CLAIM # 4246324; BEDIVERE LAKE

FINAL REPORT:

Assessment Work Performed on Mining Lands Submission

Submitted by Michael Frymire and Adam Schneider

August 1, 2016

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INTRODUCTION

Claim number 4246324 was staked on August 4th, 2010 by Michael Frymire and James Brown, in the Bedivere Lake area. This site was primarily selected because of the historical gold occurrence values found on the southwestern portion of Bedivere Lake (Mason 2009). In 1989 Ferm Elizabeth Gold Exp. Ltd. found .02oz/t,0.10 oz/t, tr, 0.01 oz/t and 0.01 oz/t (Fern Elizabeth Gold Exp. Ltd., 1989). Trace to 0.06 oz/t was also found in four other trenches (Fern Elizabeth Gold Exp. Ltd., 1989). In the summers of both 2014 and 2015 the property had been further prospected, in detail. A large quartz structure was found as well as mafic volcanic quartz stockwork, assaying from anomalous to 5200ppb (.167opt) au. Dorothy Campbell, Thunder Bay South Resident Geologist, visited the site with another MNDM staff member in 2015 to assess and sample the property.

LOCATION AND ACCESS

The Bedivere Lake property is located approximately 160 kilometres northwest of Thunder Bay via Highway 11 (Figure 1.0). A gold occurrence is situated on the southwestern shore of Bedivere Lake (Figure 2.0). Bedivere Lake is just within the territorial district of Thunder Bay, access to the property is via the Brule Lake road from highway 11 to the eastern portion of Bedivere Lake. The launch into Bedivere Lake is on a sandy beach which seems to be a popular camping spot for Thunder Bay residents. This road can be best traveled with either a 4x4 truck during most of the year or by snow machine in the winter time. The Bedivere occurrence can be accessed by motorized boat 5 kilometers west of the boat launch on Bedivere Lake.

Figure 1.0: General location of Claim 4246324. Bedivere Lake is approximately 160 kilometers west of Thunder Bay.

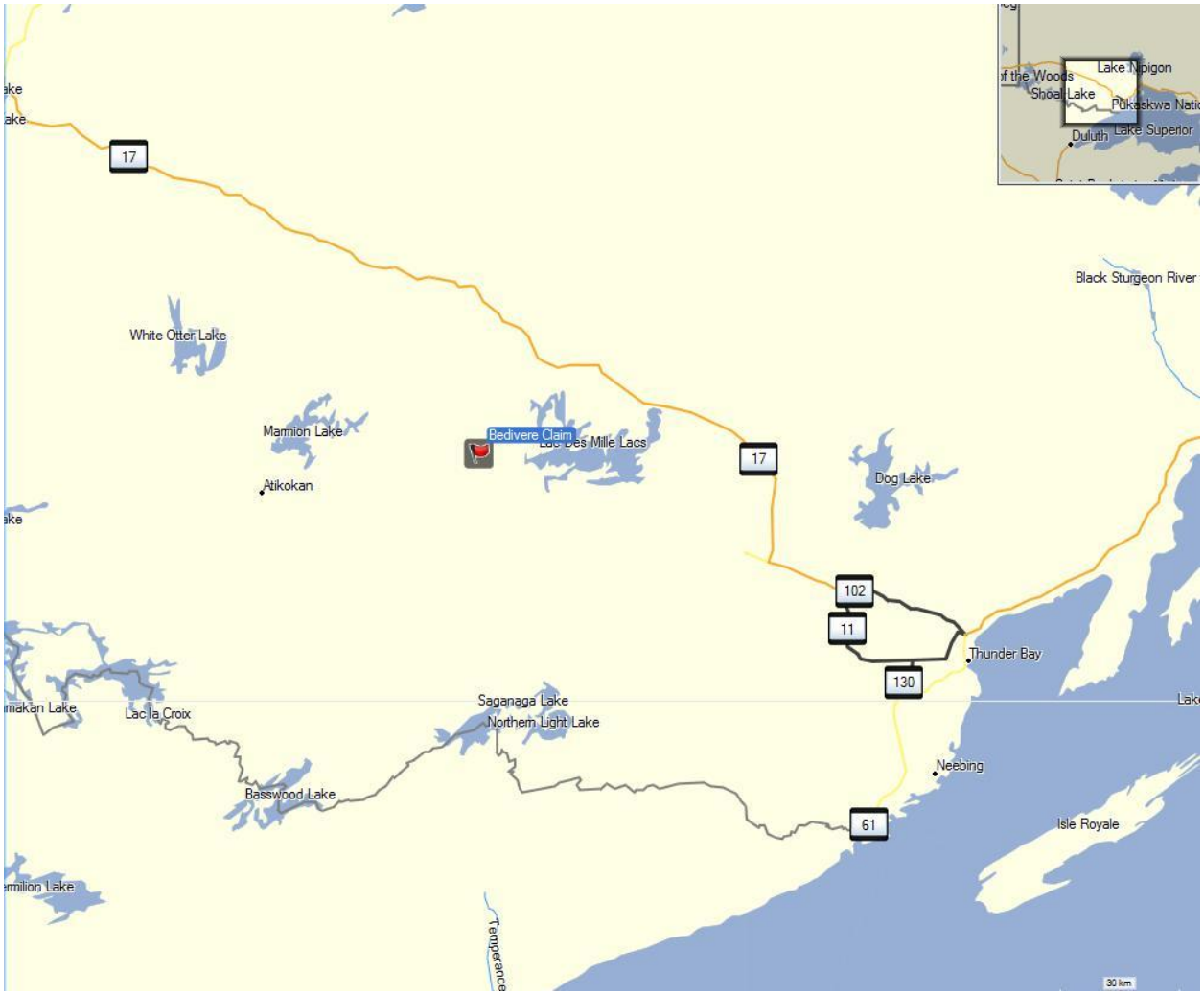
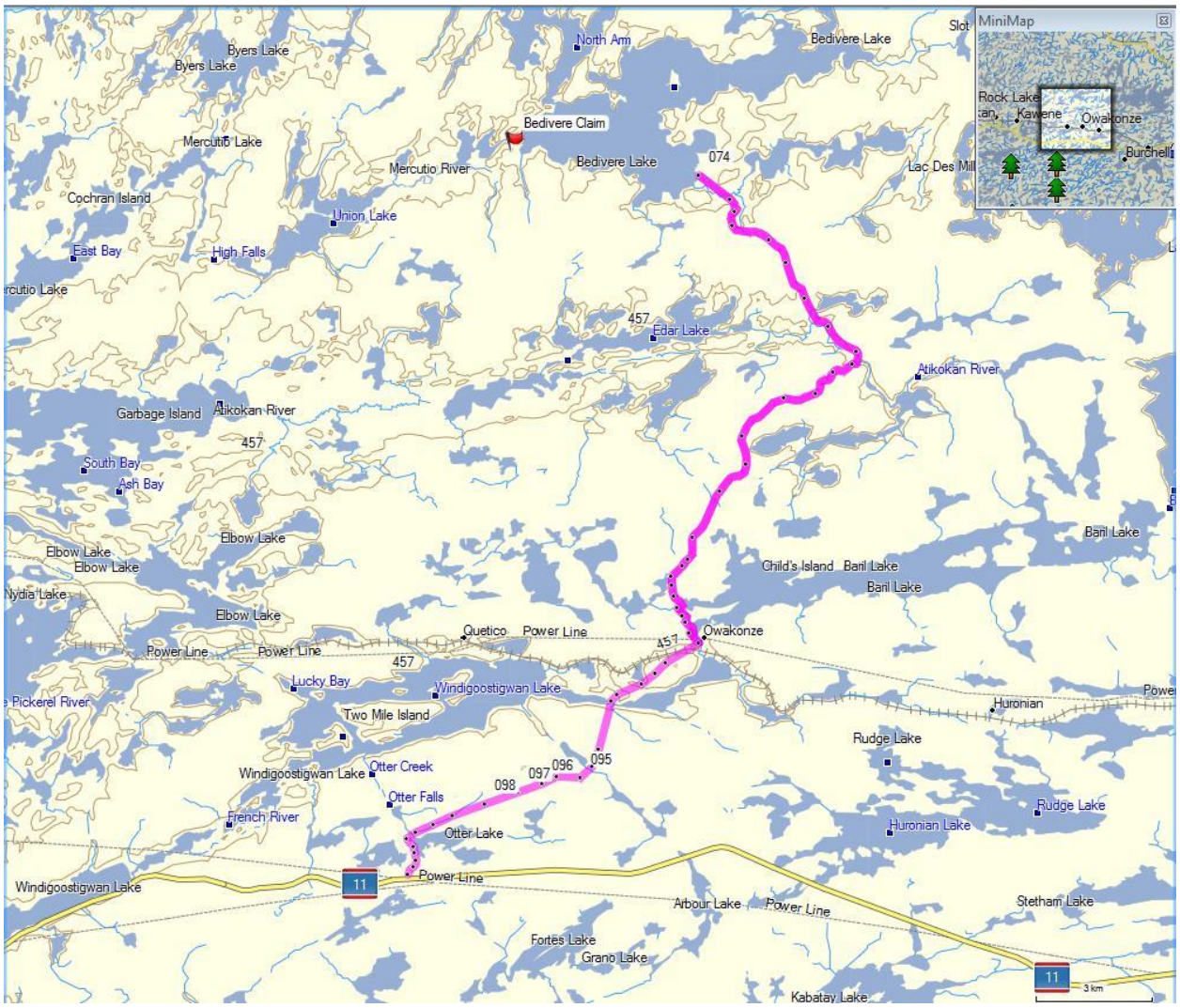


