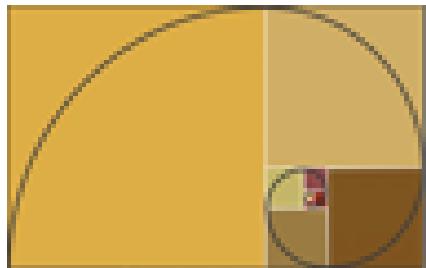


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**ASSESSMENT REPORT: 2015 DIAMOND DRILLING; CLEMENT TOWNSHIP,
ONTARIO**



**INVENTUS
MINING CORP**

By:
Winston Whymark
Inventus Mining Corp.
36 Toronto St. Suite 1000
Toronto ON M5C 5S5

Mount Logan Resources Ltd.
36 Toronto St. Suite 1000
Toronto ON M5C 5S5

November 4th, 2015

Table of contents:

1. Introduction	3
Figure 1 - Project Location.....	3
2. Location, Access and Physiography	3
3. Claim Summary of applied work	4
Figure 2 - Location of claims in Clement	5
4. General geological setting.....	6
5. Property Geology	6
6. Previous Work.....	6
7. 2015 Diamond Drilling Program Methodology.....	7
Table 2 - Drill Hole Summary.....	7
Figure 3 - Drill Hole Location.....	8
8. Costs Statement	9
9. References.....	9
10. Certificate of Author.....	10
11. Appendices.....	10

1. Introduction

During the months of August – September 2015 Mount Logan Resources Ltd., began a drill campaign involving a single diamond drill hole. This hole was designed to test two ideas. The hole started August 28th and ended September 29th 2015. Summit drilling of Val Carron, Ontario, was contracted to used their hydro core Btw drill rig.

2. Location, Access and Physiography

The Pardo project is located approximately 65 kilometers northeast of Sudbury, Ontario (Figure 1), in the Sudbury Mining Division, east-central Ontario. The property is primarily located in the south east corner of Clement Township. Access to the property is excellent. From Sudbury, the Trans-Canada Highway 17 runs east to the town of Warren, from which paved Highway 539 runs north to the small community of River Valley. From there, paved Highway 539A and all-weather gravel road baie Jeanne runs north approximately 30 kilometers. A Network of logging roads run west from Baie Jeanne boat launch providing additional access to the property. Approximately 10% of the claim block is outcrop, with the remainder a mixture of thin soil development through to thick fluvial sand plains and in places boulder till sheets of significant thickness. Vegetation is comprised of, in places, stands of virgin red and white pine, to second growth mixed forests of pine, spruce, and poplar. Infrastructure surrounding the project area is excellent. Water is plentiful, with numerous lakes on the property.



Figure 1 – Project location

3. Claim Summary of applied work

Township /Area	Claim Number	Recording Date	No of 16 Ha Units	Recorder Holder	Percent Held
Clement	4250782	Aug 12 th 2009	16	Mount Logan resources	100%
TOTAL	1 CLAIM				

