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**Report on
2013 Diamond Drill Program
in the
Jack Rabbit Group,
Chester Township,
South Swayze Property,
Porcupine Mining Division,
Ontario, Canada**

**Mining Lease
CLM266**

**UTM (NAD 83 – Zone 17)
NTS: 41 P/12**

**Performed by
Trelawney Mining and Exploration Inc.**

Remi Boucher B.Sc. G.I.T

17 July, 2015

Contributions by Neil Kennedy B. Sc.

And Alan Smith M.Sc., P.Geo

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1.0 INTRODUCTION

1.1 GENERAL

This report has been prepared to meet requirements for the filing of assessment work under the provisions of the Ontario Mining Act, and describes results of a diamond drilling program performed by Trelawney Mining and Exploration Inc. in Chester Township, within the central part of the South Swayze Property, Porcupine Mining District, Ontario.

Two drill holes totaling 494.4 meters tested an area within Mining Lease CLM266 that is referred to in this report as the Jack Rabbit Claim Group. The mining lease is also referred to as the Chester 3B property.

The diamond drill program was performed December 1st to December 7th, 2013 (by Chenier Drilling). Diamond drill core logging was completed from December 2nd to December 10th, 2013 (by Remi Boucher). The author was on-site for the duration of this work supervising the drilling company, monitoring mineralized zones and completing the core logging.

2.0 LOCATION, ACCESS, PROPERTY OWNERSHIP, CLIMATE AND PHYSIOGRAPHY

2.1 LOCATION & ACCESSIBILITY

The Jack Rabbit group is situated 130 km South of Timmins and 190km North of Sudbury ([Fig. 1](#)) to the southwest of the town of Gogama. It lies within the South Swayze Property, and semi-continuous 45 kilometer long section of ground stretching southeast from west of Opeepeesway Lake to east of Highway #144. The Jack Rabbit Claim Block lies 1.7km east of the Cote Gold deposit and 1.5km north of historical Chester Mine.

This part of the property is accessible via Mesomikenda Lake Road through the Iamgold exploration camp and is accessible by vehicle and is within close proximity to Chester mine.

2.2 PROPERTY OWNERSHIP

CLM266 is a Mining Lease which on November 22, 2011, Trelawney Mining and Exploration Inc. earned 92.5% interest from TIC (Trelawn Group Inc. or Treelawn) with Treelawn retaining a residual 7.5% net profits interest. Trelawney Mining and Exploration Inc. is a wholly owned (100%) subsidiary of IAMGOLD Corp.

2.3 CLIMATE AND PHYSIOGRAPHY

The climate on the South Swayze Property is similar to that of Timmins, to the north for which Environment Canada indicates that the 10-year temperature range is from +38.9°C to -45.6°C. The average annual precipitation in the form of snow and rain is approximately 85 cm and falls evenly throughout the year.

This part of the South Swayze Property is typical of the Ontario northland, with extensive tree cover and limited topographic relief, accompanied by local swamps.

3.0 PROPERTY DESCRIPTION AND LOCATION

3.1 DESCRIPTION AND LOCATION

The Jack Rabbit claim group, centered at UTM 432461m E, 5268581m N, consists of approximately 117 hectares in close proximity to the Cote Gold Deposit (located 2 km to the west).

Table 1 summarizes information for the Chester 3B mining lease on which the 2013 drilling program was completed.

Table 1 JACK RABBIT GROUP – CHESTER 3B

Township	Claim Number	Area (ha)	Start Date	Lease Expiry Date
CHESTER	CLM266	117.156	01-Apr-05	31-Mar-26
Total		117.156		

Figure 1: Jack Rabbit Property Location



4.0 EXPLORATION HISTORY

Historical gold exploration within the Jack Rabbit claim block and surrounding Chester property is described briefly.

4.1 PREVIOUS EXPLORATION WORK – JACK RABBIT CLAIM BLOCK

1978 - Canadian Crest Gold Mines and Baxter Minerals Ltd conducted an airborne magnetic and radiometric survey.

1979: Canadian Crest Gold Mines and Baxter Minerals Ltd completed power trenching in the east-central and southeast areas of the property

1980: Hargor Resources Inc. conducted regional airborne magnetic and electromagnetic surveys covering the property.

1981: Kidd Resources completed power stripping near Chester Road uncovering limited amounts of bedrock and few old pits and trenches. No assay results reported.

1984: Chester Minerals carried out geological evaluations of the No 4 Vein as well as various other occurrences throughout the property

1985: Kidd Resources Ltd completed additional power stripping and bedrock washing adjacent to the Chester Road and various other locations across property. This is possibly the work that uncovered the “Quartz Showing”. No assay results reported.

1987: Chesbar Resources Inc. conducted systematic exploration in Chester and Yeo townships including areas within the current property. Work included VLF-EM and magnetic surveys on 60m spaced lines and geological mapping. Geophysical interpretation from the surveys was able to delineate geological contacts between tuffaceous rocks and granodiorite to the south. Several magnetic highs were interpreted to reflect mineralization and magnetic anomalies trended parallel to the VLF-EM conductors.

1987: Young Shannon Gold Partnership carried out a 7 DDH program to test the mineralization around the No 3 and 4 Veins as well as Shannon and Young Islands. Holes were selectively sampled returning assays up to 17g/t over 0.61m.

1988: Chesbar Resources Inc. drilled 4 holes totaling 408.8m. Holes B-88-14 and B-88-21 targeted Chesbar’s “Southern Zone” (we refer to these areas as E & F). B-88-4 undercut and series of mineralized pits referred to by Chesbar as the “Northern Zone” (Area A-C). The fourth hole B-88-18 targeted the “Naja Zone”. Roughly 20% of these holes were selectively sampled, however no results were reported. (Note: All of these collars were located in the field in 2013 by IMG).

1988: Crown Minerals ran short test lines over the main stripped area to investigate VLF-EM conductors previously outlined by Chesbar.

1999: Robert Dues collected a total of 50 surface rock grab samples over most of the property and documented mineralized zones (Areas A – F) reporting gold values ranging from <0.001 to 1.33 oz/t.

Duess also sampled Areas A, E and F that were not mentioned in any previous reports. It is possible that they were discovered and stripped in the 1990's and the work not filed for assessment.

2010: Crown Minerals stripped Areas E and F and the Quartz Showing and completed geological mapping. Most of the sampling focused on stripped Areas E and F due to previous high-grade gold results reported by Duess in 1999. Material collected was in either grab or channel sample form. Crown reported results up to 15.62 g/t gold in Area E and 18.82 g/t gold in Area A.

2010: Pierre Robert conducted ground total field magnetic and VLF-EM surveys over the southern boundary of the Clam Lake property interpreting a VLF-EM anomaly and an anomalous magnetic conductor trend.

4.2 JACK RABBIT CLAIM BLOCK SAMPLING PROGRAM

A total of 346 historical rock samples were assayed between 2010 and 2012 within the Jack Rabbit property in order to determine the potential for economic Au on the property. The purpose was to find gold bearing structures and to help with detailed mapping and structural controls in future exploration programs. A sampling program was completed in October 2013 in order to further define known gold bearing structures and to test new zones within the Jack Rabbit property. A total of 141 grab samples were taken and sent to the labs for assay. Highlights include 55.5g/t and 8.38g/t within shear zones (containing qtz carbonate veins and diss Py+Cpy) approximately 450m SE of Jack Rabbit #2 Zone. These highly anomalous results were followed-up by subsequent geological mapping which identified Zone #2 and area to the south as priority drill targets. DDH JRA13-01 was completed to test the favorable Au assay results and prospective stratigraphy.

5.0 GEOLOGICAL SETTING

5.1 REGIONAL GEOLOGY

The Jack Rabbit Claim Block lies within the southern Swayze Greenstone Belt - a northwest to west-trending belt of metamorphosed Archean volcanic, sedimentary and intrusive rock that is bounded by granitoid batholiths (Ayer et Trowell, 2002). This belt is considered to be a western continuation of the richly mineral-endowed Abitibi Greenstone Belt.

A prominent sedimentary band that is up to several kilometers wide and that has been assigned to the late Archean Timiskaming Series strikes for over twenty-six kilometers southeast across this belt. This band is similar in age and composition to a unique group of Timiskaming sedimentary rock in the Kirkland Lake gold camp 230 kilometers to the northeast, has been intruded by intermediate feldspar porphyry and is host to a considerable amount of the gold mineralization, including the Jerome Mine.

The volcanic rock that engulfs the Timiskaming band is assigned to the older Keewatin series, and in this part of the Swayze Greenstone Belt, is mainly mafic and intermediate in composition. Subordinate relatively narrow intercalated sedimentary bands within this volcanic rock are comprised of wacke, siltstone, argillite and iron formation.

Intrusive bodies of tonalite, gabbro, quartz-feldspar porphyry, lamprophyre and diabase are also present.

Shearing is common throughout the southern Swayze, with foliation, shear planes, and primary layering mainly sub-vertical. Several of the deformation zones that are present are thought to be extensions of prominent structures in the Kirkland Lake camp; and these cut Timiskaming rock, younger intrusive feldspar porphyry and older Keewatin volcanic and sedimentary rock in the area.

Metamorphism within the southern part of the Swayze Greenstone Belt is largely upper greenschist facies.

The Jack Rabbit Claim Block is also located immediately east 1.7km of the Cote Deposit and varied distances east of several historic gold deposits in Chester Township with significant resources (Table 2).

Table 2: Summary of Historic Gold Resources in Chester Township

Deposit	Tons	Grade (oz/t)	Ounces	Classification
Murgold-Chesbar	159,000	0.43	68,400	Measured resource
Young-Shannon	222,000	0.354	77,900	Indicated resource
Jack Rabbit	342,000	0.36	123,000	Indicated resource
Total	723,000	0.37	269,300	
Additional resources				
Murgold-Chesbar	240,000	0.19	41,800	Inferred resource
Young-Shannon	725,000	0.16	116,000	Inferred resource
Jack Rabbit	100,000	0.36	36,000	Inferred resource
Total	1,045,000	0.19	193,800	

Source: McBride, 2002.

5.2 PROPERTY GEOLOGY – JACK RABBIT CLAIM BLOCK

The Jack Rabbit Claim Block is underlain by a portion of a large intrusive body of tonalite known as the Chester Intrusive Complex. Bodies of mafic to intermediate intrusives cut through the tonalite on a broad scale. Lithologies included diorite, tonalite, diabase, and minor units of feldspar porphyry and diorite breccia. Gold bearing structures trend E-W dipping south but can also be associated with the N-S structural trends where the late diabase dike intrusions occur. Minor to moderate shearing can be observed parallel to E-W structures and hosts intense silica and sericite alteration adjacent to structural features.

Exploration focus began around Jack Rabbit's historical zone 1 (No. 20 vein), zone 2 and zone 3 (Texas Gulf zone) where multiple gossanous zones with Py and Cpy within quartz veining and fractures were identified and mapped in detail. These gossanous zones trending E-W and dipping steeply south, were found at contacts between diorite and tonalite or within these units along structural deformation zones (fractures, folds). These gossanous zones were found within Zone 1 (No. 20 vein) and zone 2.

5.3 DEPOSIT TYPES

The deposits in the Swayze belt are hosted within the Chester intrusive complex and known porphyry Au deposit with over 7 million ounces inferred. The Jack Rabbit property lies 1.7km NE of this deposit but shows gold bearing quartz vein typical of greenstone belt orogenic lode-gold systems. It is possible that the Cote Gold porphyry deposit nearby has left an epithermal footprint within nearby structures and high grade gold veins within the Jack Rabbit property and surrounding areas.

6.0 2013 DIAMOND DRILL PROGRAM

6.1 TECHNICAL ASPECTS OF THE DRILL PROGRAM

A 483.6 m two-hole diamond drill program was completed on the Jack Rabbit property from December 1st to December 7th to test an IP anomaly for JRA13-01 within historical zone #2 and JRA13-02 to undercut JRA11-01 within zone #1 (No.20 vein).

Chenier Drilling of Hamner, Ontario employed a hydraulic drill (CD-3000) to drill BQW-sized drill core (42 mm diameter) to a maximum down-hole depth of 294.3 meters. Core recovery was very high. Drill hole inclination was surveyed at fifty meter intervals with a Reflex single shot tool which employs a magnetic compass to measure azimuth and a pendulum inclinometer to measure dip.

The drill hole collars were positioned with a Garmin 78S GPS unit and the drill was aligned using an APS unit in order to increase dip/azimuth accuracy.

6.2 TRELAWNEY MINING AND EXPLORATION INC. PERSONNEL

The drill program was designed by Remi Boucher (of Sudbury), in consultation with and approved by Alan Smith of Sudbury, Ontario.

Contractor supervision and drill core logging and sampling was performed by Remi Boucher of Sudbury, Ontario. Core cutting was performed by hourly contract technicians from Matagami, Ontario. This work was conducted at Trelawney Mining and Exploration Inc.'s exploration camp (Klondike Camp) at Mesomekinda Lake, 10km north of the junction of Highways #144 and #560.

6.3 DRILL HOLE INFORMATION

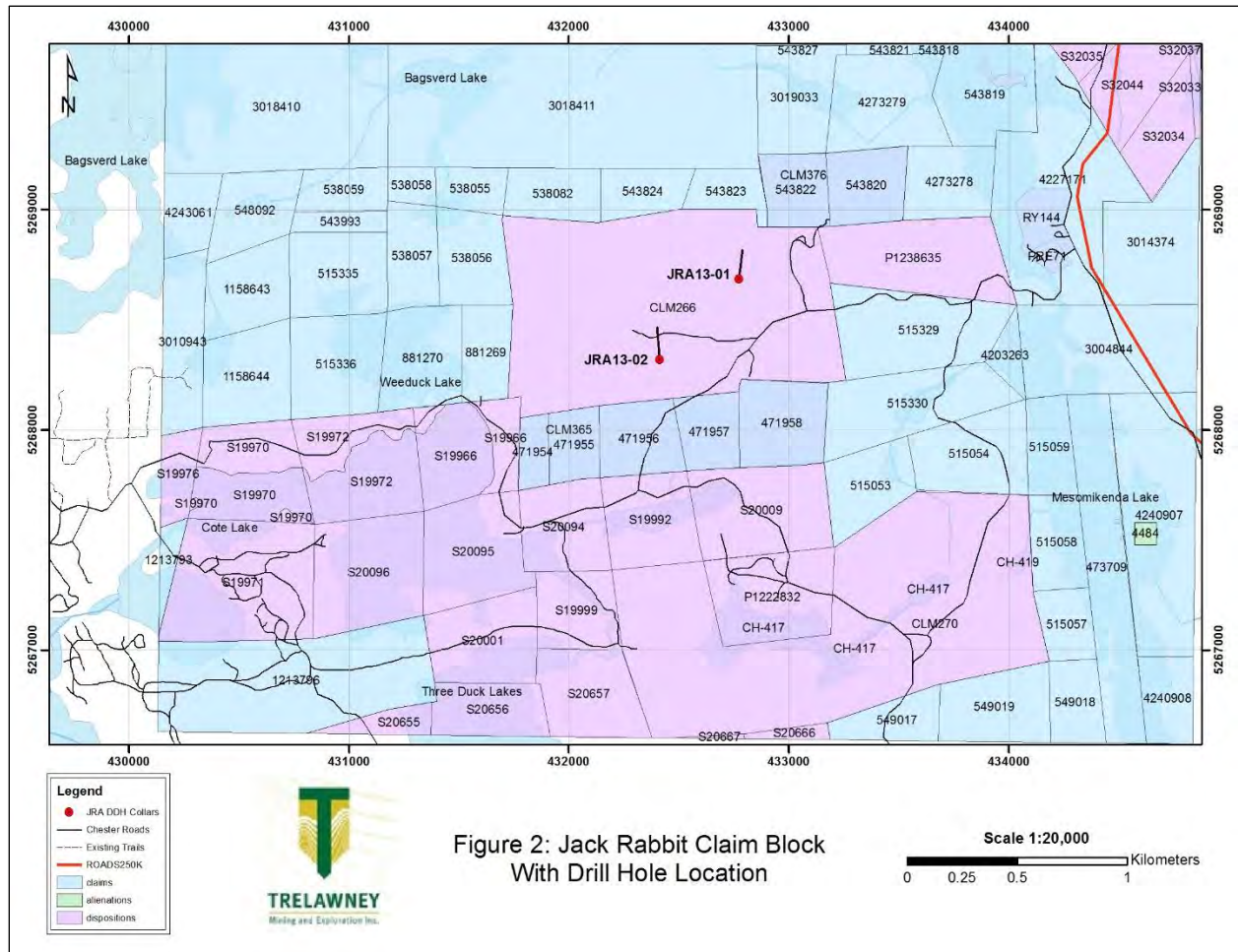
DDH No	Purpose
JRA13-01	To test stratigraphy hosting an IP Chargeability anomaly within Jack Rabbit historical #2 zone east of Jack Rabbit
JRA13-02	To undercut JRA11-01 within Zone #1 (No.20 vein) with known intersect of 9.21g/t over 9.5m

Drill hole information is summarized below ([Table 4](#)) with UTM co-ordinates in NAD 83 Zone17.

Table 4: Summary of Drill Hole Information

Drill Hole No.	utm_E	utm_N	Elev (m)	Az (Deg)	Dip (Deg)	Depth (m)	Start Date	Finish Date
JRA13-01	432774	5268685	401	359.7	-47	201	1-Dec-13	3-Dec-13
JRA13-02	432413	5268319	402	351.2	-60.6	293.4	4-Dec-13	7-Dec-13

Figure 2 - Jack Rabbit Block Claim Map and 2013 Diamond Drill Hole Locations



6.4 DRILL HOLE JRA13-01 RESULTS

JRA13-01 was designed to test an IP anomaly approximately 350m west of JR10-01 (34.39g/t over 3.2m), JR10-03 (12.60g/t over 4.4m), and JR10-05 (8.09g/t over 3.7m). Surface grabs taken in a gossanous zone with quartz veining above the IP anomaly yielded results up to 67g/t. Stratigraphy encountered in this hole included diorite intruded by minor units of diabase and a mafic dyke. The drill hole successfully intersected the mineralized structure projected from surface with two mineralized zones intersected as follows:

- 95.0-97.8m: Two qtz veins 10-15cm wide with disseminated Po (8%), Py (6%), and diss Cpy (2%) as well as patch of molybdenite (<2%). Note: IP chargeability anomaly estimated @100m Downhole which corresponds with mineralized zone.
- 108.0-111.6m : Highly silicified Diorite, qtz flooding causing brecciation of fragments, disseminated Py (6%), Po (4%), and Cpy (1.5%). Note: Surface structure projection at a depth of 130m downhole.