Figure 2.0; Access location, Brule Creek Road. Turn off to Bedivere Lake is approximately 24 kilometers up Brule. In 2015 there was active logging in area.



PROPERTY GEOLOGY

The host rocks at the Bedivere Lake occurrence are sheared, meta volcanic rock of felsic and mafic compositions. The felsic meta volcanic units are represented by sericitite schist's, whereas the mafic volcanic units are now chlorite schist (Scott et al. 2008). Granite is also apparent within the claim.

The following is an excerpt from the OGS Report of Activities District Geologist Report (OGS,2016);

The Bedivere Lake property is underlain by biotite tonalite to granodiorite of the Marmion batholith (Stone 2005b). Mafic metavolcanic rocks, probably xenolithic inclusions, were observed to the west and adjacent to a northeast-trending (020 to 025°) quartz vein structure. The vein system was traced intermittently for approximately 250 m, ranging from steeply dipping to 60° southeast. Because of poor bedrock exposure, the width of the vein cannot be precisely determined but is estimated to be approximately 2 to 3 m. At the southwestern exposure, the vein extends into a swamp, and at the northeastern end, it is covered by deep overburden. There is a small exposure at the tip of the peninsula and then the vein presumably continues under the North Arm of Bedivere Lake (*see* Figures 20 and 21). The southwestern exposure of the vein consists of highly fractured white "bull" quartz (± red hematitic? staining). Approximately 100 m northeast of the swamp, the quartz vein varies from glassy white to clear quartz (± carbonate stringers, ± pyrite). One hundred and fifty metres northeast of the swamp, the vein appears to develop into a quartz stockwork hosted within a highly foliated, light lime green sericitic rock, with associated intense carbonate alteration. Several overgrown trenches and small pits, most likely from exploration in 1989, were located and sampled along the structural trend.

HISTORICAL EXLORATION

The Bedivere Lake occurrence was discovered in 1979 by Fern Elizabeth Gold Exp. Ltd. Fern Elizabeth sampled rock on the property from numerous trenches. No other work on the property has been found. Prospecting and sampling was done on the Bedivere property in 2012 and 2014 by Michael Frymire and James Brown.

COMPLETED WORK

Prospecting and a large sampling of rocks were completed throughout the Bedivere Lake property (Table 1.0). Observations were made throughout both prospecting trips (Table 2.0).

Table 1. Daily log of activities.

Date	Work Preformed
18-Jun-15	Travelled to Bedivere Lake occurrence from Thunder Bay, Ontario. Spent the full day locating the Fern Elizabeth trenches.
19-Jun-15	Travelled to the Bedivere occurrence from Thunder Bay, Ontario. Once trenches were discovered, an depth prospecting assignment was started.
20-Jun-15	Travelled to Bedivere Lake occurrence from Thunder Bay, Ontario. Spent the full day taking samples on the north eastern main quartz structure.
12-Aug-15	Travelled to the Bedivere occurrence from Thunder Bay, Ontario. Spent the full day sampling and stripping overburden for District Geologist visit.
13-Aug-15	Travelled to Bedivere Lake occurrence from Thunder Bay, Ontario. Spent the full day with Dorothy Campbell, Thunder Bay District geologist prospecting and sampling property.
14-Aug-15	Travelled to the Bedivere occurrence from Thunder Bay, Ontario. Spent the full day prospecting various locations on the Bedivere Lake Property.
15-Aug-15	Travelled to the Bedivere occurrence from Thunder Bay, Ontario. Spent the full day sampling various locations on the Bedivere Lake Property.

Table 2. Observational notes from prospecting within claim # 4246324.

Date	Time	Location	Comments
18-Jun-15	8:00am-11:00:am	From NE point to SW into claim	Started prospecting on the point (15 U 654299,5412707). On the point is a highly sheared mafic volcanic outcrop with small quartz veins and pyrites in small concentration. Ran a transect directly SW to find old fern Elizebeth's trenches.
	11:30am - 2:30pm	Main Quartz Vein	While searching for old trenches, a large quartz vein was found (2 meters wide). Some mineralization present. Samples taken at start of vein. Vein runs NE and dip approximately 80 degrees.
	2:30-4:30pm	Main Quartz Vein	Continued to prospecting and sampling main vein. Vein material ranges from bull white quartz to dark blue and black quartz. Mineralization in form of finely disseminated to blebby pryites located all along quartz structure. Sampled 4 sections for assay. Included in report. Sample BDV100 assayed 5200ppb au.
19-Jun-15	8:00am-12:00pm	Main Quartz Vein	Continued to prospect and sample main quartz structure.
	12:30 pm - 4:30pm	Main Quartz Vein	Stripping of moss and soil to determine extent of quartz structure.
20-Jun-15	8:00am-12:00pm	Main Quartz Vein	Continued to prospect and sample main quartz structure.
	12:30 pm - 4:30pm	Main Quartz Vein	Stripping of moss and soil to determine extent of quartz structure.