Table 1 – Claims descriptions

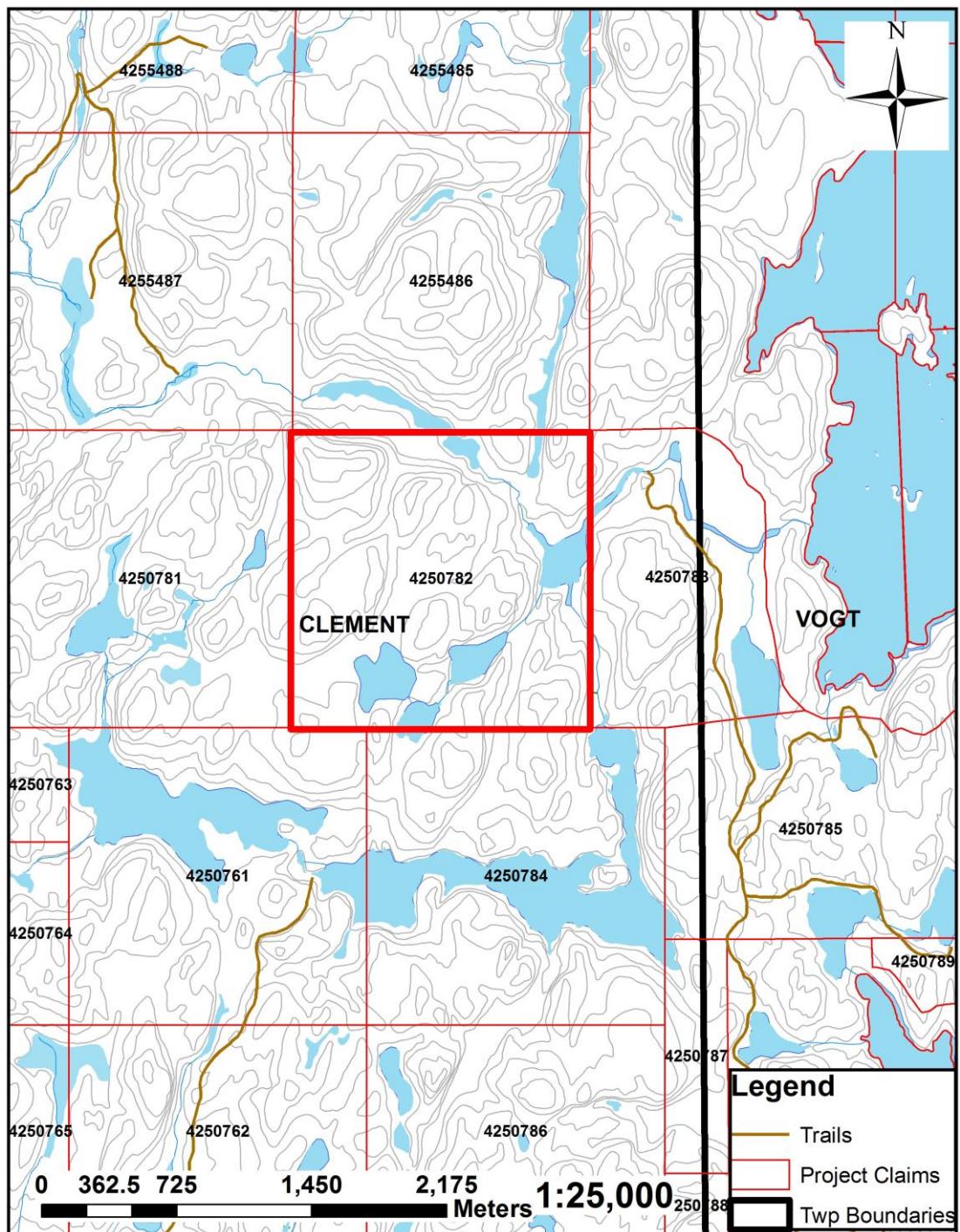


Figure 2 – Localization of the Claims in Clement Township

4. General geological setting

The regional geologic setting is described by Dressler (1979) as follows;

The area is underlain by Precambrian rocks, which are locally covered by Pleistocene and Recent unconsolidated sediments.

Early Precambrian metavolcanics, metasediments, granitic rocks, and mafic intrusive rocks are the oldest in the area. The metavolcanics and metasediments were intruded by granitic rocks, emplaced approximately 2500 m.y. ago (Van Schmus 1965, Fairburn et al 1960). Early Precambrian mafic dykes also intruded the metasediments and metavolcanics and are believed to be younger than the granitic intrusions.

Middle Precambrian rocks of the Huronian Supergroup unconformably overlie the older rocks. They were deposited between 2150 to 2400 m.y. ago (Van Schmus, 1976), an age bracket which corresponds to the Aphebian of C. H. Stockwell (1964). Rocks of the Mississagi Formation, the Gowganda Formation, and the Lorrain Formation occur in the area. The Mississagi Formation consists of conglomerate, sandstone, greywacke and argillite. The Gowganda Formation is comprised of greywacke, conglomerate, arkosic wacke, and subarkose. The Lorrain Formation is primarily comprised of quartzite, sandstone, and minor silty wacke. Nipissing intrusive rocks (approximately 2150 M.a. old), mostly gabbros, intrude all other older formations. A late Precambrian olivine diabase dyke outcrops in northwestern Janes Township, immediately south of Pardo Township. All of the above lithologies occur north of the Grenville Front Boundary Fault, in the Southern Structural Province of the Canadian Shield.

South of the Grenville Front Boundary Fault, in the Grenville Structural Province, rocks consist of biotite-plagioclase gneiss, biotite-hornblende-plagioclase gneiss, feldspathic gneiss, amphibolite, gabbro, anorthosite, migmatite, olivine diabase, and ultramafic rocks.

5. Property Geology

The Clement claims are predominantly underlain by rocks of the Huronian Supergroup, and specifically by conglomerates, sandstones, siltstones and greywackes of the Mississagi Formation up through the Gowganda and Lorrain Formations (Long, 1986; Clark, 1998). The Nippising diabase and/or gabbro occur in the northeast of property and also in Vogt Township.

6. Previous Work

The first recorded work in the area is from 1962 performed by Chris Niemetz, who drilled 2 holes. The purpose of these holes are unknown, however it's believed that the strong magnetic anomaly which is known in that area played a role in why these 2 holes were drilled. Neither hole explained the magnetic anomaly.

7. 2015 Diamond Drilling Program Methodology

During the months of August to September of 2015, Mount Logan Resources completed a 494.5 meter drill hole. The program was designed for 2 reasons. Drill through the Nippissing Diabase and Gowganda formation to explore for Mississagi gold bearing conglomerates. Second reason is to test the Magnetic anomaly which lies within the Archean basement rocks. Both the objectives can be completed with the one hole designed. No mississagi basal conglomerates were intersected, however the magnetic anomaly was explained by iron formation. See log for details.

Hole ID	Easting	Northing	CLAIM #	TOWNSHIP	Dip	Azimuth	Length (m)	Total samples taken
CM-15-01	562208	5187494	4250782	Clement	-90	0	494.5	71

