Report on 2014 Surface Exploration Program

On The

Hiawatha Property

Lizar Township

District of Algoma

Ontario

Trelawney Mining and Exploration Inc.

Prepared by: A. Shea, A. Waram, S. Roach and A. Smith

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Table of Contents

1.0 – Introduction……1
2.0 – Property Description……1
2.1 – Location and Access……1
2.2 – Description of Mining Claims……2
2.3 – Topography and Physiography……6
3.0 – Historical Exploration……7
4.0 – Geology of the Area……8
4.1 Regional Geology……8
4.2 Property Geology……9
5.0 – Deposit Types ……9
6.0 – Summary of Trelawney Mining and Exploration Surface Exploration Program……9
6.1 – Geochemical Soil Survey……9
6.2 – Geological Investigation and Prospecting……10
6.3 – Environmental/Safety Component……11
7.0 – Analytical Quality Control and Quality Assurance……12
7.1 – Soil Analyses……12
7.2 – Rock Analyses……13
8.0 – Discussion of Results from 2014 Trelawney`s Surface Exploration Program……13
8.1 – Geochemical Soil Survey……14
8.2 – Geological Investigation and Prospecting……16
9.0 – Conclusion……20

10.0 – Recommendations……21
11.0 – References……21

Statement of Qualifications

Figures

Figure 1: Location Map of Trelawney Mining and Exploration Inc. Hiawatha Property……3
Figure 2: Hiawatha Property Access Map……4
Figure 3: Hiawatha Property Claim Map……5
Figure 4: OGS map 2355 from Geology of the Kabinakagami Lake Area (Siragusa, 1977)……..8
Table 3 – Soil Statistical Summary

Tables

Table 1: Hiawatha Project Claim Distribution……..2
Table 2: Brief Summation of Past Operators at the Hiawatha Property……7
Table 3 – Soil Statistical Summary ……15
Table 4 – R-Correlation Summary ……15

Photographic Plates

PLA-1: Signage posted approaching historic Hiawatha Mine from Kabinakagami Lake……11
PLA-2: Photo 2-Orange fencing surrounding the Hiawatha Gold Mine Shaft……12
PLA-3: Sample of Mafic metavolcanics northeast of the Hiawatha Gold Mine……16
PLA-4: Mafic metavolcanic breccia observed south of the Hiawatha Mine……17
PLA-5: Contact between mafic metavolcanics and tonalite-grandiorite intrusion……18
PLA-6: Intrusion Breccia along intrusive contact to the mafic metavolcanics……19

Appendices

Appendix 1 – Geochemical Soil Survey
2014 Hiawatha Soil Sample Location Map – Scale(1:2000)
2014 Hiawatha Soil Sample and Gold Geochemistry Map Scale (1:2000)
2014 Hiawatha Soil Survey Sample Descriptions
2014 AGAT Laboratories Au Assay/Geochemical Certificate 14U911282

Appendix 2 – Prospecting and Geological Investigation
2014 Hiawatha Outcrop Sampling Map – Scale 1:2000
2014 Hiawatha Geological Investigation GPS Tracks Map – Scale 1:2000
2014 Hiawatha Rock Outcrop Observation Map– Scale 1:2000
2014 Hiawatha Rock Sample Descriptions

2014 Activation Laboratories Au Assay Certificate (A14-08515-Au)
2014 Activation Laboratories ICP Assay Certificate(A14-08515-TD)

1.0 - Introduction

Trelawney Mining and Exploration holds 70% interest in a group of claims in Lizar township (G-2328), Sault Ste. Marie Mining Division located at 685000E 5415000N. This group of claims is comprised of 7 contiguous patented mining claims covering 96.554 ha, which host the past-producing Hiawatha Gold Mine, as well as 4 unpatented, contiguous mining claims consisting of 48 units. All the claims are contiguous.

The following report details the results of the 2014 exploration program carried out by Trelawney Mining and Exploration in October, 2014 at the Hiawatha Property. During this time the access trail was cleared and a B horizon soil survey carried out on behalf of Trelawney by Dan Patrie Exploration. A geological sampling program was carried out on the property by Trelawney Mining and Exploration. An additional objective for the program was the barricading of the old workings (Hiawatha Mine shaft) with safety fencing and posting of signage.

2.0 – Property Description

2.1 – Location and Access

The property is situated in the centre of Lizar Township, District of Algoma, Ontario. It is located at UTM Zone 16 685000E 5415000N. This area is approximately 65 km North-East of White River, Ontario and 45 km southeast of Hornepayne, Ontario (Fig. 1). The claims lie on the southwest shore and extend out towards a series of Islands on Kabinakagami Lake.

The property can be accessed by road via secondary Hwy 631 which connects from Highway 17 at White River, ON to Hwy 11 West of Hearst, ON. Approximately 62km North of White River, ON and 38km South of Hornepayne, ON is the eastern trending Breckenridge logging road (Fig. 2). Travel down the Breckenridge road for 20km to its junction with the Haken Rd. Travel south on the Haken Rd. for 10.5km and immediately after crossing the bridge at Bear Creek, the Haken Rd. meets an eastward logging trail. From here, all-terrain vehicles are used to travel the old logging trail which continues for approximately 5km. At the end of the logging trail an all-terrain vehicle trail has been cut 6km in length into the Hiawatha Mine by previous operators of the property.
The property can alternatively be accessed by a float-equipped charter aircraft from White River, ON or Hornepayne, ON.

2.2 – Description of Mining Claims

The Hiawatha property consists of one lease (7 patents) covering an area of 96.554ha and 4 unpatented mining claims covering an area of 665.97 ha (Fig 3 and Table 1). The claims are registered 100% to Trelawney Mining and Exploration Inc.

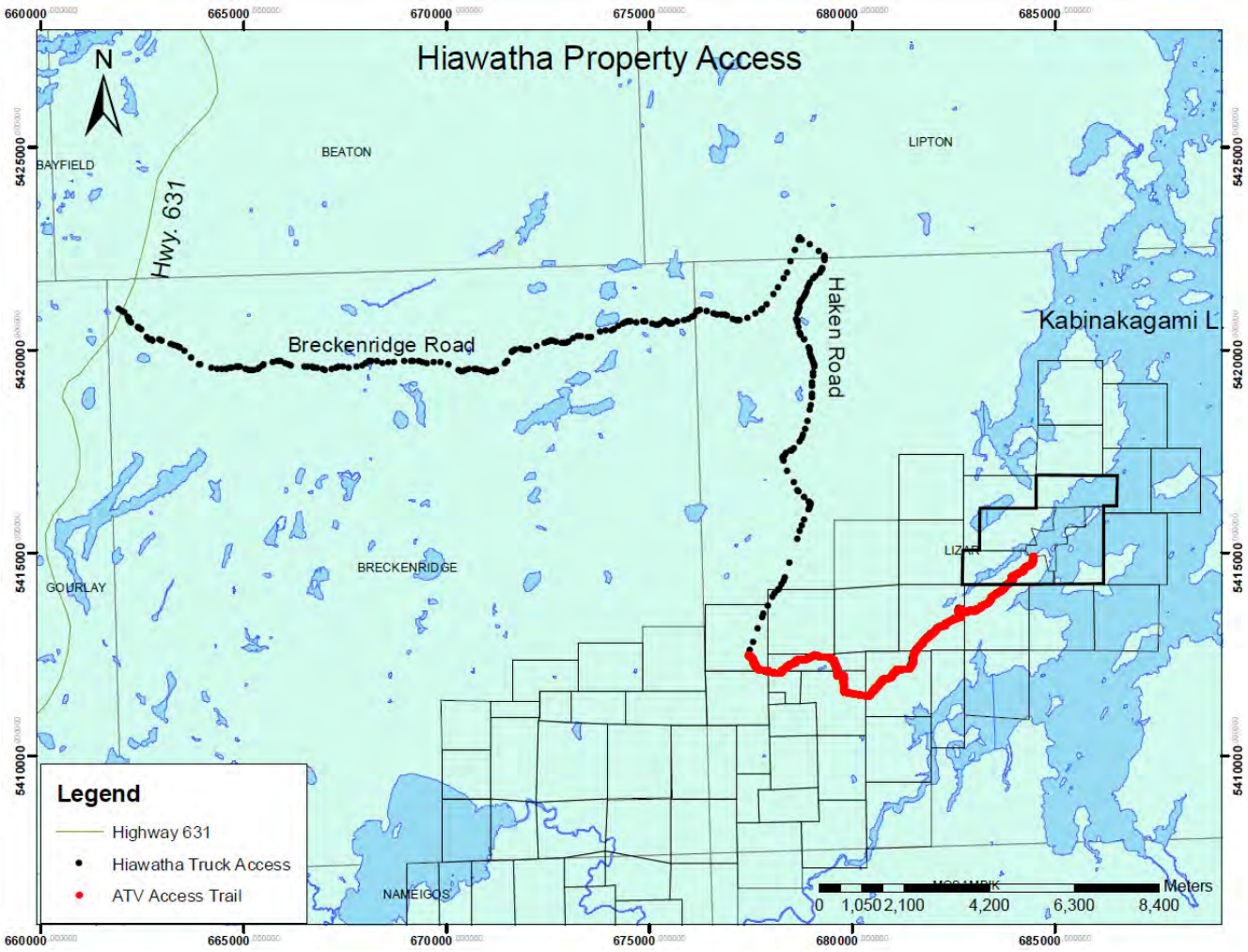
Table 1- Hiawatha Property Claim Distribution

Township	Claim Number	Recording Date	Claim Units	Ownership		
Lizar	4201057	2006-May-26	12	Registered 100% Trelawney		
Lizar	4201058	2006-May-26	13	Registered 100% Trelawney		
Lizar	4201059	2006-May-26	12	Registered 100% Trelawney		
Lizar	4201060	2006-May-26	11	Registered 100% Trelawney		
Township	Lease	Start Date	Lease Expiry	Survey Plan	Parcel No.	PIN No.
Lizar	108432	2009-Dec-01	2030-Nov-30	1R7232	1803AL	31056-0001LT
Mining Claims P500689, P500690, P500692, P500693, P500695, P500696, P500698						

Figure 1- Location Map of Trelawney Mining and Exploration Inc. Hiawatha Property

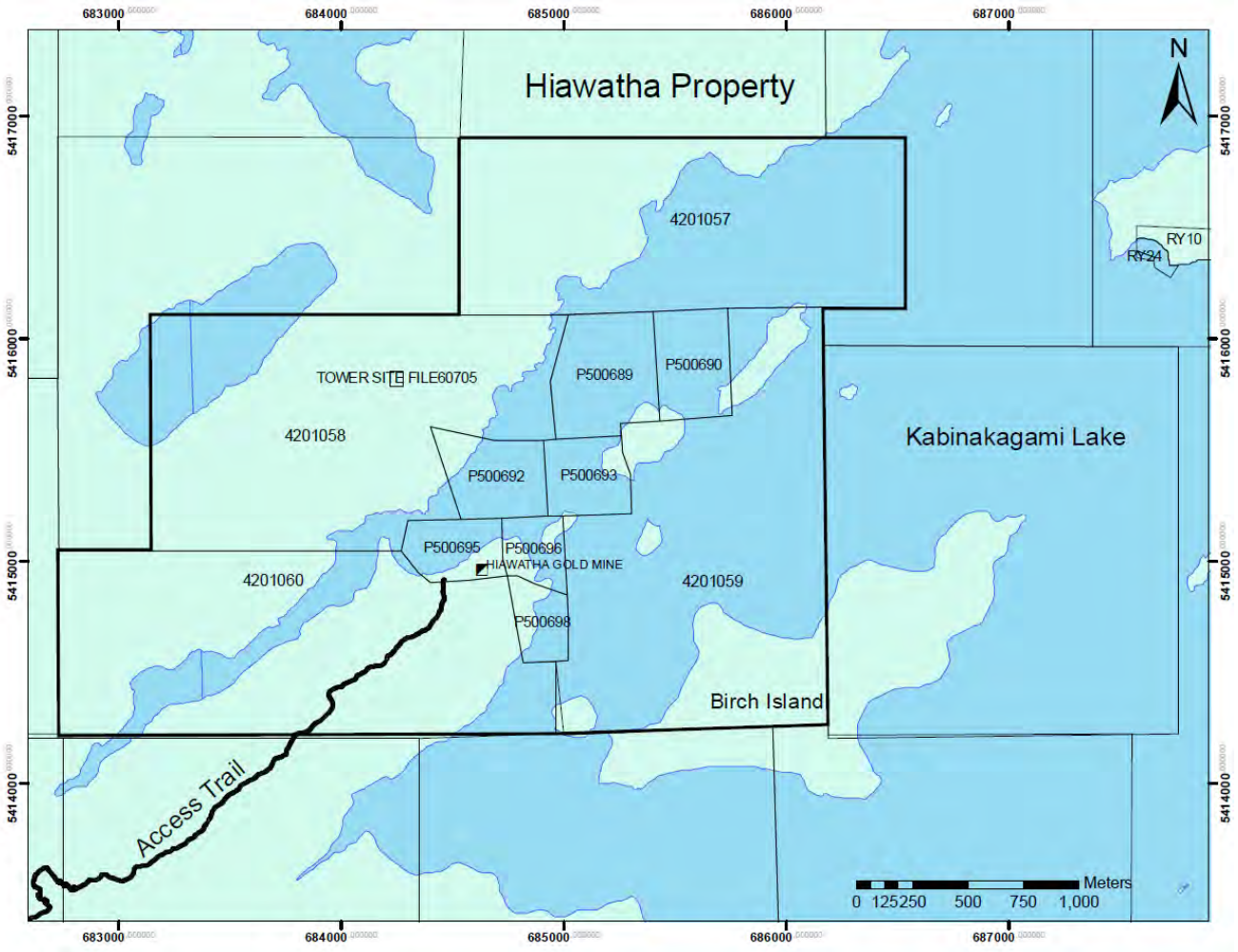
November, 2014

Figure 2-Hiawatha Project Access Map



November, 2014

Figure 3- Hiawatha Project Claim Map



November, 2014

2.3 – Topography and Physiography

The property is situated on the southwestern portion of Kabinakagami Lake. It consists of a northeast trending peninsula, 5 Islands on Kabinakagami Lake (Fig. 3). The elevation along the peninsula varies from 324 meters above sea level at the edge of the lake to 390 meters above sea level at the top of the ridge. To the north of the peninsula lies the lowland area of the Bear Creek Fault Zone. North of the fault along the Southwest shore of the lake there is parallel NE- trending ridge that a fire tower sits atop at an approximate elevation of 390 meters above sea level.

Dominant vegetation around Kabinakagami Lake includes white and black spruce, white birch, jack pine, tamarack, balsam, poplar and cedar swamps in low lying areas. (Siragusa, 1977) The main direction of glacial advance in the area was from the north-northeast. During deglaciation the ice front recession was fairly rapidly to the northeast.(Gartner & McQuay,1980)

The peninsula area does not feature any major till or other deposition, it is a large outcrop ridge covered by a discontinuous thin layer of overburden. The forest is mature and soils are undisturbed due to lack of activity on the remote property with the exception of trenching proximal to the Hiawatha mine.

3.0 – Historic Exploration

Table 2- Brief Summation of Past Operators at the Hiawatha Property

Company	Year	Summary of Historical Exploration Work
Hiawatha Gold Mines Limited	1936-1939	1936 - February 1937 Prospecting, Trenching and 32 DDH (3973m) Discovery of North and West Mineralized Zones February-July 1937 Completion of 16 additional DDH, locations unknown October 1937: A three compartment vertical shaft was sunk to 108m. Levels established at 46m (1st Level) and 84m (2nd Level) 1st Level Development: 283m cross-cutting, 258m of drifting 2nd Level Development: 533m of cross-cutting, 776m of drifting, 76m of raising. A total of 1059m Undergound DDH was completed Production: 1937 a 3 ton bulk sample yielded 17.8 oz Au 1939: Installation of a 25 ton mill on the property which treated 1928 tons and yielded 142 oz Au. Operations were halted in 1939 owing principally to the start of war.
Primrock Mining and Exploration Limited.	1966-1969	Dewatering, Rehabilitation, Surveying and Chip sampling of Underground Workings. 78 samples were sent for assay from the South Zone, 40 samples returned results over 10g/t. Surface sampling of the West Zone yielded results of 78, 244 and 383 g/t Au.
Bear Creek Gold Mines Limited.	1971	Joint Venture with Primrock conducted geophysical and geological work. However no records of this work have been located.
Keltic Mining Corporation Limited	1974	Conducted Magnetometer and VLF-EM surveys Dewatered and completed underground sampling and mapping.
Nickel Rim Mines Limited	1978	Line cutting, geological mapping, magnetic survey and 4 DDH totaling 519m
Sveinson Way Mineral Services Limited	1980	Prospecting, rock sampling and soil surveying, 18 DDH totaling 1300m
Tanglewood Consolidated Resources	1983	Helicopter magnetometer and EM Survery completed over a large area including Lizar Twp. by Aerodat Limited
Tanglewood Consolidated Resources	1983	Line Cutting, Geological mapping, Excavation of 10 trenches, 12 DDH (1371m),
Noranda Exploration Company	1987-1989	Line Cutting, Geological, Soil and Lithogeochemical Survey
Noranda Exploration Company	1993	IP and Magnetic Survey Conducted
Hendricks Minerals Canada	1996	2 DDH Program Totalling 400m
Beaufield Consolidated Resources Inc.	2003	Technical Report Form 43-101F1
Ginguro Exploration Inc.	2007	Geophysical Survey (Induced Polarization and Magnetometer)
Dan Patrie Exploration Ltd.	2010	Stripping, Geological Mapping and Sampling Program

(Cloutier, 2003) (Winters, 2010)

4.0 – Geology

4.1-Regional Geology

The Hiawatha property is located along the Southwestern portion of the Kabinakagami Lake greenstone belt within the Wawa subprovince (Fig. 4). The Kabinakagami belt is an Archean greenstone belt spanning approximately 100km from Nameigos Twp. to Champlain Twp. The belt is composed dominantly of mafic metavolcanics trending Northeast within the Kabinakagami Lake area. Within the mafic metavolcanics, intercalated intermediate and felsic metavolcanics occur as flows generally less than a meter in width. Along the southwestern portion of Kabinakagami Lake, interbedded metasediments are present, consisting of metagraywackes and metasiltstones. All lithological units are crosscut by late (Proterozoic) mafic intrusives. These are generally northwest trending diabase dikes, although some dikes do occur along a northeast trend. (Wilson, 1993)