Assay results for these mineralized zones showed anomalous Au values of 0.38g/t over 0.6m and 0.24g/t over 3.6m, which shows a noticeable increase compared to barren areas. Assay certificates are included in Appendix B.

6.5 DRILL HOLE JRA13-02 RESULTS

JRA13-02 was designed to undercut JRA11-01 with known intersect of 9.21g/t over 9.5m within mafic shear zones in order to test its continuation at depth and to better understand structural controls associated with the Jack Rabbit zone #1 (No. 20 vein).

The drill intersected diabase for a large portion of the hole which is believed to be due to its location further south as well as deviation of the azimuth to the west. It showed signs of coming out of the diabase by chill margins and tonalitic fragments containing diss Po, Py.

Tonalite was intersected from 200.7-266.3m containing an elevated amount of Po and Py diss within the host as well as along fractures. This mineralized zone was found at the expected target depth but did not intersect mafic shear zones known to host gold from hole JRA11-01. Assays yielded no gold hits for the mineralized zone or any other locations.

7.0 CONCLUSIONS

DDH JRA13-01 intersected a series of quartz veins with semi-massive pyrite and pyrrhotite which corresponds to the IP anomaly. Though no high grade values were found, there were anomalous gold values within these quartz veins up to 0.5g/t which indicate the possibility of higher grade values along strike. JRA13-02 undercut historical drill hole JR11-01 to test continuity of a gold intersect within a mafic shear zone at depth. However the shear zone was not intersected.

8.0 RECOMMENDATIONS

Given the proximity of JRA13-01 to a known gold zone further east, it is suggested to plan a drill hole along strike of the IP anomaly towards the known gold zone in order to test the continuity and importance of the anomaly. Since the shear zone wasn't intersected when drilling JRA13-02, this disproves the continuity of the gold zone at depth striking East-West..

REFERENCES

Ayer, J.A and Trowell, N.F. 2002. Geological Compilation of the Swayze Area, Abitibi Greenstone Belt, Ontario Geological Survey, Preliminary Map P.3511, Scale 1:100 000

Berger, B.R. 2012. Precambrian geology, south of Gogama area. Ontario Geological Survey, Preliminary Map P.3762, scale 1:50,000

STATEMENT OF QUALIFICATIONS – REMI BOUCHER

I, Remi Boucher, do hereby certify that:

1. I have been G.I.T. – Regional Exploration for Trelawney Mining and Exploration Inc., a wholly-owned subsidiary of IAMGOLD, since February, 2011.
2. I graduated with a Bachelor of Science Degree in Geology from Laurentian University in 2013.
3. I am a Member of the PDAC, and OPA.
4. I have worked as a Geologist for 18 months since graduating from University.
5. I am responsible for the writing of this report, execution of the drilling program, and was on site between the time of Dec. 1st 2013 to Dec. 10th 2013.
6. I have been involved in the Trelawney Mining and Exploration Inc. Ontario Exploration program since April 2011.

Dated July 17th, 2015

STATEMENT OF QUALIFICATIONS

Neil Kennedy, B.Sc. (Hons), Geology

Tel: (705) 221-6248

Email: neil_kennedy@iamgold.com

46 Russel Street
Gogama, Ontario
P0M 1W1

I, Neil Kennedy, B.Sc. do hereby certify that:

1. I have been a Senior Exploration Field Geologist for Trelawney Mining and Exploration Inc. since September 07, 2011.
2. I graduated with a B.Sc. (Hons) Major Degree in Geology & Geography from Brandon University in 2011.
3. I am a member of the Prospectors and Developers Association of Canada.
4. I have worked as a Geologist for more than 3 years since my graduation from University.
5. I am responsible for contributions to this report.
6. I have been involved in exploration programs in the Arimathaea East, South Swayze, Benneweis Township, and the Chester Township since early 2012.

Dated the 17th day of July, 2015.

Neil Kennedy, B.Sc. (Hons)
Senior Field Exploration Geologist,
Trelawney Mining and Exploration Inc.



STATEMENT OF QUALIFICATIONS – ALAN SMITH

I, Alan Smith, do hereby certify that:

1. I have been the District Manager – Exploration for Trelawney Mining and Exploration Inc., a wholly-owned subsidiary of IAMGOLD, since February, 2013.
2. I graduated with an Honors Bachelor of Science Degree in Geology from the University of Western Ontario in 1984. I completed an M.Sc. Degree in Geology at the University of Western Ontario in 1987.
3. I am a practicing member in good standing with the Association of Professional Geoscientists of Ontario (Membership Number 0201). I am also a Member of the PDAC, CIM, and OPA.
4. I have worked as a Geologist for more than 26 years since graduation from University.
5. I am responsible for the supervision of the 2013 Diamond Drilling Program on the Jack Rabbit Property and have reviewed the contents of this assessment report.
6. I have been involved in the Trelawney Mining and Exploration Inc. Ontario Exploration program since February of 2013.

Dated July 17th, 2015



Alan Smith

APPENDIX A:

Drill Logs for Drill Holes JRA13-01 & JRA13-02

DRILL HOLE REPORT

Hole Number: **JRA13-01**

Project: **COTE GOLD**

Project Number: **001**

Drilling	Casing	Core	Location	Other
Azimuth: 359.7	Length: 3	Dimension: BQTW	Claim No.:	Company: IAMGOLD
Dip: -49.5	Pulled: no	Diam Chang: no	NTS:	Contractor: Chenier
Length: 201	Capped: yes	Storage: Klondike Lodge	Hole:	Spotted by: Remi Boucher
Started: 01-Dec-13	Cemented:	Hole Type	Section:	Surveyed: no
Completed: 04-Dec-13	Left in hole: no	Logged by: Remi Boucher	Zone: 17	Surveyed by:
Logged: 02-Dec-13	Making water:	Relog by:	NAD: NAD83	Multi shot su yes
Township: CHESTER	Plugged:			
Target: Jack Rabbit				
Comment:			Coordinate - Gemcom	Coordinate - UTM
			East: 432774	East: 432774
			North: 5268685	North: 5268685
			Elev.: 401	Elev.: 401
			Coordinate - Local	East: 0
				North: 0
				Elev.: 0

Deviation Tests

Density Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Easting</i>	<i>Northing</i>	<i>Elevation</i>	<i>Mag. Fie.</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	359.70	-49.50	0	0	0	0	C	<input checked="" type="checkbox"/>	
51.00	10.30	-49.30	0	0	0	0		<input checked="" type="checkbox"/>	
102.00	5.50	-48.70	0	0	0	0		<input checked="" type="checkbox"/>	
160.00	7.80	-47.90	0	0	0	0		<input checked="" type="checkbox"/>	
201.00	6.90	-47.30	0	0	0	0		<input checked="" type="checkbox"/>	

LITHOLOGY REPORT
- Detailed -

Hole Number **JRA13-01**

Project:

Project Number:

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>AV</i> <i>Au</i> <i>(ppm)</i>	<i>FA</i> <i>Au</i> <i>(ppm)</i>	<i>FA2</i> <i>Au</i> <i>(ppm)</i>	<i>FA3</i> <i>Au</i> <i>(ppm)</i>
3.00	28.00	DR Diorite										
Qtz Diorite, dark green, mg to cg, patchy hem alt, epi+hem fractures, pervasive moderate silicification throughout. Mineralization is py diss tr-1%, Few minor qtz veins <1cm hosting 1-2% py. Unit cross cut by 2% qtz total (1 vein 10cm), and cross cut by diabase dyke. LC with diabase sharp @ CA of 20 degrees.												
Alteration Maj: Type/Style/Intensity Comment												
3.00 - 10.50 EP FRC 1 Epidotization, Along Fractures, Very weak												
3.00 - 10.50 HM FRC 2 Hematization, Along Fractures, Weak												
3.00 - 10.50 SI PV 3 Silicification, Pervasive, Moderate												
10.50 - 16.30 EP FRC 1 Epidotization, Along Fractures, Very weak												
10.50 - 16.30 HM PV 2 Hematization, Pervasive, Weak												
10.50 - 16.30 SI PV 2 Silicification, Pervasive, Weak												
16.30 - 28.00 EP FRC 1 Epidotization, Along Fractures, Very weak												
16.30 - 28.00 HM FRC 2 Hematization, Along Fractures, Weak												
16.30 - 28.00 SI PV 3 Silicification, Pervasive, Moderate												
Mineralization Maj. : Type/Style/%Mineral Comment												
3.00 - 28.00 Py VN 1.5 Pyrite, Vein-controlled, 1.5%												
3.00 - 28.00 Py DIS 0.5 Pyrite, Disseminated, 0.5%												
28.00	67.40	DB Diabase										
Diabase, dark grey, fg, epi alt in plag phenocrysts, unit has minor Tonalite patches up to 18cm in length, barren												
Alteration Maj: Type/Style/Intensity Comment												
28.00 - 67.40 EP CLTS 2 Epidotization, Clots, Weak												

LITHOLOGY REPORT - Detailed -

Hole Number **JRA13-01**

Project:

Project Number:

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
67.40	180.10	DR Diorite		403501	95.00	95.60	0.60	0	-	0.38	-	-
Qtz Diorite, dark green, mg to cg, epi+hem fractures, pervasive moderate silicification throughout.												
Mineralization is py, cpy, Po diss tr-4% in host with semi-massive 8% Py, Po and Cpy in qtz veins 1-40cm wide. Unit cross cut by 6-7% qtz total and by finer grained mafic dykes. Also reported small Mo fragment within qtz vein mixed with Po. LC with mafic dyke sharp CA 20 degrees.												
Alteration Maj:												
		Type/Style/Intensity	Comment									
67.40 - 107.50		HM FRC 1	Hematization, Along Fractures, Very weak	403505	109.00	110.00	1.00	0	-	0.47	-	-
67.40 - 107.50		SI PV 3	Silicification, Pervasive, Moderate	403506	110.00	111.00	1.00	0	-	0.10	-	-
67.40 - 107.50		EP AFG 2	Epidotization, Alteration of feldspar grains, Weak	403507	111.00	111.70	0.70	0	-	0.27	-	-
107.50 - 112.00		SI PV 5	Silicification, Pervasive, Intense	403508	111.90	113.00	1.10	0	-	0.07	-	-
112.00 - 180.10		SI PV 3	Silicification, Pervasive, Moderate	403509	113.00	113.30	0.30	0	-	0.08	-	-
112.00 - 180.10		EP AFG 3	Epidotization, Alteration of feldspar grains, Moderate	403510	115.00	115.30	0.30	0	-	0.06	0.06	-
112.00 - 180.10		CL SPT 2	Chloritization, Spotty/Patchy, Weak	403511	116.30	116.60	0.30	0	-	0.01	-	-
Mineralization Maj. :												
		Type/Style/%Mineral	Comment									
67.40 - 95.00		Py DIS 0.5	Pyrite, Disseminated, 0.5%	403513	118.80	119.30	0.50	0	-	0.35	-	-
95.00 - 98.00		Po SMAS 6	Pyrrhotite, Semi-Massive, 6%	403514	119.90	120.20	0.30	0	-	0.01	-	-
95.00 - 98.00		Cpy DIS 0.5	Chalcopyrite, Disseminated, 0.5%	403515	121.90	123.00	1.10	0	-	0.05	-	-
95.00 - 98.00		Py SMAS 6	Pyrite, Semi-Massive, 6%	403516	124.80	125.10	0.30	0	-	0.01	-	-
95.00 - 98.00		Cpy VN 2	Chalcopyrite, Vein-controlled, 2%	403517	126.50	127.00	0.50	<0	-	<0.01	-	-
95.00 - 98.00		Po DIS 1.5	Pyrrhotite, Disseminated, 1.5%	403518	131.90	133.00	1.10	0	-	0.01	-	-
95.00 - 98.00		Py DIS 1.5	Pyrite, Disseminated, 1.5%	403519	133.00	133.60	0.60	0	-	0.01	-	-
95.00 - 98.00		Mo VN 0.5	Molybdenite, Vein-controlled, 0.5%	403520	137.00	137.30	0.30	<0	-	<0.01	<0.01	-
98.00 - 107.50		Py DIS 0.5	Pyrite, Disseminated, 0.5%	403521	138.30	138.60	0.30	0	-	0.01	-	-
107.50 - 122.50		Py VN 2.5	Pyrite, Vein-controlled, 2.5%	403522	146.60	147.30	0.70	0	-	0.01	-	-
107.50 - 122.50		Po VN 2	Pyrrhotite, Vein-controlled, 2%	403523	152.00	153.00	1.00	<0	-	<0.01	-	-
107.50 - 122.50		Cpy VN 1.5	Chalcopyrite, Vein-controlled, 1.5%	403525	153.00	154.00	1.00	<0	-	<0.01	-	-
				403526	154.00	155.00	1.00	<0	-	<0.01	-	-
				403527	156.00	157.00	1.00	0	-	0.01	-	-

LITHOLOGY REPORT
- Detailed -

Hole Number **JRA13-01**

Project:

Project Number:

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
	122.50 - 131.80	Py DIS 0.5	Pyrite, Disseminated, 0.5%	403528	157.00	158.00	1.00	<0	-	<0.01	-	-
	131.80 - 180.10	Py VN 2.5	Pyrite, Vein-controlled, 2.5%	403529	158.00	159.00	1.00	<0	-	<0.01	-	-
	131.80 - 180.10	Po VN 1.5	Pyrrhotite, Vein-controlled, 1.5%	403530	159.00	160.00	1.00	<0	-	<0.01	<0.01	-
	131.80 - 180.10	Po DIS 0.5	Pyrrhotite, Disseminated, 0.5%	403531	160.00	161.00	1.00	<0	-	<0.01	-	-
	131.80 - 180.10	Cpy DIS 0.5	Chalcopyrite, Disseminated, 0.5%	403532	161.00	162.00	1.00	0	-	0.02	-	-
	131.80 - 180.10	Py DIS 1	Pyrite, Disseminated, 1%	403533	162.00	163.00	1.00	<0	-	<0.01	-	-
				403534	163.00	164.00	1.00	<0	-	<0.01	-	-
				403535	164.00	165.00	1.00	<0	-	<0.01	-	-
				403537	165.00	166.00	1.00	<0	-	<0.01	-	-
				403538	166.00	167.00	1.00	<0	-	<0.01	-	-
				403539	167.00	168.00	1.00	<0	-	<0.01	-	-
				403540	168.00	169.00	1.00	<0	-	<0.01	-	-
				403541	169.00	170.00	1.00	<0	-	<0.01	-	-
				403542	170.00	171.00	1.00	<0	-	<0.01	-	-
				403543	171.00	172.00	1.00	<0	-	<0.01	-	-
				403544	172.00	173.00	1.00	<0	-	<0.01	<0.01	-
				403545	173.00	174.00	1.00	<0	-	<0.01	-	-
				403546	176.60	177.00	0.40	<0	-	<0.01	-	-
				403547	177.00	177.80	0.80	<0	-	<0.01	-	-
				403549	177.80	179.00	1.20	<0	-	<0.01	-	-
				403550	179.00	180.10	1.10	<0	-	<0.01	-	-
108.00	111.60	BXDR Diorite Breccia										
		Qtz flooding wit brecciation fragments,6% semi massive py,Po, with diss cpy 1.5%, 8% qtz veining and stringers throughout.										
		Alteration Min:	Type/Style/Intensity	Comment								
	108.00 - 111.60	SI PV 5	Silicification, Pervasive, Intense		403542	170.00	171.00	1.00	<0	-	<0.01	-
		Mineralization Min:	Type/Style/%Mineral	Comment								
	108.00 - 111.60	Cpy DIS 1.5	Chalcopyrite, Disseminated, 1.5%		403544	172.00	173.00	1.00	<0	-	<0.01	<0.01
	108.00 - 111.60	Po DIS 1.5	Pyrrhotite, Disseminated, 1.5%		403545	173.00	174.00	1.00	<0	-	<0.01	-
	108.00 - 111.60	Po SMAS 6	Pyrrhotite, Semi-Massive, 6%		403546	176.60	177.00	0.40	<0	-	<0.01	-
	108.00 - 111.60	Py DIS 1.5	Pyrite, Disseminated, 1.5%		403547	177.00	177.80	0.80	<0	-	<0.01	-
	108.00 - 111.60	Py SMAS 6	Pyrite, Semi-Massive, 6%		403549	177.80	179.00	1.20	<0	-	<0.01	-
					403550	179.00	180.10	1.10	<0	-	<0.01	-
180.10	186.50	IM Mafic Intrusive										
		Mafic dyke, fg, dark green, minor chl alt and carb alt in qtz stringers. Unit cross cut by multiple qtz stringers 0.3cm, tr-2% diss py throughout.			403551	180.10	181.00	0.90	<0	-	<0.01	-
					403552	181.00	182.00	1.00	0	-	0.01	-
		Alteration Maj:	Type/Style/Intensity	Comment								
	180.10 - 186.50	CL PV 2	Chloritization, Pervasive, Weak									
		Mineralization Maj. :	Type/Style/%Mineral	Comment								
	180.10 - 186.50	Pv DIS 1.5	Pvrite, Disseminated, 1.5%									

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Hole Number **JRA13-01**

Project:

Project Number:

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
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186.50 201.00

DR Diorite

Qtz Diorite, dark green, mg to cg, patchy hem alt, epi+hem fractures, pervasive moderate silicification throughout. Mineralization is py diss tr-1%, Few minor Qtz veins <1cm hosting 1-2% py. Unit cross cut by 2% Qtz total (1 vein 10cm), and cross cut by diabase dyke. LC with diabase sharp @ CA of 20 degrees.