Table 2 – Drill Hole Summary

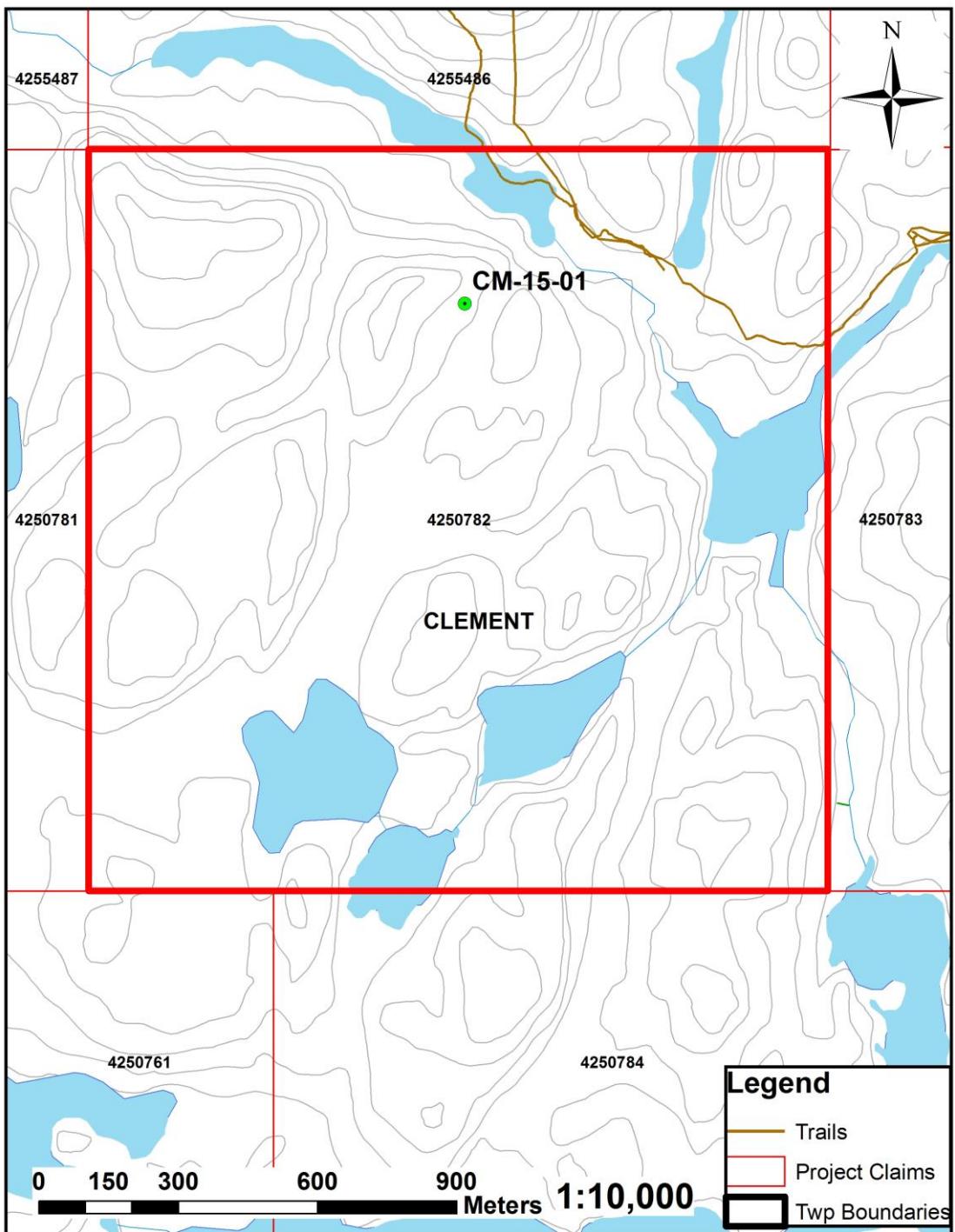


Figure 3 – Drill Hole location

8. Costs Statement

The total costs of \$65748.9 incurred on the claims. The costs are broken down in the table below.

Type of expense	Cost per unit	Total cost
Drilling (494.5m)	\$ 69.00 per/meter	\$34290.00
Materials		\$3338.57
Analytical (27 samples)	\$ 23.79 per/sample	\$642.33
Supervision / core logging	20days @ \$300	\$6000.00
Transportation	3196 kms @ \$0.55 per /km	\$1758.00
Trailer/Atv		\$1075.00
Core shack rental	\$3107.50 per month	\$18645.00

9. References

Dressler, Burkhart O. 1979: Geology of McNish and Janes Townships, District of Sudbury; Ontario Geological Survey Report 191, 91 p., Accompanied by Map 2425, scale 1:31,680.

Fairbairn, H.W. et al. 1960: Mineral and Rock Ages at Sudbury-Blind River, Ontario; Proceedings of the Geological Association of Canada, Volume 12, p. 41-66.

Ontario Geological Survey 1975: Map 2361, Sudbury-Cobalt Geological Compilation 27.

Stockwell, C.H. 1964: Fourth Report on Structural Provinces, Orogenies and Time Classification of the Canadian Precambrian Shield; p.1-21, in Age Determinations and Geological Studies, Part II, Geological Studies, Geological Survey of Canada, Paper 64-17, 29 p.

Van Schmus, W.R. 1965: The Geochronology of the Blind River-Bruce Mines Area, Ontario, Canada; Journal of Geology, Volume 73, Number 5, p. 755-780.

10. Certificate of Author

- 1) I am currently hired as Mining/Geological Technician for Inventus Mining Corp.
- 2) I graduated from Cambrian College with a Diploma in Mining/Geological Engineering Technology.
- 3) I have worked for Mount Logan Resources Ltd. Since 2009.
- 4) I am not aware of any material fact or material change with respect to the subject matter of this report, the omission to disclose which makes this report misleading.
- 5) I am not independent of Inventus Mining Corp., applying all tests in section 1.5 of NI43-101. I am under contract as Mining/Geological technician to the company.
- 6) As of the date of this certificate, and to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information related to the program here-in described.