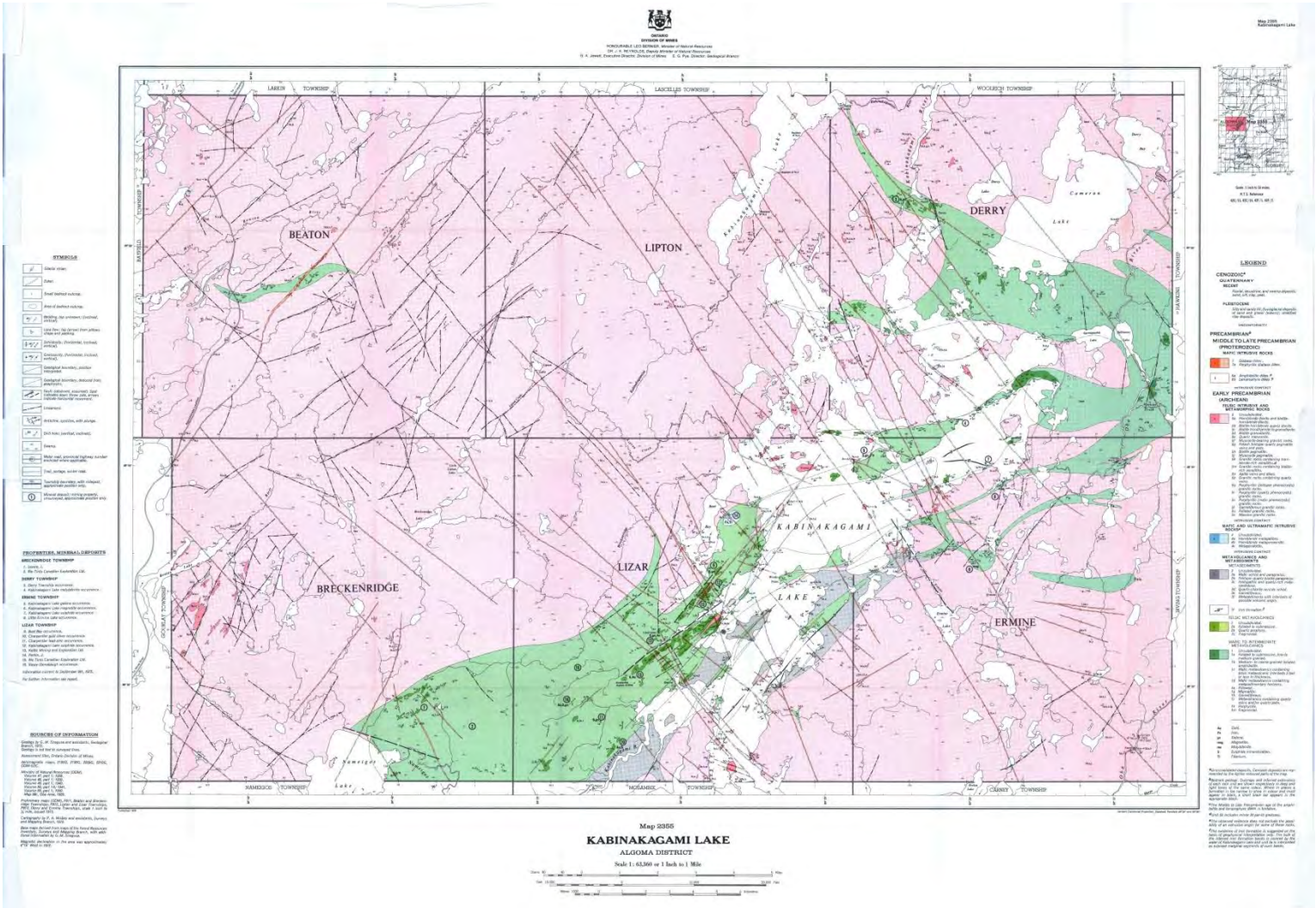


Figure 4– OGS map 2355 from Geology of the Kabinakagami Lake Area (Siragusa, 1977)

4.2-Property Geology

The property occupies a 4.6km long strike length of the Kabinakagami Lake Greenstone. This portion of the belt in Lizar Townsip is a northeast-trending steeply dipping sequence of mafic metavolcanics with lesser felsic to intermediate metavolcanics. The metavolcanics are intruded by a granodiorite-tronjhemite sill approximately 120m in width with a strike length of 4km. Along the boundary of the sill, an intrusion breccia is observed on the property.

The Northeast trending Bear Creek fault crosses through the middle of the property and has a 50-100m high strain zone associated with it on either side. Late north trending faults can be observed on the property displacing lithological units to the east and west of the Hiawatha mine.

Gold mineralization occurs within shear hosted quartz veins in the granodiorite sill. At the Hiawatha Mine, a 40m wide silicified shear zone called the South Zone was the primary focus of underground development and production. Within the property's North and West Zones, gold mineralization occurs within sheared quartz veins along the north boundary of the quartz porphyry unit. (Wilson, 1993)

5.0 – Deposit Types

The Hiawatha property and surrounding area exhibit favorable host rocks, alteration and structure for the following styles of Au mineralization:

1) Orogenic lode-gold quartz vein and wallrock replacement in a shear environment, and
2)Au associated with granitoid-hosted mineralization and aureole of contact metamorphosed supracrustal metavolcanics and metasediments.

6.0 – Summary of 2014 Surface Exploration Program

6.1-Geochemical Soil Survey

Dan Patrie Exploration Ltd. was contracted to complete trail rehabilitation and soil sampling on the Hiawatha property. Trail rehabilitation took place onOctober 7th, 8th and 15th in advance of the soil survey to clear deadfall and rehabilitate the 11km access route. This work was completed by Tyler Gagan of Espanola, Ontario and Ian Cardiff of Sault Ste. Marie, Ontario. A geochemical soil survey (B-Horizon Sampling) was undertaken between the dates of October 16th to November 1st. The soil survey was contracted to Dan Patrie Exploration Ltd. and sampling was done by Tyler Gagan of Espanola, Ontario and Ian Cardiff of Sault Ste. Marie, ON. The survey lines were designed using ArcGIS software with an optimal orientation of 324

degrees to cover the favorable stratigraphy. Samplers were provided with maps showing lines and UTM endpoints and were instructed to collect samples at 25m spacing. Soil was collected with the use of a steel soil auger. Sampling targeted the B soil horizon and notes were taken at each sample site to indicate a depth and description of the sample taken (Appendix 1). Samples were bagged and sealed in Tyvek CGS Sentry Soil bags and the corresponding station was written on the sample label affixed to the bag. Samplers took a waypoint of each sample site on a Garmin GPSmap 62s and tied a labelled ribbon with Station ID at the site should it require follow up. A second sample was collected at every 20th sample site for results comparison. The samples were stored in rice bags and secured with security tags. The samples were taken by Dan Patrie Exploration Ltd. to AGAT laboratories in Sudbury for drying and processing. A total of 138 samples were collected covering 3.35 line kilometers (Appendix 1). The average weight of samples taken was 496.1 grams, individual sample weights are listed on the assay certificate (Appendix 1). All UTM coordinates recorded for the purpose of this survey are in NAD83 Zone 16N.

The following is presented in Appendix 1:

2014 Hiawatha Soil Sample Location Map – Scale(1:2000)

2014 Hiawatha Soil Sample and Gold Geochemistry Map Scale (1:2000)

2014 Hiawatha Soil Survey Sample Descriptions

2014 AGAT Laboratories Au Assay/Geochemical Certificate 14U911282

6.2-Geological Investigation and Prospecting

A geological investigation and prospecting program was carried out by Trelawney Mining and Exploration. This program covered 2 days (October 16th and October 31st, 2014) with 17 outcrops visited on the Hiawatha property and 19 outcrop samples collected (Appendix 2). At each outcrop, observations were recorded regarding lithology, alteration, structure and mineralization. Samples were taken for assay and a GPS waypoint was recorded at the outcrop sample site on a Garmin GPSmap 62s. Outcrop sampling was completed using a mallet and chisel or with a geotool-type rock hammer. Samples were collected in 12x17" poly sample bags and assay tags were affixed and numbers written on the sample bag. A representative sample was collected in a separate bag at each sample site to be stored at Trelawney Mining and Exploration's office for later reference. Sample numbers were recorded on aluminum tags and orange flagging tape was tied at each sample location. A GPS trace was completed around the perimeter of the outcrop for plotting into ArcGIS. Samples were bagged in rice bags and security tagged following the work. Additional information gathered during this work included recording UTM coordinates, azimuth and dip for any drill collars observed. All UTM coordinates for the prospecting and sampling program are in NAD 83 Zone 16N. This work program was completed by Adam Waram and Andrew Shea of Trelawney Mining and Exploration Inc. on

October 16th and October 31st, 2014.

The following is presented in Appendix 2:
2014 Hiawatha Outcrop Sampling Map – Scale 1:2000
2014 Hiawatha Geological Investigation GPS Tracks Map – Scale 1:2000
2014 Hiawatha Rock Lithology Map – Scale 1:2000
2014 Hiawatha Rock Sample Descriptions
2014 Activation Laboratories Au Assay Certificate (A14-08515-Au)
2014 Activation Laboratories ICP Assay Certificate(A14-08515-TD)

6.3-Environmental/Safety Component

PLA-1: Signage posted by Trelawney Mining and Exploration personnel approaching historic Hiawatha Shaft from Kabinakagami L.

As part of the 2014 work program on the Hiawatha property, a component was to address the partially open shaft on the premises. The shaft site was visited and the limits clearly flagged for

safety reasons and signs posted. Approximately 65 feet of snow fence was secured to stakes and trees to barricade off the shaft area. This work was completed on November 29, 2014 by Adam Waram and Andrew Shea of Trelawney Mining and Exploration Inc.

PLA-2: Orange perimeter fencing established by Trelawney Mining and Exploration personnel around the Hiawatha Gold Mine Shaft

7.0-Quality Assurance/Quality Control of Analytical Results

7.1 Soil Analyses

A total of 138 soil samples were collected from the Hiawatha property, secured in rice bags and delivered to AGAT laboratories by Dan Patrie Exploration Ltd. Samples were received at AGAT laboratories 2054 Kingsway Rd. Sudbury, ON P3B 4J8 and logged into their Laboratory

Information Management System. Soil samples were then dried to 60 degrees Celsius and shaken on an 80 mesh sieve with the plus fraction stored and the minus fraction sent to laboratory for analysis. All samples were analyzed for gold by fire assay ICP-OES finish and a 45 element ICP-OES package. All methods used, analysis, and detection limits are reported on assay form 14U911282 included in Appendix 1. AGAT Laboratories has ISO 17025 accreditation with the Standards Council of Canada.

One sample from the survey was mislabelled; the lab reported two samples labelled HW-050 and subsequently no sample for HW-051. The samples were run as HW-050 and HW-050A but are not plotted on the map as we cannot verify which was taken at site HW-050 and HW-051. The results for these samples are reported within the assay certificates. Both returned low Au values HW-050 (4ppb Au) and HW-050A (3ppb Au).

7.2 Rock Analyses

A total of 19 rock samples were collected from the Hiawatha property by Trelawney Mining and Exploration during this surface exploration program. All samples were placed in rice bags with standard material inserted and security tagged. The samples were delivered by Trelawney Mining and Exploration personnel to Activation Laboratories (1010 Lorne St. Unit West 4, Sudbury, ON). Once the samples have been received they are logged into the labs internal management system.

Sample preparation involves drying, crushing the entire sample (up to 5 kg) to 80%-10 mesh, riffle split and pulverize a 350 gram split (500 gram bowl) to 95% -150 mesh. The lab utilizes cleaner sand between every sample to avoid contamination. Crushing and pulverizing equipment used are TM Engineering Terminators and TM MAX 2 pulverizers. Dust-control systems are in place to maintain contamination to as low a level as possible. One in forty samples has a second pulp prepared from the reject as a QC check. Pulp duplicates are also routinely prepared (1 in 20). Quality of the rejects and pulps are routinely monitored to ensure proper preparation procedures are performed.

Rock samples were analyzed using a 30gram fire assay with an atomic absorption finish. Detection limits are 5-5000ppb Au. Rock samples are then analyzed by a 4-acid 60 element ICP-MS package. All methods used, analysis, and detection limits are included on assay certificates A14-08515-Au and A14-08515TD (Appendix 2). Activation Laboratories (Actlabs) is accredited ISO 17025 by the Standards Council of Canada.

8.0 Discussion of Results from 2014 Trelawney`s Surface Exploration Program

8.1 Discussion of Geochemical Soil Survey

The purpose of the 2014 soil sampling on Hiawatha was to determine if anomalous gold mineralization is present along strike to the southwest from the Hiawatha Shaft. There are two, significant, northeast trending gold anomalies (A and B), which each cover a strike length over 1.2km (Appendix 1). There are two other gold anomalies (C and D), where the extent is unknown at this point of time. A statistical summary of the precious and base metal elements is outlined in Table 3

Anomaly A forms an arcuate gold anomaly, trending both northeast to east for approximately 1.1 kilometers. Values up to 104 ppb Au and 363 ppm Cu highlighted the anomalous values in Anomaly A. The eastern part of the anomaly is located approximately 175 meters south of the Hiawatha Shaft. There is a weak correlation between gold and the other pathfinders, with only sulfur (S) showing a relative increase, with a weak to moderate R-correlation with gold (Table 4)

The northeast trending Anomaly B has been outlined intermittently along a strike length of 1.2 kilometers. The eastern end of the anomaly is located approximately 70 meters north of the Hiawatha Shaft. Anomalous gold values up to 55 ppb Au, 0.6 ppm Ag, 661 ppm Cu, and 27.9 ppm Mo highlighted the anomalous precious and base metals along this anomalous trend. There is a very strong correlation between gold and iron (Fe), with weak to moderate correlation with Ag-(Mo-S), as summarized in (Table 4). There is also a strong correlation between Fe-S (R=0.88), which suggests there may be a sulphide association to Anomaly B, particularly in the central to southwest part of the anomaly.

Table 3 – Soil Statistical Summary

Element	N	Range - minimum-maximum (ppm)	Median (ppm)	Geometric Mean (μ)	Standard Deviation (σ)
Au	138	<1-366 ppb	2 ppb	2.1ppb	1.8 ppb
Ag	138	<0.2-0.6	0.3	0.2	0.17
As	138	<1-79	5.0	4.6	7.65
Cu	138	2.4-617	11.1	13.7	86.8
Pb	138	1.9-25.4	6.75	6.8	3.8
Zn	138	3.4-61.7	21.4	20.0	12.5
Mo	138	<0.5-27.9	2.4	2.45	4.0
S	138	<0.005-0.55	0.019	0.024	0.10
Fe	138	0.28-2.73%	1.235%	1.07%	0.61%

Table 4 – R-Correlation Summary

Correlation	Anomaly A	Anomaly B
Au-Ag	0.07	**0.39**
Au-As	0.11	0.11
Au-Cu	0.09	0.11
Au-Pb	0.09	0.19
Au-Zn	0.25	0.14
Au-Mo	0.12	0.22
Au-S	**0.39**	0.24
Au-Fe	0.16	**0.76**

Anomaly C and D are one sample anomalies located in the eastern part of the soil survey, and there extensions are unknown. However, they are part of a common spatial trend. Anomaly C returned the highest gold value in the soil survey at 366 ppb Au. There are no other anomalous pathfinders related to this gold anomaly. Anomaly D returned a gold value of 34 ppb Au, with coincidental anomalous Pb (25.4 ppm), As (13 ppm), and S (0.183%).

8.2 Discussion of Geological Investigation and Prospecting

The following is a synopsis of rock types, alteration, structure and mineralization encountered during the geological investigation and prospecting. No significant precious metal or base metal values were returned from our 2014 sampling (Appendix 2). A map showing investigation area and sample locations at a scale of 1:2000 is provided. (Appendix 2)

1a-Mafic Metavolcanic (Fine to Medium Grained Flows)

This unit is fine-grained, grey to dark green, and moderately foliated to massive. Alteration of this unit consists of moderate chlorite alteration which is pervasive, weak carbonate alteration along foliation planes, and moderate biotite alteration along foliation planes. The unit also contains some quartz veinlets, and contains trace disseminated pyrite mineralization. One sample taken from this unit displays weak magnetism, but the unit is generally non-magnetic. The foliation generally strikes 218-233°, and has a near vertical dip. We encountered several outcrops of dominantly mafic metavolcanics to the North and Northeast of Hiawatha Mine site.

PLA-3: Sample of Mafic metavolcanics northeast of the Hiawatha Mine shaft

1b- Mafic Metavolcanic Breccia

This unit is fine-grained, grey in colour, and moderately foliated. It contains felsic fragments (up to 15cm) which are elongated and oriented parallel to foliation. This unit is weakly magnetic, and contains some minor quartz veinlets. The alteration of the unit consists of weak sericite alteration along foliation planes, moderate pervasive chlorite alteration, weak patchy carbonate alteration, and weak epidote alteration proximal to veinlets. The foliation strikes 41-43° and dips vertically.

PLA-4: Mafic Metavolcanic Breccia observed south of the Hiawatha Mine.

2- Intermediate to Felsic Metavolcanic Flows

This unit is fine-grained, moderately foliated and grey in colour. It is non-magnetic. The alteration can consist of moderate, pervasive silicification, weak biotite alteration along foliation planes, and weak chlorite alteration which is pervasive and along foliation planes. This unit has trace pyrite mineralization that is disseminated and along foliation. The foliation is at a strike of 48° and a dip of 82°S. To the northeast of the peninsula we observed a thin layer of

felsic metavolcanics within the mafic flows. This layer was a little more than a meter in width and both contacts to the mafic metavolcanic were exposed. The contacts exhibited a strike of approximately 218 degrees.

Felsic Intrusives

3a- Tonalite to Granodiorite This unit is medium-grained, weak to moderately sheared, and light grey in colour. It is non-magnetic. The alteration consists of weak, pervasive silicification, moderate biotite alteration along foliation planes, weak chlorite alteration along foliation planes, and weak carbonate alteration along foliation planes. The shearing of the unit has a strike of 230° and a near vertical dip. Quartz veining is evident and generally strikes 235°. Some mafic enclaves occur near the contact with the mafic volcanic unit.

PLA-5: Contact between mafic metavolcanic and tonalite-grandiorite intrusion with a mafic enclave in top right corner

Intrusion Breccia (Tonalite Breccia)

This unit is medium-grained, light grey in colour, and moderately foliated. It contains mafic volcanic fragments/enclaves (5-25cm) which are mostly elongated and oriented parallel to foliation. This unit is non-magnetic, and contains some small, foliation controlled quartz veinlets. The alteration of the unit generally occurs in the matrix, and consists of moderate, pervasive silicification, weak to moderate biotite alteration along foliation planes, and weak to moderate chlorite alteration in the mafic volcanic fragments. The foliation strikes 232° and dips near vertically.

PLA-6: Intrusion Breccia along intrusive contact to the mafic metavolcanics, the mafic fragments within the intrusive exhibit an offset.

Porphyritic Felsic Intrusives

4a-Feldspar Porphyry

This unit consists of a fine-grained, beige matrix with larger feldspar phenocrysts (2-3mm). The unit is non-magnetic, and possesses a weak to moderate foliation striking 46-56° and dipping vertically. Quartz veining is present within this unit. The alteration consists of weak to moderate, pervasive silicification, weak biotite alteration along foliation planes, weak to moderate chlorite alteration which is pervasive and along foliation planes, weak carbonate alteration, and weak spotty hematite. The unit has trace pyrite mineralization that is disseminated, along foliation, and marginal to quartz veinlets. This unit occurs as small dikes on the peninsula south of the mine and were observed as a minor lithology crosscutting mafic metavolcanics at an orientation of 332/84N.