<i>Alteration Maj:</i>	<i>Type/Style/Intensity</i>	<i>Comment</i>
186.50 - 201.00	SI PV 2	Silicification, Pervasive, Weak
186.50 - 201.00	CL SPT 1	Chloritization, Spotty/Patchy, Very weak
186.50 - 201.00	EP PV 3	Epidotization, Pervasive, Moderate
<i>Mineralization Maj. :</i>	<i>Type/Style/%Mineral</i>	<i>Comment</i>
186.50 - 201.00	Py DIS 0.5	Pyrite, Disseminated, 0.5%

Minor Interval:

192.60 193.90

IMDIA Diabase

fg, dark grey, barren

DRILL HOLE REPORT

Hole Number: **JRA13-02**

Project: **COTE GOLD**

Project Number: **001**

Drilling	Casing	Core	Location	Other
Azimuth: 351.2	Length: 2	Dimension: BQTW	Claim No.:	Company: IAMGOLD
Dip: -60.6	Pulled: no	Diam Chang: no	NTS:	Contractor: Chenier
Length: 294.3	Capped: yes	Storage: Klondike Lodge	Hole:	Spotted by: Remi Boucher
Started: 03-Dec-13	Cemented:	Hole Type	Section:	Surveyed:
Completed: 06-Dec-13	Left in hole: no	Logged by: Remi Boucher	Zone:	Surveyed by:
Logged: 04-Dec-13	Making water:	Relog by:	NAD:	Multi shot su yes
Township: CHESTER	Plugged:			
Target:				
Comment:			Coordinate - Gemcom	Coordinate - UTM
			East: 432413	East: 432413
			North: 5268319	North: 5268319
			Elev.: 402	Elev.: 402
			Coordinate - Local	East: 0
				North: 0
				Elev.: 0

Deviation Tests

Density Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Easting</i>	<i>Northing</i>	<i>Elevation</i>	<i>Mag. Fie.</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	351.20	-60.60	0	0	0	0	C	<input checked="" type="checkbox"/>	
51.00	358.40	-60.40	0	0	0	0		<input checked="" type="checkbox"/>	
102.00	353.90	-60.20	0	0	0	0		<input checked="" type="checkbox"/>	
150.00	356.30	-60.20	0	0	0	0		<input checked="" type="checkbox"/>	
201.00	353.30	-59.80	0	0	0	0		<input checked="" type="checkbox"/>	
252.00	358.40	-59.40	0	0	0	0		<input checked="" type="checkbox"/>	

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Hole Number **JRA13-02**

Project:

Project Number:

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
0.00	2.00	OB Overburden										
2.00	200.60	DB Diabase fg to mg, dark grey, barren, minor qtz stringers <1%		403553	197.20	198.20	1.00	<0.01	-	<0.01	-	-
		Alteration Maj:	Type/Style/Intensity	Comment								
		2.00 - 200.60	EP AFG 2	Epidotization, Alteration of feldspar grains, Weak								
Minor Interval:												
197.20	198.20	IITNL Tonalite T										
Tonalite fragment within diabase close to contact, 3-4% Po, Py.												
		Alteration Min:	Type/Style/Intensity	Comment								
		197.20 - 198.20	SI PV 4	Silicification, Pervasive, Strong								
		Mineralization Min:	Type/Style/%Mineral	Comment								
		197.20 - 198.20	Po DIS 3	Pyrrhotite, Disseminated, 3%								
		197.20 - 198.20	Py DIS 4	Pyrite, Disseminated, 4%								

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Hole Number **JRA13-02**

Project:

Project Number:

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
200.60	266.30	TNLT Tonalite		403554	200.60	201.00	0.40	<0.01	-	<0.01	<0.01	-
		Tnt, grey, cg, porphyritic, pervasive strong silic, 2-4% diss Po, Py, tr-1% cpy, focused along qtz veins and multiple fractures and disseminated in host in tr-2%. Unit cross cut by minor qtz veins 1cm in average with a few larger veins up to 30cm in width. Larger veins are mostly barren. Chl alteration appears as small 1cm patches which also host increased py and Po. LC with Qtz Diorite has 50cm qtz vein at contact and is sharp at 60 degrees to CA.										
		Alteration Maj:	Type/Style/Intensity	Comment								
		200.60 - 266.30	EP FRC 1	Epidotization, Along Fractures, Very weak	403555	201.00	202.00	1.00	0.02	-	0.02	-
		200.60 - 266.30	AB SPT 3	Albitization, Spotty/Patchy, Moderate	403556	202.00	203.00	1.00	0.01	-	0.01	-
		200.60 - 266.30	CL CLTS 3	Chloritization, Clots, Moderate	403557	203.00	204.00	1.00	<0.01	-	<0.01	-
		200.60 - 266.30	SI PV 4	Silicification, Pervasive, Strong	403558	204.00	205.00	1.00	<0.01	-	<0.01	-
					403559	205.00	206.00	1.00	<0.01	-	<0.01	-
					403561	206.00	207.00	1.00	<0.01	-	<0.01	-
					403562	207.00	208.00	1.00	<0.01	-	<0.01	-
					403563	208.00	209.00	1.00	0.03	-	0.03	-
					403564	209.00	210.00	1.00	0.01	-	0.01	0.01
		Mineralization Maj. :	Type/Style/%Mineral	Comment	403565	210.00	211.00	1.00	<0.01	-	<0.01	-
		200.60 - 266.30	Po VN 3	Pyrrhotite, Vein-controlled, 3%	403566	211.00	212.00	1.00	<0.01	-	<0.01	-
		200.60 - 266.30	Py VN 3	Pyrite, Vein-controlled, 3%	403567	212.00	213.00	1.00	<0.01	-	<0.01	-
		200.60 - 266.30	Cpy DIS 0.5	Chalcopyrite, Disseminated, 0.5%	403568	213.00	214.00	1.00	<0.01	-	<0.01	-
		200.60 - 266.30	Py DIS 2.5	Pyrite, Disseminated, 2.5%	403569	214.00	215.00	1.00	<0.01	-	<0.01	-
		200.60 - 266.30	Py CLTS 3.5	Pyrite, Clots, 3.5%	403570	215.00	216.00	1.00	0.01	-	0.01	-
		200.60 - 266.30	Po DIS 2.5	Pyrrhotite, Disseminated, 2.5%	403571	216.00	217.00	1.00	0.01	-	0.01	-
		200.60 - 266.30	Po CLTS 3.5	Pyrrhotite, Clots, 3.5%	403573	217.00	218.00	1.00	0.01	-	0.01	-
					403574	218.00	219.00	1.00	<0.01	-	<0.01	-
					403575	219.00	220.00	1.00	<0.01	-	<0.01	-
					403576	220.00	221.00	1.00	<0.01	-	<0.01	-
					403577	221.00	222.00	1.00	<0.01	-	<0.01	<0.01
					403578	222.00	223.00	1.00	0.01	-	0.01	-
					403579	223.00	224.00	1.00	<0.01	-	<0.01	-
					403580	224.00	225.00	1.00	0.01	-	0.01	-
					403581	225.00	226.00	1.00	0.01	-	0.01	-
					403582	226.00	227.00	1.00	0.01	-	0.01	-

LITHOLOGY REPORT
- Detailed -

Hole Number **JRA13-02**

Project:

Project Number:

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering</i>	<i>Oxidation</i>	<i>Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
						403583	227.00	228.00	1.00	0.01	-	0.01	-	-
						403585	228.00	229.00	1.00	<0.01	-	<0.01	-	-
						403586	229.00	230.00	1.00	<0.01	-	<0.01	-	-
						403587	230.00	231.00	1.00	<0.01	-	<0.01	<0.01	-
						403588	231.00	232.00	1.00	<0.01	-	<0.01	-	-
						403589	232.00	233.00	1.00	<0.01	-	<0.01	-	-
						403590	235.70	236.00	0.30	0.01	-	0.01	-	-
						403591	237.20	237.60	0.40	<0.01	-	<0.01	-	-
						403592	241.00	242.00	1.00	0.01	-	0.01	-	-
						403593	242.00	243.00	1.00	0.03	-	0.03	-	-
						403594	243.00	244.00	1.00	<0.01	-	<0.01	-	-
						403595	244.00	245.00	1.00	<0.01	-	<0.01	-	-
						403597	245.00	246.00	1.00	0.05	-	0.05	0.05	-
						403598	246.00	247.00	1.00	<0.01	-	<0.01	-	-
						403599	247.00	248.00	1.00	<0.01	-	<0.01	-	-
						403600	248.00	249.00	1.00	0.02	-	0.02	-	-
						403601	249.00	250.00	1.00	<0.01	-	<0.01	-	-
						403602	250.00	251.00	1.00	<0.01	-	<0.01	-	-
						403603	251.00	252.00	1.00	<0.01	-	<0.01	-	-
						403604	252.00	253.00	1.00	<0.01	-	<0.01	-	-
						403605	253.00	254.00	1.00	<0.01	-	<0.01	-	-
						403606	254.00	255.00	1.00	<0.01	-	<0.01	-	-
						403607	255.00	256.00	1.00	<0.01	-	<0.01	-	-
						403608	256.00	257.00	1.00	<0.01	-	<0.01	-	-
						403609	257.00	258.00	1.00	0.02	-	0.02	-	-
						403610	258.00	259.00	1.00	<0.01	-	<0.01	0.01	-
						403611	259.00	260.00	1.00	0.03	-	0.03	-	-

LITHOLOGY REPORT
- Detailed -

Hole Number **JRA13-02**

Project:

Project Number:

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>AV</i> <i>Au</i> <i>(ppm)</i>	<i>FA</i> <i>Au</i> <i>(ppm)</i>	<i>FA2</i> <i>Au</i> <i>(ppm)</i>	<i>FA3</i> <i>Au</i> <i>(ppm)</i>
				403613	260.00	261.00	1.00	<0.01	-	<0.01	-	-
				403614	261.00	262.00	1.00	<0.01	-	<0.01	-	-
				403615	262.00	263.00	1.00	0.01	-	0.01	-	-
				403616	263.00	264.00	1.00	<0.01	-	<0.01	-	-
				403617	264.00	265.00	1.00	0.01	-	0.01	-	-
				403618	265.00	265.80	0.80	0.01	-	0.01	-	-
				403619	265.80	266.30	0.50	<0.01	-	<0.01	-	-

266.30 282.57

DR Diorite

Cg, multiple qtz eyes, chl alt, hem along qtz eyes, tr-1% py.

Alteration Maj:

Type/Style/Intensity

Comment

266.30 - 282.57 HM FRC 1 Hematization, Along Fractures, Very weak

266.30 - 282.57 CL SPT 2 Chloritization, Spotty/Patchy, Weak

266.30 - 282.57 SI PV 3 Silicification, Pervasive, Moderate

Mineralization Maj. :

Type/Style/%Mineral

Comment

266.30 - 282.57 Py DIS 0.5 Pyrite, Disseminated, 0.5%

282.57 294.30

DB Diabase

Diabase, fg, grey, barren, minor hem patch

APPENDIX B:
Certificates of Analysis



Date Submitted: 12-Dec-13
Invoice No.: A13-14695
Invoice Date: 28-Dec-13
Your Reference:

Trelawney Mining and Exploration
130 King Street West
Suite 2810 - PO Box 182
Toronto ON M5X 1A6
Canada

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

5 Pulp samples and 114 Rock samples were submitted for analysis.

The following analytical packages were requested: Code 1A2-Sudbury Au - Fire Assay AA
Code 1A3-Sudbury Au - Fire Assay Gravimetric
Code UT-4 Total Digestion ICP/MS

REPORT **A13-14695**

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

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive style with some loops and flourishes.

Emmanuel Esemé , Ph.D.
Quality Control



ACTIVATION LABORATORIES LTD.

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Activation Laboratories Ltd. Report: A13-14695

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Hg	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	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	0.1	10	0.05	0.05	0.1	0.05	0.02	0.1
Analysis Method	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
403501	377	19.6	1.90	0.79	6.37	1.64	2.11	9.0	22	13.8	674	15.9	2.9	32.6	7.2	1.4	2.5	< 10	2.11	1.20	91.8	2.58	0.89	6.3
403502	7	22.1	2.12	0.78	6.39	1.77	1.99	0.1	21	6.7	666	11.8	1.8	13.6	4.3	1.8	1.6	< 10	0.92	1.54	79.5	1.71	0.45	5.6
403503	< 5	18.3	2.94	1.44	6.88	0.66	3.85	< 0.1	37	5.7	1380	8.56	0.9	6.4	5.1	1.5	1.8	< 10	0.27	0.82	22.6	2.34	0.19	2.2
403504	110	24.5	1.90	1.04	6.34	2.10	1.99	0.2	108	10.9	830	10.0	2.3	17.1	4.0	1.2	1.4	< 10	0.89	1.26	50.1	1.05	1.50	6.4
403505	468	27.7	1.70	1.25	7.17	2.72	2.00	0.1	94	4.6	936	10.7	2.1	11.0	4.1	1.5	1.4	< 10	1.00	1.39	55.6	1.21	1.55	4.0
403506	100	34.3	1.23	1.21	7.09	3.18	2.20	0.1	69	11.6	802	10.7	2.0	13.1	3.9	1.5	1.4	< 10	1.01	1.68	38.4	1.19	1.42	4.7
403507	270	25.2	2.53	1.28	7.44	1.66	1.77	0.9	73	6.8	983	9.31	1.8	6.1	3.8	1.5	1.3	< 10	1.34	0.90	24.2	1.61	0.52	3.8
403508	65	41.2	2.54	1.98	7.51	1.58	2.71	< 0.1	98	82.0	1130	8.71	1.9	39.7	3.2	1.3	1.1	< 10	0.44	1.31	71.9	1.46	0.61	3.6
403509	81	41.5	2.37	2.37	6.93	1.45	1.70	< 0.1	242	48.8	1530	11.3	1.9	34.4	4.2	1.0	1.5	< 10	0.43	1.40	42.2	1.02	0.61	3.8
403510	57	45.2	1.53	3.79	7.95	1.86	4.38	0.2	251	146	1370	11.8	1.7	79.5	2.9	0.9	1.1	< 10	0.36	2.86	43.7	1.15	0.39	2.4
403511	5	29.8	1.35	4.80	7.72	0.51	7.40	0.1	123	195	1400	8.77	0.3	135	2.8	0.6	1.0	< 10	0.20	1.32	50.9	1.20	0.14	2.0
403512	2210	10.6	1.57	3.34	5.72	0.62	5.16	0.2	109	194	3870	11.4	1.5	147	2.8	1.2	1.0	< 10	0.34	3.92	38.9	1.90	0.14	3.3
403513	353	50.7	2.07	2.56	7.86	1.27	3.25	< 0.1	167	27.9	1470	11.9	0.7	43.2	5.7	1.4	1.9	< 10	0.39	2.55	38.9	1.74	1.75	3.8
403514	6	22.0	1.75	2.35	6.93	0.23	4.74	< 0.1	144	14.4	1590	10.9	0.5	41.2	4.1	0.8	1.4	< 10	0.16	0.52	41.4	1.47	1.23	2.8
403515	46	20.0	1.23	2.15	6.36	0.77	3.34	0.3	208	14.0	1350	11.7	0.8	36.3	3.8	0.9	1.3	< 10	0.62	0.97	47.6	1.28	1.75	2.3
403516	6	25.4	1.68	2.71	7.10	1.32	4.57	< 0.1	213	14.1	1540	11.3	0.8	54.5	3.3	1.1	1.1	< 10	0.33	1.49	52.7	1.34	0.66	2.9
403517	< 5	11.3	1.42	1.53	4.36	0.22	6.71	< 0.1	110	10.7	1520	6.12	0.4	17.0	1.8	0.5	0.6	< 10	0.13	0.20	19.0	0.76	0.22	1.5
403518	8	17.7	2.07	1.75	5.58	0.79	6.81	0.2	179	7.9	1860	9.28	0.8	43.0	3.5	1.0	1.2	< 10	0.46	0.89	38.8	1.18	0.68	3.2
403519	8	28.2	1.95	2.43	7.12	1.50	3.69	< 0.1	158	7.8	1340	10.1	0.8	27.8	3.1	1.0	1.0	< 10	0.23	1.48	39.4	1.61	0.37	2.6
403520	< 5	30.7	1.89	2.11	6.29	1.85	3.94	0.1	154	6.0	1250	9.11	1.0	11.0	2.8	1.1	1.0	< 10	0.16	2.02	40.5	1.27	0.19	2.2
403521	8	30.1	2.35	2.01	6.98	1.57	4.02	< 0.1	138	17.6	1190	8.86	1.1	14.2	4.4	1.2	1.6	< 10	0.29	1.70	61.4	2.08	0.24	2.5
403522	6	48.7	2.14	2.06	7.50	1.83	2.13	< 0.1	53	16.5	908	9.55	0.4	9.6	3.9	1.5	1.5	< 10	0.10	1.88	36.8	3.06	0.18	2.1
403523	< 5	34.2	2.47	1.87	7.17	1.55	3.92	< 0.1	60	5.1	1130	9.50	0.5	13.0	4.3	1.0	1.5	< 10	0.06	1.66	38.6	1.75	0.20	2.5
403524	< 5	24.9	> 3.00	1.92	> 10.0	2.04	5.26	0.2	115	19.7	1010	6.45	2.9	20.0	4.9	3.4	1.9	< 10	0.09	1.39	24.9	2.19	0.10	2.0
403525	< 5	30.6	2.51	1.94	7.02	1.55	4.63	< 0.1	105	4.5	1240	9.39	1.2	15.6	4.1	1.0	1.5	< 10	0.10	1.84	44.1	1.58	0.13	2.5
403526	< 5	23.2	2.81	1.90	6.96	0.75	4.84	< 0.1	107	39.4	1330	8.46	1.9	16.6	3.2	1.1	1.1	< 10	0.08	0.54	40.2	1.22	0.06	1.7
403527	7	23.1	2.90	1.94	7.43	1.08	4.98	< 0.1	106	10.4	1170	9.30	1.6	11.2	3.5	1.3	1.2	< 10	0.11	0.83	35.6	1.85	0.06	2.4
403528	< 5	24.4	2.46	1.54	6.82	1.81	7.40	< 0.1	75	6.5	1240	7.62	2.1	10.6	6.1	1.0	2.2	< 10	0.09	1.15	28.4	3.47	0.08	2.3
403529	< 5	21.7	2.36	1.29	6.07	1.21	2.80	< 0.1	57	6.4	737	6.65	1.7	8.7	3.0	1.2	1.1	< 10	< 0.05	1.00	26.2	1.42	0.04	2.2
403530	< 5	22.7	> 3.00	1.65	7.15	0.95	4.11	< 0.1	72	7.5	1060	8.15	1.8	9.7	3.4	1.2	1.2	< 10	< 0.05	0.79	29.8	1.51	0.05	2.2
403531	< 5	25.1	> 3.00	1.55	7.53	1.08	3.15	< 0.1	66	7.1	871	8.24	2.0	7.8	3.2	1.3	1.1	< 10	0.05	1.24	28.5	1.54	0.05	1.8
403532	16	21.3	> 3.00	1.22	7.06	1.01	2.75	< 0.1	50	6.9	710	7.46	1.4	7.6	3.1	1.3	1.1	< 10	0.05	0.97	23.5	1.60	0.05	2.3
403533	< 5	19.0	> 3.00	1.28	7.72	0.86	4.00	< 0.1	27	7.8	883	7.41	1.1	9.0	3.1	1.4	1.1	< 10	< 0.05	0.61	24.5	1.77	0.04	2.3
403534	< 5	28.6	> 3.00	1.86	7.52	1.50	3.80	< 0.1	71	9.2	938	8.65	1.3	16.0	3.7	1.3	1.3	< 10	0.30	1.76	31.7	1.62	0.05	1.8
403535	< 5	30.2	> 3.00	1.70	7.95	1.82	3.32	< 0.1	94	16.1	864	8.02	2.0	18.2	3.6	1.3	1.3	< 10	0.14	2.04	32.7	1.55	0.05	2.7
403536	1020	10.3	2.12	4.32	7.52	0.80	6.25	0.2	168	17.2	2700	10.2	3.0	17.8	2.6	1.5	1.0	< 10	0.36	2.52	48.3	1.95	0.09	3.5
403537	< 5	20.0	> 3.00	1.17	7.91	1.18	3.53	< 0.1	74	13.4	734	7.42	2.3	11.4	6.6	1.7	2.5	< 10	0.14	0.84	24.4	1.89	0.08	3.1
403538	< 5	14.5	> 3.00	1.08	6.83	0.69	3.21	< 0.1	45	10.9	657	5.77	2.9	12.0	5.8	1.2	2.2	< 10	0.08	0.40	25.6	1.93	0.12	3.1
403539	< 5	16.0	> 3.00	1.00	7.34	1.21	3.04	< 0.1	43	7.5	613	6.67	1.6	12.8	6.2	1.4	2.3	< 10	0.06	0.86	25.2	2.03	0.11	2.7
403540	< 5	15.7	> 3.00	1.10	7.23	0.83	3.53	< 0.1	29	6.7	701	7.17	1.1	13.7	5.3	1.4	1.9	< 10	< 0.05	0.47	26.5	1.85	0.16	2.7
403541	< 5	30.3	3.00	1.68	7.43	1.71	4.09	< 0.1	62	15.3	873	7.36	1.3	17.6	4.0	1.3	1.5	20	< 0.05	1.74	32.1	1.68	0.08	2.0
403542	< 5	29.6	> 3.00	2.02	7.86	1.43	4.31	< 0.1	91	13.6	967	7.78	2.0	15.7	2.9	1.3	1.0	< 10	0.06	1.60	33.0	1.33	0.05	2.1
403543	< 5	20.7	1.91	1.56	6.05	1.19	3.60	< 0.1	85	10.9	784	5.92	1.0	13.6	2.4	1.3	0.9	< 10	0.07	0.66	27.3	0.99	0.09	2.1
403544	< 5	25.3	> 3.00	1.99	7.49	1.27	4.03	< 0.1	124	6.7	915	7.87	1.3	16.2	3.3	1.5	1.2	< 10	< 0.05	1.05	40.1	1.44	0.05	2.2
403545	< 5	21.2	> 3.00	1.72	7.73	1.09	4.08	< 0.1	71	7.6	939	6.96	1.5	16.9	2.9	2.3	1.1	< 10	0.08	0.79	37.0	1.56	0.07	2.4
403546	< 5	43.3	2.50	2.86	7.97	2.80	4.33	< 0.1	163	25.3	778	8.38	2.6	25.9	3.3	2.4	1.2	< 10	0.10	2.59	52.9	2.34	0.11	2.0
403547	< 5	34.9	1.06	2.16	7.22	2.41	6.95	0.1	187	17.4	1160	7.82	2.2	35.4	2.8	2.8	1.0	< 10	0.13	1.17	61.8	1.39	0.13	2.7
403548	< 5	25.2	2.85	1.81	9.76	1.82	5.14	0.1	110	23.0	946	6.04	2.5	17.9	4.7	3.3	1.8	< 10	0.09	1.40	23.6	2.02	0.04	1.6
403549	< 5	34.1	0.24	2.12	7.40	2.76	6.40	< 0.1	91	8.1	1050	6.93	1.0	30.0	2.4	1.8	0.9	< 10	0.08	0.96	37.8	1.03	0.07	1.5
403550	< 5	33.9	0.19	2.01	7.24	3.01	5.65	< 0.1	64	29.6	967	7.03	1.4	30.8	2.3	1.5	0.8	< 10	0.05	0.82	26.4	0.86	0.04	1.0
403551	< 5	34.4	2.06	2.59	8.24	1.58	4.07	< 0.1	77	72.														