12-Aug-15	8:00am-12:00pm	Main Quartz Vein	Stripped overburden (moss, soil and roots) as much as possible to determine extent of vein and overburden. Vein appears to be 190 meters in length and up to 18 meters wide but not enough overburden was uncovered to determine exact depths at each location.
	12:30 pm - 4:30pm	Main Quartz Vein	Sampled sections of main quartz vein (7 samples). Included in report. Sample BDV20M947 assayed 4230 ppb au.
13-Aug-15	8:00am-12:00pm	Main Quartz Vein	Dorothy Campbell of the MNDM arrives with colleague to assess and sample quartz vein.
	12:30 pm - 4:30pm	Main Quartz Vein	Spent whole day prospecting and sampling quartz structure with D. Campbell.
14-Aug-15	8:00am-12:00pm	Main Quartz Vein	Approximately 50 meters south west from start of vein a highly altered and mineralized mafic volcanic bedrock was found.
	12:30 pm - 4:30pm	Main Quartz Vein	Sampling of mafic volcanics found earlier in the morning.
15-Aug-15	8:00am-12:00pm	Main Quartz Vein	A rope was tied in the middle of quartz structure that had intervals of 5 meters to see the approximate length and width of vein and to help in sampling efforts.
	12:30 pm - 4:30pm	Main Quartz Vein	Rapped up visit by a final walk through and prospecting of quartz structure.

PROJECT EXPENDITURES

Project expenditures included three day trips in June and four day trips in August 2015 to the Bedivere Lake property. Prospecting, travel costs, food allowance, assay, and report creation were charged and summarized in Table 4.0 .

Table 4.0. A summary of project expenditures charged to the Assessment Work Performed on mining lands.

Date	Explanation	Amount ($)
18-Jun-15	Prospecting (8hours @ $25.00)	400
18-Jun-15	Travel costs (300km @ $0.40/km)	120
18-Jun-15	Food allowance ($25/day)	50
19-Jun-15	Prospecting (8hours @ $25.00)	400
19-Jun-15	Travel costs (300km @ $0.40/km)	120
19-Jun-15	Food allowance ($25/day)	50
20-Jun-15	Prospecting (8hours @ $25.00)	400
20-Jun-15	Travel costs (300km @ $0.40/km)	120
20-Jun-15	Food allowance ($25/day)	50
12-Aug-15	Prospecting (8hours @ $25.00)	400
12-Aug-15	Travel costs (300km @ $0.40/km)	120
12-Aug-15	Food allowance ($25/day)	50
13-Aug-15	Prospecting (8hours @ $25.00)	400
13-Aug-15	Food allowance ($25/day)	50
13-Aug-15	Travel costs (300km @ $0.40/km)	120
14-Aug-15	Prospecting (8hours @ $25.00)	400
14-Aug-15	Travel costs (300km @ $0.40/km)	120
14-Aug-15	Food allowance ($25/day)	50
15-Aug-15	Prospecting (8hours @ $25.00)	400
15-Aug-15	Travel costs (300km @ $0.40/km)	120
15-Aug-15	Food allowance ($25/day)	50
17-Jul-15	Assay ; ActLabs 3 samples	180.8
11-Sept-15	Assay ; ActLabs 7 samples	466.13
31-Jul-16	Report Creation (4 hours @ 25.00/hour)	100
	TOTAL	**$4736.93**

RESULTS AND RECOMMENDATIONS

OGS staff sampled along the quartz structure (Figure 3) and results are below (Table 5).

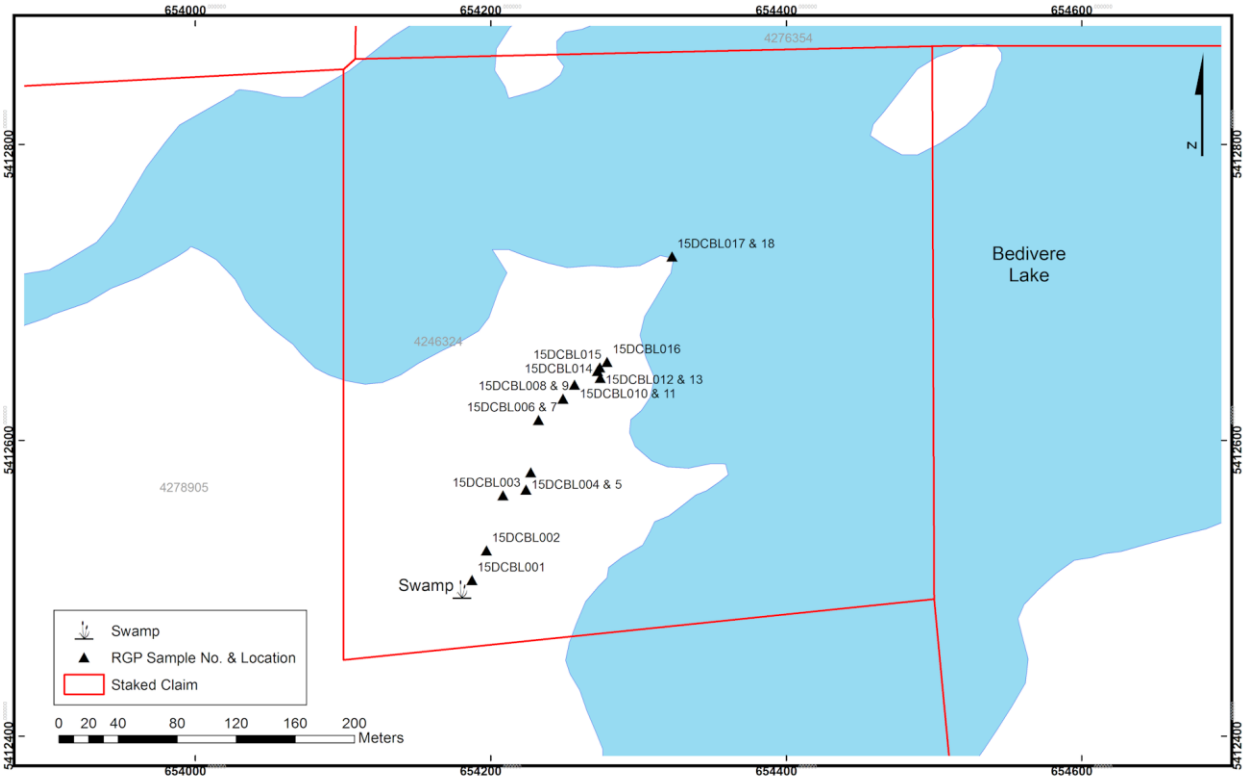


Figure 3. OGS sampling along quartz vein on the Bedivere Property. Note the NE trend in quartz vein.