4b-Quartz Feldspar Porphyry

This unit consists of a fine-grained, grey matrix with feldspar (2-3mm) and quartz (4-10mm) phenocrysts. The unit is non-magnetic, and possesses a moderate foliation striking 30° and 71° at separate outcrops, but both dipping vertically. The alteration consists of weak, pervasive silicification, moderate biotite alteration along foliation planes, and moderate chlorite which is pervasive and along foliation planes. The unit has trace pyrite mineralization that is disseminated, and along foliation planes.

Late Mafic Intrusives

5-Diabase

This unit is fine grained to medium grained, massive and generally black in colour. It is strongly magnetic. This unit appears as cross cutting dykes running generally North-South and vertically dipping. While completing our work we encountered one several meters wide trending across the peninsula slightly to the northwest.

9.0 Conclusion

The 2014 geochemical soil survey carried out by Trelawney Mining and Exploration Inc. has outlined 2 distinct anomalous Au trends across a portion of the Hiawatha property. Anomalous Au in soil values in Anomaly A incude 104 ppb Au and 363 ppm Cu, while a subparallel zone (Anomaly B) returned 55 ppb Au, 0.6 ppm Ag, 661 ppm Cu, and 27.9 ppm Mo. Geological mapping confirmed the presence of Kabinakagami Lake Greenstone belt mafic metavolcanics with lesser felsic to intermediate metavolcanics which are intruded by a granodiorite-tronjhemite sill. Geological contacts and structures associated with the contacts can be favorable sites for Au deposition.

10.0 Recommendations

Future exploration work is warranted on the Hiawatha property. Future efforts should follow up on Au soil anomalies identified in this year's survey, with both infill and additional reconnaissance sampling. Additionally further detailed geological mapping should be undertaken to document the stratigraphy and alteration and to seek out new potential Au-bearing structures .

11.0 References

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Geology of the Kabinakagami Lake Area, District of Algoma; Ontario Division of Mines, Geoscience Report 159, 39p. Accompanied by Map 2355, scale 1:63 360

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 4th , 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 25 years since graduation from University.

5. I am responsible for the supervision of the 2014 Surface Exploration Program on the Hiawatha Property, and have reviewed the contents of this assessment report.

Dated November 24th , 2014

Appendix 1 – Geochemical Soil Survey

2014 Hiawatha Soil Sample Location Map – Scale(1:2000)
2014 Hiawatha Soil Sample and Gold Geochemistry Map Scale (1:2000)
2014 Hiawatha Soil Survey Sample Descriptions
2014 AGAT Laboratories Au Assay/Geochemical Certificate 14U911282

Hiawatha Property 2014 Soil Sample Sites

N

683500 683750 684000 684250 684500 684750

5415250 5415000 5414750 5414500 5414250

Kabinakagami Lake

P500695

P500696

P500698

4201060

HW-001 HW-002 HW-003 HW-004 HW-005 HW-006 HW-007 HW-008 HW-009 HW-010 HW-011 HW-012 HW-013 HW-014 HW-015 HW-016 HW-017 HW-018 HW-019 HW-020 HW-021 HW-022 HW-023 HW-024 HW-025 HW-026 HW-027 HW-028 HW-029 HW-030 HW-031 HW-032 HW-033 HW-034 HW-035 HW-036 HW-037 HW-038 HW-039 HW-040 HW-041 HW-042 HW-043 HW-044 HW-045 HW-046 HW-047 HW-048 HW-049 HW-052 HW-053 HW-054 HW-055 HW-056 HW-057 HW-058 HW-059 HW-060 HW-061 HW-062 HW-063 HW-064 HW-065 HW-066 HW-067 HW-068 HW-069 HW-070 HW-071 HW-072 HW-073 HW-074 HW-075 HW-076 HW-077 HW-078 HW-079 HW-080 HW-081 HW-082 HW-083 HW-084 HW-085 HW-086 HW-087 HW-088 HW-089 HW-090 HW-091 HW-092 HW-093 HW-094 HW-095 HW-096 HW-097 HW-098 HW-099 HW-100 HW-101 HW-102 HW-103 HW-104 HW-105 HW-106 HW-107 HW-108 HW-109 HW-110 HW-111 HW-112 HW-113 HW-114 HW-115 HW-116 HW-117 HW-118 HW-119 HW-120 HW-121 HW-122 HW-123 HW-124 HW-125 HW-126 HW-127 HW-128 HW-129 HW-130 HW-131 HW-132 HW-133 HW-134 HW-135 HW-136 HW-137 HW-138

0 37.5 75 150 225 300 Meters

Hiawatha Property 2014 Soil Au ppm Results

N

683500 683750 684000 684250 684500 684750

5415250 5415000 5414750 5414500 5414250

Kabinakagami Lake

P500695

P500696

P500698

4201060

HIAWATHA GOLD MINE

Anomaly A

Anomaly B

Anomaly C

Anomaly D

Legend

- Samples Reporting Below Au Detection Limits
- Samples Reporting Au Values (ppm)

0 37.5 75 150 225 300 Meters

Station	Easting	Northing	Elevation	Soil Type	Colour	Grain Size	Depth
HW-001	684642	5415050	334 m	sand	brown	course	10cm
HW-002	684671	5415039	339 m	sand	brown	medium	10cm
HW-003	684688	5415024	339 m	clay	grey	course	5cm
HW-004	684717	5414996	338 m	loam	black	medium	15cm
HW-005	684726	5414982	341 m	sand	brown	medium	10cm
HW-006	684731	5414957	344 m	clay	grey	fine	10cm
HW-007	684755	5414941	349 m	organics	black	fine	2cm
HW-008	684772	5414925	350 m	organics	black	fine	2cm
HW-009	684785	5414893	347 m	loam	brown	fine	10cm
HW-010	684788	5414871	342 m	sand	brown	medium	10cm
HW-011	684791	5414846	338 m	loam	black	medium	15cm
HW-012	684808	5414830	339 m	loam	brown	medium	10cm
HW-013	684823	5414807	339 m	clay	brown	fine	15cm
HW-014	684842	5414787	339 m	clay	brown	fine	20cm
HW-015	684851	5414761	337 m	loam	black	medium	20cm
HW-016	684864	5414740	334 m	clay	grey	fine	20cm
HW-017	684874	5414726	333 m	loam	grey	medium	20cm
HW-018	684769	5414549	336 m	loam	brown	medium	10cm
HW-019	684758	5414584	343 m	sand	grey	fine	15cm
HW-020	684749	5414597	344 m	sand	brown	medium	5cm
HW-021	684749	5414597	345 m	sand	brown	medium	5cm
HW-022	684729	5414627	350 m	sand	brown	medium	10cm
HW-023	684711	5414638	356 m	organics	black	course	5cm
HW-024	684702	5414667	359 m	sand	brown	course	5cm
HW-025	684685	5414683	359 m	organics	black	medium	5cm
HW-026	684661	5414698	361 m	organics	black	medium	5cm
HW-027	684641	5414716	347 m	sand	grey	medium	15cm
HW-028	684643	5414747	347 m	loam	brown	medium	10cm
HW-029	684620	5414757	345 m	loam	brown	medium	5cm
HW-030	684599	5414774	344 m	loam	brown	medium	10cm
HW-031	684584	5414799	343 m	loam	black	medium	15cm
HW-032	684568	5414819	345 m	loam	brown	medium	10cm
HW-033	684557	5414836	343 m	loam	black	medium	15cm
HW-034	684542	5414861	342 m	clay	brown	medium	10cm
HW-035	684522	5414872	340 m	loam	black	medium	10cm
HW-036	684511	5414896	340 m	organics	black	fine	10cm
HW-037	684499	5414914	337 m	loam	brown	medium	20cm
HW-038	684483	5414932	335 m	loam	black	medium	10cm
HW-039	684460	5414943	331 m	loam	black	medium	5cm
HW-040	684179	5414993	324 m	clay	brown	fine	20cm
HW-041	684196	5414970	324 m	clay	brown	fine	10cm
HW-042	684196	5414970	325 m	clay	brown	fine	10cm
HW-043	684218	5414958	325 m	mud	black	fine	20cm
HW-044	684223	5414932	341 m	mud	black	fine	10cm
HW-045	684241	5414911	341 m	mud	black	fine	20cm

HW-046	684258	5414890	325 m	clay	black	fine	20cm
HW-047	684273	5414872	325 m	sand	brown	fine	10cm
HW-048	684292	5414856	327 m	clay	brown	medium	10cm
HW-049	684301	5414840	334 m	clay	grey	medium	10cm
HW-050	684312	5414812	343 m	clay	grey	fine	5cm
HW-051	684334	5414795	347 m	sand	brown	medium	10cm
HW-052	684347	5414777	349 m	sand	brown	medium	10cm
HW-053	684364	5414758	351 m	loam	black	medium	10cm
HW-054	684385	5414738	352 m	sand	brown	medium	5cm
HW-055	684389	5414714	350 m	sand	brown	medium	10cm
HW-056	684410	5414693	351 m	sand	brown	medium	10cm
HW-057	684423	5414675	353 m	mud	black	medium	15cm
HW-058	684439	5414651	358 m	loam	black	medium	10cm
HW-059	684455	5414637	360 m	clay	brown	fine	10cm
HW-060	684463	5414610	364 m	loam	brown	fine	10cm
HW-061	684476	5414589	367 m	clay	brown	fine	10cm
HW-062	684491	5414564	370 m	sand	brown	medium	10cm
HW-063	684491	5414564	371 m	sand	brown	medium	10cm
HW-064	684506	5414552	373 m	clay	brown	fine	5cm
HW-065	684530	5414530	369 m	sand	brown	medium	5cm
HW-066	684538	5414515	366 m	loam	brown	medium	5cm
HW-067	684560	5414494	361 m	sand	brown	medium	10cm
HW-068	684569	5414473	356 m	sand	brown	medium	10cm
HW-069	684584	5414449	349 m	clay	brown	fine	10cm
HW-070	684595	5414426	344 m	loam	brown	medium	10cm
HW-071	684621	5414412	341 m	clay	brown	fine	5cm
HW-072	684632	5414391	336 m	sand	brown	medium	10cm
HW-073	684645	5414374	335 m	clay	brown	fine	10cm
HW-074	684656	5414358	329 m	clay	grey	fine	10cm
HW-075	684510	5414231	326 m	clay	brown	fine	15cm
HW-076	684486	5414259	332 m	clay	brown	fine	5cm
HW-077	684472	5414276	338 m	sand	brown	medium	10cm
HW-078	684461	5414297	342 m	sand	brown	medium	10cm
HW-079	684443	5414322	344 m	clay	grey	medium	10cm
HW-080	684441	5414349	347 m	mud	black	fine	2cm
HW-081	684430	5414369	354 m	loam	black	medium	5cm
HW-082	684417	5414393	364 m	clay	grey	fine	5cm
HW-083	684395	5414406	369 m	organics	black	fine	0cm
HW-084	684395	5414406	370 m	organics	black	fine	0cm
HW-085	684379	5414426	373 m	clay	brown	fine	10cm
HW-086	684352	5414434	377 m	sand	brown	medium	10cm
HW-087	684329	5414454	379 m	sand	brown	medium	10cm
HW-088	684316	5414472	379 m	sand	brown	medium	10cm
HW-089	684317	5414505	378 m	sand	brown	medium	5cm
HW-090	684308	5414530	378 m	sand	brown	medium	5cm
HW-091	684289	5414546	378 m	loam	brown	medium	10cm
HW-092	684267	5414560	378 m	loam	brown	medium	5cm

HW-093	684248	5414581	373 m	sand	brown	medium	10cm
HW-094	684231	5414597	370 m	sand	brown	medium	10cm
HW-095	684215	5414619	365 m	sand	brown	medium	10cm
HW-096	684205	5414641	360 m	loam	black	fine	10cm
HW-097	684196	5414664	359 m	loam	black	fine	10cm
HW-098	684179	5414688	357 m	sand	brown	medium	10cm
HW-099	684168	5414703	354 m	loam	grey	medium	10cm
HW-100	684162	5414731	344 m	loam	black	fine	5cm
HW-101	684136	5414741	337 m	sand	brown	medium	10cm
HW-102	684114	5414762	331 m	sand	black	fine	10cm
HW-103	684096	5414782	330 m	loam	black	medium	10cm
HW-104	684079	5414795	328 m	loam	black	fine	10cm
HW-105	684079	5414795	328 m	loam	black	fine	10cm
HW-106	683516	5414235	368 m	clay	grey	fine	10cm
HW-107	683505	5414243	365 m	loam	black	medium	5cm
HW-108	683493	5414267	353 m	clay	grey	fine	10cm
HW-109	683486	5414292	347 m	loam	brown	medium	10cm
HW-110	683465	5414304	337 m	clay	brown	fine	15cm
HW-111	683447	5414324	332 m	sand	brown	medium	10cm
HW-112	683436	5414349	330 m	clay	brown	fine	10cm
HW-113	683421	5414367	322 m	sand	brown	fine	10cm
HW-114	683572	5414496	325 m	sand	brown	fine	10cm
HW-115	683592	5414476	331 m	clay	brown	fine	10cm
HW-116	683604	5414456	333 m	loam	black	fine	15cm
HW-117	683618	5414436	337 m	sand	brown	medium	10cm
HW-118	683658	5414376	378 m	loam	grey	medium	5cm
HW-119	683682	5414355	382 m	clay	grey	fine	10cm
HW-120	683689	5414331	381 m	loam	brown	medium	10cm
HW-121	683703	5414314	380 m	sand	brown	medium	10cm
HW-122	683718	5414295	379 m	loam	brown	medium	10cm
HW-123	683735	5414273	380 m	loam	brown	medium	10cm
HW-124	683750	5414256	375 m	sand	brown	medium	10cm
HW-125	683841	5414464	397 m	loam	black	medium	10cm
HW-126	683852	5414453	397 m	sand	brown	medium	10cm
HW-127	683852	5414453	397 m	sand	brown	medium	10cm
HW-128	683870	5414433	396 m	sand	brown	medium	10cm
HW-129	683882	5414411	390 m	loam	black	medium	5cm
HW-130	683898	5414396	383 m	sand	grey	medium	10cm
HW-131	683906	5414371	377 m	sand	brown	medium	10cm
HW-132	683925	5414352	373 m	sand	brown	medium	10cm
HW-133	683936	5414327	372 m	sand	brown	medium	10cm
HW-134	683950	5414310	374 m	sand	brown	medium	10cm
HW-135	683968	5414290	375 m	sand	brown	medium	10cm
HW-136	683986	5414268	375 m	sand	grey	medium	10cm
HW-137	683997	5414248	373 m	sand	grey	medium	10cm
HW-138	683998	5414236	371 m	sand	grey	medium	10cm

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: TRELAWNEY MINING & EXPLORATION
CHESTER #1, MINE SITE, P.O. BOX 100
GOGAMA, ON P0M1W0
(705) 269-0010

ATTENTION TO: ALAN SMITH

PROJECT:

AGAT WORK ORDER: 14U911282

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Nov 12, 2014

PAGES (INCLUDING COVER): 31

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

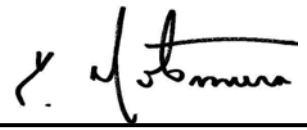
ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
HW-001 (6032325)	<0.2	1.21	3	<5	20	<0.5	<1	0.06	<0.5	15	5.5	31.3	12.9	2.60
HW-002 (6032326)	<0.2	1.75	3	<5	24	<0.5	<1	0.10	<0.5	21	5.3	30.7	36.2	1.50
HW-003 (6032327)	<0.2	0.22	3	<5	20	<0.5	<1	0.06	<0.5	15	1.1	5.5	2.5	0.12
HW-004 (6032328)	0.3	1.39	9	<5	110	0.7	<1	1.60	<0.5	42	8.9	31.0	23.4	1.68
HW-005 (6032329)	<0.2	1.13	4	<5	47	<0.5	<1	0.43	<0.5	22	6.7	22.3	5.6	1.59
HW-006 (6032330)	<0.2	0.50	4	<5	23	<0.5	<1	0.06	<0.5	19	2.4	12.5	3.8	0.71
HW-007 (6032331)	<0.2	0.25	2	<5	32	<0.5	<1	0.05	0.6	6	1.1	25.1	16.1	0.47
HW-008 (6032332)	<0.2	0.69	4	<5	35	<0.5	<1	0.07	0.6	8	1.3	20.3	50.6	0.52
HW-009 (6032333)	<0.2	0.84	2	<5	30	<0.5	<1	0.06	<0.5	12	2.6	19.4	23.6	1.08
HW-010 (6032334)	<0.2	0.87	3	<5	19	<0.5	<1	0.08	<0.5	18	3.3	12.1	11.7	1.33
HW-011 (6032335)	<0.2	1.79	9	<5	107	0.9	<1	0.94	<0.5	51	9.6	38.2	15.9	2.02
HW-012 (6032336)	<0.2	1.23	<1	<5	73	0.6	<1	0.55	<0.5	45	7.2	31.2	8.8	1.74
HW-013 (6032337)	<0.2	1.04	3	<5	47	<0.5	<1	0.42	<0.5	30	7.0	25.6	6.4	1.47
HW-014 (6032338)	0.3	0.70	8	<5	35	<0.5	<1	5.04	<0.5	34	5.2	22.4	7.2	1.20
HW-015 (6032339)	<0.2	1.04	13	6	83	0.6	<1	2.44	<0.5	30	9.4	31.9	22.8	1.49
HW-016 (6032340)	<0.2	1.53	8	<5	76	0.8	<1	0.75	<0.5	45	9.7	36.7	13.8	1.99
HW-017 (6032341)	<0.2	1.35	12	<5	65	0.7	<1	0.56	<0.5	39	8.6	31.1	9.7	1.68
HW-018 (6032342)	<0.2	0.64	4	<5	27	<0.5	<1	0.19	<0.5	18	4.9	16.9	5.1	0.91
HW-019 (6032343)	<0.2	0.57	2	<5	22	<0.5	<1	0.15	<0.5	17	4.2	15.1	4.2	0.83
HW-020 (6032344)	<0.2	1.51	6	<5	39	0.6	<1	0.25	<0.5	20	16.9	91.8	14.8	2.30
HW-021 (6032345)	<0.2	1.11	<1	<5	29	<0.5	<1	0.20	<0.5	21	10.7	47.6	10.9	1.65
HW-022 (6032346)	<0.2	0.87	<1	<5	25	<0.5	<1	0.17	<0.5	20	5.5	19.7	9.9	1.12
HW-023 (6032347)	<0.2	0.42	3	<5	22	<0.5	3	0.10	<0.5	14	1.9	8.2	12.0	0.33
HW-024 (6032348)	<0.2	0.87	<1	<5	24	<0.5	<1	0.14	<0.5	6	7.1	28.8	8.0	1.48
HW-025 (6032349)	<0.2	1.80	6	<5	116	0.6	1	0.76	<0.5	33	11.9	38.1	28.0	1.80
HW-026 (6032350)	<0.2	0.98	2	<5	56	<0.5	<1	0.47	<0.5	17	6.6	23.3	6.6	1.33
HW-027 (6032351)	<0.2	0.47	2	<5	26	<0.5	<1	0.14	<0.5	18	2.6	14.9	2.9	0.57
HW-028 (6032352)	<0.2	0.90	4	<5	31	<0.5	<1	0.10	<0.5	10	5.4	38.1	28.1	1.03
HW-029 (6032353)	<0.2	0.82	13	<5	32	<0.5	<1	0.18	<0.5	4	5.3	17.7	23.3	0.88
HW-030 (6032354)	<0.2	0.67	<1	<5	30	<0.5	<1	0.27	<0.5	19	5.3	17.8	7.9	0.95
HW-031 (6032355)	<0.2	1.47	8	<5	81	0.8	<1	0.86	<0.5	45	9.8	35.5	19.4	1.94
HW-032 (6032356)	<0.2	1.18	3	<5	50	0.6	<1	0.81	<0.5	35	8.3	27.3	10.8	1.63