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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Hg	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	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	0.1	10	0.05	0.05	0.1	0.05	0.02	0.1
Analysis Method	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
403553	< 5	12.0	2.46	0.49	7.03	3.01	1.27	< 0.1	30	11.3	179	2.88	4.3	5.7	1.0	1.4	0.4	< 10	0.24	0.41	15.9	0.60	0.15	7.0
403554	< 5	13.1	> 3.00	0.34	7.14	2.31	1.62	< 0.1	23	9.3	159	2.33	4.5	4.3	1.8	1.3	0.6	< 10	0.21	0.41	8.4	0.58	0.14	1.1
403555	17	14.1	> 3.00	0.39	7.12	2.31	1.69	< 0.1	27	8.0	162	2.66	4.2	3.7	2.1	1.3	0.8	< 10	0.17	0.70	8.5	0.58	0.11	1.0
403556	14	12.5	2.91	0.36	6.19	2.00	1.40	< 0.1	27	10.6	149	2.42	3.9	4.0	1.8	1.3	0.6	< 10	0.14	0.63	8.3	0.45	0.09	1.4
403557	< 5	10.5	> 3.00	0.34	7.02	1.98	1.12	< 0.1	19	23.3	128	2.35	3.9	3.2	2.1	1.4	0.7	< 10	0.13	0.39	7.0	0.55	0.05	0.6
403558	< 5	11.2	2.72	0.33	6.91	2.06	1.19	0.1	19	14.8	115	2.43	3.8	5.2	1.9	1.3	0.7	< 10	0.14	0.40	10.2	0.58	0.08	0.7
403559	< 5	11.6	> 3.00	0.36	7.60	2.24	1.39	< 0.1	20	11.4	118	2.65	4.3	8.6	1.8	1.4	0.6	< 10	0.17	0.38	15.7	0.74	0.09	1.5
403560	> 3000	17.5	1.15	3.11	5.91	0.57	5.86	0.3	173	145	4200	12.2	1.4	121	2.3	1.0	0.9	50	0.92	2.57	38.0	1.35	0.23	5.0
403561	< 5	12.0	> 3.00	0.36	7.18	2.08	1.35	< 0.1	22	12.0	132	2.66	4.6	6.7	2.0	1.5	0.7	< 10	0.32	0.43	13.9	0.81	0.08	1.6
403562	< 5	12.3	2.94	0.35	7.17	2.12	1.30	< 0.1	23	17.5	131	2.70	5.2	8.2	1.7	1.4	0.6	< 10	0.23	0.47	16.4	0.60	0.08	1.5
403563	30	11.3	2.70	0.29	6.01	1.54	1.52	< 0.1	19	13.7	160	2.13	4.0	7.2	1.8	1.1	0.6	< 10	0.19	0.31	12.3	0.65	0.09	0.9
403564	8	16.3	2.48	0.37	7.22	2.48	1.32	< 0.1	25	10.1	159	2.88	5.4	6.7	8.8	1.2	4.1	< 10	0.22	0.80	15.3	4.54	0.21	2.9
403565	< 5	12.2	> 3.00	0.37	7.39	2.35	1.52	< 0.1	21	26.3	149	2.72	5.4	5.2	2.6	1.4	0.9	< 10	0.19	0.73	9.7	0.66	0.06	1.5
403566	< 5	13.3	2.97	0.33	6.40	2.10	1.59	< 0.1	19	9.8	153	2.58	4.5	6.1	2.6	1.3	0.9	< 10	0.17	0.75	11.3	0.55	0.07	1.1
403567	< 5	16.2	2.80	0.36	6.98	2.15	1.73	< 0.1	21	9.6	148	2.63	4.2	4.9	2.5	1.5	0.9	< 10	0.15	0.82	10.9	0.67	0.08	0.7
403568	< 5	14.6	2.77	0.32	7.03	2.10	1.43	< 0.1	19	7.8	144	2.56	4.0	4.5	2.1	1.5	0.8	< 10	0.14	0.77	9.9	0.65	0.10	1.3
403569	< 5	15.0	2.79	0.36	7.39	2.40	1.29	0.1	20	9.4	133	2.75	4.3	5.0	2.0	1.3	0.7	< 10	0.17	0.79	10.1	0.70	0.10	0.8
403570	8	12.0	2.73	0.33	7.04	2.23	1.32	< 0.1	20	10.5	121	2.62	3.6	4.9	2.4	1.4	0.8	< 10	0.16	0.53	9.5	0.66	0.10	0.7
403571	11	15.8	2.81	0.44	7.51	2.62	1.30	< 0.1	21	9.5	123	2.96	4.2	5.4	2.1	1.4	0.7	20	0.19	0.89	11.0	0.52	0.12	1.5
403572	< 5	24.1	2.97	1.96	> 10.0	1.89	5.27	0.2	133	26.7	1020	6.20	2.8	20.2	4.7	3.2	1.7	< 10	0.09	1.31	25.2	2.03	0.04	1.1
403573	13	14.3	2.73	0.42	7.12	2.25	1.35	< 0.1	19	9.8	138	2.80	3.9	6.4	2.2	1.3	0.8	< 10	0.18	0.76	12.5	0.79	0.11	1.1
403574	< 5	18.1	2.54	0.46	7.52	2.73	1.26	< 0.1	21	36.4	148	2.69	4.1	3.9	2.0	1.3	0.7	< 10	0.19	0.95	8.5	0.53	0.06	0.3
403575	< 5	17.8	2.56	0.44	7.55	2.62	1.44	< 0.1	20	8.5	151	2.69	4.5	4.0	2.1	1.3	0.7	< 10	0.17	0.95	8.1	0.57	0.04	< 0.1
403576	< 5	15.1	2.55	0.37	7.17	2.43	1.40	< 0.1	19	7.8	152	2.49	4.9	5.2	2.4	1.4	0.9	10	0.22	0.79	11.3	0.75	0.09	0.9
403577	< 5	15.6	2.57	0.34	7.26	2.38	1.60	< 0.1	17	5.6	133	2.28	4.9	4.1	2.2	1.3	0.8	< 10	0.15	0.86	9.4	0.75	0.08	< 0.1
403578	5	11.7	2.96	0.32	7.29	2.05	1.52	< 0.1	17	5.8	120	2.61	4.8	8.4	2.5	1.4	0.9	< 10	0.21	0.60	17.3	0.81	0.11	0.7
403579	< 5	11.3	2.89	0.31	7.08	2.02	1.62	< 0.1	17	6.7	124	2.32	5.0	5.2	2.3	1.3	0.8	< 10	0.15	0.67	10.8	0.76	0.07	< 0.1
403580	5	11.5	> 3.00	0.33	7.14	2.05	1.27	< 0.1	18	7.5	127	2.65	4.5	5.2	2.5	1.4	0.9	40	0.18	0.71	10.5	0.71	0.15	0.5
403581	13	10.5	2.91	0.29	6.41	1.93	1.47	< 0.1	17	11.1	133	2.43	4.5	4.8	2.1	1.2	0.7	< 10	0.18	0.75	9.8	0.49	0.14	0.8
403582	10	12.7	2.65	0.31	6.88	2.21	1.49	< 0.1	17	12.9	145	2.40	4.7	5.6	2.0	1.3	0.7	< 10	0.15	0.85	9.1	0.55	0.08	< 0.1
403583	9	13.2	2.77	0.32	7.04	2.17	1.33	< 0.1	16	8.1	131	2.45	4.4	4.5	2.8	1.4	1.0	< 10	0.07	0.70	9.8	0.62	0.09	0.2
403584	1060	9.7	1.87	3.81	6.71	0.71	5.45	0.1	156	200	2410	8.66	3.2	161	2.4	1.3	1.0	20	0.41	2.24	43.4	1.68	0.08	1.9
403585	< 5	11.1	2.72	0.30	6.38	2.00	1.27	< 0.1	17	9.6	121	2.31	4.1	4.0	2.5	1.3	0.9	20	0.18	0.73	9.2	0.65	0.08	0.6
403586	< 5	10.0	2.92	0.31	6.84	2.05	1.49	< 0.1	17	9.3	131	2.34	4.4	3.5	2.7	1.4	1.0	40	0.16	0.55	7.6	0.74	0.05	0.2
403587	< 5	9.8	2.60	0.32	6.63	1.93	1.56	< 0.1	19	7.3	114	2.30	3.9	3.9	2.3	1.3	0.8	20	0.13	0.55	7.8	0.69	0.06	0.2
403588	< 5	11.7	> 3.00	0.36	7.57	2.02	1.78	< 0.1	19	6.1	129	2.48	3.9	3.5	2.4	1.1	0.8	40	0.05	0.76	7.5	0.80	0.04	< 0.1
403589	< 5	12.8	> 3.00	0.36	7.59	1.98	1.92	0.1	23	8.7	136	2.38	4.2	4.0	2.2	1.3	0.8	< 10	0.14	0.70	7.9	0.70	0.05	0.1
403590	6	10.4	2.49	0.34	6.79	1.52	2.78	< 0.1	19	15.6	136	2.40	4.1	4.6	2.0	1.2	0.7	< 10	0.18	0.60	7.3	0.77	0.10	< 0.1
403591	< 5	12.5	2.99	0.37	7.71	2.06	2.17	< 0.1	23	10.6	145	2.54	4.1	6.3	2.4	1.4	0.9	30	0.16	0.80	8.6	0.87	0.05	< 0.1
403592	6	11.3	2.80	0.35	6.74	1.68	1.82	0.1	23	9.4	141	2.71	4.1	5.9	2.3	1.1	0.8	< 10	0.16	0.75	10.5	0.64	0.10	< 0.1
403593	32	12.3	2.88	0.37	7.06	1.58	1.88	< 0.1	23	8.1	135	2.87	3.7	5.7	2.5	1.2	0.9	< 10	0.15	0.72	11.6	0.72	0.12	< 0.1
403594	< 5	11.6	2.80	0.32	6.34	1.47	1.88	< 0.1	20	14.6	117	2.50	3.7	5.2	1.9	1.1	0.7	< 10	0.14	0.64	10.2	0.55	0.09	< 0.1
403595	< 5	12.9	2.82	0.36	6.96	1.62	1.92	< 0.1	21	10.2	122	2.58	4.0	6.4	2.3	1.2	0.8	< 10	0.14	0.80	10.4	0.74	0.14	< 0.1
403596	< 5	23.3	2.82	1.89	9.50	1.87	5.07	< 0.1	99	28.5	978	5.77	2.2	19.4	4.8	3.2	1.8	40	< 0.05	1.24	24.2	1.94	0.03	0.3
403597	53	14.7	2.99	0.36	7.67	1.50	1.98	0.1	22	6.7	129	2.65	4.1	5.6	2.4	1.2	0.8	30	0.16	0.76	11.2	0.80	0.13	0.2
403598	< 5	12.9	> 3.00	0.38	7.89	1.73	2.10	< 0.1	24	8.8	138	2.72	4.3	6.9	2.3	1.4	0.8	< 10	0.12	1.13	13.1	0.82	0.08	< 0.1
403599	< 5	11.6	2.83	0.34	7.28	1.70	1.98	< 0.1	21	9.1	112	2.43	4.1	5.6	2.2	1.3	0.8	< 10	0.13	0.97	11.6	0.77	0.08	< 0.1
403600	23	11.1	2.79	0.34	7.34	1.60	1.97	< 0.1	21	10.5	124	2.36	4.1	3.8	2.4	1.2	0.8	< 10	0.15	1.17	8.4	0.73	0.09	0.1
403601	< 5	13.2	2.90	0.36	7.19	1.75	2.01	< 0.1	24	17.4	134	2.52	3.9	7.4	2.2	1.5	0.8	< 10	0.16	1.09	11.6	0.70	0.06	0.6
403602	< 5	12.7	2.89	0.33	6.66	1.43	2.07	< 0.1	21	8.8	130	2.41	3.8	5.7	2.1	1.2	0.7	< 10	0.17	0.69	9.6	0.64	0.07	< 0.1
403603	< 5	13.6	> 3.00	0.38	7.60	1.72	2.06	< 0.1	22	11.3	137	2.60	3.8	5.1	2.5	1.3	0.9	< 10	0.05</					