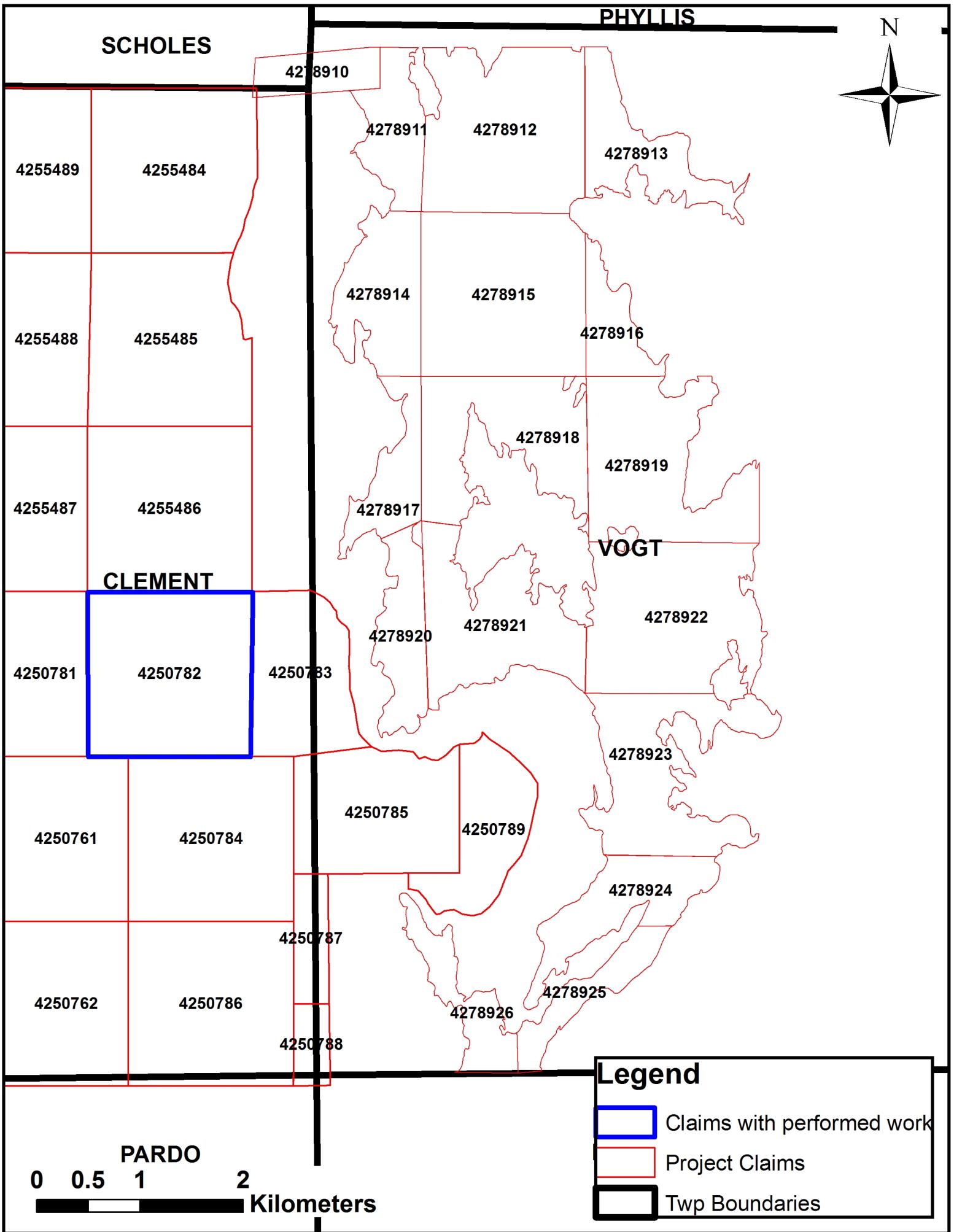
Dated

Signed:

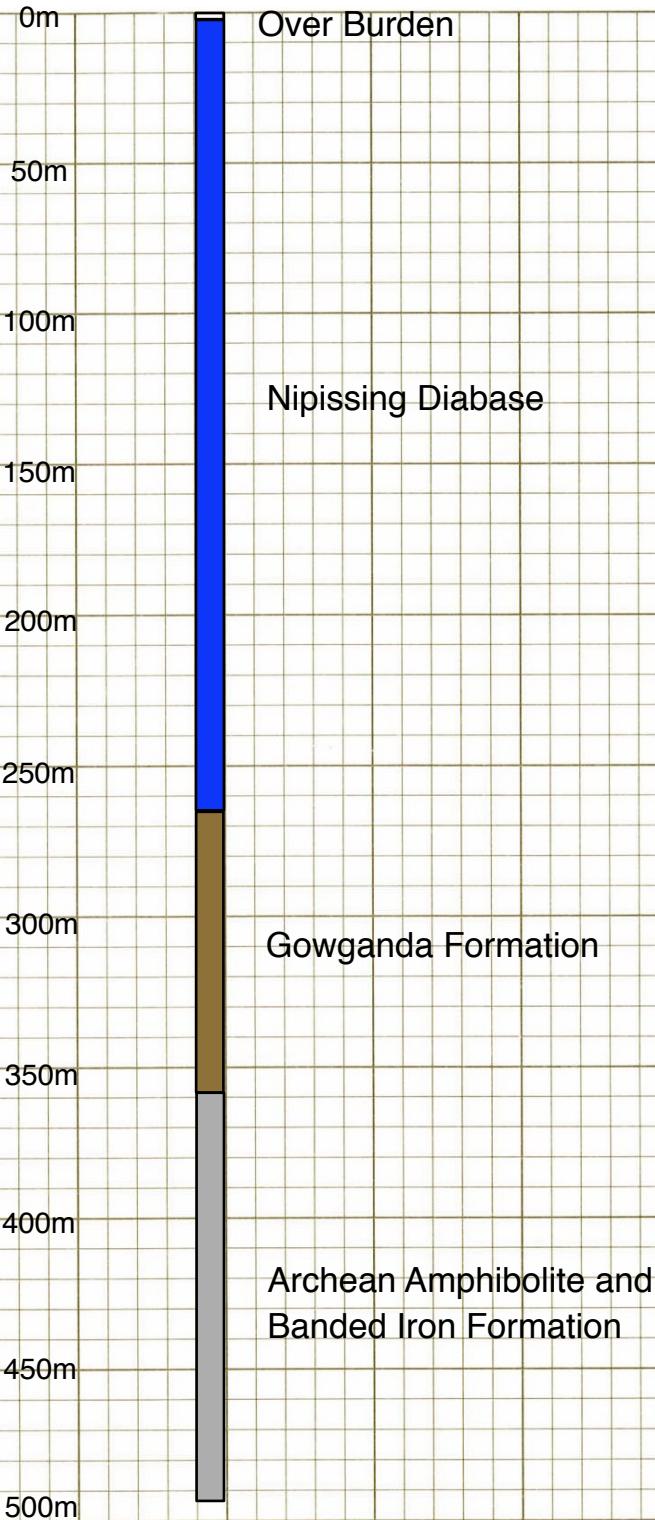
Winston Whymark

11. Appendices

- A1) 2015 drill log
- A2) Act Labs assay certificates
- A3) Sections of Hole CM-15-01



CM-15-01



Quality Analysis ...



Innovative Technologies

Date Submitted: 01-Oct-15
Invoice No.: A15-08340
Invoice Date: 09-Oct-15
Your Reference: Clement

Inventus Mining Corp.
101-957 Cambrian heights Dr
Sudbury ON P3C5S5
Canada

ATTN: Wesley Whymark

CERTIFICATE OF ANALYSIS

25 Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Sudbury Au - Fire Assay AA
Code 1E3-Sudbury Aqua Regia ICP(AQUAGEO)

REPORT **A15-08340**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:



Emmanuel Eseme , Ph.D.
Quality Control

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



Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	%	ppm	ppm																		
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP																					
2271	132																						
2272	7	0.3	< 0.5	< 1	1160	3	69	< 2	90	5.63	< 2	< 10	33	2.3	2	1.66	12	298	16.8	10	< 1	0.08	12
2273	< 5																						
2274	< 5	0.7	< 0.5	6	1350	< 1	13	3	39	0.83	4	< 10	54	1.6	7	0.39	2	< 1	37.8	< 10	1	0.56	< 10
2275	< 5																						
2276	< 5	0.4	< 0.5	< 1	790	< 1	153	< 2	95	5.50	28	< 10	< 10	2.0	4	0.38	31	695	12.5	10	< 1	< 0.01	< 10
2277	58																						
2278	32																						
2279	22																						
2280	< 5																						
2281	< 5																						
2282	13																						
2283	15																						
2284	75																						
2285	< 5																						
2286	24																						
2287	13	0.9	< 0.5	128	569	2	80	< 2	57	3.94	477	< 10	< 10	1.3	4	0.38	47	117	16.5	10	< 1	< 0.01	< 10
2288	18																						
2289	60																						
2290	< 5	0.3	< 0.5	15	792	< 1	82	< 2	121	6.09	2	< 10	18	1.4	8	0.91	20	307	16.2	10	< 1	0.04	19
2291	376																						
2292	8																						
2293	8																						
2294	< 5																						
2295	5	0.5	< 0.5	86	713	< 1	78	< 2	93	5.72	7	< 10	< 10	2.0	< 2	0.19	33	51	18.0	10	< 1	< 0.01	15

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm							
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP														
2271															
2272	4.10	0.046	0.107	< 0.01	10	17	26	0.08	< 1	< 2	< 10	146	< 10	14	20
2273															
2274	0.79	0.210	0.077	0.24	19	< 1	16	< 0.01	3	< 2	< 10	31	< 10	5	22
2275															
2276	4.95	0.015	0.151	< 0.01	9	22	10	0.09	8	< 2	< 10	154	< 10	12	24
2277															
2278															
2279															
2280															
2281															
2282															
2283															
2284															
2285															
2286															
2287	2.25	0.016	0.143	3.07	13	7	12	0.05	8	< 2	< 10	68	< 10	9	21
2288															
2289															
2290	4.90	0.023	0.123	0.26	11	19	25	0.09	10	< 2	< 10	128	< 10	8	19
2291															
2292															
2293															
2294															
2295	3.33	0.013	0.069	1.70	9	9	5	0.10	< 1	< 2	< 10	82	< 10	12	41