Certified By:



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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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Certificate of Analysis

AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
HW-033 (6032357)	<0.2	1.18	10	<5	71	0.6	<1	1.33	<0.5	29	7.3	26.1	13.2	1.53
HW-034 (6032358)	<0.2	1.22	10	<5	52	0.6	<1	1.69	<0.5	39	7.7	29.7	9.1	1.64
HW-035 (6032359)	<0.2	1.21	4	<5	78	0.7	<1	2.06	<0.5	35	6.4	28.2	18.8	1.51
HW-036 (6032360)	0.4	0.85	11	7	90	0.6	<1	3.53	<0.5	34	6.0	18.7	88.8	1.02
HW-037 (6032361)	0.2	0.88	10	<5	64	<0.5	<1	1.91	<0.5	37	8.2	24.4	60.7	1.37
HW-038 (6032362)	<0.2	0.65	7	<5	57	<0.5	<1	1.36	1.9	29	5.6	18.7	35.0	1.10
HW-039 (6032363)	<0.2	0.69	7	<5	33	<0.5	<1	1.40	<0.5	24	4.9	17.1	6.2	1.03
HW-040 (6032364)	<0.2	1.88	8	<5	79	1.1	<1	0.73	<0.5	55	10.0	41.7	11.4	2.31
HW-041 (6032365)	<0.2	1.21	7	<5	56	0.6	<1	0.50	<0.5	32	7.9	27.7	5.4	1.56
HW-042 (6032366)	<0.2	1.16	<1	<5	55	0.6	<1	0.61	<0.5	30	7.6	26.8	5.9	1.46
HW-043 (6032367)	0.2	0.20	12	<5	47	<0.5	<1	3.81	<0.5	4	1.6	5.9	19.8	0.28
HW-044 (6032368)	0.3	0.17	79	6	38	<0.5	5	3.22	<0.5	3	17.2	7.2	33.7	0.31
HW-045 (6032369)	0.3	0.16	9	9	56	<0.5	<1	4.18	0.6	5	1.4	4.9	46.7	0.31
HW-046 (6032370)	0.3	0.27	11	5	43	<0.5	<1	3.74	<0.5	5	2.2	10.3	21.3	0.57
HW-047 (6032371)	0.2	0.88	9	<5	39	<0.5	<1	3.96	<0.5	28	5.7	21.7	7.4	1.23
HW-048 (6032372)	<0.2	0.96	4	<5	48	<0.5	<1	0.47	<0.5	29	7.2	23.9	11.4	1.47
HW-049 (6032373)	<0.2	0.37	2	<5	22	<0.5	<1	0.09	<0.5	6	2.3	22.5	10.5	0.31
HW-050 (6032374)	<0.2	0.60	3	<5	46	<0.5	<1	0.16	<0.5	16	2.9	23.0	55.1	0.48
HW-051 (6032375)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
HW-052 (6032376)	<0.2	0.66	5	<5	40	<0.5	<1	0.17	<0.5	14	5.3	21.2	4.2	1.51
HW-053 (6032377)	<0.2	1.25	8	<5	79	<0.5	<1	0.65	<0.5	15	8.7	38.8	23.5	1.84
HW-054 (6032378)	<0.2	0.72	4	<5	40	<0.5	1	0.34	<0.5	20	4.7	12.3	9.2	1.01
HW-055 (6032379)	<0.2	0.75	3	<5	42	<0.5	<1	0.37	<0.5	42	5.6	20.1	6.0	1.24
HW-056 (6032380)	<0.2	0.97	3	<5	40	0.5	<1	0.55	<0.5	36	6.4	25.3	8.8	1.50
HW-057 (6032381)	<0.2	1.01	3	<5	50	0.5	2	0.88	<0.5	33	6.0	24.4	16.9	1.37
HW-058 (6032382)	0.2	0.90	6	<5	66	<0.5	1	0.85	<0.5	32	6.1	27.6	8.4	1.35
HW-059 (6032383)	<0.2	0.77	8	<5	52	<0.5	<1	1.00	<0.5	26	5.8	24.5	7.2	1.48
HW-060 (6032384)	0.2	0.92	3	<5	100	<0.5	<1	2.34	<0.5	31	6.9	24.5	19.3	1.29
HW-061 (6032385)	<0.2	1.43	5	<5	78	0.7	<1	0.76	<0.5	65	7.3	31.5	11.4	1.72
HW-062 (6032386)	<0.2	0.65	5	<5	15	<0.5	<1	0.06	<0.5	15	2.8	11.6	12.2	0.82
HW-063 (6032387)	<0.2	0.91	4	<5	21	<0.5	2	0.09	<0.5	15	4.0	17.2	17.9	1.38
HW-064 (6032388)	<0.2	1.65	<1	<5	44	0.7	<1	0.18	<0.5	13	11.6	55.6	11.3	3.70

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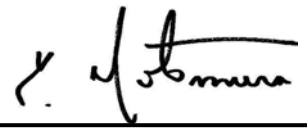

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
HW-065 (6032389)	<0.2	1.06	7	<5	39	<0.5	<1	0.09	<0.5	9	5.1	17.2	9.9	2.39
HW-066 (6032390)	<0.2	1.76	4	<5	21	0.7	<1	0.16	<0.5	13	15.1	51.0	16.9	2.73
HW-067 (6032391)	<0.2	0.76	<1	<5	41	<0.5	<1	0.20	<0.5	11	8.5	67.2	10.8	2.01
HW-068 (6032392)	<0.2	1.01	2	<5	35	<0.5	<1	0.15	<0.5	13	6.7	28.7	8.1	1.70
HW-069 (6032393)	<0.2	0.69	<1	<5	34	<0.5	<1	0.16	<0.5	19	5.4	23.4	21.2	1.03
HW-070 (6032394)	<0.2	0.61	<1	<5	51	<0.5	<1	0.13	<0.5	11	8.8	19.4	11.8	1.05
HW-071 (6032395)	<0.2	0.42	1	<5	30	<0.5	1	0.14	<0.5	17	2.6	9.3	3.6	0.70
HW-072 (6032396)	<0.2	1.24	1	<5	38	<0.5	<1	0.23	<0.5	23	6.6	24.3	4.8	1.65
HW-073 (6032397)	<0.2	1.15	4	<5	45	<0.5	<1	0.47	<0.5	32	7.2	32.4	7.1	1.62
HW-074 (6032398)	<0.2	0.46	4	<5	28	<0.5	<1	0.17	<0.5	19	3.9	12.7	3.3	0.64
HW-075 (6032399)	<0.2	0.78	2	<5	26	<0.5	<1	0.20	<0.5	17	4.9	20.7	3.4	1.19
HW-076 (6032400)	0.2	0.94	5	<5	71	<0.5	<1	0.52	<0.5	16	9.2	15.0	122	1.00
HW-077 (6032401)	<0.2	0.40	<1	<5	22	<0.5	<1	0.13	<0.5	15	2.9	9.6	3.1	0.68
HW-078 (6032402)	<0.2	0.88	<1	<5	48	<0.5	<1	0.27	<0.5	21	5.1	22.6	6.0	1.29
HW-079 (6032403)	<0.2	0.61	4	<5	39	<0.5	<1	0.18	<0.5	16	5.2	18.2	4.3	0.97
HW-080 (6032404)	<0.2	0.65	<1	<5	61	<0.5	<1	0.38	<0.5	25	6.0	17.4	18.7	1.01
HW-081 (6032405)	0.3	2.12	15	<5	99	1.1	<1	1.17	<0.5	108	18.1	57.6	106	2.36
HW-082 (6032406)	<0.2	0.28	1	<5	26	<0.5	<1	0.21	<0.5	10	2.5	6.1	4.9	0.48
HW-083 (6032407)	0.4	1.37	13	<5	129	0.8	<1	2.34	0.8	79	12.8	28.7	37.1	1.93
HW-084 (6032408)	0.5	1.43	13	<5	136	0.8	<1	2.22	0.7	84	12.7	29.9	43.8	2.19
HW-085 (6032409)	<0.2	0.56	3	<5	31	<0.5	<1	0.19	<0.5	18	3.6	12.8	2.4	0.77
HW-086 (6032410)	<0.2	0.79	3	<5	39	<0.5	<1	0.30	<0.5	27	5.8	18.4	5.8	1.22
HW-087 (6032411)	<0.2	0.50	3	<5	38	<0.5	<1	0.14	<0.5	13	3.1	10.6	3.3	0.72
HW-088 (6032412)	<0.2	1.43	6	<5	59	0.5	1	0.27	<0.5	27	8.4	39.1	10.6	1.87
HW-089 (6032413)	<0.2	0.45	4	<5	32	<0.5	<1	0.22	<0.5	13	2.3	8.1	4.3	0.67
HW-090 (6032414)	<0.2	0.57	<1	<5	19	<0.5	<1	0.08	<0.5	17	2.1	10.0	5.9	0.80
HW-091 (6032415)	<0.2	0.56	<1	<5	18	<0.5	<1	0.05	<0.5	17	1.8	8.4	3.5	0.55
HW-092 (6032416)	<0.2	0.95	<1	<5	28	0.5	1	0.09	<0.5	16	4.9	25.8	3.9	1.58
HW-093 (6032417)	<0.2	1.14	4	<5	43	<0.5	<1	0.11	<0.5	18	4.5	21.8	6.8	1.69
HW-094 (6032418)	<0.2	0.68	3	<5	29	<0.5	<1	0.21	<0.5	25	4.6	14.7	3.0	0.93
HW-095 (6032419)	<0.2	0.60	5	<5	37	0.6	<1	0.24	<0.5	22	3.5	15.0	4.2	0.90
HW-096 (6032420)	1.0	2.01	17	<5	90	1.6	<1	2.78	<0.5	173	10.6	36.5	363	1.55

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AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
HW-097 (6032421)	0.3	0.92	11	<5	77	<0.5	<1	1.65	<0.5	36	7.4	22.8	78.3	1.27
HW-098 (6032422)	<0.2	1.11	2	<5	45	0.5	<1	0.41	<0.5	48	7.7	29.1	7.8	1.58
HW-099 (6032423)	<0.2	0.40	2	<5	25	<0.5	<1	0.13	<0.5	18	2.7	11.5	2.9	0.49
HW-100 (6032424)	0.2	1.01	10	<5	84	<0.5	<1	1.57	<0.5	27	7.8	41.4	65.2	1.37
HW-101 (6032425)	<0.2	0.97	5	<5	50	<0.5	<1	0.26	<0.5	25	8.2	25.4	39.4	1.40
HW-102 (6032426)	0.2	1.04	8	<5	49	0.6	<1	0.74	<0.5	52	6.5	29.2	120	1.33
HW-103 (6032427)	0.3	0.87	8	<5	82	<0.5	<1	1.78	<0.5	30	7.6	27.7	95.6	1.23
HW-104 (6032428)	0.5	0.49	7	6	77	<0.5	<1	4.98	<0.5	18	3.9	12.5	57.0	0.50
HW-105 (6032429)	0.4	0.68	14	7	78	<0.5	<1	4.54	0.5	27	4.6	15.7	174	0.60
HW-106 (6032430)	<0.2	1.00	5	<5	22	<0.5	<1	0.06	<0.5	18	4.8	19.4	13.1	2.21
HW-107 (6032431)	<0.2	0.60	6	<5	38	<0.5	<1	0.10	<0.5	9	2.5	19.4	41.1	0.71
HW-108 (6032432)	<0.2	0.32	2	<5	13	<0.5	<1	0.08	<0.5	18	1.6	6.4	32.5	0.26
HW-109 (6032433)	<0.2	0.82	4	<5	28	<0.5	<1	0.24	<0.5	25	12.0	48.7	84.6	1.12
HW-110 (6032434)	<0.2	0.41	3	<5	11	<0.5	<1	0.10	<0.5	18	2.4	13.8	9.7	0.44
HW-111 (6032435)	<0.2	0.61	<1	<5	20	<0.5	<1	0.19	<0.5	21	4.2	23.6	4.1	0.95
HW-112 (6032436)	<0.2	1.21	7	<5	41	0.6	<1	0.33	<0.5	32	8.4	29.6	6.8	1.60
HW-113 (6032437)	<0.2	1.65	5	<5	77	0.9	<1	0.90	<0.5	62	10.6	42.5	295	1.96
HW-114 (6032438)	<0.2	0.35	2	<5	19	<0.5	<1	0.22	<0.5	17	2.1	8.7	3.0	0.58
HW-115 (6032439)	<0.2	0.67	1	<5	23	<0.5	<1	0.09	<0.5	18	4.1	18.8	9.3	0.93
HW-116 (6032440)	0.6	1.33	16	10	78	0.9	<1	3.11	0.5	63	10.5	30.7	661	0.97
HW-117 (6032441)	<0.2	1.31	1	<5	59	0.6	<1	0.31	<0.5	29	8.3	30.6	6.6	1.65
HW-118 (6032442)	<0.2	0.20	2	<5	16	<0.5	<1	0.06	<0.5	14	1.1	4.9	3.6	0.21
HW-119 (6032443)	<0.2	0.38	1	<5	16	<0.5	<1	0.07	<0.5	15	1.2	9.4	5.3	0.43
HW-120 (6032444)	<0.2	0.71	5	<5	24	<0.5	<1	0.12	<0.5	20	3.8	14.5	4.2	0.85
HW-121 (6032445)	<0.2	0.73	6	<5	28	<0.5	<1	0.16	<0.5	22	4.6	23.1	7.8	1.02
HW-122 (6032446)	0.2	1.34	4	<5	49	0.9	<1	0.28	<0.5	83	7.1	28.4	617	1.39
HW-123 (6032447)	<0.2	0.32	5	<5	26	<0.5	<1	0.09	<0.5	17	1.8	8.4	24.4	0.34
HW-124 (6032449)	0.3	0.35	1	<5	22	<0.5	<1	0.07	<0.5	20	2.2	8.6	9.3	0.58
HW-125 (6032450)	<0.2	0.55	4	<5	31	<0.5	<1	0.05	<0.5	14	2.2	15.5	25.7	0.43
HW-126 (6032451)	<0.2	1.71	5	<5	37	0.5	<1	0.09	<0.5	25	6.2	27.5	17.8	1.66
HW-127 (6032452)	<0.2	1.34	5	<5	35	<0.5	1	0.09	<0.5	23	6.1	22.8	16.4	1.38
HW-128 (6032453)	<0.2	1.06	7	<5	25	<0.5	<1	0.06	<0.5	15	2.8	24.6	11.4	1.59

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AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID) RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
HW-129 (6032454)	<0.2	0.91	5	<5	73	<0.5	<1	0.08	<0.5	17	3.1	20.1	52.2	1.53
HW-130 (6032455)	<0.2	0.28	<1	<5	11	<0.5	<1	0.04	<0.5	16	1.2	4.5	2.5	0.30
HW-131 (6032456)	<0.2	0.44	2	<5	34	<0.5	<1	0.17	<0.5	16	4.0	20.0	27.1	0.77
HW-132 (6032457)	<0.2	0.69	<1	<5	30	<0.5	<1	0.09	<0.5	18	3.3	14.3	12.0	0.87
HW-133 (6032458)	<0.2	0.69	5	<5	25	<0.5	<1	0.18	<0.5	23	4.9	19.3	6.5	1.10
HW-134 (6032459)	<0.2	1.59	4	<5	52	0.7	<1	0.44	<0.5	32	11.5	54.2	79.9	2.14
HW-135 (6032460)	<0.2	0.64	<1	<5	29	<0.5	<1	0.12	<0.5	15	3.6	13.8	3.6	0.81
HW-136 (6032461)	<0.2	0.75	4	<5	43	<0.5	<1	0.12	<0.5	15	4.5	19.4	5.9	1.00
HW-137 (6032462)	<0.2	1.38	5	<5	44	0.5	<1	0.59	<0.5	35	12.6	72.0	25.7	2.07
HW-138 (6032463)	0.3	2.16	7	<5	133	0.8	<1	1.13	<0.5	72	10.4	41.3	21.8	2.30
HW-139 (6032464)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
HW-140 (6032465)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
HW-50A (6048092)	<0.2	1.09	7	<5	37	0.5	<1	0.25	<0.5	22	7.8	27.2	23.3	1.64

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AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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http://www.agatlabs.com

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AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
HW-001 (6032325)	7	2	4	0.03	8	13	0.22	63	1.7	<0.01	12.9	289	7.5	<10
HW-002 (6032326)	<5	<1	<1	0.04	11	15	0.26	72	0.6	<0.01	14.8	525	4.9	<10
HW-003 (6032327)	<5	2	<1	0.01	7	<1	0.02	16	<0.5	<0.01	1.0	99	5.6	<10
HW-004 (6032328)	7	<1	3	0.08	26	16	0.50	1390	3.8	<0.01	19.7	1270	11.9	23
HW-005 (6032329)	5	<1	<1	0.06	11	16	0.33	178	2.3	<0.01	15.3	578	6.9	20
HW-006 (6032330)	7	<1	2	0.03	9	3	0.09	32	1.4	<0.01	2.7	596	6.8	<10
HW-007 (6032331)	<5	2	<1	0.02	3	<1	0.02	16	6.0	<0.01	4.0	251	12.7	<10
HW-008 (6032332)	<5	<1	1	0.02	4	<1	0.04	21	4.6	<0.01	5.4	767	7.6	<10
HW-009 (6032333)	8	1	3	0.05	6	7	0.13	38	22.7	<0.01	4.7	419	6.3	<10
HW-010 (6032334)	<5	<1	2	0.03	9	7	0.11	42	4.3	<0.01	5.2	321	7.1	<10
HW-011 (6032335)	7	1	1	0.11	32	23	0.56	824	3.1	<0.01	23.4	706	10.5	28
HW-012 (6032336)	6	<1	2	0.09	22	16	0.45	565	3.3	<0.01	17.1	676	7.5	27
HW-013 (6032337)	<5	2	2	0.09	13	14	0.40	206	1.4	<0.01	15.6	590	4.6	22
HW-014 (6032338)	<5	<1	<1	0.10	18	11	2.63	281	4.9	0.01	11.1	704	5.4	19
HW-015 (6032339)	5	<1	<1	0.11	23	14	0.57	345	6.8	<0.01	19.1	935	6.9	29
HW-016 (6032340)	7	<1	<1	0.14	21	21	0.61	289	2.1	0.01	24.0	517	6.7	42
HW-017 (6032341)	6	<1	<1	0.09	19	16	0.49	182	3.9	0.01	23.8	370	5.6	29
HW-018 (6032342)	<5	<1	3	0.03	9	10	0.28	90	0.5	<0.01	9.9	282	4.5	10
HW-019 (6032343)	<5	<1	<1	0.03	8	10	0.22	90	0.8	<0.01	8.5	209	1.9	<10
HW-020 (6032344)	8	2	1	0.03	10	24	0.89	403	1.9	<0.01	35.2	357	4.8	<10
HW-021 (6032345)	6	2	<1	0.02	10	17	0.61	210	0.7	<0.01	22.1	307	3.0	<10
HW-022 (6032346)	<5	<1	3	0.03	11	13	0.28	78	1.0	<0.01	12.7	370	4.4	<10
HW-023 (6032347)	<5	1	<1	0.02	7	2	0.06	18	2.8	<0.01	4.5	186	6.1	<10
HW-024 (6032348)	6	<1	1	0.02	3	12	0.39	78	0.9	<0.01	14.0	239	3.4	<10
HW-025 (6032349)	7	1	<1	0.05	19	28	0.42	660	4.1	<0.01	30.7	675	8.5	21
HW-026 (6032350)	6	<1	1	0.03	10	13	0.36	175	2.3	<0.01	14.5	346	8.2	<10
HW-027 (6032351)	<5	<1	3	0.03	9	6	0.17	45	1.0	<0.01	5.7	192	4.9	<10
HW-028 (6032352)	8	2	2	0.02	5	7	0.27	46	2.5	<0.01	13.9	285	8.6	<10
HW-029 (6032353)	7	<1	<1	0.04	2	6	0.43	55	6.9	<0.01	9.6	156	7.2	<10
HW-030 (6032354)	<5	<1	2	0.05	9	11	0.26	165	1.5	<0.01	10.6	381	6.1	14
HW-031 (6032355)	6	<1	1	0.13	20	20	0.59	344	4.0	0.01	22.6	451	7.3	47
HW-032 (6032356)	<5	<1	3	0.11	15	16	0.48	235	3.1	0.01	17.9	408	9.1	28