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Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Hg	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	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	0.1	10	0.05	0.05	0.1	0.05	0.02	0.1
Analysis Method	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
403605	< 5	12.2	2.77	0.35	6.88	1.52	1.93	< 0.1	22	8.7	131	2.45	3.8	4.8	2.3	1.2	0.8	30	0.13	0.62	8.9	0.71	0.05	0.2
403606	< 5	12.5	2.90	0.36	7.21	1.61	1.98	< 0.1	22	66.1	147	2.59	4.1	5.4	2.3	1.3	0.8	30	0.14	0.69	8.9	0.72	0.06	< 0.1
403607	< 5	15.8	2.61	0.36	7.29	2.15	1.59	< 0.1	23	11.1	139	2.39	4.1	4.9	1.9	1.1	0.6	20	0.14	0.50	8.0	0.54	0.06	0.2
403608	< 5	13.1	2.95	0.36	7.36	1.61	1.91	< 0.1	21	9.7	138	2.58	3.9	5.5	2.2	1.2	0.7	< 10	0.12	0.48	9.4	0.71	0.07	< 0.1
403609	18	13.8	2.97	0.37	7.28	1.51	1.77	0.1	21	10.5	134	2.68	3.8	5.3	2.2	1.4	0.7	< 10	0.13	0.48	10.1	0.72	0.09	< 0.1
403610	< 5	14.0	2.75	0.36	7.19	1.72	1.59	0.1	21	7.5	128	2.65	3.9	5.3	2.3	1.2	0.8	< 10	0.18	0.54	11.0	0.86	0.08	0.5
403611	25	10.7	2.51	0.30	6.42	1.41	1.59	0.1	18	11.7	122	2.23	3.5	4.6	1.7	1.1	0.6	< 10	0.14	0.38	9.2	0.62	0.07	< 0.1
403612	255	35.1	1.93	1.52	7.91	3.28	2.95	< 0.1	98	91.2	535	4.24	2.0	50.1	2.7	3.3	1.0	< 10	0.61	11.1	18.1	1.20	1.42	2.6
403613	< 5	11.5	2.87	0.32	6.37	1.80	1.66	< 0.1	21	7.9	118	2.33	4.1	5.4	1.7	1.2	0.6	< 10	0.25	0.51	9.2	0.52	0.12	< 0.1
403614	< 5	10.4	2.94	0.31	7.32	1.77	1.90	< 0.1	17	6.6	130	2.06	4.4	4.4	2.1	1.5	0.8	< 10	0.17	0.47	8.4	0.81	0.09	< 0.1
403615	9	10.1	2.67	0.28	7.09	1.98	1.35	0.1	15	12.4	127	2.05	4.4	4.2	2.2	1.4	0.8	< 10	0.18	0.55	8.0	0.81	0.10	0.7
403616	< 5	8.0	2.94	0.25	6.69	1.81	1.12	0.1	11	7.7	124	1.97	5.4	3.7	2.8	1.3	1.0	< 10	0.18	0.53	7.2	0.72	0.13	< 0.1
403617	13	9.9	2.67	0.22	6.65	1.95	1.51	< 0.1	11	7.2	154	2.19	7.6	6.0	2.8	1.2	1.0	< 10	0.25	0.47	14.1	0.88	0.25	0.2
403618	6	13.1	2.87	0.39	7.25	1.98	1.35	< 0.1	22	8.0	196	2.25	5.3	6.4	2.4	1.2	0.8	< 10	0.23	0.56	10.9	0.58	0.10	0.1
403619	< 5	28.3	0.59	0.81	4.37	1.50	2.28	< 0.1	66	15.4	395	3.19	0.4	6.0	1.1	0.7	0.4	20	< 0.05	0.70	6.3	0.44	0.05	0.2

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Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.1	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Analysis Method	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
403501	3040	23.5	7.2	83.5	62.5	135	89	7.8	3.2	0.1	8	0.2	< 0.1	29	29.4	67.7	9.7	39.0	9.5	12.1	2.0	12.1	741	0.5
403502	67.3	22.7	3.0	94.8	38.2	178	68	4.1	5.3	< 0.1	7	0.2	0.2	49	20.2	50.3	7.1	27.9	6.7	8.3	1.4	7.7	647	0.4
403503	97.3	21.4	1.7	31.4	43.6	115	33	< 0.1	0.2	0.1	< 1	< 0.1	< 0.1	152	18.7	42.7	6.1	25.0	6.4	8.5	1.4	8.6	20.2	0.3
403504	96.9	21.9	2.6	82.2	30.5	51.8	79	9.7	2.3	0.1	14	0.1	0.4	62	15.3	34.9	5.0	20.8	5.0	6.3	1.0	6.1	500	0.4
403505	84.3	23.3	2.4	100	35.4	66.4	64	5.0	1.8	0.1	15	< 0.1	< 0.1	115	18.0	41.3	5.7	23.6	5.8	7.5	1.1	6.9	1180	0.6
403506	75.7	24.5	1.9	112	33.5	72.5	60	5.4	1.4	0.2	17	< 0.1	0.1	94	16.5	39.0	5.4	21.6	5.2	6.6	1.1	6.5	947	0.6
403507	358	26.4	4.4	55.2	37.3	108	61	5.4	1.6	0.1	11	< 0.1	< 0.1	313	17.0	39.3	5.3	21.5	5.3	6.7	1.1	6.6	1490	0.5
403508	63.7	21.5	1.4	56.7	29.8	137	78	1.0	0.5	0.1	7	< 0.1	< 0.1	397	15.6	35.8	4.8	19.4	4.7	5.8	0.9	5.7	379	0.4
403509	114	19.5	2.5	48.4	37.1	90.8	60	4.0	1.1	< 0.1	5	< 0.1	< 0.1	188	13.5	30.8	4.2	16.9	4.7	6.2	1.1	6.8	198	0.2
403510	147	20.5	0.8	87.7	26.2	163	57	0.4	0.1	0.1	5	< 0.1	< 0.1	347	13.7	29.6	3.9	15.5	3.8	4.7	0.8	4.7	465	0.2
403511	111	16.9	0.7	29.5	26.6	175	17	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	143	10.3	22.9	3.1	13.1	3.2	4.6	0.8	4.9	121	0.2
403512	148	14.1	913	20.9	25.9	308	72	< 0.1	1.0	< 0.1	1	0.7	< 0.1	594	25.7	41.9	6.7	25.9	5.7	7.0	1.0	5.5	134	0.3
403513	99.1	22.5	7.2	61.0	47.3	191	27	< 0.1	0.4	0.2	6	< 0.1	< 0.1	241	20.9	45.7	6.6	26.4	6.7	8.9	1.5	9.4	189	0.3
403514	95.6	20.7	3.6	10.9	36.9	165	19	< 0.1	< 0.1	0.1	3	< 0.1	< 0.1	36	17.7	40.6	5.6	21.8	5.3	6.6	1.1	7.1	85.7	0.3
403515	130	19.1	1.5	39.1	29.9	136	26	< 0.1	< 0.1	0.1	4	< 0.1	< 0.1	160	17.0	36.9	5.1	20.6	4.9	5.9	1.0	6.2	731	0.3
403516	111	20.5	4.7	65.2	29.2	152	28	< 0.1	< 0.1	< 0.1	2	< 0.1	< 0.1	235	15.9	34.1	4.8	18.1	4.4	5.3	0.9	5.5	229	0.3
403517	48.4	12.3	0.7	8.2	15.0	105	18	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	38	8.1	17.8	2.5	9.5	2.2	2.9	0.5	2.8	7.4	0.2
403518	82.2	17.3	1.9	36.6	28.6	170	31	< 0.1	0.2	0.1	4	< 0.1	0.1	206	16.6	34.5	4.5	17.6	4.5	5.7	0.9	5.5	364	0.3
403519	97.1	21.8	1.3	75.7	28.1	215	37	< 0.1	< 0.1	0.1	< 1	< 0.1	< 0.1	337	13.3	28.8	4.0	15.7	3.9	5.0	0.8	4.9	116	0.3
403520	130	19.3	1.9	99.3	24.3	176	41	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	432	15.5	36.1	4.8	18.9	4.0	5.0	0.8	4.7	87.0	0.3
403521	86.5	20.6	2.3	81.2	38.0	259	41	< 0.1	0.1	0.1	6	< 0.1	< 0.1	359	23.0	56.4	7.7	30.0	6.7	8.3	1.3	7.9	314	0.4
403522	104	22.7	0.9	102	38.4	305	22	< 0.1	< 0.1	0.1	2	< 0.1	< 0.1	472	41.1	86.9	12.1	45.1	8.8	9.6	1.3	7.5	79.3	0.4
403523	80.9	20.1	1.2	88.2	38.6	222	26	< 0.1	< 0.1	0.1	< 1	< 0.1	< 0.1	319	19.4	48.4	7.0	27.8	6.3	7.6	1.2	7.3	56.3	0.2
403524	133	24.9	1.2	112	46.2	636	122	< 0.1	0.2	0.1	2	< 0.1	< 0.1	832	34.0	77.3	11.2	44.3	9.6	10.6	1.6	9.0	27.0	0.5
403525	79.2	20.0	1.4	90.3	37.2	136	51	< 0.1	< 0.1	0.1	2	< 0.1	< 0.1	316	20.8	52.4	7.6	30.2	6.8	8.0	1.2	7.3	113	0.3
403526	71.8	19.1	0.9	38.7	28.6	112	78	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	141	17.0	43.3	6.2	24.5	5.6	6.3	1.0	5.5	37.5	0.2
403527	74.0	22.3	1.3	54.0	33.1	162	67	< 0.1	< 0.1	0.1	2	< 0.1	< 0.1	175	18.6	41.1	5.8	22.6	5.4	6.2	1.0	5.9	217	0.3
403528	60.8	19.0	1.6	93.7	61.6	277	89	< 0.1	< 0.1	0.1	2	< 0.1	< 0.1	299	23.1	52.9	7.4	31.3	7.7	10.8	1.8	10.8	34.3	0.3
403529	50.0	17.5	0.9	64.9	27.4	129	75	< 0.1	< 0.1	< 0.1	1	< 0.1	< 0.1	321	15.3	37.1	5.3	20.7	4.9	5.7	0.9	5.5	45.5	0.2
403530	61.9	21.1	0.6	44.8	30.4	147	68	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	222	13.9	34.0	5.0	20.6	5.1	6.2	1.0	5.8	34.6	0.2
403531	71.2	22.4	0.4	70.9	30.1	170	81	0.8	< 0.1	< 0.1	1	< 0.1	0.1	215	13.7	31.0	4.3	17.4	4.2	5.6	0.9	5.3	32.3	0.3
403532	47.4	21.4	0.9	60.5	28.8	191	55	0.8	< 0.1	< 0.1	1	< 0.1	< 0.1	225	15.9	32.8	4.4	17.1	3.9	5.1	0.8	5.0	42.5	0.4
403533	59.1	22.3	1.2	42.2	29.9	172	43	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	224	21.8	43.5	5.6	21.1	4.7	5.8	0.9	5.2	16.5	0.2
403534	64.1	21.8	< 0.1	98.9	34.6	157	57	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	277	17.5	39.8	5.6	22.0	5.3	6.3	1.0	6.2	14.3	0.3
403535	75.5	22.6	1.6	115	34.3	176	73	< 0.1	< 0.1	< 0.1	2	< 0.1	< 0.1	352	20.0	45.1	6.4	25.1	5.9	6.8	1.1	6.5	31.6	0.3
403536	139	19.4	501	25.0	27.2	392	147	8.7	3.1	< 0.1	1	0.3	< 0.1	481	24.6	43.1	6.2	24.6	5.5	6.6	0.9	5.4	91.2	0.4
403537	43.7	24.4	3.1	62.2	62.4	247	84	1.4	0.3	< 0.1	3	< 0.1	0.1	305	41.6	88.5	12.8	51.2	11.6	13.8	2.1	12.3	27.6	0.7
403538	46.5	19.9	4.8	33.3	58.8	179	109	< 0.1	< 0.1	< 0.1	12	< 0.1	< 0.1	187	41.8	83.6	10.9	40.8	9.2	11.0	1.8	10.5	27.5	0.5
403539	40.4	23.5	2.2	64.3	60.0	215	58	< 0.1	< 0.1	< 0.1	4	< 0.1	< 0.1	323	47.6	96.6	13.1	50.6	10.9	12.9	2.0	11.2	104	0.4
403540	64.7	23.2	1.9	39.0	50.5	216	47	< 0.1	< 0.1	< 0.1	2	< 0.1	< 0.1	243	28.7	65.3	8.4	35.1	8.3	10.3	1.6	9.3	72.2	0.3
403541	59.6	20.9	0.9	108	37.5	201	55	< 0.1	< 0.1	< 0.1	1	< 0.1	< 0.1	366	18.2	42.7	5.9	24.0	5.9	7.4	1.2	6.9	66.0	0.3
403542	60.7	20.0	0.7	93.6	25.4	179	95	< 0.1	< 0.1	< 0.1	1	< 0.1	< 0.1	297	12.7	29.6	4.1	16.6	4.0	5.0	0.8	4.8	29.0	0.2
403543	47.4	16.1	0.8	54.9	21.3	140	42	< 0.1	< 0.1	< 0.1	1	< 0.1	< 0.1	399	12.8	29.6	4.0	15.9	3.9	4.3	0.7	4.1	34.8	0.2
403544	59.8	20.8	0.7	74.9	30.6	204	52	< 0.1	< 0.1	< 0.1	2	< 0.1	< 0.1	302	17.9	39.2	5.5	21.8	5.1	6.0	1.0	5.8	101	0.3
403545	54.2	20.1	1.6	60.1	28.4	240	53	< 0.1	< 0.1	< 0.1	2	< 0.1	< 0.1	293	22.5	46.8	6.3	24.6	5.3	6.3	1.0	5.7	148	0.3
403546	77.1	18.8	1.6	169	31.4	188	114	0.2	0.3	< 0.1	5	< 0.1	0.1	585	40.2	83.4	11.9	44.6	8.1	7.8	1.0	5.9	134	0.4
403547	67.0	18.7	1.6	94.6	22.8	185	84	1.0	< 0.1	0.1	6	< 0.1	0.6	883	16.5	40.5	5.7	22.9	5.4	5.9	0.9	4.9	286	0.3
403548	143	24.3	0.5	108	44.3	600	137	0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	731	33.3	76.4	11.0	44.7	9.7	10.3	1.5	8.8	21.4	0.3
403549	67.1	18.6	1.6	105	21.2	108	45	< 0.1	< 0.1	< 0.1	3	< 0.1	< 0.1	1290	13.9	30.1	4.2	16.8	3.8	4.4	0.7	4.3	127	0.3
403550	139	17.0	< 0.1	102	18.1	88.1	60	< 0.1	< 0.1	< 0.1	2	< 0.1	< 0.1	1280	10.6	22.0	3.0	12.6	2.9	3.6	0.6	3.4	29.1	0.2
403551	71.1	19.6	0.4	72.1	17.4	209	92	< 0.1	< 0.1	< 0.1	1	< 0.1	< 0.1	601	5.4	12.1	1.7	7.0	1.8	2.3	0.4	2.6	30.4</	