A report on the Bedivere property was created after the OGS's visit in August 2015 (pages 44-52);
http://www.giscoeapp.lrc.gov.on.ca/CLAIMaps/Index.html?site=CLAIMaps&viewer=CLAIMaps&locale=en-US

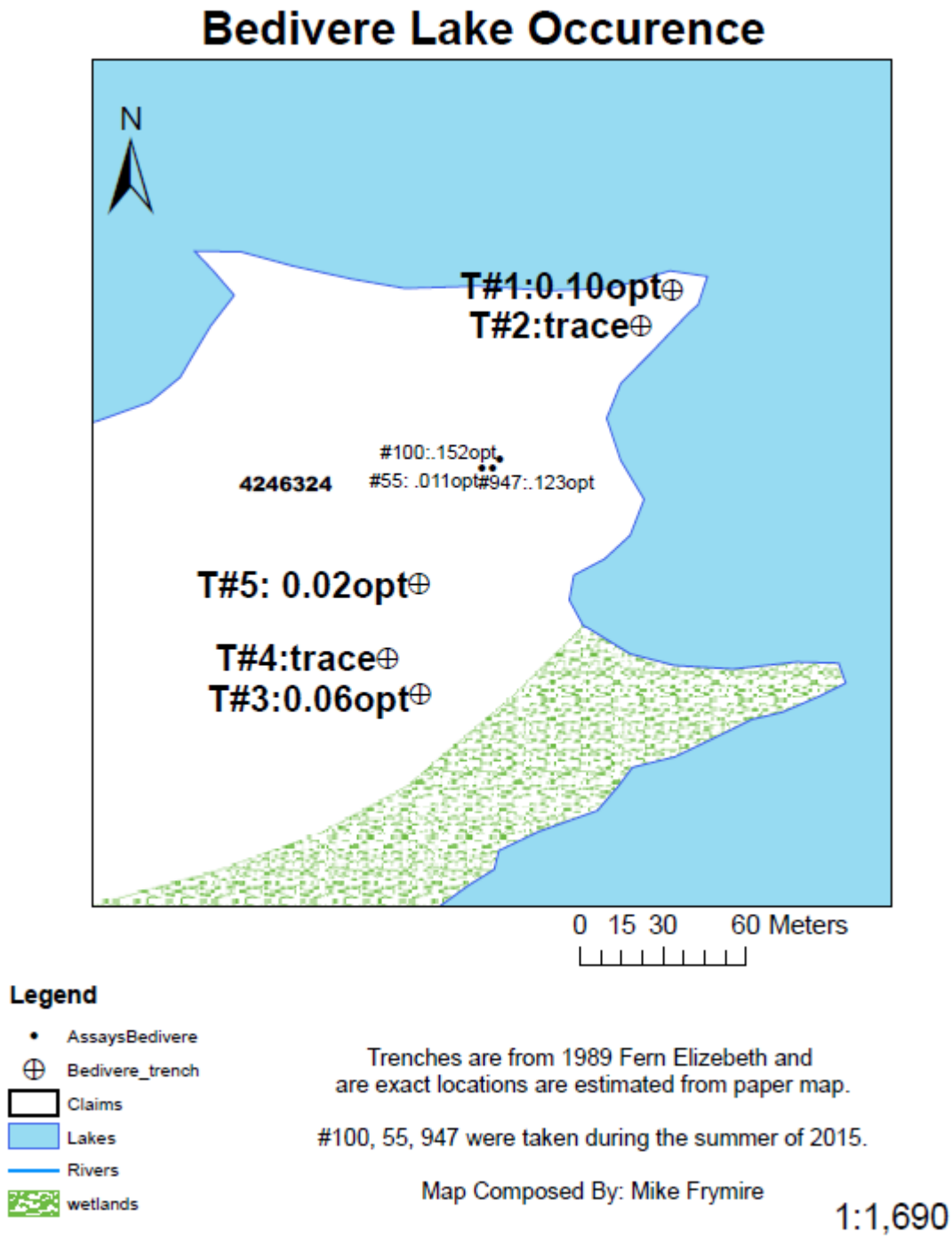


Figure 4. Sampling of quartz structure with assays (opt au) and approximate locations of historical trenches.

Table 5. Assay results from OGS sampling in August 2015.

Sample	Easting	Northing	Au (ppb)
15DCBL001	654187	5412505	ND
15DCBL002	654197	5412525	42
15DCBL003*	654208	5412562	89
15DCBL004*	654224	5412566	17
15DCBL005*	654224	5412566	197
15DCBL005*D	654224	5412566	200
15DCBL006*	654232	5412613	22
15DCBL007*	654232	5412613	ND
15DCBL008	654249	5412628	20
15DCBL009	654249	5412628	112
15DCBL010	654256	5412637	119
15DCBL011	654256	5412637	1044
15DCBL012	654274	5412642	ND
15DCBL013	654274	5412642	ND
15DCBL014	654272	5412646	36
15DCBL015	654274	5412649	9
15DCBL016	654278	5412653	60
15DCBL017	654322	5412724	8
15DCBL018	654322	5412724	52
15DCBL018D	654322	5412724	50

** indicates an old trench or pit; D, duplicate; ND, not detected.*

Table 6. Assay results for grab samples collected by prospectors M. Frymire and A. Schneider in 2015; analysed by OGS Geoscience Laboratories (Resident Geologist's Files, Thunder Bay South District, Thunder Bay).

Sample	Au (ppb)
15DCBL001a	126
15DCBL001aD	131
15DCBL002a	91
15DCBL003a	2630
15DCBL004a	83

D indicates duplicate.

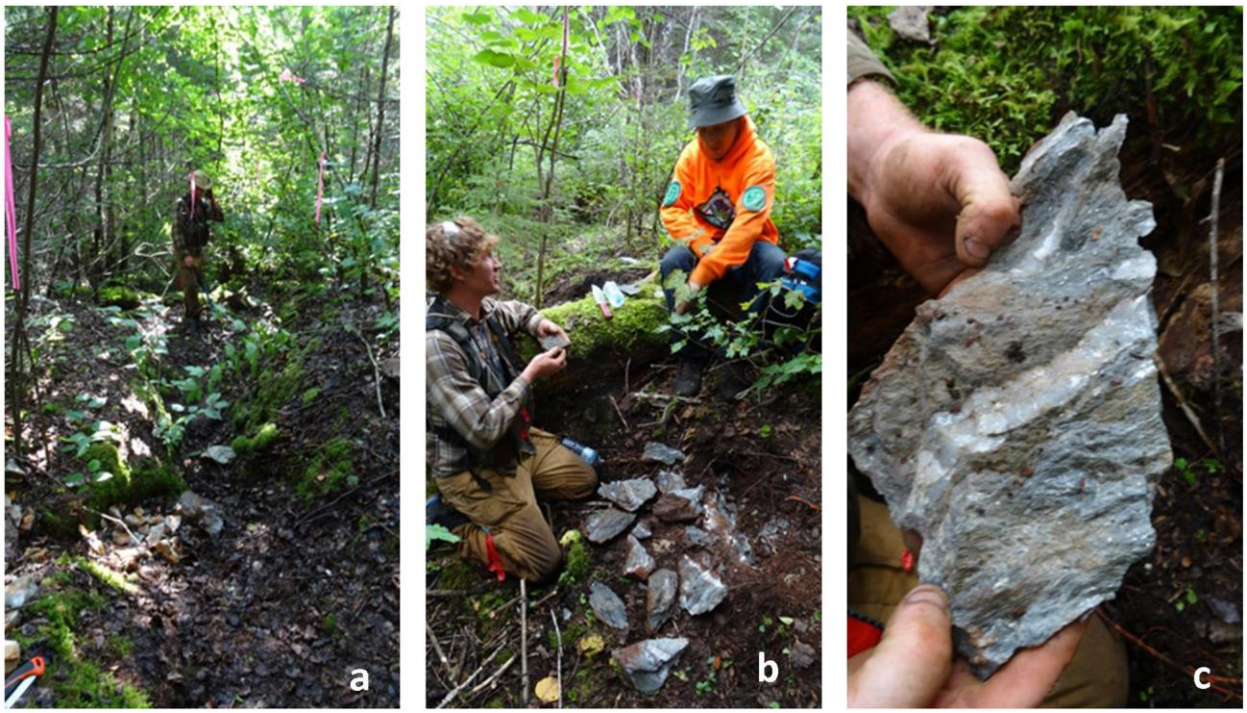


Figure 5**.** Quartz vein structure north-east of swamp. a) Overgrown trench (1 by 7 m) sampled (15DCBL004) along the structural trend. b) M. Frymire and A. Schneider sampling (15DCBL008) quartz stockwork with carbonate alteration (± pyrite, fuchsite). c) Close up view of quartz veining in a sample from the location shown in photo b. (OGS, 2016).