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
HW-033 (6032357)	5	3	2	0.12	15	15	0.49	413	5.1	<0.01	17.9	564	8.1	30
HW-034 (6032358)	6	3	2	0.11	19	16	1.05	267	3.4	0.01	17.5	438	6.0	24
HW-035 (6032359)	6	<1	<1	0.09	27	15	0.46	325	5.3	<0.01	16.5	731	8.2	22
HW-036 (6032360)	<5	2	2	0.07	37	8	0.42	565	6.7	<0.01	14.9	1510	11.2	11
HW-037 (6032361)	<5	<1	<1	0.08	22	12	0.39	416	6.5	0.01	20.2	877	9.3	18
HW-038 (6032362)	<5	<1	<1	0.07	19	9	0.32	525	4.5	0.01	14.4	829	8.9	15
HW-039 (6032363)	<5	1	<1	0.05	11	9	0.68	162	3.3	0.01	10.0	487	6.3	<10
HW-040 (6032364)	8	<1	<1	0.15	28	24	0.69	283	1.9	0.02	28.9	482	6.1	31
HW-041 (6032365)	6	1	<1	0.09	15	17	0.50	203	2.4	0.01	18.0	299	4.0	25
HW-042 (6032366)	6	<1	2	0.08	15	16	0.47	210	1.3	0.01	17.2	317	6.9	26
HW-043 (6032367)	<5	<1	<1	0.02	4	2	0.29	51	11.5	<0.01	6.8	861	6.7	<10
HW-044 (6032368)	<5	<1	<1	0.03	3	1	0.27	45	27.9	<0.01	30.8	983	16.4	<10
HW-045 (6032369)	<5	2	<1	0.01	5	<1	0.28	58	13.7	<0.01	9.0	698	11.8	<10
HW-046 (6032370)	<5	<1	<1	0.02	4	2	0.29	61	12.1	<0.01	9.0	724	16.7	<10
HW-047 (6032371)	<5	<1	<1	0.08	15	13	1.32	230	3.5	0.01	13.1	403	6.7	13
HW-048 (6032372)	<5	<1	<1	0.07	14	13	0.35	197	2.5	<0.01	18.3	537	6.9	14
HW-049 (6032373)	<5	<1	3	0.02	3	1	0.13	27	<0.5	<0.01	8.1	190	7.6	<10
HW-050 (6032374)	<5	2	2	0.03	8	1	0.08	24	1.3	<0.01	8.9	397	18.7	<10
HW-051 (6032375)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
HW-052 (6032376)	<5	<1	<1	0.05	7	11	0.22	111	2.2	<0.01	10.0	521	6.8	25
HW-053 (6032377)	10	<1	3	0.05	8	18	0.77	506	5.2	<0.01	27.0	528	10.8	<10
HW-054 (6032378)	<5	<1	<1	0.04	10	8	0.23	476	1.9	<0.01	7.8	469	11.4	<10
HW-055 (6032379)	<5	1	<1	0.05	15	10	0.24	244	1.7	<0.01	11.7	512	6.3	14
HW-056 (6032380)	<5	1	<1	0.06	25	13	0.32	158	3.8	<0.01	13.6	526	8.2	16
HW-057 (6032381)	<5	<1	<1	0.06	35	16	0.34	176	4.4	<0.01	12.4	454	6.4	16
HW-058 (6032382)	<5	<1	<1	0.07	15	15	0.40	208	2.9	<0.01	14.9	583	7.4	20
HW-059 (6032383)	<5	1	<1	0.06	13	15	0.36	179	2.4	<0.01	11.5	539	6.9	18
HW-060 (6032384)	5	<1	<1	0.08	21	13	0.50	592	4.8	<0.01	13.7	1120	13.2	25
HW-061 (6032385)	5	<1	1	0.09	27	19	0.48	278	3.0	<0.01	19.0	587	6.3	23
HW-062 (6032386)	<5	<1	<1	0.03	8	7	0.10	30	<0.5	<0.01	5.1	200	4.8	<10
HW-063 (6032387)	<5	3	1	0.03	8	10	0.14	42	<0.5	<0.01	8.6	293	5.9	<10
HW-064 (6032388)	12	3	3	0.03	6	15	0.98	189	0.9	<0.01	34.8	2270	5.7	<10

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
HW-065 (6032389)	7	<1	5	0.03	5	8	0.18	66	4.2	<0.01	14.7	1100	7.1	<10
HW-066 (6032390)	15	2	1	0.03	6	11	1.14	234	3.7	<0.01	34.7	494	6.5	<10
HW-067 (6032391)	7	3	<1	0.05	5	10	0.32	123	2.3	<0.01	15.8	513	10.8	<10
HW-068 (6032392)	6	<1	<1	0.04	7	10	0.27	71	1.6	<0.01	12.0	244	6.8	13
HW-069 (6032393)	5	<1	2	0.04	10	9	0.30	71	1.3	<0.01	11.5	393	7.3	<10
HW-070 (6032394)	6	<1	<1	0.04	6	2	0.19	731	1.1	<0.01	9.0	733	10.6	14
HW-071 (6032395)	<5	<1	2	0.04	9	4	0.09	79	2.0	<0.01	4.3	331	5.0	<10
HW-072 (6032396)	<5	<1	<1	0.07	11	14	0.31	136	1.0	<0.01	15.2	748	5.1	16
HW-073 (6032397)	6	<1	1	0.06	15	17	0.43	217	1.8	<0.01	17.8	398	6.1	20
HW-074 (6032398)	<5	<1	2	0.04	9	7	0.16	67	1.3	<0.01	5.8	292	4.2	<10
HW-075 (6032399)	<5	<1	<1	0.06	8	11	0.23	71	1.6	<0.01	10.3	198	6.8	13
HW-076 (6032400)	<5	<1	1	0.05	13	10	0.22	617	1.6	<0.01	43.2	517	6.0	17
HW-077 (6032401)	<5	2	2	0.04	8	5	0.11	92	<0.5	<0.01	4.9	252	5.2	<10
HW-078 (6032402)	<5	<1	1	0.07	10	13	0.28	129	1.9	<0.01	13.1	715	5.9	15
HW-079 (6032403)	<5	<1	<1	0.06	9	12	0.26	178	0.6	<0.01	8.4	331	6.0	24
HW-080 (6032404)	<5	2	<1	0.05	14	11	0.29	363	1.4	<0.01	11.0	583	5.5	19
HW-081 (6032405)	8	<1	2	0.07	91	30	0.70	706	3.9	<0.01	35.7	1170	12.6	19
HW-082 (6032406)	<5	<1	2	0.02	6	1	0.07	67	2.3	<0.01	3.4	253	13.3	<10
HW-083 (6032407)	7	4	<1	0.07	47	10	0.51	1390	5.0	<0.01	21.3	1890	25.4	18
HW-084 (6032408)	8	1	<1	0.07	52	10	0.49	1640	3.9	<0.01	21.9	2020	22.5	17
HW-085 (6032409)	<5	<1	<1	0.03	9	8	0.20	120	1.1	<0.01	6.9	175	5.6	<10
HW-086 (6032410)	<5	<1	3	0.04	13	13	0.30	339	1.6	<0.01	11.0	324	8.1	12
HW-087 (6032411)	<5	<1	<1	0.04	7	6	0.11	129	0.8	<0.01	6.0	357	7.0	<10
HW-088 (6032412)	6	2	<1	0.07	12	17	0.44	169	1.2	<0.01	24.1	463	6.0	15
HW-089 (6032413)	<5	<1	3	0.04	7	3	0.07	70	2.2	<0.01	3.6	324	12.0	<10
HW-090 (6032414)	<5	2	1	0.03	9	5	0.09	31	2.1	<0.01	4.3	201	8.3	<10
HW-091 (6032415)	<5	<1	1	0.03	9	3	0.06	25	1.7	<0.01	2.8	169	4.4	<10
HW-092 (6032416)	10	3	2	0.03	8	10	0.20	48	14.6	<0.01	11.0	197	7.2	<10
HW-093 (6032417)	6	1	2	0.04	9	11	0.17	178	2.6	<0.01	10.0	413	7.2	12
HW-094 (6032418)	<5	2	<1	0.03	12	9	0.21	218	0.7	<0.01	7.4	147	7.1	10
HW-095 (6032419)	<5	<1	<1	0.04	11	9	0.18	181	2.6	<0.01	7.0	292	11.3	10
HW-096 (6032420)	6	<1	2	0.05	132	10	0.30	762	14.1	<0.01	22.5	2070	13.9	<10

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
HW-097 (6032421)	<5	<1	<1	0.06	26	12	0.44	1100	6.8	<0.01	20.1	1190	12.3	14
HW-098 (6032422)	<5	<1	<1	0.10	14	14	0.38	231	2.3	<0.01	19.9	569	5.9	19
HW-099 (6032423)	<5	2	<1	0.03	9	4	0.11	44	1.2	<0.01	6.3	160	12.7	<10
HW-100 (6032424)	6	<1	<1	0.06	22	12	0.40	491	4.7	<0.01	25.3	1200	12.5	12
HW-101 (6032425)	5	1	<1	0.08	13	15	0.33	324	2.5	<0.01	34.3	525	6.4	26
HW-102 (6032426)	<5	<1	2	0.06	51	12	0.36	394	3.0	<0.01	36.3	956	4.7	15
HW-103 (6032427)	<5	1	<1	0.06	24	9	0.40	707	3.0	<0.01	22.8	956	11.0	<10
HW-104 (6032428)	<5	<1	1	0.03	14	2	0.37	261	5.9	<0.01	14.1	1430	9.2	<10
HW-105 (6032429)	<5	<1	<1	0.03	25	4	0.37	381	7.3	<0.01	17.5	1650	7.9	<10
HW-106 (6032430)	9	<1	<1	0.03	9	7	0.15	46	3.8	<0.01	10.9	193	5.1	<10
HW-107 (6032431)	<5	<1	<1	0.02	5	1	0.07	41	12.1	<0.01	6.1	359	12.0	<10
HW-108 (6032432)	<5	<1	<1	0.02	9	4	0.06	27	3.3	<0.01	4.5	66	3.2	<10
HW-109 (6032433)	<5	<1	1	0.03	13	12	0.37	295	10.9	0.01	35.2	565	7.2	<10
HW-110 (6032434)	<5	<1	<1	0.03	9	4	0.12	36	1.4	<0.01	5.2	164	3.3	<10
HW-111 (6032435)	<5	1	<1	0.05	10	10	0.24	96	1.7	<0.01	10.9	218	3.4	16
HW-112 (6032436)	6	<1	3	0.09	14	17	0.47	195	2.5	0.02	17.8	202	4.3	25
HW-113 (6032437)	7	<1	<1	0.15	43	23	0.73	292	2.7	0.02	46.6	597	6.7	24
HW-114 (6032438)	<5	2	<1	0.03	9	5	0.09	32	0.5	<0.01	3.7	113	7.3	<10
HW-115 (6032439)	<5	1	<1	0.03	9	8	0.15	53	2.4	<0.01	7.9	229	5.7	<10
HW-116 (6032440)	<5	1	<1	0.06	78	7	0.34	912	13.2	<0.01	45.6	2410	9.3	<10
HW-117 (6032441)	7	<1	<1	0.10	13	19	0.49	239	2.5	0.01	19.3	219	5.3	28
HW-118 (6032442)	<5	<1	<1	0.03	7	<1	0.03	15	<0.5	<0.01	1.2	100	5.3	<10
HW-119 (6032443)	<5	2	3	0.02	8	1	0.04	28	1.5	<0.01	1.8	189	6.7	<10
HW-120 (6032444)	<5	1	2	0.03	10	9	0.16	59	<0.5	<0.01	7.8	235	2.9	<10
HW-121 (6032445)	<5	1	2	0.04	11	8	0.20	105	1.0	<0.01	10.3	439	5.6	<10
HW-122 (6032446)	<5	<1	<1	0.06	50	14	0.29	363	3.9	<0.01	25.4	383	2.3	12
HW-123 (6032447)	<5	<1	<1	0.03	9	2	0.06	35	2.6	<0.01	3.1	126	8.0	<10
HW-124 (6032449)	<5	<1	2	0.03	10	4	0.08	38	1.5	<0.01	3.2	300	3.7	<10
HW-125 (6032450)	<5	<1	2	0.02	8	1	0.04	21	0.7	<0.01	9.2	401	16.8	<10
HW-126 (6032451)	<5	<1	4	0.03	12	14	0.25	84	0.6	<0.01	16.1	326	2.6	<10
HW-127 (6032452)	<5	1	1	0.03	11	12	0.22	75	0.7	<0.01	12.8	310	4.2	<10
HW-128 (6032453)	5	<1	2	0.03	8	7	0.10	49	0.8	<0.01	6.0	653	6.6	<10

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
HW-129 (6032454)	7	1	<1	0.03	9	4	0.10	338	4.2	<0.01	5.1	1080	15.4	<10
HW-130 (6032455)	<5	<1	1	0.02	8	1	0.03	21	0.5	<0.01	1.2	147	4.5	<10
HW-131 (6032456)	<5	2	3	0.06	8	4	0.21	117	1.7	<0.01	10.0	334	5.4	21
HW-132 (6032457)	<5	<1	1	0.03	9	8	0.15	52	1.3	<0.01	8.9	152	3.7	<10
HW-133 (6032458)	<5	<1	2	0.03	12	9	0.25	91	0.9	<0.01	10.1	392	3.0	<10
HW-134 (6032459)	8	<1	3	0.05	16	20	0.83	215	2.4	<0.01	37.6	619	4.1	13
HW-135 (6032460)	<5	<1	<1	0.03	8	8	0.18	59	0.5	<0.01	7.7	153	4.4	10
HW-136 (6032461)	<5	2	<1	0.03	8	8	0.22	64	<0.5	<0.01	10.2	226	3.9	<10
HW-137 (6032462)	7	<1	2	0.05	16	21	0.94	234	1.2	<0.01	54.6	1230	2.9	15
HW-138 (6032463)	8	<1	<1	0.10	33	25	0.53	1080	2.7	<0.01	24.2	1010	7.1	31
HW-139 (6032464)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
HW-140 (6032465)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
HW-50A (6048092)	<5	1	<1	0.04	9	12	0.26	133	2.7	<0.01	20.5	280	12.2	11

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CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
HW-001 (6032325)	0.019	<1	1.4	<10	6	7.5	<10	<10	<5	0.09	<5	<5	51.6	<1
HW-002 (6032326)	0.034	<1	2.0	<10	<5	9.1	<10	<10	<5	0.06	<5	<5	30.3	<1
HW-003 (6032327)	<0.005	<1	<0.5	<10	<5	3.9	<10	<10	<5	0.03	<5	<5	6.0	<1
HW-004 (6032328)	0.130	<1	2.5	<10	<5	25.6	<10	<10	5	0.05	<5	<5	33.5	<1
HW-005 (6032329)	0.021	<1	1.5	<10	<5	12.8	<10	<10	<5	0.07	<5	<5	33.7	<1
HW-006 (6032330)	<0.005	<1	0.8	<10	<5	6.4	<10	<10	<5	0.09	<5	<5	20.4	<1
HW-007 (6032331)	0.021	<1	<0.5	<10	<5	6.4	<10	<10	<5	0.01	<5	<5	9.9	<1
HW-008 (6032332)	0.063	<1	<0.5	<10	<5	3.6	<10	<10	<5	<0.01	<5	<5	13.4	<1
HW-009 (6032333)	0.014	<1	0.6	<10	5	3.9	<10	<10	<5	0.06	<5	<5	34.9	<1
HW-010 (6032334)	0.015	<1	0.9	<10	<5	6.2	<10	<10	<5	0.06	6	<5	30.2	<1
HW-011 (6032335)	0.051	<1	3.4	<10	<5	21.7	<10	<10	5	0.06	<5	<5	39.8	<1
HW-012 (6032336)	0.021	<1	2.6	<10	5	14.8	<10	<10	6	0.07	<5	<5	33.9	<1
HW-013 (6032337)	0.011	<1	2.1	<10	5	15.1	<10	<10	5	0.08	<5	<5	31.1	<1
HW-014 (6032338)	0.079	2	2.3	<10	<5	29.8	<10	<10	10	0.05	5	<5	32.2	<1
HW-015 (6032339)	0.133	<1	2.8	<10	<5	29.4	<10	<10	6	0.05	<5	<5	32.6	<1
HW-016 (6032340)	0.028	<1	3.5	<10	<5	21.3	<10	<10	8	0.09	6	<5	41.6	<1
HW-017 (6032341)	0.020	<1	3.1	<10	6	15.2	<10	<10	8	0.08	<5	<5	35.9	<1
HW-018 (6032342)	0.011	<1	1.1	<10	<5	7.3	<10	<10	<5	0.07	<5	<5	23.0	<1
HW-019 (6032343)	<0.005	<1	1.1	<10	<5	7.9	<10	<10	<5	0.06	<5	<5	20.8	<1
HW-020 (6032344)	0.007	<1	1.7	<10	10	11.1	<10	<10	8	0.16	<5	<5	56.0	<1
HW-021 (6032345)	0.008	<1	1.8	16	7	8.9	<10	<10	7	0.13	5	<5	43.1	<1
HW-022 (6032346)	0.007	<1	1.5	<10	5	7.7	<10	<10	5	0.08	<5	<5	30.4	<1
HW-023 (6032347)	0.012	<1	<0.5	<10	<5	7.6	<10	<10	<5	0.02	<5	<5	9.9	<1
HW-024 (6032348)	0.007	<1	1.5	<10	6	5.5	<10	<10	<5	0.13	<5	<5	39.1	<1
HW-025 (6032349)	0.045	<1	2.2	<10	6	16.2	<10	<10	<5	0.07	<5	<5	34.7	<1
HW-026 (6032350)	0.029	<1	1.3	<10	<5	10.9	<10	<10	<5	0.08	<5	<5	27.9	<1
HW-027 (6032351)	0.008	<1	0.8	<10	<5	7.1	<10	<10	<5	0.07	<5	<5	17.7	<1
HW-028 (6032352)	0.014	<1	1.1	<10	6	6.3	<10	<10	<5	0.15	<5	<5	41.0	<1
HW-029 (6032353)	0.013	<1	1.4	<10	<5	6.1	<10	<10	<5	0.08	<5	<5	31.7	6
HW-030 (6032354)	0.016	<1	1.2	<10	<5	10.5	<10	<10	<5	0.06	<5	<5	23.7	<1
HW-031 (6032355)	0.042	<1	3.5	<10	6	22.4	<10	<10	7	0.09	<5	<5	39.3	<1
HW-032 (6032356)	0.036	<1	2.5	<10	<5	19.5	<10	<10	6	0.08	<5	<5	35.3	<1