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Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.1	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Analysis Method	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
403553	21.2	18.2	3.4	82.4	10.7	137	186	6.2	12.1	< 0.1	2	< 0.1	< 0.1	605	20.7	41.9	4.5	15.1	2.6	2.5	0.3	1.7	151	0.1
403554	18.2	19.8	1.3	75.4	18.7	154	198	7.3	0.3	< 0.1	1	< 0.1	< 0.1	604	13.5	27.7	2.9	10.0	2.2	2.7	0.5	2.8	17.6	0.1
403555	24.9	18.8	4.0	87.4	21.3	136	180	7.4	0.6	< 0.1	2	< 0.1	< 0.1	583	12.9	26.0	2.9	10.4	2.5	3.2	0.6	3.4	28.1	0.2
403556	19.9	18.8	1.7	76.7	19.5	125	187	6.0	< 0.1	< 0.1	1	< 0.1	< 0.1	536	10.0	21.0	2.3	8.3	2.0	2.8	0.5	2.9	14.7	< 0.1
403557	18.6	18.4	1.3	78.2	21.8	115	182	6.7	0.1	< 0.1	1	< 0.1	< 0.1	561	15.6	30.5	3.2	11.3	2.6	3.3	0.6	3.3	13.9	< 0.1
403558	18.9	18.4	1.8	87.9	21.6	99.0	184	6.3	1.1	< 0.1	2	< 0.1	< 0.1	553	22.3	41.0	4.4	14.9	3.0	3.5	0.5	3.2	25.3	< 0.1
403559	17.7	20.0	1.5	94.3	20.4	115	205	6.5	0.4	< 0.1	1	< 0.1	< 0.1	585	23.5	41.7	4.8	16.0	3.0	3.6	0.5	3.0	45.7	0.1
403560	134	15.9	3500	21.0	24.9	209	74	1.5	3.9	< 0.1	1	7.6	0.2	48	17.9	27.1	4.6	18.3	4.2	4.9	0.7	4.3	194	0.3
403561	18.0	19.0	12.4	92.4	21.4	122	204	6.2	0.6	< 0.1	1	< 0.1	< 0.1	552	33.7	62.9	7.8	26.9	5.0	4.6	0.6	3.5	44.5	0.2
403562	16.0	19.5	3.0	86.5	17.4	109	233	7.3	1.5	< 0.1	1	< 0.1	< 0.1	529	23.3	46.3	4.9	16.5	2.9	3.0	0.4	2.6	66.4	0.1
403563	15.1	14.9	2.4	62.7	17.4	89.2	184	5.9	2.1	< 0.1	1	< 0.1	< 0.1	401	26.4	48.6	5.5	18.4	3.4	3.6	0.5	2.8	54.9	< 0.1
403564	17.4	19.4	4.0	115	112	90.0	239	7.6	224	< 0.1	2	< 0.1	< 0.1	553	549	991	112	411	73.7	59.2	6.2	25.5	89.5	1.0
403565	19.7	20.5	1.9	99.0	26.3	142	245	8.9	3.4	< 0.1	2	< 0.1	< 0.1	562	21.6	41.2	4.6	15.4	3.2	3.7	0.6	3.9	17.0	0.2
403566	20.3	18.5	1.7	91.5	26.1	108	212	6.9	1.1	< 0.1	1	< 0.1	< 0.1	539	28.3	54.1	5.8	19.9	3.9	4.5	0.7	4.3	43.6	0.2
403567	18.4	18.5	1.4	98.9	26.8	105	197	6.9	0.4	< 0.1	1	< 0.1	< 0.1	583	24.1	44.5	4.8	16.2	3.6	4.1	0.7	4.1	37.9	0.1
403568	19.0	18.0	1.9	98.2	22.5	107	185	6.2	3.0	< 0.1	1	0.2	< 0.1	547	17.3	30.7	3.6	12.1	2.9	3.6	0.6	3.5	47.0	0.1
403569	21.6	19.9	1.3	109	21.4	107	199	7.0	2.2	< 0.1	2	< 0.1	< 0.1	583	15.4	26.7	3.1	11.1	2.7	3.4	0.6	3.3	80.4	0.2
403570	17.7	18.8	1.3	95.1	25.1	115	181	6.8	0.3	< 0.1	1	< 0.1	< 0.1	572	21.4	38.3	4.2	14.6	3.2	3.9	0.6	3.8	31.0	0.1
403571	25.6	20.6	10.2	114	22.7	106	197	7.4	3.3	< 0.1	1	< 0.1	< 0.1	588	13.3	23.8	2.7	10.0	2.5	3.3	0.5	3.3	92.5	0.2
403572	121	27.3	1.2	110	50.2	629	142	1.7	0.4	0.1	2	< 0.1	0.1	779	37.5	80.3	11.5	44.9	9.5	9.7	1.5	8.6	23.2	0.6
403573	28.0	18.6	2.7	101	24.0	97.1	185	6.4	4.8	< 0.1	2	< 0.1	< 0.1	497	36.0	63.3	7.2	24.3	4.8	4.7	0.7	3.8	104	0.2
403574	20.6	19.2	0.8	120	21.7	80.9	192	7.3	1.7	< 0.1	2	< 0.1	< 0.1	584	18.1	32.4	3.7	12.6	2.7	3.3	0.5	3.3	41.6	0.1
403575	19.0	19.7	1.3	114	21.9	91.7	206	6.3	3.1	< 0.1	2	< 0.1	< 0.1	587	22.5	40.6	4.6	15.5	3.1	3.6	0.6	3.3	17.2	0.3
403576	17.7	17.8	7.2	106	21.6	100	193	5.7	4.6	< 0.1	1	< 0.1	0.2	613	35.4	62.6	7.2	24.6	4.4	4.5	0.6	3.9	24.9	0.1
403577	20.7	18.1	3.1	111	20.4	107	204	3.7	4.5	< 0.1	2	< 0.1	< 0.1	589	27.4	48.7	5.4	18.3	3.4	3.8	0.6	3.5	17.2	0.3
403578	22.9	17.4	13.5	92.3	23.5	140	198	7.0	2.2	< 0.1	1	< 0.1	< 0.1	530	38.8	71.8	8.5	29.6	5.2	5.2	0.7	4.1	35.3	0.1
403579	18.3	18.0	2.6	93.3	21.6	150	208	4.9	1.0	< 0.1	1	< 0.1	< 0.1	537	29.8	53.1	5.9	20.0	3.6	4.0	0.6	3.7	40.9	0.2
403580	19.3	18.8	1.8	94.2	23.2	124	191	7.1	2.6	< 0.1	1	< 0.1	< 0.1	544	37.3	66.1	7.3	23.7	4.3	4.5	0.7	4.1	51.4	0.1
403581	15.6	17.5	1.8	85.5	19.4	103	199	6.8	2.3	< 0.1	1	< 0.1	< 0.1	459	27.5	52.5	5.5	18.0	3.5	3.7	0.6	3.3	73.3	< 0.1
403582	15.0	18.1	1.3	105	19.2	97.9	207	6.6	6.0	< 0.1	1	< 0.1	< 0.1	520	13.3	23.3	2.7	10.1	2.4	3.0	0.5	3.2	43.9	0.1
403583	15.5	18.5	2.7	98.7	25.5	90.3	193	0.7	2.1	< 0.1	2	< 0.1	< 0.1	545	19.0	33.1	3.8	13.3	3.0	3.7	0.6	4.2	48.2	0.3
403584	127	17.9	609	23.4	24.5	349	152	18.6	3.4	< 0.1	2	0.5	0.1	433	22.8	39.4	5.6	22.3	5.1	5.8	0.9	4.9	81.8	0.5
403585	15.7	17.4	4.5	90.3	22.9	96.5	176	6.2	1.6	< 0.1	1	< 0.1	< 0.1	494	29.8	55.0	5.7	19.8	3.8	4.2	0.6	3.9	51.8	0.1
403586	16.6	17.9	5.2	91.2	26.2	106	195	6.2	0.2	< 0.1	1	< 0.1	0.2	515	36.6	65.7	6.9	23.3	4.2	4.7	0.7	4.5	11.5	0.1
403587	15.9	17.7	1.9	89.4	22.3	124	176	4.7	0.1	< 0.1	1	< 0.1	0.2	479	9.5	17.3	2.0	7.9	2.2	3.1	0.5	3.6	19.3	0.2
403588	17.6	19.7	2.3	95.7	23.5	132	179	0.4	1.0	< 0.1	1	< 0.1	< 0.1	490	18.2	32.8	3.7	13.5	3.1	3.9	0.6	4.0	5.4	0.4
403589	17.6	19.3	3.8	91.3	21.1	133	200	4.8	1.1	< 0.1	1	< 0.1	0.2	461	20.5	36.8	4.3	14.9	3.0	3.5	0.6	3.7	4.8	0.2
403590	18.8	18.0	2.6	73.1	18.9	155	179	6.2	0.5	< 0.1	1	< 0.1	< 0.1	435	12.3	20.7	2.4	8.7	2.0	2.6	0.4	2.9	10.6	0.1
403591	19.6	19.9	2.9	103	23.2	131	191	6.5	2.8	< 0.1	1	< 0.1	< 0.1	486	32.5	58.2	6.6	22.2	4.1	4.5	0.7	4.2	12.7	0.2
403592	41.6	18.5	1.7	82.3	20.8	123	197	6.3	9.7	< 0.1	1	< 0.1	< 0.1	424	21.0	42.0	4.6	16.3	3.2	3.6	0.6	3.6	22.3	0.2
403593	23.0	18.9	1.3	79.1	25.4	140	178	6.4	4.2	< 0.1	1	< 0.1	< 0.1	418	23.3	46.6	5.1	18.0	3.7	4.1	0.7	4.2	36.2	0.2
403594	24.2	18.5	2.7	72.0	18.5	129	178	5.7	3.5	< 0.1	1	< 0.1	< 0.1	419	16.8	36.3	3.6	12.4	2.6	3.2	0.5	3.1	17.5	< 0.1
403595	21.4	18.1	3.4	87.8	23.1	142	184	5.9	4.3	< 0.1	2	0.3	< 0.1	431	25.9	49.4	5.5	19.1	3.8	4.3	0.6	4.0	16.1	0.1
403596	113	25.1	1.2	107	45.3	582	127	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	749	33.4	73.0	10.5	42.7	9.0	9.3	1.4	8.6	20.0	0.2
403597	42.5	18.1	2.0	83.4	22.3	140	202	5.7	8.1	< 0.1	1	< 0.1	< 0.1	441	18.3	34.1	3.9	14.0	3.1	3.6	0.6	3.7	20.7	0.2
403598	19.3	19.3	40.9	98.3	22.9	151	205	4.4	4.9	< 0.1	1	< 0.1	< 0.1	486	24.4	44.6	5.3	17.7	3.6	4.0	0.6	3.8	15.6	0.1
403599	13.8	18.5	1.6	88.3	21.6	137	184	5.5	5.6	< 0.1	1	< 0.1	< 0.1	434	28.9	53.3	6.3	21.2	4.0	4.0	0.6	3.7	13.5	0.2
403600	22.5	17.2	1.6	90.8	23.4	140	192	6.1	2.3	< 0.1	1	< 0.1	< 0.1	438	23.9	42.4	4.9	16.9	3.5	3.9	0.6	3.9	8.6	0.2
403601	19.5	18.7	1.8	87.2	20.9	139	182	6.7	1.9	< 0.1	1	< 0.1	< 0.1	464	19.9	39.6	4.3	14.7	3.1	3.4	0.5	3.4	16.9	0.2
403602	18.6	18.9	2.0	75.1	20.2	129	181	6.5	1.6	< 0.1	1	< 0.1	< 0.1	366	18.5	37.2	4.3	15.2	3.2	3.5	0.6	3.5	14.4	0.2
403603	19.4	20.4	2.0	98.2	25.4	149	192	1.2	2.9	< 0.1	1	< 0.1	0.2	432	25.5	46.1	5.2	18.5	3.8	4.4	0.7	4.2	6.4	0.3
403604	19.2	18.2	2.0	70.4	17.5	137	178	6.0</																

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Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.1	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Analysis Method	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
403605	17.1	18.3	1.7	86.2	22.1	137	187	5.9	3.9	< 0.1	2	< 0.1	< 0.1	391	19.7	37.3	4.1	14.8	3.1	3.7	0.6	3.6	8.5	0.2
403606	19.3	19.4	1.7	93.7	23.0	150	200	5.8	3.8	< 0.1	1	< 0.1	< 0.1	394	21.6	39.3	4.3	15.2	3.1	3.7	0.6	3.6	8.5	0.1
403607	20.3	19.6	3.4	95.0	17.8	108	214	4.6	3.7	< 0.1	2	< 0.1	0.1	526	19.2	35.3	3.9	13.4	2.6	2.9	0.5	2.9	14.6	0.2
403608	27.8	18.5	2.0	81.2	21.8	148	192	4.9	3.9	< 0.1	2	< 0.1	< 0.1	405	21.4	39.3	4.4	15.2	3.1	3.4	0.5	3.4	15.2	0.2
403609	28.8	19.5	2.0	81.8	22.6	142	188	5.3	2.0	< 0.1	1	< 0.1	< 0.1	399	16.5	29.7	3.5	12.7	2.8	3.3	0.5	3.5	21.7	0.2
403610	37.5	19.0	1.7	87.7	22.5	123	194	6.2	1.6	< 0.1	1	< 0.1	< 0.1	430	23.0	41.4	4.7	16.5	3.4	3.7	0.6	3.7	30.5	0.1
403611	36.3	16.4	2.5	72.0	17.4	119	171	5.5	2.3	< 0.1	1	< 0.1	0.1	369	18.8	33.0	3.7	12.5	2.4	2.7	0.4	2.7	21.3	0.1
403612	94.9	19.6	14.9	195	27.7	333	91	2.7	47.0	0.2	5	0.3	< 0.1	1030	35.6	68.5	8.3	29.4	5.5	5.4	0.8	4.7	2220	0.6
403613	17.5	18.6	1.8	77.0	17.2	115	201	5.7	3.0	< 0.1	2	< 0.1	< 0.1	415	19.1	37.0	3.8	12.6	2.4	2.8	0.4	2.7	18.2	0.1
403614	23.8	18.8	7.6	76.1	22.5	126	201	4.6	1.6	< 0.1	1	< 0.1	0.1	460	30.2	53.7	6.2	20.8	3.9	3.9	0.6	3.6	31.9	0.2
403615	26.7	17.7	1.7	86.0	23.3	98.9	185	7.0	1.1	< 0.1	1	< 0.1	< 0.1	498	32.1	58.8	6.7	23.0	4.3	4.5	0.6	3.9	62.9	0.1
403616	30.7	16.8	1.6	79.1	29.9	68.9	243	6.8	2.0	< 0.1	2	< 0.1	< 0.1	335	43.3	76.9	8.7	28.6	5.2	5.1	0.8	4.6	107	0.1
403617	7.8	17.0	1.1	77.6	27.8	43.7	353	6.1	9.1	< 0.1	4	< 0.1	0.1	350	35.6	61.2	6.5	21.2	4.3	4.6	0.7	4.6	252	< 0.1
403618	16.2	17.9	1.4	79.6	22.7	61.7	254	5.4	2.9	< 0.1	2	< 0.1	< 0.1	361	19.1	33.4	3.7	13.0	2.7	3.2	0.5	3.5	160	0.1
403619	31.7	12.5	1.2	57.6	10.3	37.6	47	< 0.1	0.3	< 0.1	1	< 0.1	< 0.1	312	8.3	15.8	2.0	7.4	1.7	1.9	0.3	1.7	5.2	0.4

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Analyte Symbol	Tm	Yb	Lu	Ta	W	Re	Ti	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Detection Limit	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Analysis Method	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
403501	1.0	5.1	0.7	0.3	0.6	0.007	0.56	2050	4.1	2.1	
403502	0.6	3.0	0.5	< 0.1	< 0.1	0.007	0.52	21.6	2.2	0.6	
403503	0.8	4.3	0.7	< 0.1	< 0.1	0.006	0.14	3.0	2.5	0.6	
403504	0.6	3.3	0.6	0.5	2.6	0.007	0.44	47.6	2.2	0.7	
403505	0.6	3.3	0.5	< 0.1	0.8	0.003	0.44	15.9	2.7	0.7	
403506	0.6	3.2	0.5	0.1	2.0	0.003	0.59	31.2	2.5	0.6	
403507	0.5	2.7	0.4	0.2	0.5	0.004	0.21	9.0	2.9	0.6	
403508	0.5	2.3	0.4	< 0.1	< 0.1	0.002	0.25	17.1	2.5	0.5	
403509	0.6	3.5	0.6	< 0.1	< 0.1	0.006	0.27	15.8	2.3	0.5	
403510	0.4	2.3	0.3	< 0.1	< 0.1	0.003	0.48	7.3	2.5	0.5	
403511	0.4	2.2	0.4	< 0.1	< 0.1	0.002	0.18	4.8	1.2	0.2	
403512	0.4	1.9	0.3	< 0.1	< 0.1	0.013	0.12	8.2	5.1	1.4	
403513	0.8	4.4	0.7	< 0.1	< 0.1	0.005	0.36	13.8	4.1	0.9	
403514	0.6	3.3	0.5	< 0.1	< 0.1	0.008	0.05	12.8	3.4	0.8	
403515	0.5	2.8	0.5	< 0.1	< 0.1	0.006	0.20	51.0	2.3	0.5	
403516	0.5	2.7	0.4	< 0.1	< 0.1	0.007	0.32	3.7	2.8	0.6	
403517	0.3	1.9	0.4	< 0.1	< 0.1	0.003	< 0.05	1.8	1.5	0.3	
403518	0.5	3.1	0.6	< 0.1	< 0.1	0.011	0.22	13.9	2.3	0.6	
403519	0.4	2.4	0.4	< 0.1	< 0.1	0.008	0.39	2.0	2.0	0.5	
403520	0.4	2.2	0.3	< 0.1	< 0.1	0.009	0.50	3.2	2.1	0.5	
403521	0.6	2.9	0.4	< 0.1	< 0.1	0.008	0.40	5.2	3.6	0.7	
403522	0.6	2.7	0.4	< 0.1	< 0.1	0.005	0.47	3.8	4.5	0.9	
403523	0.6	3.1	0.5	< 0.1	< 0.1	0.005	0.42	2.9	2.9	0.6	
403524	0.7	3.6	0.6	< 0.1	< 0.1	0.005	0.61	16.0	4.4	7.2	
403525	0.6	3.0	0.5	< 0.1	< 0.1	0.007	0.40	1.7	3.0	0.7	
403526	0.5	2.6	0.4	< 0.1	< 0.1	0.002	0.15	1.5	2.3	0.7	
403527	0.5	2.7	0.5	< 0.1	< 0.1	0.006	0.20	2.3	2.8	0.6	
403528	0.8	4.2	0.6	< 0.1	< 0.1	0.004	0.35	8.8	2.8	0.5	
403529	0.4	2.3	0.4	< 0.1	< 0.1	0.006	0.26	1.2	2.7	0.5	
403530	0.5	2.7	0.5	< 0.1	< 0.1	0.005	0.21	1.3	2.7	2.4	
403531	0.5	2.5	0.4	< 0.1	< 0.1	0.006	0.29	1.4	2.6	0.7	
403532	0.5	2.4	0.4	< 0.1	< 0.1	0.006	0.25	1.4	2.6	0.6	
403533	0.5	2.6	0.4	< 0.1	< 0.1	0.006	0.16	1.6	3.8	0.8	
403534	0.5	2.9	0.5	< 0.1	< 0.1	0.005	0.41	1.2	3.4	0.7	
403535	0.5	2.8	0.5	< 0.1	< 0.1	0.009	0.49	9.1	3.8	0.8	
403536	0.3	1.8	0.3	< 0.1	< 0.1	0.008	0.11	5.8	4.5	1.1	
403537	0.9	4.5	0.7	< 0.1	< 0.1	0.006	0.23	2.1	4.2	0.8	
403538	0.8	3.9	0.6	< 0.1	< 0.1	0.009	0.12	5.1	4.0	0.8	
403539	0.8	4.0	0.6	< 0.1	< 0.1	0.013	0.24	3.6	4.7	0.8	
403540	0.7	3.5	0.5	< 0.1	< 0.1	0.010	0.14	4.3	3.6	0.7	
403541	0.6	2.9	0.5	< 0.1	< 0.1	0.004	0.46	4.9	3.4	0.6	
403542	0.4	2.4	0.4	< 0.1	< 0.1	0.010	0.43	2.5	3.0	0.7	
403543	0.4	1.9	0.3	< 0.1	< 0.1	0.006	0.20	1.5	2.0	1.5	
403544	0.4	2.3	0.4	< 0.1	< 0.1	0.007	0.29	2.3	2.7	0.5	
403545	0.4	2.0	0.3	< 0.1	< 0.1	0.007	0.24	2.1	3.2	0.6	
403546	0.5	2.4	0.4	< 0.1	< 0.1	0.010	0.72	3.5	5.4	1.1	
403547	0.4	2.2	0.4	< 0.1	< 0.1	0.007	0.41	6.4	2.6	0.8	
403548	0.7	3.4	0.5	< 0.1	< 0.1	0.004	0.58	14.6	5.7	1.3	
403549	0.4	1.9	0.3	< 0.1	< 0.1	0.007	0.32	5.4	2.5	0.6	
403550	0.4	1.9	0.3	< 0.1	< 0.1	0.009	0.28	2.1	2.6	0.9	
403551	0.3	1.9	0.3	< 0.1	< 0.1	0.008	0.22	1.5	2.8	1.4	
403552	0.4	1.8	0.3	< 0.1	< 0.1	0.010	0.13	1.6	3.5	1.1	