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	%	ppm																			
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP																					
GXR-1 Meas		27.2	1.9	1060	729	14	37	560	616	0.71	342	12	738	0.8	1350	0.83	6	6	20.2	< 10	3	0.04	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.8	< 0.5	6940	131	328	41	40	66	2.69	101	< 10	64	1.3	13	0.87	13	52	2.93	10	< 1	1.59	49
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.6	< 0.5	69	997	2	27	87	120	7.02	232	< 10	1110	0.9	< 2	0.15	12	75	5.43	20	< 1	1.09	10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OxD108 Meas	390																						
OxD108 Cert	414																						
SG66 Meas	1040																						
SG66 Cert	1090																						
2280 Orig	< 5																						
2280 Dup	< 5																						
2290 Orig	< 5																						
2290 Dup	< 5																						
2295 Orig		0.5	< 0.5	87	718	< 1	78	< 2	94	5.74	8	< 10	< 10	2.0	< 2	0.20	33	52	17.9	10	< 1	< 0.01	15
2295 Dup		0.5	< 0.5	86	708	< 1	78	< 2	93	5.71	7	< 10	< 10	2.0	6	0.19	33	51	18.0	10	< 1	< 0.01	14
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	3	< 2	< 2	< 0.01	3	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm							
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.17	0.079	0.034	0.18	79	< 1	180	< 0.01	11	< 2	26	72	138	21	22
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.58	0.134	0.112	1.66	5	6	76	0.13	9	< 2	< 10	76	12	11	10
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.40	0.080	0.031	0.01	8	21	33		5	3	< 10	165	< 10	6	10
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
OxD108 Meas															
OxD108 Cert															
SG66 Meas															
SG66 Cert															
2280 Orig															
2280 Dup															
2290 Orig															
2290 Dup															
2295 Orig	3.34	0.013	0.070	1.69	8	9	5	0.10	6	< 2	< 10	82	< 10	12	41
2295 Dup	3.33	0.013	0.067	1.70	11	9	5	0.10	< 1	< 2	< 10	82	< 10	12	41
Method Blank															
Method Blank															
Method Blank	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ...



Innovative Technologies

Date Submitted: 21-Sep-15
Invoice No.: A15-07962
Invoice Date: 29-Sep-15
Your Reference: Clement

Inventus Mining Corp.
101-957 Cambrian heights Dr
Sudbury ON P3C5S5
Canada

ATTN: Wesley Whymark

CERTIFICATE OF ANALYSIS

2 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1C-OES-Sudbury Fire Assay ICPOES

REPORT **A15-07962**

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Notes:

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

CERTIFIED BY:



Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1010 Lorne Street Unit West 4, Sudbury, Ontario, Canada, P3C 4R9
TELEPHONE +705 586-3288 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Sudbury@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Quality Analysis ...



Innovative Technologies

Date Submitted: 21-Sep-15
Invoice No.: A15-07962
Invoice Date: 29-Sep-15
Your Reference: Clement

Inventus Mining Corp.
101-957 Cambrian heights Dr
Sudbury ON P3C5S5
Canada

ATTN: Wesley Whymark

CERTIFICATE OF ANALYSIS

2 Rock samples were submitted for analysis.

The following analytical package was requested: Code UT-4 Total Digestion ICP/MS

REPORT **A15-07962**

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Notes:

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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TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Results

Sample number	Received Weight	Au FA-ICP1	Au FA-ICP2	Au Average FA-ICP	Pd FA-ICP1	Pd FA-ICP2	Pd Average FA-ICP	Pt FA-ICP1	Pt FA-ICP2	Pt Average FA-ICP	B TD-MS1	B TD-MS2	B Average TD-MS	Li TD-MS1	Li TD-MS2	Li Average TD-MS	Na TD-MS1	Na TD-MS2	Na Average TD-MS	Mg TD-MS1	Mg TD-MS2	Mg Average TD-MS	Al TD-MS1
2269	[Received Weight]	7		7	< 5		< 5	< 5		< 5	1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.01	0.91	0.89	0.90	< 0.01
2270	[Received Weight]	95		95	< 5		< 5	< 5		< 5	< 1		< 1	2.0		2.0	0.32		0.32	1.89		1.89	2.82

Results

Sample number	Al TD-MS2	Al Average TD-MS	K TD-MS1	K TD-MS2	K Average TD-MS	Ca TD-MS1	Ca TD-MS2	Ca Average TD-MS	Cd TD-MS1	Cd TD-MS2	Cd Average TD-MS	V TD-MS1	V TD-MS2	V Average TD-MS	Cr TD-MS1	Cr TD-MS2	Cr Average TD-MS	Mn TD-MS1	Mn TD-MS2	Mn Average TD-MS	Fe TD-MS1	Fe TD-MS2	Fe Average TD-MS
2269	0.01	< 0.01	0.03	0.03	0.03	4.39	4.34	4.37	< 0.1	< 0.1	< 0.1	3	2	3	23.8	28.3	26.0	3530	3600	3570	13.2	13.4	13.3
2270		2.82	0.98		0.98	1.67		1.67	< 0.1		< 0.1	72		72	78.6		78.6	3110		3110	28.9		28.9

Results

Sample number	Hf TD-MS1	Hf TD-MS2	Hf Average TD-MS	Ni TD-MS1	Ni TD-MS2	Ni Average TD-MS	Er TD-MS1	Er TD-MS2	Er Average TD-MS	Be TD-MS1	Be TD-MS2	Be Average TD-MS	Ho TD-MS1	Ho TD-MS2	Ho Average TD-MS	Hg TD-MS1	Hg TD-MS2	Hg Average TD-MS	Ag TD-MS1	Ag TD-MS2	Ag Average TD-MS	Cs TD-MS1	Cs TD-MS2
2269	0.2	0.2	0.2	2.8	3.0	2.9	0.4	0.4	0.4	0.7	0.8	0.7	0.1	0.1	0.1	60	40	50	0.68	0.48	0.58	1.19	1.19
2270	13.0		13.0	70.9		70.9	2.5		2.5	1.9		1.9	0.8		0.8	130		130	0.64		0.64	56.7	