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CANADA L4Z 1N9
TEL (905)501-9998
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AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
HW-033 (6032357)	0.072	<1	2.5	<10	<5	20.4	<10	<10	6	0.07	<5	<5	32.5	<1
HW-034 (6032358)	0.030	<1	3.2	<10	<5	20.9	<10	<10	8	0.08	<5	<5	38.3	<1
HW-035 (6032359)	0.104	1	3.1	<10	<5	27.2	<10	<10	5	0.05	<5	<5	30.7	<1
HW-036 (6032360)	0.220	<1	2.1	<10	<5	36.6	<10	<10	<5	0.03	<5	<5	23.7	<1
HW-037 (6032361)	0.113	<1	2.3	<10	<5	24.1	<10	<10	<5	0.05	<5	<5	27.9	<1
HW-038 (6032362)	0.084	<1	2.0	<10	<5	20.6	<10	<10	<5	0.04	<5	<5	23.6	<1
HW-039 (6032363)	0.038	<1	1.4	<10	<5	14.9	<10	<10	5	0.05	<5	<5	25.9	<1
HW-040 (6032364)	0.029	2	4.8	<10	10	22.0	<10	<10	10	0.11	<5	<5	45.9	<1
HW-041 (6032365)	0.017	<1	2.6	<10	<5	17.0	<10	<10	6	0.09	<5	<5	34.1	<1
HW-042 (6032366)	0.027	1	2.5	<10	<5	14.0	<10	<10	6	0.08	<5	<5	32.5	<1
HW-043 (6032367)	0.404	<1	1.0	<10	<5	38.7	<10	<10	<5	<0.01	<5	<5	9.1	<1
HW-044 (6032368)	0.550	<1	0.9	<10	<5	31.5	<10	<10	<5	<0.01	<5	<5	9.8	<1
HW-045 (6032369)	0.502	<1	0.9	<10	<5	43.4	<10	<10	<5	<0.01	<5	<5	9.4	<1
HW-046 (6032370)	0.394	<1	1.0	<10	<5	38.5	<10	<10	<5	0.01	<5	<5	12.3	<1
HW-047 (6032371)	0.062	3	2.6	<10	<5	30.3	<10	<10	8	0.06	<5	<5	32.3	<1
HW-048 (6032372)	0.020	<1	1.8	<10	<5	15.2	<10	<10	5	0.07	<5	<5	31.7	<1
HW-049 (6032373)	0.010	<1	0.6	<10	<5	4.9	<10	<10	<5	0.03	<5	<5	10.3	<1
HW-050 (6032374)	0.035	<1	0.8	<10	<5	11.1	<10	<10	<5	0.04	<5	<5	16.4	<1
HW-051 (6032375)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
HW-052 (6032376)	0.012	<1	1.1	<10	<5	10.8	<10	<10	<5	0.08	<5	<5	35.5	<1
HW-053 (6032377)	0.028	<1	1.3	<10	10	15.1	<10	<10	<5	0.16	<5	<5	55.8	<1
HW-054 (6032378)	0.031	<1	0.8	<10	<5	11.5	<10	<10	<5	0.05	<5	<5	23.0	<1
HW-055 (6032379)	0.018	<1	1.5	<10	<5	9.9	<10	<10	5	0.05	6	<5	26.6	<1
HW-056 (6032380)	0.036	<1	2.4	<10	5	13.9	<10	<10	6	0.07	6	<5	31.8	<1
HW-057 (6032381)	0.044	<1	2.6	<10	<5	15.7	<10	<10	<5	0.06	<5	<5	30.5	<1
HW-058 (6032382)	0.042	<1	2.0	<10	<5	14.8	<10	<10	<5	0.06	<5	<5	28.1	<1
HW-059 (6032383)	0.041	<1	1.9	<10	<5	15.2	<10	<10	<5	0.06	<5	<5	31.2	<1
HW-060 (6032384)	0.130	<1	2.0	<10	<5	25.8	<10	<10	5	0.04	<5	<5	28.3	<1
HW-061 (6032385)	0.033	<1	3.4	<10	<5	16.2	<10	<10	6	0.07	<5	<5	32.8	<1
HW-062 (6032386)	0.007	<1	0.8	<10	<5	4.9	<10	<10	<5	0.05	<5	<5	20.4	<1
HW-063 (6032387)	0.013	<1	1.0	<10	<5	6.6	<10	<10	<5	0.05	<5	<5	29.2	<1
HW-064 (6032388)	0.017	<1	2.4	<10	13	12.9	<10	<10	7	0.26	8	<5	99.1	<1

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AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
HW-065 (6032389)	0.017	<1	1.0	<10	5	6.8	<10	<10	<5	0.08	<5	<5	50.0	<1
HW-066 (6032390)	0.005	<1	3.8	<10	15	9.7	<10	<10	8	0.31	<5	<5	80.6	<1
HW-067 (6032391)	0.016	<1	1.2	<10	5	8.6	<10	<10	<5	0.12	<5	<5	36.6	<1
HW-068 (6032392)	0.010	<1	1.2	<10	6	9.8	<10	<10	<5	0.10	<5	<5	40.5	<1
HW-069 (6032393)	0.006	<1	0.9	<10	5	8.8	<10	<10	<5	0.09	5	<5	30.2	<1
HW-070 (6032394)	0.021	1	1.2	<10	9	7.9	<10	<10	<5	0.12	<5	<5	28.6	<1
HW-071 (6032395)	0.010	<1	0.7	<10	<5	6.6	<10	<10	<5	0.04	<5	<5	15.8	<1
HW-072 (6032396)	0.009	<1	1.7	<10	<5	12.1	<10	<10	<5	0.07	<5	<5	33.8	<1
HW-073 (6032397)	0.019	<1	2.2	<10	<5	10.2	<10	<10	5	0.07	<5	<5	34.5	<1
HW-074 (6032398)	0.005	<1	1.0	<10	<5	8.3	<10	<10	<5	0.06	<5	<5	16.7	<1
HW-075 (6032399)	0.006	<1	1.6	<10	<5	9.7	<10	<10	<5	0.06	<5	<5	28.6	<1
HW-076 (6032400)	0.031	1	1.9	<10	<5	10.7	<10	<10	<5	0.03	<5	<5	17.9	<1
HW-077 (6032401)	<0.005	<1	0.7	<10	<5	7.0	<10	<10	<5	0.05	<5	<5	18.6	<1
HW-078 (6032402)	0.011	<1	1.5	<10	5	10.3	<10	<10	<5	0.06	<5	<5	26.8	<1
HW-079 (6032403)	0.007	<1	1.1	<10	<5	7.0	<10	<10	<5	0.06	<5	<5	22.3	<1
HW-080 (6032404)	0.019	<1	1.1	<10	<5	11.8	<10	<10	<5	0.05	<5	<5	22.9	<1
HW-081 (6032405)	0.098	2	5.6	<10	7	24.8	<10	<10	6	0.11	<5	<5	55.9	<1
HW-082 (6032406)	0.019	<1	0.8	<10	<5	7.4	<10	<10	<5	0.05	<5	<5	18.0	<1
HW-083 (6032407)	0.183	4	2.0	<10	6	37.4	<10	<10	<5	0.04	<5	<5	36.2	<1
HW-084 (6032408)	0.168	<1	2.2	13	<5	34.9	<10	<10	<5	0.04	<5	<5	42.0	<1
HW-085 (6032409)	0.009	<1	1.0	<10	<5	8.3	<10	<10	<5	0.05	<5	<5	18.3	<1
HW-086 (6032410)	0.022	<1	1.4	<10	<5	9.6	<10	<10	<5	0.06	<5	<5	26.0	<1
HW-087 (6032411)	0.013	<1	0.7	<10	<5	5.4	<10	<10	<5	0.04	<5	<5	16.9	<1
HW-088 (6032412)	0.018	3	1.8	<10	5	11.1	<10	<10	<5	0.10	<5	<5	38.8	<1
HW-089 (6032413)	0.028	<1	0.5	<10	<5	8.9	<10	<10	<5	0.04	<5	<5	19.6	<1
HW-090 (6032414)	0.014	<1	<0.5	<10	<5	5.6	<10	<10	<5	0.05	<5	<5	21.3	<1
HW-091 (6032415)	0.006	2	0.6	<10	<5	5.7	<10	<10	<5	0.05	<5	<5	20.0	<1
HW-092 (6032416)	0.010	<1	1.1	<10	8	9.3	<10	<10	<5	0.19	<5	<5	61.2	<1
HW-093 (6032417)	0.014	<1	1.1	<10	6	10.2	<10	<10	<5	0.08	<5	<5	37.4	<1
HW-094 (6032418)	0.007	3	1.0	<10	<5	9.9	<10	<10	<5	0.06	<5	<5	22.6	<1
HW-095 (6032419)	0.014	<1	0.9	<10	<5	11.3	<10	<10	<5	0.06	<5	<5	25.0	<1
HW-096 (6032420)	0.223	1	6.5	<10	<5	41.9	<10	<10	6	0.03	<5	<5	29.6	<1

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
HW-097 (6032421)	0.124	<1	2.1	<10	<5	21.7	<10	<10	<5	0.05	<5	<5	28.0	<1
HW-098 (6032422)	0.012	<1	2.1	<10	<5	14.1	<10	<10	6	0.08	<5	<5	33.6	<1
HW-099 (6032423)	0.010	<1	0.6	<10	<5	7.6	<10	<10	<5	0.05	<5	<5	16.6	<1
HW-100 (6032424)	0.135	<1	1.5	<10	<5	27.5	<10	<10	<5	0.05	<5	<5	31.4	<1
HW-101 (6032425)	0.011	<1	1.6	<10	<5	14.2	<10	<10	<5	0.07	<5	<5	29.7	<1
HW-102 (6032426)	0.048	<1	2.6	<10	<5	18.5	<10	<10	<5	0.04	<5	<5	26.9	<1
HW-103 (6032427)	0.094	2	2.6	<10	<5	28.8	<10	<10	<5	0.04	<5	<5	26.7	<1
HW-104 (6032428)	0.330	1	2.1	<10	<5	52.9	<10	<10	<5	0.01	<5	<5	14.2	<1
HW-105 (6032429)	0.315	1	2.1	<10	<5	49.4	<10	<10	<5	0.01	<5	<5	15.4	<1
HW-106 (6032430)	0.018	<1	0.9	<10	7	8.3	<10	<10	<5	0.11	<5	<5	62.0	<1
HW-107 (6032431)	0.026	<1	<0.5	<10	<5	6.3	<10	<10	<5	0.02	<5	<5	18.4	<1
HW-108 (6032432)	<0.005	<1	<0.5	<10	<5	6.4	<10	<10	<5	0.04	<5	<5	10.2	<1
HW-109 (6032433)	0.019	<1	1.3	<10	<5	11.4	<10	<10	<5	0.07	<5	<5	28.3	<1
HW-110 (6032434)	0.007	<1	0.7	<10	<5	7.1	<10	<10	<5	0.05	<5	<5	13.2	<1
HW-111 (6032435)	0.007	1	1.1	<10	<5	9.6	<10	<10	<5	0.06	6	<5	22.8	<1
HW-112 (6032436)	0.007	2	2.5	<10	6	14.9	<10	<10	5	0.10	<5	<5	36.9	<1
HW-113 (6032437)	0.044	<1	5.5	11	8	20.0	<10	<10	8	0.09	<5	<5	39.0	<1
HW-114 (6032438)	0.011	<1	0.7	<10	<5	7.0	<10	<10	<5	0.05	<5	<5	21.1	<1
HW-115 (6032439)	0.014	2	0.6	<10	<5	7.7	<10	<10	<5	0.06	<5	<5	22.5	<1
HW-116 (6032440)	0.276	3	3.8	<10	<5	50.1	<10	<10	<5	0.02	<5	<5	24.4	<1
HW-117 (6032441)	0.008	<1	2.7	<10	7	17.7	<10	<10	6	0.11	<5	<5	37.2	<1
HW-118 (6032442)	<0.005	<1	<0.5	<10	<5	6.2	<10	<10	<5	0.03	<5	<5	8.3	<1
HW-119 (6032443)	0.011	<1	<0.5	<10	<5	5.9	<10	<10	<5	0.04	<5	<5	17.3	<1
HW-120 (6032444)	<0.005	<1	0.9	<10	<5	6.3	<10	<10	<5	0.05	<5	<5	21.6	<1
HW-121 (6032445)	0.011	<1	0.9	<10	<5	8.4	<10	<10	<5	0.06	<5	<5	26.7	<1
HW-122 (6032446)	0.011	<1	5.2	<10	<5	13.2	<10	<10	5	0.06	<5	<5	27.9	<1
HW-123 (6032447)	<0.005	<1	0.6	<10	<5	8.8	<10	<10	<5	0.03	<5	<5	10.2	<1
HW-124 (6032449)	<0.005	<1	0.6	<10	<5	6.7	<10	<10	<5	0.05	<5	<5	16.0	<1
HW-125 (6032450)	0.031	<1	<0.5	<10	<5	5.9	<10	<10	<5	0.02	<5	<5	14.0	<1
HW-126 (6032451)	0.016	<1	2.3	<10	6	9.6	<10	<10	7	0.07	<5	<5	34.0	<1
HW-127 (6032452)	0.015	<1	1.8	<10	<5	7.6	<10	<10	5	0.07	<5	<5	29.8	<1
HW-128 (6032453)	0.024	<1	0.9	<10	<5	6.4	<10	<10	<5	0.05	7	<5	35.5	<1

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AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
HW-129 (6032454)	0.019	<1	1.0	<10	<5	7.1	<10	<10	<5	0.06	<5	<5	31.6	<1
HW-130 (6032455)	<0.005	<1	<0.5	<10	<5	4.3	<10	<10	<5	0.04	<5	<5	9.6	<1
HW-131 (6032456)	0.007	<1	0.8	<10	<5	10.7	<10	<10	<5	0.08	<5	<5	21.9	<1
HW-132 (6032457)	0.006	<1	0.7	<10	<5	6.0	<10	<10	<5	0.05	<5	<5	21.6	<1
HW-133 (6032458)	<0.005	<1	1.4	<10	5	7.2	<10	<10	<5	0.06	<5	<5	24.8	<1
HW-134 (6032459)	0.019	<1	3.0	<10	8	16.1	<10	<10	7	0.13	<5	<5	44.5	<1
HW-135 (6032460)	0.007	<1	0.8	<10	<5	8.5	<10	<10	<5	0.05	<5	<5	20.5	<1
HW-136 (6032461)	0.008	<1	0.9	<10	6	8.3	<10	<10	<5	0.07	<5	<5	26.7	<1
HW-137 (6032462)	0.017	<1	2.1	<10	8	17.5	<10	<10	6	0.15	<5	<5	44.9	<1
HW-138 (6032463)	0.080	1	3.9	<10	<5	23.1	<10	<10	6	0.06	<5	<5	42.7	<1
HW-139 (6032464)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
HW-140 (6032465)	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC	NRC
HW-50A (6048092)	0.015	1	1.3	<10	<5	11.5	<10	<10	<5	0.07	6	<5	33.0	<1

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AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.5	5
HW-001 (6032325)	2	20.8	<5
HW-002 (6032326)	4	20.5	<5
HW-003 (6032327)	1	3.4	<5
HW-004 (6032328)	12	35.7	<5
HW-005 (6032329)	4	30.2	<5
HW-006 (6032330)	2	11.8	<5
HW-007 (6032331)	<1	11.4	<5
HW-008 (6032332)	1	18.1	<5
HW-009 (6032333)	2	14.0	<5
HW-010 (6032334)	2	12.1	<5
HW-011 (6032335)	15	43.0	<5
HW-012 (6032336)	9	37.3	<5
HW-013 (6032337)	5	22.2	<5
HW-014 (6032338)	9	18.6	<5
HW-015 (6032339)	10	38.0	<5
HW-016 (6032340)	9	39.0	<5
HW-017 (6032341)	8	27.4	<5
HW-018 (6032342)	3	22.1	<5
HW-019 (6032343)	3	14.6	<5
HW-020 (6032344)	3	53.7	<5
HW-021 (6032345)	3	37.7	<5
HW-022 (6032346)	3	20.5	<5
HW-023 (6032347)	2	8.4	<5
HW-024 (6032348)	1	48.2	<5
HW-025 (6032349)	6	35.4	<5
HW-026 (6032350)	3	36.4	<5
HW-027 (6032351)	2	9.4	<5
HW-028 (6032352)	2	16.4	<5
HW-029 (6032353)	<1	11.2	<5
HW-030 (6032354)	3	17.8	<5
HW-031 (6032355)	9	40.9	<5
HW-032 (6032356)	7	32.9	<5

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DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.5	5
HW-033 (6032357)	7	36.1	<5
HW-034 (6032358)	9	29.2	<5
HW-035 (6032359)	12	28.8	<5
HW-036 (6032360)	17	19.6	<5
HW-037 (6032361)	10	32.1	<5
HW-038 (6032362)	8	26.1	<5
HW-039 (6032363)	5	24.4	<5
HW-040 (6032364)	14	42.6	<5
HW-041 (6032365)	6	30.5	<5
HW-042 (6032366)	6	34.5	<5
HW-043 (6032367)	2	14.5	<5
HW-044 (6032368)	2	15.0	<5
HW-045 (6032369)	4	24.2	<5
HW-046 (6032370)	2	20.9	<5
HW-047 (6032371)	7	21.5	<5
HW-048 (6032372)	5	25.3	<5
HW-049 (6032373)	<1	10.0	<5
HW-050 (6032374)	2	12.5	<5
HW-051 (6032375)	NRC	NRC	NRC
HW-052 (6032376)	2	24.5	<5
HW-053 (6032377)	3	47.9	<5
HW-054 (6032378)	3	24.5	<5
HW-055 (6032379)	6	16.2	<5
HW-056 (6032380)	9	20.6	<5
HW-057 (6032381)	12	19.6	<5
HW-058 (6032382)	5	22.0	<5
HW-059 (6032383)	5	22.1	<5
HW-060 (6032384)	9	32.7	<5
HW-061 (6032385)	13	30.0	<5
HW-062 (6032386)	2	8.7	<5
HW-063 (6032387)	2	9.5	<5
HW-064 (6032388)	3	55.9	<5