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Analyte Symbol	Tm	Yb	Lu	Ta	W	Re	Ti	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Detection Limit	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Analysis Method	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
403553	0.2	0.9	0.1	0.6	< 0.1	0.009	0.26	4.4	6.0	1.5	
403554	0.3	1.5	0.2	0.7	< 0.1	0.007	0.22	4.1	5.9	1.4	
403555	0.3	1.6	0.3	0.6	< 0.1	0.006	0.25	3.9	5.6	1.4	
403556	0.3	1.4	0.2	0.3	< 0.1	0.007	0.22	3.5	4.2	1.1	
403557	0.3	1.6	0.3	0.4	< 0.1	0.006	0.19	3.2	6.2	1.5	
403558	0.3	1.6	0.2	0.4	< 0.1	0.007	0.21	3.5	5.9	1.5	
403559	0.3	1.4	0.2	0.6	< 0.1	0.006	0.21	5.6	6.7	1.7	
403560	0.3	1.6	0.3	< 0.1	1.7	0.008	0.18	11.3	3.9	1.3	6.67
403561	0.3	1.5	0.3	0.3	< 0.1	0.006	0.20	3.3	7.3	1.7	
403562	0.3	1.5	0.3	0.6	< 0.1	0.006	0.21	3.4	6.6	1.6	
403563	0.3	1.4	0.2	0.5	< 0.1	0.005	0.14	2.8	5.4	1.4	
403564	1.1	5.2	0.8	< 0.1	< 0.1	0.016	0.26	4.8	11.7	3.5	
403565	0.4	2.1	0.3	0.7	< 0.1	0.004	0.24	3.5	7.6	1.9	
403566	0.4	2.1	0.4	0.4	< 0.1	0.004	0.23	3.2	4.4	1.4	
403567	0.4	1.9	0.3	0.5	< 0.1	0.005	0.24	3.3	6.9	1.8	
403568	0.3	1.7	0.3	0.5	< 0.1	0.005	0.22	3.5	7.1	1.8	
403569	0.3	1.6	0.3	0.5	< 0.1	0.008	0.25	3.7	6.8	1.9	
403570	0.4	1.9	0.3	0.5	< 0.1	0.005	0.19	3.3	6.1	1.7	
403571	0.3	1.7	0.3	0.5	< 0.1	0.008	0.27	3.4	7.5	2.0	
403572	0.7	3.2	0.5	< 0.1	< 0.1	0.003	0.53	13.6	5.0	1.4	
403573	0.3	1.7	0.3	0.4	< 0.1	0.006	0.22	4.4	7.2	1.9	
403574	0.3	1.5	0.3	0.6	< 0.1	0.006	0.28	3.6	7.3	1.9	
403575	0.3	1.7	0.3	0.3	< 0.1	0.003	0.28	3.1	7.7	2.0	
403576	0.4	2.0	0.3	0.3	< 0.1	0.002	0.29	3.8	8.1	2.3	
403577	0.3	1.7	0.3	0.4	< 0.1	0.004	0.28	3.7	8.0	2.1	
403578	0.4	1.9	0.3	0.6	< 0.1	0.003	0.23	4.4	9.1	2.2	
403579	0.4	1.7	0.3	0.4	< 0.1	0.003	0.22	4.1	9.9	2.5	
403580	0.4	1.9	0.3	0.6	< 0.1	0.006	0.22	4.1	7.5	1.9	
403581	0.3	1.6	0.3	0.6	< 0.1	0.003	0.23	3.3	5.8	1.5	
403582	0.3	1.5	0.3	0.6	< 0.1	0.005	0.24	3.2	7.5	2.1	
403583	0.4	2.1	0.3	< 0.1	< 0.1	0.005	0.24	3.6	7.1	2.1	
403584	0.3	1.5	0.2	0.9	0.5	0.006	0.10	5.7	4.8	1.0	
403585	0.4	1.9	0.3	0.4	< 0.1	0.006	0.23	3.4	7.2	2.1	
403586	0.4	2.0	0.3	0.4	< 0.1	0.007	0.20	3.5	7.3	1.9	
403587	0.4	1.8	0.3	0.3	< 0.1	0.005	0.20	2.6	5.5	1.4	
403588	0.4	1.7	0.3	< 0.1	< 0.1	0.006	0.22	3.2	5.8	2.4	
403589	0.3	1.6	0.3	0.3	< 0.1	0.006	0.21	3.0	5.9	1.3	
403590	0.3	1.8	0.3	0.5	< 0.1	0.005	0.16	3.9	6.7	1.8	
403591	0.4	1.7	0.3	0.5	< 0.1	0.004	0.34	3.1	5.7	1.5	
403592	0.3	1.7	0.3	0.5	< 0.1	0.012	0.22	19.2	3.9	4.6	
403593	0.4	1.9	0.3	0.4	< 0.1	0.008	0.19	8.9	4.5	1.1	
403594	0.3	1.5	0.2	0.4	< 0.1	0.006	0.17	4.3	3.2	1.1	
403595	0.4	1.8	0.3	0.4	< 0.1	0.008	0.20	7.9	4.9	1.2	
403596	0.7	3.0	0.5	< 0.1	< 0.1	0.008	0.53	13.9	3.8	1.2	
403597	0.3	1.7	0.3	0.4	< 0.1	0.008	0.18	28.9	5.7	1.5	
403598	0.3	1.6	0.3	0.2	< 0.1	0.005	0.22	3.2	5.9	1.5	
403599	0.3	1.6	0.3	0.4	< 0.1	0.005	0.19	2.9	6.3	1.5	
403600	0.4	1.7	0.3	0.4	< 0.1	0.001	0.20	3.2	6.3	2.0	
403601	0.3	1.7	0.3	0.5	< 0.1	0.007	0.22	4.7	5.6	1.3	
403602	0.3	1.5	0.2	0.5	< 0.1	0.003	0.19	2.9	5.3	1.1	
403603	0.4	1.8	0.3	< 0.1	< 0.1	0.008	0.20	3.8	5.5	1.4	
403604	0.3	1.4	0.2	1.2	< 0.1	0.008	0.17	3.6	2.9	0.9	

Analyte Symbol	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Detection Limit	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Analysis Method	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
403605	0.3	1.7	0.3	0.4	< 0.1	0.006	0.20	3.3	4.9	1.3	
403606	0.3	1.8	0.3	0.3	< 0.1	0.008	0.21	4.4	5.4	1.4	
403607	0.3	1.4	0.2	0.3	< 0.1	0.005	0.18	4.0	5.0	1.4	
403608	0.3	1.6	0.3	0.3	< 0.1	0.007	0.17	8.4	5.3	1.3	
403609	0.3	1.6	0.3	0.2	< 0.1	0.006	0.18	12.7	5.7	1.4	
403610	0.3	1.5	0.2	0.3	< 0.1	0.008	0.19	19.9	5.9	1.5	
403611	0.2	1.2	0.2	0.3	< 0.1	0.005	0.15	17.9	5.1	1.3	
403612	0.4	1.9	0.3	0.1	< 0.1	0.008	1.02	23.3	17.7	4.3	
403613	0.3	1.2	0.2	0.3	< 0.1	0.008	0.21	6.3	4.6	1.1	
403614	0.3	1.5	0.2	0.3	< 0.1	0.006	0.19	4.3	8.1	2.8	
403615	0.3	1.7	0.3	0.6	< 0.1	0.002	0.21	23.7	9.0	2.2	
403616	0.4	2.0	0.3	0.6	< 0.1	0.008	0.20	20.6	8.9	2.7	
403617	0.5	2.3	0.4	0.6	0.2	0.007	0.17	10.9	7.3	1.9	
403618	0.4	1.8	0.3	0.4	< 0.1	0.006	0.18	4.5	5.7	1.5	
403619	0.2	0.8	0.2	< 0.1	< 0.1	0.006	0.12	1.7	1.6	0.4	

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Quality Control																								
Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Ni	Er	Be	Ho	Hg	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	5	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	0.1	10	0.05	0.05	0.1	0.05	0.02	0.1
Analysis Method	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GXR-1 Meas		8.9	0.04	0.22	2.45	0.04	0.83	2.2	79	11.1	768	21.3	0.2	40.5		1.0		3320	29.9	2.40	8.0	0.55	1120	13.9
GXR-1 Cert		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	3.00	8.20	0.690	1380	16.6
GXR-4 Meas		13.5	0.49	1.74	7.01	2.17	1.01	< 0.1	91	41.6	125	2.68	0.9	43.9		2.1			3.25	2.38	14.9	1.42	16.5	6.1
GXR-4 Cert		11.1	0.564	1.66	7.20	4.01	1.01	0.860	87.0	64.0	155	3.09	6.30	42.0		1.90			4.00	2.80	14.6	1.63	19.0	5.60
SDC-1 Meas		39.8	1.45	1.07	8.37	2.80	1.05	< 0.1	34	54.3	810	4.53	0.5	38.8	3.6	3.2	1.3		< 0.05	3.69	19.4	1.51	0.24	
SDC-1 Cert		34.00	1.52	1.02	8.34	2.72	1.00	0.0800	102.00	64.00	880.00	4.82	8.30	38.0	4.10	3.00	1.50		0.0410	4.00	18.0	1.70	2.60	
GXR-6 Meas		43.0	0.10	0.61	> 10.0	1.97	0.19	0.1	128	53.5	1030	5.40	1.4	27.7		1.5			0.21	4.07	15.1	0.67	0.19	0.7
GXR-6 Cert		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			1.30	4.20	13.8	0.760	0.290	0.940
SAR-M (U.S.G.S.) Meas		35.0	1.15	0.48	6.35	3.09	0.64	4.6	65	78.9	4920	3.19		49.1		3.0			3.15		11.9		1.47	1.2
SAR-M (U.S.G.S.) Cert		27.4	1.140	0.50	6.30	2.94	0.61	5.27	67.2	79.7	5220	2.99		41.5		2.20			3.64		10.70		1.94	0.39
DNC-1a Meas		5.7							162	181				315							64.6	0.60		
DNC-1a Cert		5.20							148.00	270				247							57.0	0.59		
OxK94 Meas																								
OxK94 Cert																								
OxL93 Meas																								
OxL93 Cert																								
OxD108 Meas	423																							
OxD108 Cert	414.000																							
OxD108 Meas	394																							
OxD108 Cert	414.000																							
OxD108 Meas	425																							
OxD108 Cert	414.000																							
OxD108 Meas	415																							
OxD108 Cert	414.000																							
OxD108 Meas	404																							
OxD108 Cert	414.000																							
OxD108 Meas	423																							
OxD108 Cert	414.000																							
SBC-1 Meas		191						0.4	231	78.6			2.9	99.8	3.8	3.8	1.5			8.17	25.6	2.05	0.68	
SBC-1 Cert		163.0						0.40	220.0	109			3.7	82.8	3.80	3.20	1.40			8.2	22.7	1.98	0.70	
SG66 Meas	1110																							
SG66 Cert	1090																							
SG66 Meas	1040																							
SG66 Cert	1090																							
SG66 Meas	1120																							
SG66 Cert	1090																							
SG66 Meas	1120																							
SG66 Cert	1090																							
SG66 Meas	1100																							
SG66 Cert	1090																							
SG66 Meas	1160																							
SG66 Cert	1090																							
403501 Orig		19.7	1.92	0.82	6.57	1.67	2.16	9.1	24	17.6	679	16.3	3.0	32.9	7.3	1.5	2.5	< 10	2.11	1.22	92.0	2.67	0.92	6.8
403501 Dup		19.5	1.88	0.76	6.16	1.62	2.06	8.9	20	10.0	669	15.6	2.7	32.2	7.2	1.4	2.5	< 10	2.11	1.17	91.6	2.49	0.86	5.8
403510 Orig	57																							
403510 Dup	57																							
403520 Orig	< 5																							
403520 Dup	< 5																							
403530 Orig	< 5	22.7	> 3.00	1.65	7.15	0.95	4.11	< 0.1	72	7.5	1060	8.15	1.8	9.7	3.4	1.2	1.2	< 10	< 0.05	0.79	29.8	1.51	0.05	2.2
403530 Split	< 5	22.7	2.98	1.63	7.26	0.91	4.04	< 0.1	53	5.5	1010	8.11	1.3	9.9	3.5	1.3	1.2	< 10	< 0.05	0.81	29.3	1.61	0.04	2.3
403530 Orig	< 5																							
403530 Dup	< 5																							
403538 Orig		14.5	> 3.00	1.09	6.99	0.69	3.28	< 0.1	50	9.0	696	5.80	2.8	12.0	5.7	1.2	2.2	< 10	0.10	0.41	25.9	1.91	0.11	2.8
403538 Dup		14.5	> 3.00	1.06	6.68	0.68	3.13	< 0.1	41	12.8	617	5.75	2.9	11.9	5.9	1.3	2.2	< 10	0.06	0.39	25.2	1.95	0.12	3.5
403540 Orig		15.8	> 3.00	1.09	7.22	0.85	3.53	< 0.1	30	6.8	705	7.30	1.1	14.1	5.2	1.4	1.9	< 10	0.08	0.47	27.0	1.82	0.17	2.6
403540 Dup		15.6	> 3.00	1.10	7.23	0.81	3.53	< 0.1	29	6.6	697	7.05	1.1	13.2	5.3	1.5	2.0	< 10	< 0.05	0.47	26.0	1.88	0.15	2.8
403544 Orig	< 5																							

Activation Laboratories Ltd. Report: A13-14695

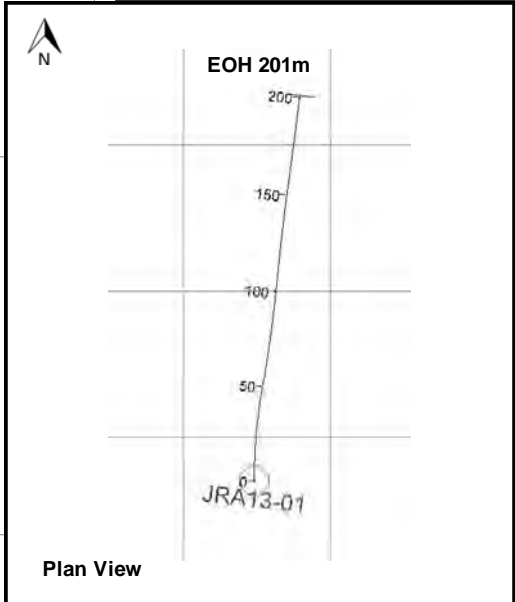
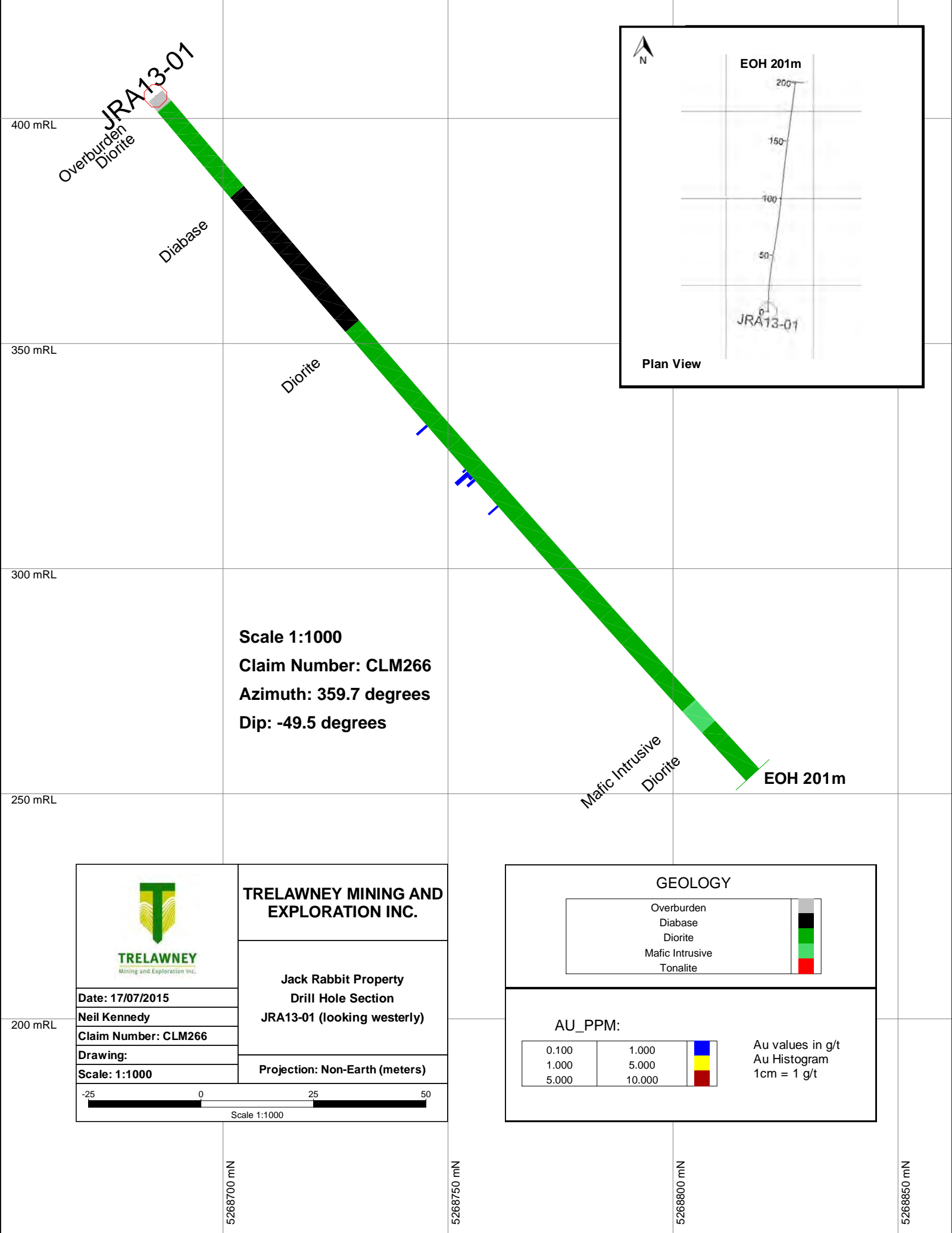
Quality Control																								
Analyte Symbol	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy	Cu	Ge
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.1	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Analysis Method	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
GXR-1 Meas	741	10.2	395	2.7	28.4	267	20	< 0.1	16.7	0.8	25	23.1	7.4	747	7.1	13.3		7.5	2.4	3.8	0.7	4.5	1030	
GXR-1 Cert	760	13.8	427	14.0	32.0	275	38.0	0.800	18.0	0.770	54.0	122	13.0	750	7.50	17.0		18.0	2.70	4.20	0.830	4.30	1110	
GXR-4 Meas	74.6	18.1	101	110	14.5	209	46	8.0	316	0.2	7	3.7	0.8	79	55.9	98.0		39.5	5.8	5.0	0.5	2.8	6080	
GXR-4 Cert	73.0	20.0	98.0	160	14.0	221	186	10.0	310	0.270	5.60	4.80	0.970	1640	64.5	102		45.0	6.60	5.25	0.360	2.60	6520	
SDC-1 Meas	107	23.3	0.2	128	36.4	177	30	< 0.1	< 0.1		< 1	< 0.1		652	40.5	82.2		37.8	7.1	7.1	1.0	6.5	29.4	
SDC-1 Cert	103.00	21.00	0.220	127.00	40.0	180.00	290.00	21.00	0.250		3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70	30.00	
GXR-6 Meas	139	31.4	252	87.8	14.5	41.0	70	< 0.1	0.4	< 0.1	< 1	0.2	< 0.1	1390	13.5	35.5		12.8	2.5	2.7	0.4	2.6	70.3	
GXR-6 Cert	118	35.0	330	90.0	14.0	35.0	110	7.50	2.40	0.260	1.70	3.60	0.0180	1300	13.9	36.0		13.0	2.67	2.97	0.415	2.80	66.0	
SAR-M (U.S.G.S.) Meas	916	18.1	37.4	150	39.3	156		5.0	6.5	1.0	3	2.2	0.4	817	60.7	116							331	
SAR-M (U.S.G.S.) Cert	930.0	17	38.8	146	28.00	151		29.9	13.1	1.08	2.76	6.0	0.96	801	57.4	122.0							331	
DNC-1a Meas	72.0				18.5	149		42				0.6		114	4.0			4.8					102	
DNC-1a Cert	70.0				18.0	144.0	38.000					0.96		118	3.6			5.20					100.0	
OxK94 Meas																								
OxK94 Cert																								
OxL93 Meas																								
OxL93 Cert																								
OxD108 Meas																								
OxD108 Cert																								
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OxD108 Meas																								
OxD108 Cert																								
SBC-1 Meas	213	28.6	29.3	153	37.2	193	135	14.1	2.4		3	0.9		787	53.0	104	13.6	49.3	9.4	9.2	1.3	7.1	33.1	
SBC-1 Cert	186.0	27.0	25.7	147	36.5	178.0	134.0	15.3	2.40		3.3	1.01		788.0	52.5	108.0	12.6	49.2	9.6	8.5	1.20	7.10	31.0	
SG66 Meas																								
SG66 Cert																								
SG66 Meas																								
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SG66 Meas																								
SG66 Cert																								
403501 Orig	3090	24.0	11.1	84.5	64.6	140	101	9.1	4.1	0.1	9	0.2	0.4	31	30.3	69.2	9.9	39.4	9.8	12.5	2.0	11.9	755	0.4
403501 Dup	3000	23.1	3.3	82.6	60.5	130	78	6.5	2.4	0.1	8	0.1	< 0.1	28	28.5	66.2	9.5	38.7	9.2	11.8	2.0	12.3	726	0.5
403510 Orig																								
403510 Dup																								
403520 Orig																								
403520 Dup																								
403530 Orig	61.9	21.1	0.6	44.8	30.4	147	68	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	222	13.9	34.0	5.0	20.6	5.1	6.2	1.0	5.8	34.6	0.2
403530 Split	75.5	20.9	0.6	49.4	31.4	145	57	< 0.1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	218	15.8	37.1	5.3	21.8	5.3	6.4	1.0	5.9	31.5	0.3
403530 Orig																								
403530 Dup																								
403538 Orig	39.8	20.2	7.3	33.8	59.2	182	106	1.5	0.2	< 0.1	21	< 0.1	< 0.1	188	42.9	83.6	11.0	41.6	9.2	10.7	1.8	10.4	27.5	0.6
403538 Dup	53.1	19.5	2.4	32.9	58.4	176	113	< 0.1	< 0.1	< 0.1	3	< 0.1	< 0.1	185	40.7	83.5	10.8	40.1	9.2	11.3	1.9	10.5	27.5	0.4
403540 Orig	91.0	23.8	2.1	39.7	50.5	216	47	< 0.1	< 0.1	< 0.1	2	< 0.1	< 0.1	241	27.8	62.9	8.2	34.4	8.1	10.0	1.5	9.2	73.2	0.3
403540 Dup	38.4	22.7	1.7	38.3	50.6	217	47	< 0.1	< 0.1	< 0.1	2	< 0.1	< 0.1	245	29.7	67.7	8.7	35.8	8.5	10.5	1.6	9.3	71.1	0.3
403544 Orig																								