Table 7. Assay results for samples sent in on June 2015 trip to the Bedivere property.

Report Number: A15-04859 Report Date: 16/7/2015																
Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%
BDV 001	88	0.5	186	0.7	1	4	596	75	2.34	3.12	494	< 50	< 1	< 2	< 0.5	7.36
BDV 100	5210	3.9	241	< 0.3	2	5	20	20	0.96	0.14	125	< 50	< 1	< 2	5	0.12
BDV 150	18	0.5	48	< 0.3	2	< 3	166	47	0.79	1.19	32.8	< 50	< 1	< 2	< 0.5	0.21

Analyte Symbol	Co	Cr	Cs	Eu	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb
Unit Symbol	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm
BDV 001	85	938	< 1	1	9.01	2	< 1	< 5	0.01	30	6.19	1290	0.02	0.03	< 15	1.7
BDV 100	3	38	< 1	< 0.2	1.83	< 1	< 1	< 5	0.02	< 1	0.06	154	0.02	0	< 15	0.2
BDV 150	11	134	< 1	< 0.2	2.6	< 1	< 1	< 5	0.03	10	0.91	399	0.05	0.01	< 15	0.6

Analyte Symbol	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm	Sn	Tb
Unit Symbol	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
BDV 001	26	< 3	287	< 0.5	0.37	< 0.2	< 0.5	151	< 1	6	12.6	39	9	3.6	< 0.01	< 0.5
BDV 100	0.6	< 3	8	< 0.5	0.01	< 0.2	< 0.5	4	< 1	< 1	0.6	< 3	< 5	0.1	< 0.01	< 0.5
BDV 150	8.2	< 3	20	< 0.5	0.07	< 0.2	< 0.5	64	4	2	2.1	4	< 5	0.5	< 0.01	< 0.5

Analyte Symbol	Yb	Lu	Mass
Unit Symbol	ppm	ppm	g
BDV 001	1	< 0.05	32.5
BDV 100	< 0.2	< 0.05	32.7
BDV 150	0.2	< 0.05	33.2

Table 8. Assay results for samples sent in on August 2015 trip to the Bedivere property.

Report Number: A15-06899 Report Date: 16/9/2015	
Analyte Symbol	Au
Unit Symbol	ppb
Detection Limit	2
Analysis Method	INAA
BDVTA	<30
BDV15M951	<30
BDV20M947	4230
BDV30M	<30
BDV00955M	<30
BDV55TS	382
BDV45MJU	22

NOTE: Samples BDV100 (5200ppb au), BDV29M947 (4230ppb au), 15DCBL003a (2630 ppb au) and 15DCBL011(1044 ppb au) are all from the same vicinity.

Figure 6. Highly fractured quartz with pyrite blebs. Assayed 4230 ppb au.

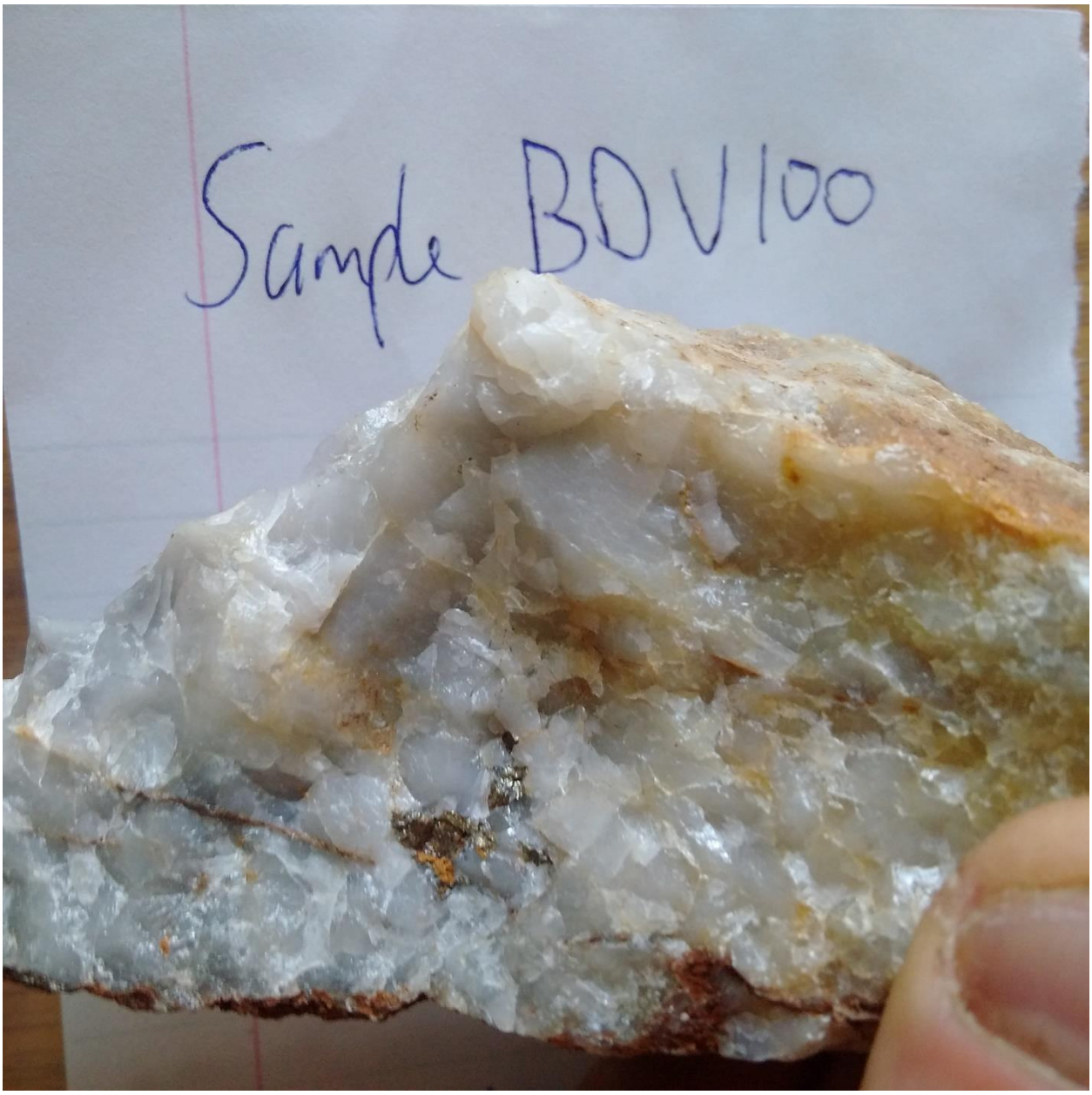


Figure 7. Highly fractured white to smokey quartz with pyrite bleds and yellow staining. Assayed 5200ppb au.