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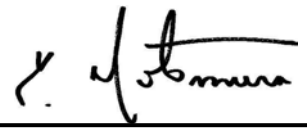

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PROJECT:

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ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.5	5
HW-065 (6032389)	1	23.8	<5
HW-066 (6032390)	4	53.2	8
HW-067 (6032391)	3	20.7	<5
HW-068 (6032392)	2	21.8	<5
HW-069 (6032393)	3	19.8	<5
HW-070 (6032394)	2	29.1	<5
HW-071 (6032395)	2	11.2	<5
HW-072 (6032396)	4	23.2	<5
HW-073 (6032397)	5	30.0	<5
HW-074 (6032398)	2	11.6	<5
HW-075 (6032399)	2	14.3	<5
HW-076 (6032400)	5	34.7	<5
HW-077 (6032401)	2	10.4	<5
HW-078 (6032402)	3	16.2	<5
HW-079 (6032403)	2	22.5	<5
HW-080 (6032404)	4	22.8	<5
HW-081 (6032405)	40	61.7	<5
HW-082 (6032406)	2	13.5	<5
HW-083 (6032407)	18	41.9	<5
HW-084 (6032408)	20	43.5	<5
HW-085 (6032409)	3	14.1	<5
HW-086 (6032410)	4	23.3	<5
HW-087 (6032411)	2	13.3	<5
HW-088 (6032412)	3	24.6	<5
HW-089 (6032413)	1	9.9	<5
HW-090 (6032414)	2	8.1	<5
HW-091 (6032415)	2	7.5	<5
HW-092 (6032416)	2	14.2	<5
HW-093 (6032417)	2	19.2	<5
HW-094 (6032418)	3	13.9	<5
HW-095 (6032419)	2	26.1	<5
HW-096 (6032420)	65	27.3	7

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ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.5	5
HW-097 (6032421)	12	28.3	<5
HW-098 (6032422)	5	21.3	<5
HW-099 (6032423)	2	9.1	<5
HW-100 (6032424)	9	47.6	<5
HW-101 (6032425)	4	37.8	<5
HW-102 (6032426)	23	25.9	<5
HW-103 (6032427)	12	32.6	<5
HW-104 (6032428)	9	14.4	6
HW-105 (6032429)	13	18.5	<5
HW-106 (6032430)	2	15.5	<5
HW-107 (6032431)	2	16.7	<5
HW-108 (6032432)	2	7.3	<5
HW-109 (6032433)	4	16.6	<5
HW-110 (6032434)	2	10.5	<5
HW-111 (6032435)	3	17.9	<5
HW-112 (6032436)	5	34.2	<5
HW-113 (6032437)	19	46.0	5
HW-114 (6032438)	2	7.0	<5
HW-115 (6032439)	2	21.7	<5
HW-116 (6032440)	35	27.3	6
HW-117 (6032441)	5	32.1	<5
HW-118 (6032442)	1	5.0	<5
HW-119 (6032443)	1	9.9	<5
HW-120 (6032444)	3	10.3	<5
HW-121 (6032445)	3	14.6	<5
HW-122 (6032446)	19	22.9	<5
HW-123 (6032447)	2	9.7	<5
HW-124 (6032449)	2	8.7	<5
HW-125 (6032450)	2	5.2	<5
HW-126 (6032451)	3	23.4	<5
HW-127 (6032452)	3	18.6	<5
HW-128 (6032453)	2	12.3	<5

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AGAT WORK ORDER: 14U911282
PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr
Unit:	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	1	0.5	5
HW-129 (6032454)	2	62.0	<5
HW-130 (6032455)	1	5.9	<5
HW-131 (6032456)	2	13.0	<5
HW-132 (6032457)	2	10.0	<5
HW-133 (6032458)	4	12.4	<5
HW-134 (6032459)	7	29.0	<5
HW-135 (6032460)	2	11.0	<5
HW-136 (6032461)	2	14.2	<5
HW-137 (6032462)	4	32.2	<5
HW-138 (6032463)	14	40.9	<5
HW-139 (6032464)	NRC	NRC	NRC
HW-140 (6032465)	NRC	NRC	NRC
HW-50A (6048092)	3	29.9	<5

Comments: RDL - Reported Detection Limit
NRC - Not Received

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AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
HW-001 (6032325)	0.67	0.055
HW-002 (6032326)	0.71	0.015
HW-003 (6032327)	0.65	0.003
HW-004 (6032328)	0.46	0.018
HW-005 (6032329)	0.72	0.007
HW-006 (6032330)	0.51	0.004
HW-007 (6032331)	0.24	0.008
HW-008 (6032332)	0.45	0.006
HW-009 (6032333)	0.39	0.003
HW-010 (6032334)	0.47	0.001
HW-011 (6032335)	0.55	<0.001
HW-012 (6032336)	0.66	<0.001
HW-013 (6032337)	0.69	<0.001
HW-014 (6032338)	0.64	<0.001
HW-015 (6032339)	0.51	0.011
HW-016 (6032340)	0.72	0.003
HW-017 (6032341)	0.51	0.002
HW-018 (6032342)	0.51	0.002
HW-019 (6032343)	0.68	0.366
HW-020 (6032344)	0.51	0.003
HW-021 (6032345)	0.65	<0.001
HW-022 (6032346)	0.71	<0.001
HW-023 (6032347)	0.42	0.002
HW-024 (6032348)	0.75	0.002
HW-025 (6032349)	0.48	0.001
HW-026 (6032350)	0.42	0.002
HW-027 (6032351)	0.62	0.001
HW-028 (6032352)	0.45	0.004
HW-029 (6032353)	0.55	0.039
HW-030 (6032354)	0.65	<0.001
HW-031 (6032355)	0.56	0.003

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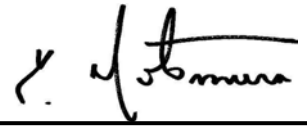

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AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
HW-032 (6032356)	0.52	0.003
HW-033 (6032357)	0.32	0.003
HW-034 (6032358)	0.66	0.002
HW-035 (6032359)	0.58	0.008
HW-036 (6032360)	0.46	0.006
HW-037 (6032361)	0.36	0.003
HW-038 (6032362)	0.54	0.004
HW-039 (6032363)	0.35	0.002
HW-040 (6032364)	0.71	0.002
HW-041 (6032365)	0.51	0.001
HW-042 (6032366)	0.71	<0.001
HW-043 (6032367)	0.41	0.012
HW-044 (6032368)	0.37	0.016
HW-045 (6032369)	0.37	0.011
HW-046 (6032370)	0.41	0.014
HW-047 (6032371)	0.66	0.002
HW-048 (6032372)	0.41	0.002
HW-049 (6032373)	0.26	0.003
HW-050 (6032374)	0.31	0.004
HW-051 (6032375)	NRC	NRC
HW-052 (6032376)	0.46	0.002
HW-053 (6032377)	0.35	0.104
HW-054 (6032378)	0.39	0.019
HW-055 (6032379)	0.58	0.002
HW-056 (6032380)	0.44	0.005
HW-057 (6032381)	0.49	0.003
HW-058 (6032382)	0.53	0.005
HW-059 (6032383)	0.57	<0.001
HW-060 (6032384)	0.32	0.010
HW-061 (6032385)	0.61	0.003
HW-062 (6032386)	0.61	<0.001

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CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
HW-063 (6032387)	0.38	<0.001
HW-064 (6032388)	0.33	0.001
HW-065 (6032389)	0.29	0.001
HW-066 (6032390)	0.44	<0.001
HW-067 (6032391)	0.49	0.002
HW-068 (6032392)	0.53	0.002
HW-069 (6032393)	0.45	0.001
HW-070 (6032394)	0.47	<0.001
HW-071 (6032395)	0.41	<0.001
HW-072 (6032396)	0.46	0.001
HW-073 (6032397)	0.62	0.002
HW-074 (6032398)	0.45	0.002
HW-075 (6032399)	0.57	0.001
HW-076 (6032400)	0.35	0.003
HW-077 (6032401)	0.41	0.001
HW-078 (6032402)	0.38	0.001
HW-079 (6032403)	0.58	0.001
HW-080 (6032404)	0.52	0.002
HW-081 (6032405)	0.45	0.005
HW-082 (6032406)	0.25	0.003
HW-083 (6032407)	0.24	0.037
HW-084 (6032408)	0.33	0.006
HW-085 (6032409)	0.56	0.001
HW-086 (6032410)	0.42	0.001
HW-087 (6032411)	0.35	0.001
HW-088 (6032412)	0.52	<0.001
HW-089 (6032413)	0.27	0.002
HW-090 (6032414)	0.41	0.001
HW-091 (6032415)	0.47	0.001
HW-092 (6032416)	0.42	0.003
HW-093 (6032417)	0.54	0.002

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AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

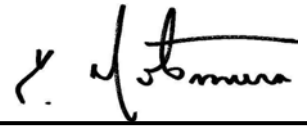
ATTENTION TO: ALAN SMITH

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
HW-094 (6032418)	0.45	0.001
HW-095 (6032419)	0.38	0.004
HW-096 (6032420)	0.35	0.017
HW-097 (6032421)	0.43	0.005
HW-098 (6032422)	0.59	0.002
HW-099 (6032423)	0.44	0.002
HW-100 (6032424)	0.28	0.005
HW-101 (6032425)	0.45	0.002
HW-102 (6032426)	0.42	0.005
HW-103 (6032427)	0.32	0.004
HW-104 (6032428)	0.31	0.016
HW-105 (6032429)	0.39	0.007
HW-106 (6032430)	0.46	0.002
HW-107 (6032431)	0.24	0.003
HW-108 (6032432)	0.51	0.008
HW-109 (6032433)	0.62	0.004
HW-110 (6032434)	0.57	0.005
HW-111 (6032435)	0.51	0.003
HW-112 (6032436)	0.56	0.004
HW-113 (6032437)	0.46	0.004
HW-114 (6032438)	0.57	0.002
HW-115 (6032439)	0.54	0.001
HW-116 (6032440)	0.39	0.017
HW-117 (6032441)	0.51	0.002
HW-118 (6032442)	0.49	0.003
HW-119 (6032443)	0.55	0.003
HW-120 (6032444)	0.77	0.002
HW-121 (6032445)	0.66	0.005
HW-122 (6032446)	0.58	0.004
HW-123 (6032447)	0.48	0.003
HW-124 (6032449)	0.38	0.006

Certified By:



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CANADA L4Z 1N9
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Certificate of Analysis

AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

DATE SAMPLED: Nov 04, 2014 | DATE RECEIVED: Nov 04, 2014 | DATE REPORTED: Nov 12, 2014 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID) RDL:	0.01	0.001
HW-125 (6032450)	0.43	0.005
HW-126 (6032451)	0.42	0.004
HW-127 (6032452)	0.55	0.002
HW-128 (6032453)	0.43	0.002
HW-129 (6032454)	0.41	0.003
HW-130 (6032455)	0.58	0.012
HW-131 (6032456)	0.51	0.003
HW-132 (6032457)	0.58	0.042
HW-133 (6032458)	0.57	0.005
HW-134 (6032459)	0.59	0.003
HW-135 (6032460)	0.66	0.001
HW-136 (6032461)	0.73	0.006
HW-137 (6032462)	1.04	0.002
HW-138 (6032463)	0.52	0.004
HW-139 (6032464)	NRC	NRC
HW-140 (6032465)	NRC	NRC
HW-50A (6048092)	0.65	0.003

Comments: RDL - Reported Detection Limit
NRC - Not Received

Certified By:

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CANADA L4Z 1N9
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FAX (905)501-0589
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Quality Assurance - Replicate

AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Ag	6032344	< 0.2	< 0.2	0.0%	6032364	< 0.2	< 0.2	0.0%	6032384	0.23	0.28	19.6%	6032403	< 0.2	< 0.2	0.0%
Al	6032344	1.51	1.54	2.0%	6032364	1.88	1.90	1.1%	6032384	0.923	0.959	3.8%	6032403	0.61	0.63	3.2%
As	6032344	6	< 1		6032364	8	8	0.0%	6032384	3	7		6032403	4	4	0.0%
B	6032344	< 5	< 5	0.0%	6032364	< 5	< 5	0.0%	6032384	< 5	< 5	0.0%	6032403	< 5	< 5	0.0%
Ba	6032344	39	41	5.0%	6032364	79	78	1.3%	6032384	100	103	3.0%	6032403	39	41	5.0%
Be	6032344	0.6	0.6	0.0%	6032364	1.1	1.1	0.0%	6032384	< 0.5	< 0.5	0.0%	6032403	< 0.5	< 0.5	0.0%
Bi	6032344	< 1	< 1	0.0%	6032364	< 1	< 1	0.0%	6032384	< 1	< 1	0.0%	6032403	< 1	< 1	0.0%
Ca	6032344	0.250	0.259	3.5%	6032364	0.733	0.738	0.7%	6032384	2.34	2.37	1.3%	6032403	0.18	0.18	0.0%
Cd	6032344	< 0.5	< 0.5	0.0%	6032364	< 0.5	< 0.5	0.0%	6032384	< 0.5	0.5		6032403	< 0.5	< 0.5	0.0%
Ce	6032344	20	19	5.1%	6032364	55	55	0.0%	6032384	31	30	3.3%	6032403	16	17	6.1%
Co	6032344	16.9	17.3	2.3%	6032364	10.0	10.4	3.9%	6032384	6.9	6.8	1.5%	6032403	5.2	4.8	8.0%
Cr	6032344	91.8	93.7	2.0%	6032364	41.7	41.8	0.2%	6032384	24.5	24.4	0.4%	6032403	18.2	18.8	3.2%
Cu	6032344	14.8	14.9	0.7%	6032364	11.4	11.4	0.0%	6032384	19.3	19.4	0.5%	6032403	4.3	4.3	0.0%
Fe	6032344	2.30	2.36	2.6%	6032364	2.31	2.33	0.9%	6032384	1.29	1.34	3.8%	6032403	0.97	1.01	4.0%
Ga	6032344	8	8	0.0%	6032364	8	8	0.0%	6032384	5	5	0.0%	6032403	< 5	< 5	0.0%
Hg	6032344	2	2	0.0%	6032364	< 1	< 1	0.0%	6032384	< 1	2		6032403	< 1	< 1	0.0%
In	6032344	1	1	0.0%	6032364	< 1	2		6032384	< 1	< 1	0.0%	6032403	< 1	2	
K	6032344	0.03	0.03	0.0%	6032364	0.15	0.15	0.0%	6032384	0.08	0.08	0.0%	6032403	0.06	0.06	0.0%
La	6032344	10	9	10.5%	6032364	28	28	0.0%	6032384	21	20	4.9%	6032403	9	10	10.5%
Li	6032344	24	24	0.0%	6032364	24	24	0.0%	6032384	13	14	7.4%	6032403	12	12	0.0%
Mg	6032344	0.89	0.93	4.4%	6032364	0.69	0.69	0.0%	6032384	0.50	0.51	2.0%	6032403	0.26	0.27	3.8%
Mn	6032344	403	405	0.5%	6032364	283	278	1.8%	6032384	592	584	1.4%	6032403	178	178	0.0%
Mo	6032344	1.9	2.7		6032364	1.9	1.1		6032384	4.8	5.3	9.9%	6032403	0.6	1.2	
Na	6032344	< 0.01	< 0.01	0.0%	6032364	0.02	0.02	0.0%	6032384	< 0.01	< 0.01	0.0%	6032403	< 0.01	< 0.01	0.0%
Ni	6032344	35.2	36.4	3.4%	6032364	28.9	28.8	0.3%	6032384	13.7	13.7	0.0%	6032403	8.4	8.7	3.5%
P	6032344	357	397	10.6%	6032364	482	491	1.8%	6032384	1120	1080	3.6%	6032403	331	363	9.2%
Pb	6032344	4.8	2.9		6032364	6.15	7.75	23.0%	6032384	13.2	10.8	20.0%	6032403	5.97	5.51	8.0%
Rb	6032344	< 10	< 10	0.0%	6032364	31	30	3.3%	6032384	25	26	3.9%	6032403	24	25	4.1%
S	6032344	0.007	0.010		6032364	0.029	0.031	6.7%	6032384	0.130	0.139	6.7%	6032403	0.0068	0.0064	6.1%
Sb	6032344	< 1	< 1	0.0%	6032364	2	1		6032384	< 1	< 1	0.0%	6032403	< 1	< 1	0.0%
Sc	6032344	1.7	2.0	16.2%	6032364	4.8	4.9	2.1%	6032384	2.0	2.0	0.0%	6032403	1.09	1.17	7.1%

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CANADA L4Z 1N9
TEL (905)501-9998
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ATTENTION TO: ALAN SMITH

Se	6032344	< 10	< 10	0.0%	6032364	< 10	< 10	0.0%	6032384	< 10	< 10	0.0%	6032403	< 10	< 10	0.0%
Sn	6032344	10	9	10.5%	6032364	10	5		6032384	< 5	< 5	0.0%	6032403	< 5	< 5	0.0%
Sr	6032344	11.1	13.3	18.0%	6032364	22.0	24.3	9.9%	6032384	25.8	27.8	7.5%	6032403	6.99	8.87	23.7%
Ta	6032344	< 10	< 10	0.0%	6032364	< 10	< 10	0.0%	6032384	< 10	< 10	0.0%	6032403	< 10	< 10	0.0%
Te	6032344	< 10	< 10	0.0%	6032364	< 10	< 10	0.0%	6032384	< 10	< 10	0.0%	6032403	< 10	< 10	0.0%
Th	6032344	8	6	28.6%	6032364	10	10	0.0%	6032384	5	5	0.0%	6032403	< 5	< 5	0.0%
Ti	6032344	0.16	0.16	0.0%	6032364	0.11	0.11	0.0%	6032384	0.044	0.045	2.2%	6032403	0.064	0.065	1.6%
Tl	6032344	< 5	< 5	0.0%	6032364	< 5	< 5	0.0%	6032384	< 5	< 5	0.0%	6032403	< 5	< 5	0.0%
U	6032344	< 5	< 5	0.0%	6032364	< 5	< 5	0.0%	6032384	< 5	< 5	0.0%	6032403	< 5	< 5	0.0%
V	6032344	56.0	57.0	1.8%	6032364	45.9	45.7	0.4%	6032384	28.3	28.1	0.7%	6032403	22.3	22.7	1.8%
W	6032344	< 1	< 1	0.0%	6032364	< 1	< 1	0.0%	6032384	< 1	< 1	0.0%	6032403	< 1	< 1	0.0%
Y	6032344	3	3	0.0%	6032364	14	14	0.0%	6032384	9	9	0.0%	6032403	2	3	
Zn	6032344	53.7	56.9	5.8%	6032364	42.6	39.7	7.0%	6032384	32.7	30.4	7.3%	6032403	22.5	24.2	7.3%
Zr	6032344	< 5	< 5	0.0%	6032364	< 5	< 5	0.0%	6032384	< 5	< 5	0.0%	6032403	< 5	< 5	0.0%
	REPLICATE #5				REPLICATE #6				REPLICATE #7							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	6032422	< 0.2	< 0.2	0.0%	6032441	< 0.2	< 0.2	0.0%	6032461	< 0.2	< 0.2	0.0%				
Al	6032422	1.11	1.08	2.7%	6032441	1.31	1.31	0.0%	6032461	0.75	0.75	0.0%				
As	6032422	2	5		6032441	1	5		6032461	4	7					
B	6032422	< 5	< 5	0.0%	6032441	< 5	< 5	0.0%	6032461	< 5	< 5	0.0%				
Ba	6032422	45	44	2.2%	6032441	59	59	0.0%	6032461	43	44	2.3%				
Be	6032422	0.5	0.5	0.0%	6032441	0.6	0.6	0.0%	6032461	< 0.5	< 0.5	0.0%				
Bi	6032422	< 1	< 1	0.0%	6032441	< 1	< 1	0.0%	6032461	< 1	< 1	0.0%				
Ca	6032422	0.41	0.39	5.0%	6032441	0.31	0.31	0.0%	6032461	0.115	0.115	0.0%				
Cd	6032422	< 0.5	< 0.5	0.0%	6032441	< 0.5	< 0.5	0.0%	6032461	< 0.5	< 0.5	0.0%				
Ce	6032422	48	46	4.3%	6032441	29	29	0.0%	6032461	15	16	6.5%				
Co	6032422	7.66	7.57	1.2%	6032441	8.3	8.3	0.0%	6032461	4.5	4.5	0.0%				
Cr	6032422	29.1	29.0	0.3%	6032441	30.6	30.2	1.3%	6032461	19.4	20.0	3.0%				
Cu	6032422	7.8	7.9	1.3%	6032441	6.65	6.88	3.4%	6032461	5.89	5.98	1.5%				
Fe	6032422	1.58	1.52	3.9%	6032441	1.65	1.64	0.6%	6032461	1.00	1.00	0.0%				
Ga	6032422	< 5	< 5	0.0%	6032441	7	6	15.4%	6032461	< 5	< 5	0.0%				
Hg	6032422	< 1	< 1	0.0%	6032441	< 1	1		6032461	2	3					
In	6032422	< 1	3		6032441	< 1	< 1	0.0%	6032461	< 1	< 1	0.0%				
K	6032422	0.10	0.10	0.0%	6032441	0.10	0.10	0.0%	6032461	0.03	0.03	0.0%				