Quality Control											
Analyte Symbol	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Detection Limit	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Analysis Method	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
GXR-1 Meas	0.3	1.6	0.2	< 0.1	99.8		0.40	632	3.2	26.5	
GXR-1 Cert	0.430	1.90	0.280	0.175	164		0.390	730	2.44	34.9	
GXR-4 Meas	0.2	0.8	0.1	0.4	29.7		3.31	47.3	16.0	4.7	
GXR-4 Cert	0.210	1.60	0.170	0.790	30.8		3.20	52.0	22.5	6.20	
SDC-1 Meas	0.5	2.7		< 0.1	< 0.1		0.65	23.2	10.8	2.4	
SDC-1 Cert	0.65	4.00		1.20	0.800		0.70	25.00	12.00	3.10	
GXR-6 Meas	0.3	1.4	0.2	< 0.1	< 0.1		2.41	101	5.2	1.3	
GXR-6 Cert	0.0320	2.40	0.330	0.485	1.90		2.20	101	5.30	1.54	
SAR-M (U.S.G.S.) Meas					1.2		2.91	826	15.7	3.6	
SAR-M (U.S.G.S.) Cert					9.78		2.7	982	17.2	3.57	
DNC-1a Meas		1.6									
DNC-1a Cert		2.0									
OXX94 Meas											3.50
OXX94 Cert											3.56
OXL93 Meas											5.78
OXL93 Cert											5.84
OxD108 Meas											
OxD108 Cert											
OxD108 Meas											
OxD108 Cert											
OxD108 Meas											
OxD108 Cert											
OxD108 Meas											
OxD108 Cert											
OxD108 Meas											
OxD108 Cert											
OxD108 Meas											
OxD108 Cert											
OxD108 Meas											
OxD108 Cert											
SBC-1 Meas	0.6	2.8	0.5	0.6	0.6		1.01	37.4	16.0	5.2	
SBC-1 Cert	0.56	3.64	0.54	1.10	1.60		0.89	35.0	15.8	5.76	
SG66 Meas											
SG66 Cert											
SG66 Meas											
SG66 Cert											
SG66 Meas											
SG66 Cert											
SG66 Meas											
SG66 Cert											
SG66 Meas											
SG66 Cert											
SG66 Meas											
SG66 Cert											
403501 Orig	1.0	5.2	0.7	0.4	0.8	0.003	0.59	2040	4.3	1.2	
403501 Dup	1.0	5.0	0.8	0.1	0.4	0.011	0.53	2060	3.9	3.0	
403510 Orig											
403510 Dup											
403520 Orig											
403520 Dup											
403530 Orig	0.5	2.7	0.5	< 0.1	< 0.1	0.005	0.21	1.3	2.7	2.4	
403530 Split	0.5	2.7	0.5	< 0.1	< 0.1	0.008	0.20	1.4	2.7	0.6	
403530 Orig											
403530 Dup											
403538 Orig	0.8	3.8	0.6	< 0.1	< 0.1	0.008	0.12	5.1	4.2	0.8	
403538 Dup	0.8	3.9	0.6	< 0.1	< 0.1	0.010	0.12	5.2	3.9	0.8	
403540 Orig	0.7	3.4	0.5	< 0.1	< 0.1	0.008	0.15	4.8	3.6	0.7	
403540 Dup	0.7	3.6	0.5	< 0.1	< 0.1	0.012	0.14	3.7	3.6	0.7	
403544 Orig											


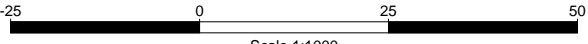
Quality Control											
Analyte Symbol	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Th	U	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Detection Limit	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	0.1	0.1	0.03
Analysis Method	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	FA-GRA
403544 Dup											
403550 Orig	0.4	1.9	0.3	< 0.1	< 0.1	0.009	0.28	2.1	2.6	0.9	
403550 Split	0.3	1.8	0.3	< 0.1	< 0.1	0.003	0.28	3.5	2.2	0.7	
403554 Orig											
403554 Dup											
403561 Orig	0.3	1.5	0.3	0.3	< 0.1	0.006	0.20	3.3	7.3	1.7	
403561 Split	0.3	1.6	0.3	0.5	< 0.1	0.002	0.21	3.4	7.6	1.8	
403564 Orig											
403564 Dup											
403574 Orig	0.3	1.6	0.3	0.5	< 0.1	0.007	0.28	3.7	7.3	1.9	
403574 Dup	0.3	1.5	0.2	0.6	< 0.1	0.005	0.28	3.6	7.3	1.9	
403577 Orig											
403577 Dup											
403579 Orig	0.4	1.7	0.3	0.2	< 0.1	0.001	0.23	4.1	9.7	2.5	
403579 Dup	0.4	1.7	0.3	0.5	< 0.1	0.005	0.21	4.1	10.1	2.5	
403587 Orig											
403587 Dup											
403590 Orig	0.3	1.8	0.3	0.5	< 0.1	0.005	0.16	3.9	6.7	1.8	
403590 Split	0.3	1.8	0.3	0.5	< 0.1	0.003	0.18	4.0	6.9	1.8	
403597 Orig											
403597 Dup											
403600 Orig	0.4	1.7	0.3	0.4	< 0.1	0.001	0.20	3.2	6.3	2.0	
403600 Split	0.4	1.7	0.3	0.6	< 0.1	0.005	0.21	3.2	5.6	1.4	
403608 Orig	0.3	1.6	0.3	0.4	< 0.1	0.008	0.17	8.3	5.2	1.3	
403608 Dup	0.3	1.6	0.2	0.3	< 0.1	0.006	0.18	8.5	5.5	1.4	
403610 Orig											
403610 Dup											
403618 Orig	0.4	1.7	0.3	0.4	< 0.1	0.009	0.17	4.5	5.6	1.5	
403618 Dup	0.4	1.8	0.3	0.4	0.1	0.003	0.18	4.6	5.8	1.5	
403619 Orig	0.2	0.8	0.2	< 0.1	< 0.1	0.006	0.12	1.7	1.6	0.4	
403619 Split	0.2	0.8	0.1	< 0.1	< 0.1	0.003	0.11	1.7	1.7	0.3	
403619 Split	0.2	0.8	0.1	< 0.1	< 0.1	0.003	0.11	1.7	1.7	0.3	
Method Blank											
Method Blank											
Method Blank											
Method Blank											
Method Blank											
Method Blank											
Method Blank											
Method Blank											
Method Blank											
Method Blank											
Method Blank											< 0.03
Method Blank											< 0.03
Method Blank											
Method Blank											
Method Blank											
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 0.1	< 0.1	








APPENDIX C:

Cross Sections for Drill Holes JRA13-01 & JRA13-02



Scale 1:1000
Claim Number: CLM266
Azimuth: 359.7 degrees
Dip: -49.5 degrees

 TRELAWNEY <small>Mining and Exploration Inc.</small>	TRELAWNEY MINING AND EXPLORATION INC.	
	Jack Rabbit Property Drill Hole Section JRA13-01 (looking westerly)	
	Projection: Non-Earth (meters)	
	Date: 17/07/2015 Neil Kennedy Claim Number: CLM266	
	Drawing: Scale: 1:1000	
 Scale 1:1000		

GEOLOGY		
Overburden		
Diabase		
Diorite		
Mafic Intrusive		
Tonalite		
AU_PPM:		
0.100	1.000	
1.000	5.000	
5.000	10.000	
Au values in g/t Au Histogram 1cm = 1 g/t		

5268700 mN

5268750 mN

5268800 mN

5268850 mN

JRA13-02
Overburden
Diabase

400 mRL

300 mRL

200 mRL

100 mRL

Scale 1:1500
Claim Number: CLM266
Azimuth: 351.2 degrees
Dip: -60.6 degrees

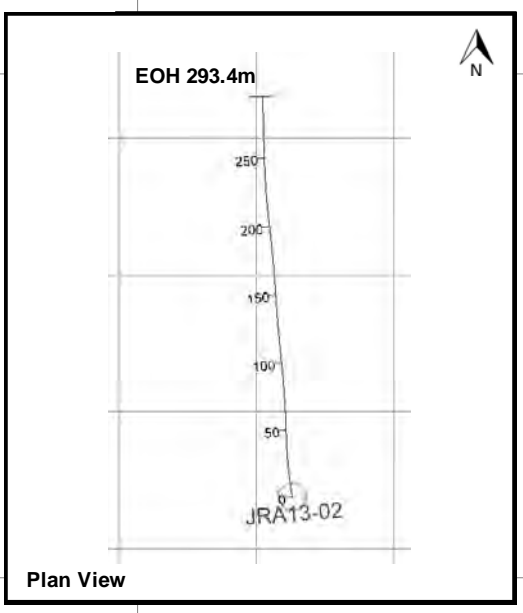
Tonalite


Diorite

Diabase

EOH 293.4m

Plan View

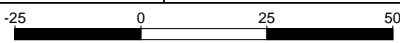




TRELAWNEY MINING AND EXPLORATION INC.


**Jack Rabbit Property
Drill Hole Section
JRA13-02 (looking westerly)**

Date: 17/07/2015	
Neil Kennedy	
Claim Number: CLM266	
Drawing:	
Scale: 1:1500	Projection: Non-Earth (meters)



Scale 1:1500

GEOLOGY

<ul style="list-style-type: none"> Overburden Diabase Diorite Mafic Intrusive Tonalite 	
---	---

AU_PPM

0.100	1.000	
1.000	5.000	
5.000	10.000	

Au values in g/t
Au Histogram
1cm = 1 g/t

5268300 mN

5268400 mN

5268500 mN

APPENDIX D:
QA / QC Report

Jack Rabbit QA/QC Report

An exploration diamond drilling program was carried on the Jack Rabbit claim group in Chester Township consisting of 2 drill holes between December 2nd – 7th 2013 by Trelawney Mining and Exploration Inc. The following report describes the analytical QA/QC work performed in concert with diamond drill core assaying of JRA13-01 and JRA13-02 samples. All assay results were received in the month of December 2013 and analytical certificates are available in APPENDIX B.

Results by Au Fire Assay and ICP-MS for 119 drill core samples for certificate A1-14695 including 4 Blanks, and 5 STDs. Standard CRM's used were OREAS 204, OREAS 206, OREAS 62c and OREAS 501b. Mean Au values for the standards ranged from 0.248 ppm Au – 8.79 ppm Au. Standards were inserted every 24th sample in rotation with blank material every 12th sample. Samples were sent to Activation Laboratories to the Sudbury, Ontario sample preparation facility with all other analysis performed in Mississauga, Ontario. All samples received a standard Au analysis with Fire Assay finish of 5ppb lower detection limit along with a 57 element multi-acid ICP digest with a MS finish.

All blanks used passed falling below the UCL of 0.1 ppm Au with no failures or technician errors. Of the 4 standards used, there was one failure on OREAS 62c high Au standard that fell below -3 standard deviations, and no technician errors were identified. Lab internal QC results were referenced for the batch with the failed STD with all internal lab STDs passing. The batch was not re-assayed due to overall low Au grades. Over all, STDs used for quality control performed fairly well with a 0% failure rate with blanks, CRM standards performing well with a 0% failure rate on OREAS 204, OREAS 206 and OREAS 501b. OREAS 62c performed poorly with a 100% fail rate on the one CRM ran. A results table for standards and blanks used is shown below.

QA/QC Results - Blanks				
Start Date	12/12/2013	End Date 28/12/2013		
Lab: ActLabs Blank Code: BLKDIA Warning: 0.1 AU PPM				
		Total Samples	Passed	Failed
		4	4	0
Date	Cert	Samp	Pass	Fail
28/12/2013	A13-14695-Au	403524	<0.005	
28/12/2013	A13-14695-Au	403548	<0.005	
28/12/2013	A13-14695-Au	403572	<0.005	
28/12/2013	A13-14695-Au	403596	<0.005	
QA/QC Results - Standards				
From Date	12/12/2013	To Date 28/12/2013		
Lab: ActLabs Standard: OREAS 204 Mean:1.043 AU PPM				
Limits				
		2s	3s	
Upper		1.12	1.158	
Lower	0	0.966	0.927	
		Total Samples	Passed	Failed
		2	2	0
Date	Cert	Samp	Pass	Fail
28/12/2013	A13-14695-Au	403536	1.02	
28/12/2013	A13-14695-Au	403584	1.06	
QA/QC Results - Standards				
From Date	12/12/2013	To Date 28/12/2013		
Lab: ActLabs Standard: OREAS 206 Mean:2.197 AU PPM				
Limits				
		2s	3s	
Upper		2.36	2.441	
Lower	0	2.035	1.953	
		Total Samples	Passed	Failed
		1	1	0
Date	Cert	Samp	Pass	Fail
28/12/2013	A13-14695-Au	403512	2.21	
QA/QC Results - Standards				
From Date	12/12/2013	To Date 28/12/2013		
Lab: ActLabs Standard: OREAS 501b Mean:0.248 AU PPM				
Limits				
		2s	3s	
Upper		0.267	0.276	
Lower	0	0.229	0.219	
		Total Samples	Passed	Failed
		1	1	0
Date	Cert	Samp	Pass	Fail
28/12/2013	A13-14695-Au	403612	0.26	
QA/QC Results - Standards				

From Date 12/12/2013 To Date 28/12/2013

Lab: ActLabs Standard: OREAS 62c Mean:8.79 AU PPM

Limits

		2s	3s
Upper		9.21	9.42
Lower	0	8.36	8.15

Total Samples

Passed

Failed

1

0

1

Date

Cert

Samp

Pass

Fail

28/12/2013

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403560

6.67