Figure 8. Highly sheared and mineralized mafic volcanic with small quartz veining. Assayed 384ppb au.

Figure 9. Main quartz structure with minor mafic volcanic seams fracturing through quartz approximately 170 meters southwest of the beginning of quartz structure (15 U, 654188, 5412517). No assay's for this particular outcrop.

Figure 10. Main quartz vein, dark smokey quartz approximately 30 meters southwest of beginning of quartz structure (15 U, 654262,5412643).

Figure 11. Main quartz vein, dark smokey quartz approximately 15 meters southwest of beginning of quartz structure (15 U, 654271,5412645).

CONCLUSION:

More in depth prospecting, especially around the samples that assayed 1.44 – 5.2 g/tonne is warranted on the Bedivere property. Locating the size and orientation of the main quartz vein is an extremely good start for the property and chances for finding larger gold grades have now greatly increased. No diamond drilling has occurred on the property, which should seriously be considered going further with mineral exploration. The properties location along the Quetico Fault Zone, its proximity to other gold occurrences in the Crooked Pine Lake Area, and several unexplained lake sediment geochemical anomalies to the south west suggest good potential for further gold discoveries (Scott et al. 2008).

LITERATURE CITED

Scott, J.F., D.A. Campbell, P. Hinz, C.L. Komar, and M.R. Brunelle. 2008. Report of Activities, 2008. Resident Geologist Program. Ontario Geological Survey, Open File Report 6234. Thunder Bay South District, 52p.

Schnieder B.R. and Dutka, R.J., 1985. Property visits and reports of the Atikokan Economic Geologist, 1979-1983, Atikokan Geological Survey; Ontario Geological Survey, Open File Report OFR5539, 425p.

J. Mason. 2009. Explore the Opportunities; Recommendations for Exploration. Ontario Geological Survey, Resident Geologist Program. 31p.

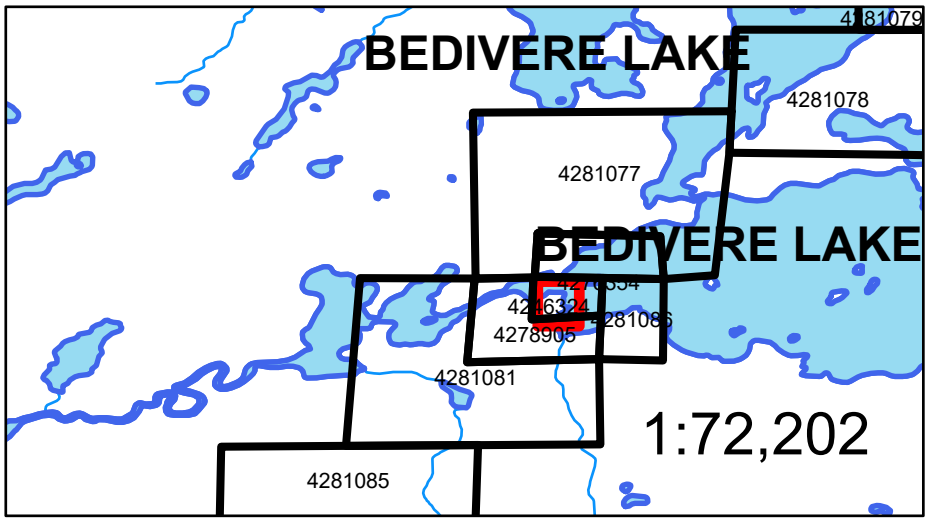
Ontario Geological Survey. 2016. Open File Report 6316. Report of Activities, 2015, Resident Geologist Program, Thunder Bay South Resident Geologist Report. 102p.

BEDIVERE ASSAY LOCATIONS:2015

0 5 10 20 Meters

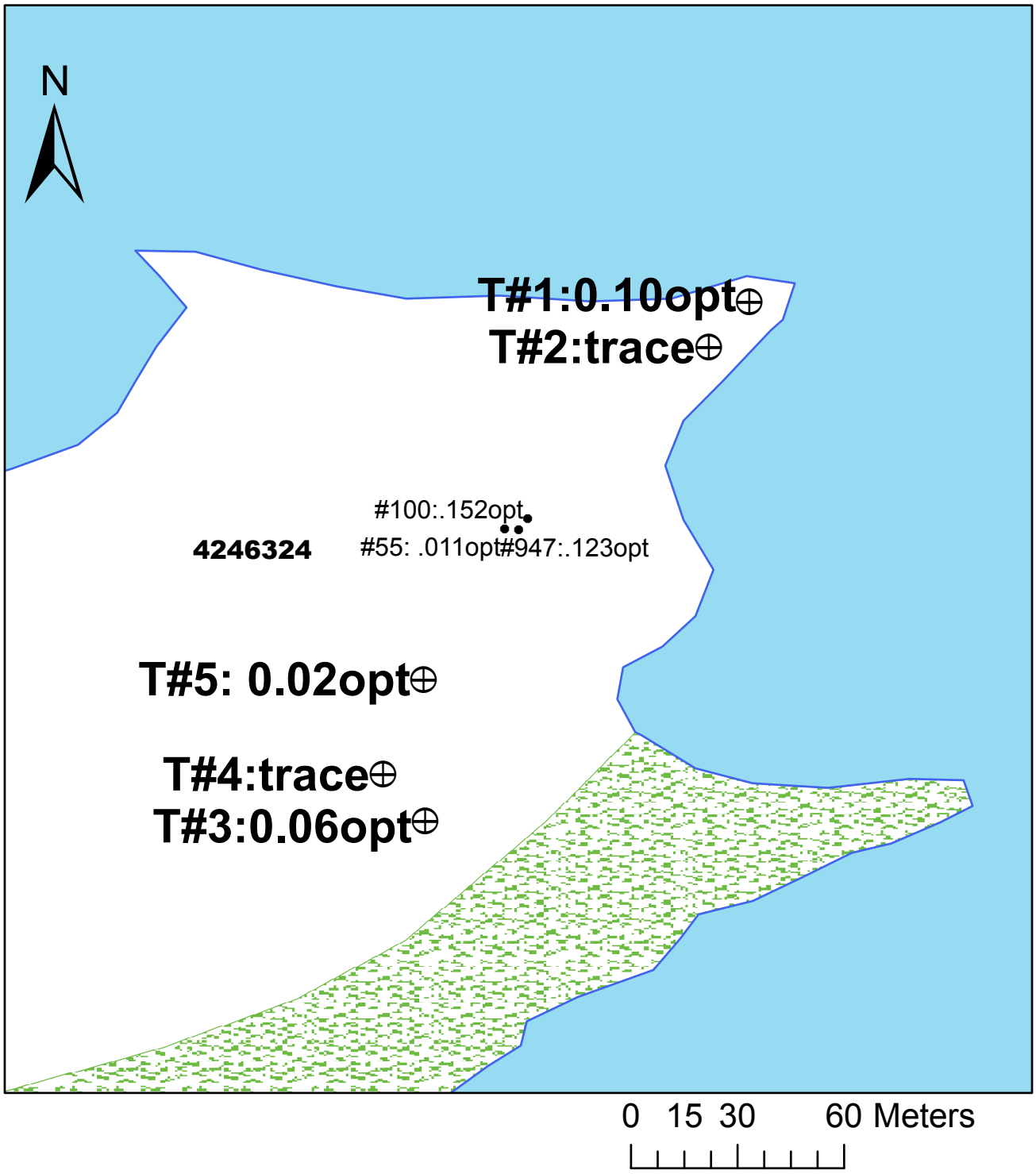
Legend

- Assay Locations
- Bedivere Lake
- Claims



Map Composed by
Mike Frymire

Bedivere Lake Occurence



Legend

- AssaysBedivere
- Bedivere_trench
- Claims
- Lakes
- Rivers
- wetlands

Trenches are from 1989 Fern Elizebeth and
are exact locations are estimated from paper map.