QC

Sample number	Received Weight	Au Average FA-ICP	Pd Average FA-ICP	Pt Average FA-ICP	B Average TD-MS	Li Average TD-MS	Na Average TD-MS	Mg Average TD-MS	Al Average TD-MS	K Average TD-MS	Ca Average TD-MS	Cd Average TD-MS	V Average TD-MS	Cr Average TD-MS	Mn Average TD-MS	Fe Average TD-MS	Hf Average TD-MS	Ni Average TD-MS	Er Average TD-MS	Be Average TD-MS	Ho Average TD-MS	Hg Average TD-MS	Ag Average TD-MS
GXR-1 Meas	[Received Weight]				2	10.6	0.06	0.32	4.63	0.05	0.86	2.5	70	24.1	785	21.0	1.5	39.3		0.9		4080	30.8
GXR-1 Cert	[Received Weight]				15.0	8.20	0.0520	0.217	3.52	0.050	0.960	3.30	80.0	12.0	852	23.6	0.960	41.0		1.22		3900	31.0
DH-1a Meas	[Received Weight]																						
DH-1a Cert	[Received Weight]																						
SDC-1 Meas	[Received Weight]				< 1	30.7	1.31	0.90	7.59	1.44	0.98		94	63.2	831	4.76	2.5	38.3	3.8	2.6	1.2	70	
SDC-1 Cert	[Received Weight]				13.00	34.00	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30	38.0	4.10	3.00	1.50	200.00	
GXR-6 Meas	[Received Weight]				3	36.9	0.11	0.62	> 10.0	1.06	0.24	< 0.1	160	61.8	984	5.22	4.2	25.8		1.0		100	0.33
GXR-6 Cert	[Received Weight]				9.80	32.0	0.104	0.609	17.7	1.87	0.180	1.00	186	96.0	1010	5.58	4.30	27.0		1.40		68.0	1.30
DNC-1a Meas	[Received Weight]					3.9							146	232				295					
DNC-1a Cert	[Received Weight]					5.20						148.0000	270				247						
PK2 Meas	[Received Weight]	4650	5790	4710																			
PK2 Cert	[Received Weight]	4785.000	5918.000	4749.000																			
SBC-1 Meas	[Received Weight]					149						0.3	209	81.2				4.9	97.7	3.8	2.8	1.2	
SBC-1 Cert	[Received Weight]					163.0						0.40	220.0	109				3.7	82.8	3.80	3.20	1.40	
OREAS 45d (4-Acid) Meas	[Received Weight]					19.8	0.09	0.21	7.91	0.42	0.18		185	535	503	14.8	7.5	265	1.5	0.7	0.5		
OREAS 45d (4-Acid) Cert	[Received Weight]					21.50	0.101	0.245	8.150	0.412	0.185		235.0	549.0	490.000	14.520	3.830	231.0	1.38	0.79	0.46		
CDN-PGMS-25 Meas	[Received Weight]	459	1800	395																			
CDN-PGMS-25 Cert	[Received Weight]	483	1830	400																			
SdAR-M2 (U.S.G.S.) Meas	[Received Weight]					15.7						6.1	26	67.8				6.7	57.4	2.9	5.7	0.8	1280
SdAR-M2 (U.S.G.S.) Cert	[Received Weight]					17.9						5.1	25.2	49.6				7.29	48.8	3.58	6.6	1.21	1440.00
Method Blank	[Received Weight]	< 2	< 5	< 5																			
Method Blank	[Received Weight]	< 2	< 5	< 5																			
Method Blank	[Received Weight]				< 1	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	< 0.5	< 1	< 0.01	< 0.1	< 0.5	< 0.1	< 0.1	< 10	< 0.05	

QC

Sample number	Cs Average TD-MS	Co Average TD-MS	Eu Average TD-MS	Bi Average TD-MS	Se Average TD-MS	Zn Average TD-MS	Ga Average TD-MS	As Average TD-MS	Rb Average TD-MS	Y Average TD-MS	Zr Average TD-MS	Nb Average TD-MS	Mo Average TD-MS	In Average TD-MS	Sn Average TD-MS	Sb Average TD-MS	Te Average TD-MS	Ba Average TD-MS	La Average TD-MS	Ce Average TD-MS	Pr Average TD-MS	Nd Average TD-MS	Sm Average TD-MS
GXR-1 Meas	2.45	7.6	0.46	1310	15.3	680	0.2	418	3.8	25.8	40	1.9	17.5	0.8	32	53.3	11.9	599	7.7	15.2		8.7	2.4
GXR-1 Cert	3.00	8.20	0.690	1380	16.6	760	13.8	427	14.0	32.0	38.0	0.800	18.0	0.770	54.0	122	13.0	750	7.50	17.0		18.0	2.70
DH-1a Meas																							
DH-1a Cert																							
SDC-1 Meas	3.68	19.5	1.28			108	10.5	0.4	106		56	24.2			3	0.5		347	42.6	82.1		42.5	7.7

Activation Laboratories Ltd.