#100, 55, 947 were taken during the summer of 2015.

Map Composed By: Mike Frymire

1:1,690

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Jul-15
Invoice No.: A15-04859
Invoice Date: 16-Jul-15
Your Reference:

Mike Frymire
377 Albert Street
Stratford ON N5A 3L1
Canada

ATTN: Mike Frymire

CERTIFICATE OF ANALYSIS

4 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)
Code Weight Report (kg)-Internal Received Weights

REPORT **A15-04859**

Notes:

Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
BDV 001	88	0.5	186	0.7	1	4	596	75	2.34	3.12	494	< 50	< 1	< 2	< 0.5	7.36	85	938	< 1	1.0	9.01	2	< 1
BDV 100	5210	3.9	241	< 0.3	2	5	20	20	0.96	0.14	125	< 50	< 1	< 2	5.0	0.12	3	38	< 1	< 0.2	1.83	< 1	< 1
BDV 150	18	0.5	48	< 0.3	2	< 3	166	47	0.79	1.19	32.8	< 50	< 1	< 2	< 0.5	0.21	11	134	< 1	< 0.2	2.60	< 1	< 1
BDV 920	< 2	< 0.3	9	< 0.3	< 1	< 3	21	50	0.13	7.98	12.5	< 50	< 1	< 2	< 0.5	2.97	17	12	< 1	1.1	4.69	3	< 1

Results

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
BDV 001	< 5	0.01	30	6.19	1290	0.02	0.034	< 15	1.7	25.8	< 3	287	< 0.5	0.37	< 0.2	< 0.5	151	< 1	6	12.6	39	9	3.6
BDV 100	< 5	0.02	< 1	0.06	154	0.02	0.001	< 15	0.2	0.6	< 3	8	< 0.5	0.01	< 0.2	< 0.5	4	< 1	< 1	0.6	< 3	< 5	0.1
BDV 150	< 5	0.03	10	0.91	399	0.05	0.011	< 15	0.6	8.2	< 3	20	< 0.5	0.07	< 0.2	< 0.5	64	4	2	2.1	4	< 5	0.5
BDV 920	< 5	1.04	24	1.37	786	2.09	0.165	< 15	1.5	15.7	< 3	128	< 0.5	0.32	3.0	< 0.5	75	< 1	8	20.8	62	15	4.0

Results

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
BDV 001	< 0.01	< 0.5	1.0	< 0.05	32.5
BDV 100	< 0.01	< 0.5	< 0.2	< 0.05	32.7
BDV 150	< 0.01	< 0.5	0.2	< 0.05	33.2
BDV 920	< 0.01	< 0.5	1.6	< 0.05	31.4

QC

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas		31.4		1110	3.1	14	719	42		714		0.24	2.34			1	1390		0.90				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-4 Meas		3.5		6520	0.3	309	44	44		71		1.80	6.61			2	13		1.11				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
SDC-1 Meas				27			20	35		94			8.01			3			1.08				
SDC-1 Cert				30.000			25.00	38.0		103.00			8.34			3.00			1.00				
GXR-6 Meas		< 0.3		75	0.3	< 1	88	28		124		0.02	13.7			1	< 2		0.20				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
SAR-M (U.S.G.S.) Meas		3.7		343	5.1	9	1010	51		978			6.26			3	< 2		0.63				
SAR-M (U.S.G.S.) Cert		3.64		331.0000	5.27	13.1	982	41.5		930.0			6.30			2.20	1.94		0.61				
DNC-1a Meas				87			< 3	244		53													
DNC-1a Cert				100.00			6.3	247		70.0													
DMMAS 118 Meas	1680													1670	1120					42	86		
DMMAS 118 Cert	1729													1661	1264					45	83		
Method Blank		< 0.3		2	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2

QC

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
GXR-1 Meas					0.05	8	0.21	887		0.057					284		0.03			86		28	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-4 Meas					4.05	11	1.73	154		0.134					215		0.29			93		14	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
SDC-1 Meas					2.07	33	0.95	831		0.053					168		0.25			60			
SDC-1 Cert					2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00			
GXR-6 Meas					1.86	33	0.61	1010		0.033					43					112		12	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
SAR-M (U.S.G.S.) Meas					2.66	29	0.48	5380		0.063					156		0.34			66		32	
SAR-M (U.S.G.S.) Cert					2.94	27.4	0.50	5220		0.07					151		0.38			67.2		28.00	
DNC-1a Meas						4									121		0.28			136		14	
DNC-1a Cert						5.20									144.0		0.29			148.00		18.0	
DMMAS 118 Meas	3.24								2.04			7.2	6.1						15.1				17.0
DMMAS 118 Cert	3.25								2.21			6.6	6.1						15.9				16.9
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5

QC

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas								
GXR-1 Cert								
GXR-4 Meas								
GXR-4 Cert								
SDC-1 Meas								
SDC-1 Cert								
GXR-6 Meas								
GXR-6 Cert								
SAR-M (U.S.G.S.) Meas								
SAR-M (U.S.G.S.) Cert								
DNC-1a Meas								
DNC-1a Cert								
DMMAS 118 Meas	36		2.5					
DMMAS 118 Cert	30		2.2					
Method Blank								
Method Blank	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	30.0

Quality Analysis ... *Innovative Technologies*

Date Submitted: 21-Aug-15
Invoice No.: A15-06899-BDV Samples
Invoice Date: 16-Sep-15
Your Reference:

Mike Frymire
377 Albert Street
Stratford ON N5A 3L1
Canada

ATTN: Mike Frymire

CERTIFICATE OF ANALYSIS

10 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A3 Au - Fire Assay Gravimetric (QOP AA-Au)
Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A15-06899-BDV Samples**

Notes:

Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

Analyte Symbol	Au	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf
Unit Symbol	g/tonne	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Lower Limit	0.03	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1
Method Code	FA-GRA	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA
BDVTA	< 0.03																						
BDV15M951	< 0.03																						
BDV20M947	4.23																						
BDV30M	< 0.03																						
BDV00955M	< 0.03																						
BDV55TS		382	0.8	105	< 0.3	< 1	< 3	703	95	0.58	2.53	139	< 50	< 1	< 2	< 0.5	6.16	74	1190	< 1	0.8	7.79	1
BDV45MJU		22	< 0.3	79	< 0.3	< 1	< 3	410	44	0.54	1.49	187	< 50	< 1	< 2	< 0.5	5.21	48	609	< 1	0.4	5.01	< 1

Results

Analyte Symbol	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd
Unit Symbol	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5
Method Code	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
BDVTA																							
BDV15M951																							
BDV20M947																							
BDV30M																							
BDV00955M																							
BDV55TS	< 1	< 5	0.04	17	4.97	1860	0.02	0.028	< 15	0.7	27.5	< 3	196	< 0.5	0.29	0.9	< 0.5	176	< 1	9	10.3	31	12
BDV45MJU	< 1	< 5	0.18	17	3.00	988	0.02	0.009	< 15	1.1	16.0	< 3	128	< 0.5	0.30	< 0.2	< 0.5	104	21	7	6.0	17	< 5

Results

Analyte Symbol	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	%	ppm	ppm	ppm	g
Lower Limit	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA
BDVTA						
BDV15M951						
BDV20M947						
BDV30M						
BDV00955M						
BDV55TS	3.1	< 0.01	< 0.5	1.1	< 0.05	36.6
BDV45MJU	2.0	< 0.01	< 0.5	0.4	< 0.05	36.8

QC

Analyte Symbol	Au	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs
Unit Symbol	g/tonne	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Lower Limit	0.03	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1
Method Code	FA-GRA	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA
GXR-1 Meas			31.3		1130	2.7	14	732	41		746		0.25	1.98			1	1390		0.90			
GXR-1 Cert			31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960			
GXR-1 Meas			32.5		1170	2.7	15	748	44		762		0.25	2.12			1	1400		0.92			
GXR-1 Cert			31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960			
GXR-4 Meas			3.7		6500	< 0.3	307	47	43		72		1.79	6.36			2	14		1.08			
GXR-4 Cert			4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01			
GXR-4 Meas			3.5		6670	0.5	310	43	41		71		1.80	6.40			2	12		1.10			
GXR-4 Cert			4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01			
SDC-1 Meas					28			22	35		98			7.88			3			1.07			
SDC-1 Cert					30.000			25.00	38.0		103.00			8.34			3.00			1.00			
SDC-1 Meas					29			22	36		102			8.36			3			1.13			
SDC-1 Cert					30.000			25.00	38.0		103.00			8.34			3.00			1.00			
DNC-1a Meas					92			< 3	247		57												
DNC-1a Cert					100.00			6.3	247		70.0												
DNC-1a Meas					99			5	253		60												
DNC-1a Cert					100.00			6.3	247		70.0												
SBC-1 Meas					29	0.4	2	28	84		179						3	< 2					
SBC-1 Cert					31.0000	0.40	2.40	35.0	82.8		186.0						3.20	0.70					
SBC-1 Meas					29	< 0.3	2	28	86		180						3	< 2					
SBC-1 Cert					31.0000	0.40	2.40	35.0	82.8		186.0						3.20	0.70					
OxK110 Meas	3.62																						
OxK110 Cert	3.602																						
OxK110 Meas	3.56																						
OxK110 Cert	3.602																						
OXN117 Meas	7.76																						
OXN117 Cert	7.679																						
OXN117 Meas	7.66																						
OXN117 Cert	7.679																						
SdAR-M2 (U.S.G.S.) Meas					241	5.4	11	828	52		783						8	< 2					
SdAR-M2 (U.S.G.S.) Cert					236.0000	5.1	13.3	808	48.8		760						6.6	1.05					
SdAR-M2 (U.S.G.S.) Meas					242	5.7	10	834	53		798						7	< 2					
SdAR-M2 (U.S.G.S.) Cert					236.0000	5.1	13.3	808	48.8		760						6.6	1.05					
DMMAS 118 Meas		1810													1770	1010					45	84	
DMMAS 118 Cert		1729													1661	1264					45	83	
Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01			
Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	0.01			< 1	< 2		< 0.01			
Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01			
Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01			
Method Blank			< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01			
Method Blank		< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1
Method Blank	< 0.03																						
Method Blank	< 0.03																						

QC

Analyte Symbol	Eu	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1
Method Code	INAA	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP
GXR-1 Meas						0.05	8	0.20	922		0.059					288		0.03			89		34
GXR-1 Cert						0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0
GXR-1 Meas						0.05	8	0.21	938		0.060					293		0.03			91		35
GXR-1 Cert						0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0
GXR-4 Meas						3.09	11	1.71	172		0.134					213		0.29			89		15
GXR-4 Cert						4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0
GXR-4 Meas						4.23	11	1.70	168		0.133					212		0.29			89		15
GXR-4 Cert						4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0
SDC-1 Meas						2.25	34	0.97	901		0.055					167		0.22			54		
SDC-1 Cert						2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00		
SDC-1 Meas						2.91	35	1.01	937		0.053					173		0.12			38		
SDC-1 Cert						2.72	34.00	1.02	880.00		0.0690					180.00		0.606			102.00		
DNC-1a Meas							4									121		0.28			137		14
DNC-1a Cert							5.20									144.0		0.29			148.00		18.0
DNC-1a Meas							5									127		0.28			142		16
DNC-1a Cert							5.20									144.0		0.29			148.00		18.0
SBC-1 Meas							152									171		0.44			210		32
SBC-1 Cert							163.0									178.0		0.51			220.0		36.5
SBC-1 Meas							154									174		0.51			214		31
SBC-1 Cert							163.0									178.0		0.51			220.0		36.5
OxK110 Meas																							
OxK110 Cert																							
OxK110 Meas																							
OxK110 Cert																							
OXN117 Meas																							
OXN117 Cert																							
OXN117 Meas																							
OXN117 Cert																							
SdAR-M2 (U.S.G.S.) Meas							18									144					26		29
SdAR-M2 (U.S.G.S.) Cert							17.9									144					25.2		32.7
SdAR-M2 (U.S.G.S.) Meas							18									142					25		29
SdAR-M2 (U.S.G.S.) Cert							17.9									144					25.2		32.7
DMMAS 118 Meas		3.39								2.16			6.0	6.3						15.8			
DMMAS 118 Cert		3.25								2.21			6.6	6.1						15.9			
Method Blank						< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1
Method Blank						< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1
Method Blank						< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1
Method Blank						< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1
Method Blank						< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1
Method Blank	< 0.2	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1	
Method Blank																							
Method Blank																							

QC

Analyte Symbol	La	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	0.5	3	5	0.1	0.01	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas									
GXR-1 Cert									
GXR-1 Meas									
GXR-1 Cert									
GXR-4 Meas									
GXR-4 Cert									
GXR-4 Meas									
GXR-4 Cert									
SDC-1 Meas									
SDC-1 Cert									
SDC-1 Meas									
SDC-1 Cert									
DNC-1a Meas									
DNC-1a Cert									
DNC-1a Meas									
DNC-1a Cert									
SBC-1 Meas									
SBC-1 Cert									
SBC-1 Meas									
SBC-1 Cert									
OxK110 Meas									
OxK110 Cert									
OxK110 Meas									
OxK110 Cert									
OXN117 Meas									
OXN117 Cert									
OXN117 Meas									
OXN117 Cert									
SdAR-M2 (U.S.G.S.) Meas									
SdAR-M2 (U.S.G.S.) Cert									
SdAR-M2 (U.S.G.S.) Meas									
SdAR-M2 (U.S.G.S.) Cert									
DMMAS 118 Meas	16.2	31		2.4					
DMMAS 118 Cert	16.9	30		2.2					
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank									
Method Blank	< 0.5	< 3	< 5	< 0.1	< 0.01	< 0.5	< 0.2	< 0.05	30.0
Method Blank									
Method Blank									