Report: A15-07962

Sample number	Cs Average TD-MS	Co Average TD-MS	Eu Average TD-MS	Bi Average TD-MS	Se Average TD-MS	Zn Average TD-MS	Ga Average TD-MS	As Average TD-MS	Rb Average TD-MS	Y Average TD-MS	Zr Average TD-MS	Nb Average TD-MS	Mo Average TD-MS	In Average TD-MS	Sn Average TD-MS	Sb Average TD-MS	Te Average TD-MS	Ba Average TD-MS	La Average TD-MS	Ce Average TD-MS	Pr Average TD-MS	Nd Average TD-MS	Sm Average TD-MS
SDC-1 Cert	4.00	18.0	1.70			103.00	21.00	0.220	127.00		290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20
GXR-6 Meas	3.49	13.7	0.45	< 0.02	< 0.1	131	20.4	308	71.9	11.6	93	6.6	1.78	< 0.1	1	2.4	< 0.1	808	12.4	32.9		12.3	2.2
GXR-6 Cert	4.20	13.8	0.760	0.290	0.940	118	35.0	330	90.0	14.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67
DNC-1a Meas		62.4	0.48			67.6	12.6			4.8	16.4	44	2.3				0.8		58	3.9			5.1
DNC-1a Cert		57.0	0.59			70.0	15		5	18.0	38.0	3				0.96		118	3.6			5.20	
PK2 Meas																							
PK2 Cert																							
SBC-1 Meas	7.91	25.2	1.60	0.58		204	15.5	28.3	119	32.8	125	18.3	2.34		3	0.9		403	52.9	102	13.1	51.9	8.7
SBC-1 Cert	8.2	22.7	1.98	0.70		186.0	27.0	25.7	147	36.5	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6
OREAS 45d (4-Acid) Meas	3.72	33.7	0.51	0.21		46.9	19.6	15.3	52.0	12.7	186	22.8	2.60	0.1	3	0.7		110	19.0	40.9	4.3	16.1	3.0
OREAS 45d (4-Acid) Cert	3.910	29.50	0.57	0.31		45.7	21.20	13.80	42.1	9.53	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80
CDN-PGMS-25 Meas																							
CDN-PGMS-25 Cert																							
SdAR-M2 (U.S.G.S.) Meas	1.66	14.7	1.03	1.00		839	2.7		121	24.9	144	40.4	15.4					507	44.0	88.1	10.2	38.6	6.0
SdAR-M2 (U.S.G.S.) Cert	1.82	12.4	1.44	1.05		760	17.6		149	32.7	259	26.2	13.3					990	46.6	98.8	11.0	39.4	7.18
Method Blank																							
Method Blank																							
Method Blank	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

QC

Sample number	Gd Average TD-MS	Tb Average TD-MS	Dy Average TD-MS	Cu Average TD-MS	Ge Average TD-MS	Tm Average TD-MS	Yb Average TD-MS	Lu Average TD-MS	Ta Average TD-MS	Sr Average TD-MS	W Average TD-MS	Re Average TD-MS	Tl Average TD-MS	Pb Average TD-MS	Th Average TD-MS	U Average TD-MS
GXR-1 Meas	3.3	0.6	4.1	889		0.3	2.1	0.3	< 0.1	307	142		0.38	643	2.6	30.7
GXR-1 Cert	4.20	0.830	4.30	1110		0.430	1.90	0.280	0.175	275	164		0.390	730	2.44	34.9
DH-1a Meas														> 500		2150
DH-1a Cert														910		2629
SDC-1 Meas	6.2	0.9	6.0	36.4		0.5	3.3		2.2	194	0.8		0.59	24.6	11.8	2.9
SDC-1 Cert	7.00	1.20	6.70	30.000		0.65	4.00		1.20	180.00	0.80		0.70	25.00	12.00	3.10
GXR-6 Meas	1.9	0.3	2.0	72.4		1.6	0.2	0.5	53.6	1.4		1.96	94.0	4.9	1.3	
GXR-6 Cert	2.97	0.415	2.80	66.0		2.40	0.330	0.485	35.0	1.90		2.20	101	5.30	1.54	
DNC-1a Meas				107			2.0			163			5.5			
DNC-1a Cert				100.00			2.0			144.0			6.3			
PK2 Meas																
PK2 Cert																
SBC-1 Meas	7.3	1.0	6.2	37.8		0.6	3.6	0.5	1.7	206	1.4		0.88	37.9	16.3	6.1
SBC-1 Cert	8.5	1.20	7.10	31.0000		0.56	3.64	0.54	1.10	178.0	1.60		0.89	35.0	15.8	5.76
OREAS 45d (4-Acid) Meas	2.3	0.4	2.5	422			1.6	0.2	2.4	35.9	1.6		0.27	23.1	16.7	3.0
OREAS 45d (4-Acid) Cert	2.42	0.400	2.26	371.0			1.33	0.18	1.02	31.30	1.62		0.27	21.8	14.5	2.63
CDN-PGMS-25 Meas																
CDN-PGMS-25 Cert																
SdAR-M2 (U.S.G.S.) Meas	4.7	0.7	4.6	271		0.4	2.8	0.4	3.0	162	3.5			756	13.6	2.4
SdAR-M2 (U.S.G.S.) Cert	6.28	0.97	5.88			0.54	3.63	0.54	1.8	144	2.8			808	14.2	2.53

Sample number	Gd Average TD-MS	Tb Average TD-MS	Dy Average TD-MS	Cu Average TD-MS	Ge Average TD-MS	Tm Average TD-MS	Yb Average TD-MS	Lu Average TD-MS	Ta Average TD-MS	Sr Average TD-MS	W Average TD-MS	Re Average TD-MS	Tl Average TD-MS	Pb Average TD-MS	Th Average TD-MS	U Average TD-MS	
Cert				236.0000													
Method Blank																	
Method Blank																	
Method Blank	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1