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CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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ATTENTION TO: ALAN SMITH

La	6032422	14	13	7.4%	6032441	13	13	0.0%	6032461	8	8	0.0%				
Li	6032422	14	13	7.4%	6032441	19	19	0.0%	6032461	8	8	0.0%				
Mg	6032422	0.383	0.373	2.6%	6032441	0.49	0.49	0.0%	6032461	0.22	0.22	0.0%				
Mn	6032422	231	228	1.3%	6032441	239	242	1.2%	6032461	64	64	0.0%				
Mo	6032422	2.3	2.3	0.0%	6032441	2.5	0.9		6032461	< 0.5	1.0					
Na	6032422	< 0.01	< 0.01	0.0%	6032441	0.01	0.01	0.0%	6032461	< 0.01	< 0.01	0.0%				
Ni	6032422	19.9	19.8	0.5%	6032441	19.3	19.3	0.0%	6032461	10.2	10.7	4.8%				
P	6032422	569	505	11.9%	6032441	219	217	0.9%	6032461	226	189	17.8%				
Pb	6032422	5.88	6.36	7.8%	6032441	5.29	4.73	11.2%	6032461	3.9	5.3					
Rb	6032422	19	19	0.0%	6032441	28	28	0.0%	6032461	< 10	< 10	0.0%				
S	6032422	0.0119	0.0145	19.7%	6032441	0.0082	0.0100	19.8%	6032461	0.008	< 0.005					
Sb	6032422	< 1	< 1	0.0%	6032441	< 1	< 1	0.0%	6032461	< 1	< 1	0.0%				
Sc	6032422	2.11	2.15	1.9%	6032441	2.68	2.63	1.9%	6032461	0.9	0.6					
Se	6032422	< 10	< 10	0.0%	6032441	< 10	13		6032461	< 10	< 10	0.0%				
Sn	6032422	< 5	< 5	0.0%	6032441	7	5		6032461	6	< 5					
Sr	6032422	14.1	14.7	4.2%	6032441	17.7	16.6	6.4%	6032461	8.26	7.47	10.0%				
Ta	6032422	< 10	< 10	0.0%	6032441	< 10	< 10	0.0%	6032461	< 10	< 10	0.0%				
Te	6032422	< 10	< 10	0.0%	6032441	< 10	< 10	0.0%	6032461	< 10	< 10	0.0%				
Th	6032422	6	6	0.0%	6032441	6	5	18.2%	6032461	< 5	< 5	0.0%				
Ti	6032422	0.08	0.08	0.0%	6032441	0.11	0.11	0.0%	6032461	0.07	0.07	0.0%				
Tl	6032422	< 5	< 5	0.0%	6032441	< 5	< 5	0.0%	6032461	< 5	< 5	0.0%				
U	6032422	< 5	< 5	0.0%	6032441	< 5	< 5	0.0%	6032461	< 5	< 5	0.0%				
V	6032422	33.6	33.2	1.2%	6032441	37.2	36.5	1.9%	6032461	26.7	26.0	2.7%				
W	6032422	< 1	< 1	0.0%	6032441	< 1	< 1	0.0%	6032461	< 1	< 1	0.0%				
Y	6032422	5	5	0.0%	6032441	5	4	22.2%	6032461	2	2	0.0%				
Zn	6032422	21.3	20.6	3.3%	6032441	32.1	32.9	2.5%	6032461	14.2	12.0	16.8%				
Zr	6032422	< 5	< 5	0.0%	6032441	< 5	< 5	0.0%	6032461	< 5	< 5	0.0%				

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	REPLICATE #1				REPLICATE #2				REPLICATE #3				REPLICATE #4			
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD
Au	6032325	0.055	0.017		6032344	0.003	0.002		6032441	0.0022	0.0026	16.7%	6032460	0.001	0.001	0.0%

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 14U911282

PROJECT:

CLIENT NAME: TRELAWNEY MINING & EXPLORATION

ATTENTION TO: ALAN SMITH

(201-073) Aqua Regia Digest - Metals Package, ICP-OES finish

	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)				CRM #3 (ref.CFRM-100)				CRM #4 (ref.CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	182	99%	90% - 110%	184	180	98%	90% - 110%	184	182	99%	90% - 110%	184	183	99%	90% - 110%
Cu	3494	3516	101%	90% - 110%	3494	3464	99%	90% - 110%	3494	3469	99%	90% - 110%	3494	3499	100%	90% - 110%
Ni	2985	2931	98%	90% - 110%	2985	2906	97%	90% - 110%	2985	2947	99%	90% - 110%	2985	2927	98%	90% - 110%
	CRM #5 (ref.CFRM-100)				CRM #6 (ref.CFRM-100)				CRM #7 (ref.CFRM-100)				CRM #8 (ref.CFRM-100)			
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Co	184	178	97%	90% - 110%	184	173	94%	90% - 110%	184	176	96%	90% - 110%	184	179	97%	90% - 110%
Cu	3494	3484	100%	90% - 110%	3494	3506	100%	90% - 110%	3494	3482	100%	90% - 110%	3494	3488	100%	90% - 110%
Ni	2985	2834	95%	90% - 110%	2985	2815	94%	90% - 110%	2985	2798	94%	90% - 110%	2985	2879	96%	90% - 110%
	CRM #9 (ref.CFRM-100)				CRM #10 (ref.CFRM-100)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Co	184	178	96%	90% - 110%	184	178	97%	90% - 110%								
Cu	3494	3515	101%	90% - 110%	3494	3486	100%	90% - 110%								
Ni	2985	2842	95%	90% - 110%	2985	2839	95%	90% - 110%								

(202-052) Fire Assay - Trace Au, ICP-OES finish (ppm)

	CRM #1 (ref.1P5K)				CRM #2 (ref.1P5K)				CRM #3 (ref.GSP7J)							
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	1.44	1.46	101%	90% - 110%	1.44	1.38	96%	90% - 110%	0.722	0.677	94%	90% - 110%				

AGAT Laboratories
5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Method Summary

CLIENT NAME: TRELAWNEY MINING & EXPLORATION
AGAT WORK ORDER: 14U911282
PROJECT:
ATTENTION TO: ALAN SMITH
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

Appendix 2 – Prospecting and Geological Investigation

2014 Hiawatha Outcrop Sampling Map – Scale 1:2000
2014 Hiawatha Geological Investigation GPS Tracks Map – Scale 1:2000
2014 Hiawatha Rock Outcrop Observation Map– Scale 1:2000
2014 Hiawatha Rock Sample Descriptions
2014 Activation Laboratories Au Assay Certificate (A14-08515-Au)
2014 Activation Laboratories ICP Assay Certificate(A14-08515-TD)

2014 Hiawatha Outcrop Sampling

N

684400 .000000 | 684500 .000000 | 684600 .000000 | 684700 .000000 | 684800 .000000 | 684900 .000000 | 685000 .000000 | 685100 .000000

5415100 | 5415000 | 5414900 | 5414800 | 5414700

P500695

P500696

P500698

4201060

Kabinakagami L.

LIZAR

HIAWATHA GOLD MINE

North Trench

Wheel Trench

South Trench

Trail Trench

163051

163052

163053

163054

163055

163056

163057

163058

163059

163060

163061

163063

163064

163065

163066

163067

163068

163069

163070

0 25 50 100 150 200 Meters

Legend

- 2014 Outcrop Samples
- Assessment File Trenches
- MDI Ontario Database
- ATV Access Trail
- Claim Boundary
- Disposition Boundary
- Lakes

2014 Hiawatha Geological Investigation - Outcrop GPS Tracks

N

684400.000000 684500.000000 684600.000000 684700.000000 684800.000000 684900.000000 685000.000000 685100.000000

5415100.000000 5415000.000000 5414900.000000 5414800.000000 5414700.000000

P500695

P500696

North Trench

HIAWATHA GOLD MINE

Wheel Trench

South Trench

Kabinakagami Lake

LIZAR

Trail Trench

4201060

P500698

0 25 50 100 150 200 Meters

Legend

- Outcrops Visited October 16, 2014
- Outcrops Visited October 31, 2014
- Assessment File Trenches
- MDI Ontario Database
- ATV Access Trail
- Claim Boundary
- Lakes

2014 Hiawatha Outcrops

Lithological Codes

Mafic Volcanics
1a- Foliated to massive, fine to medium grained flows
1b- Mafic Metavolcanic Breccia

Intermediate to Felsic Metavolcanics
2- Foliated, fine-grained flows

Felsic Intrusives
3a- Tonalite to Granodiorite
3b- Intrusion Breccia

Porphyrytic Felsic Intrusives
4a- Feldspar Porphyry
4b- Quartz Feldspar Porphyry

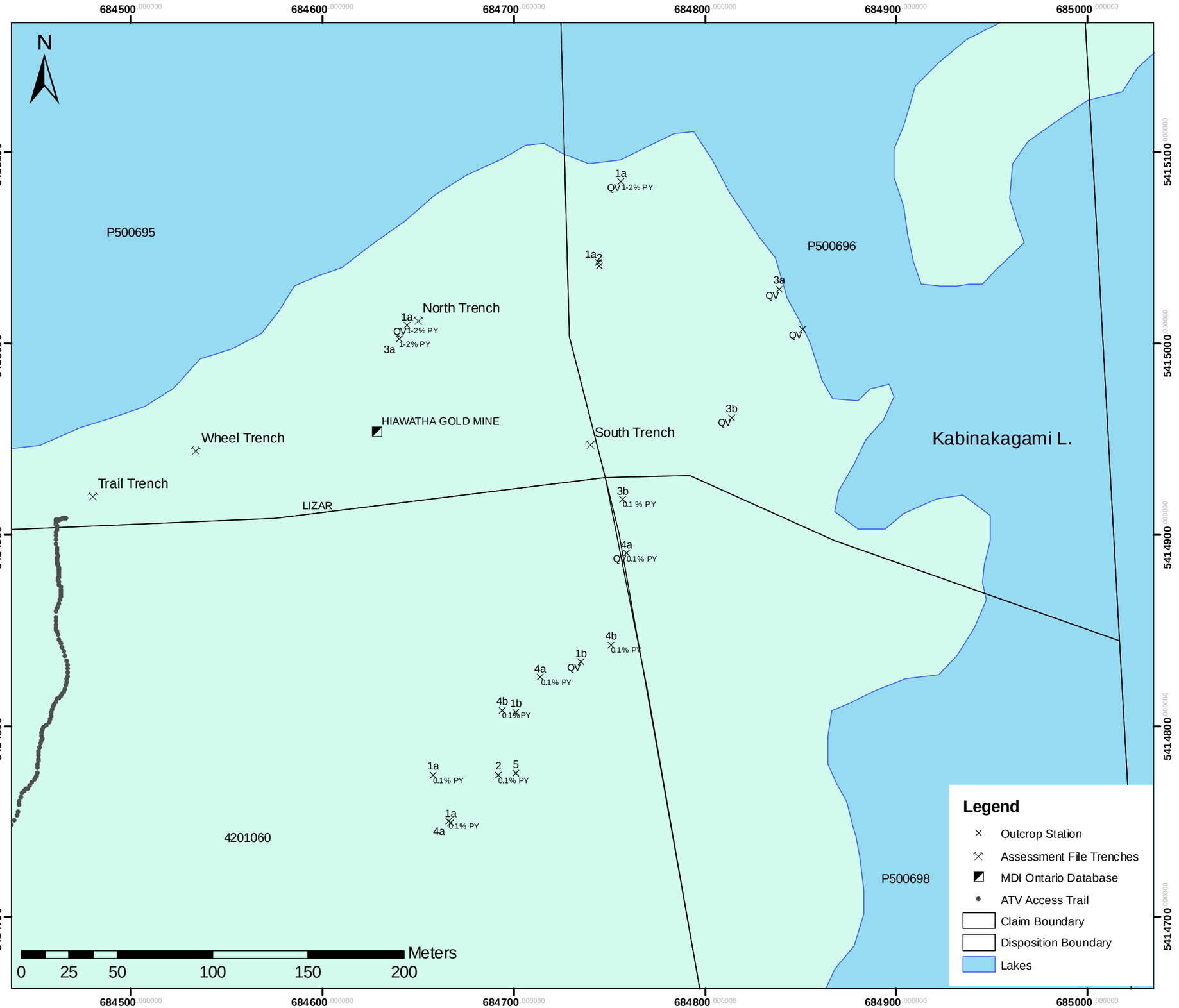
Mafic Intrusives
5- Diabase

Mineralization Codes

PY Pyrite Mineralization with Percentage Listed

Presence Of Veining at Outcrop

QV Quartz Veining Present On Outcrop



HEADER							SAMPLE				LITHOLOGY	
Project	Geologist	Property	Date	UTM Eastir	UTM Northing	Elev(m)	Sample #	Sample Type	Lithology	Rock Code	Description	Au (ppb)
Regional	Adam Waram	Hiawatha	16/10/2014	684644	5415009	347	163051	Rock Grab	Mafic Metavolcanic	1a	Fine-grained, dark green, and massive. Quartz veinlets. Non-magnetic. Contact @ 43° with Tonalite-Granodiorite unit.	10
Regional	Adam Waram	Hiawatha	16/10/2014	684640	5415002	347	163052	Rock Grab	Tonalite-Granodiorite	3a	Medium-grained, weak to moderately sheared, and light grey. Non-magnetic. 1-2% PY in gossanous quartz vein. Sheared @ 43°/80°. In contact with Mafic Metavolcanic unit.	25
Regional	Adam Waram	Hiawatha	16/10/2014	684744	5415042	338	163053	Rock Grab	Mafic Metavolcanic	1a	Fine-grained, dark green, and foliated. Non-magnetic. Contact @218°/86° with Intermediate-Felsic Metavolcanic unit sharp but wavy.	< 5
Regional	Adam Waram	Hiawatha	16/10/2014	684745	5415040	338	163054	Rock Grab	Intermediate-Felsic Metavolcanic	2	Fine-grained, foliated and beige-grey in colour. It is non-magnetic. High Silica content. Contact @218°/86° with Mafic metavolcanic unit sharp but wavy.	< 5
Regional	Adam Waram	Hiawatha	16/10/2014	684756	5415084	337	163055	Rock Grab	Mafic Metavolcanic	1a	Fine-grained, dark green, and moderately foliated @ 233°/90°. Moderate, pervasive chloritization. Weak carbonate alteration along foliation planes. Boudinaged quartz veining, 5cm width @233°/°90. 1-2% PY disseminated. Some layering evident with Intermediate-Felsic Metavolcanics.	< 5
Regional	Adam Waram	Hiawatha	16/10/2014	684832	5415037	326	163056	Rock Grab	Tonalite-Granodiorite	3a	Medium-grained, weak to moderately sheared, and light grey. Weak, pervasive silicification. Alteration along foliation planes consists of moderate biotization, weak chloritization, and weak carbonate alteration. Non-magnetic. Sheared @ 230°/90°. Quartz veining, 6cm width, striking 235°. Few mafic enclaves noticed. 7m wide diabase dyke striking 292°.	16
Regional	Adam Waram	Hiawatha	16/10/2014	684851	5415007	326	163057	Rock Grab	Quartz vein	N/A	Quartz vein blowout. 6cm wide. Striking 235°. Non-mineralized.	< 5
Regional	Adam Waram	Hiawatha	16/10/2014	684814	5414961	350	163058	Rock Grab	Tonalite Breccia	3b	Fine-grained, matrix is light grey and clasts are dark green. Moderately foliated @ 232°/90 °. Elongated mafic volcanic fragments/enclaves (5-25cm) oriented parallel to foliation. Non-magnetic. Some small, foliation controlled quartz veinlets. Moderate, pervasive silicification. Weak biotization along foliation planes. Moderate chloritization in the mafic volcanic fragments.	< 5
Regional	Adam Waram	Hiawatha	16/10/2014	684757	5414918	343	163059	Rock Grab	Tonalite Breccia	3b	Medium-grained, matrix is light grey and clasts are dark green. Moderately foliated. Elongated mafic volcanic fragments/enclaves (5-25cm) oriented parallel to foliation. Non-magnetic. Some small, foliation controlled quartz veinlets. Moderate, pervasive silicification. Moderate biotite alteration along foliation planes. Weak chloritization in the mafic volcanic fragments. Trace PY disseminated.	< 5
Regional	Adam Waram	Hiawatha	31/10/2014	684759	5414890	343	163060	Rock Grab	Feldspar Porphyry	4a	Fine-grained, beige matrix with larger feldspar phenocrysts (2-3mm). Non-magnetic. Moderate foliation @56°/90°. Some quartz veinlets 2cm wide. Moderate, pervasive silicification. Weak biotite alteration along foliation planes. Moderate, pervasive chloritization. Trace pyrite disseminated and marginal to quartz veinlets.	< 5
Regional	Adam Waram	Hiawatha	31/10/2014	684751	5414842	341	163061	Rock Grab	Quartz Feldspar Porphyry	4b	Fine-grained, grey matrix with feldspar (2-3mm) and quartz (4-10mm) phenocrysts. Non-magnetic. Moderate Foliation @ 71°/88°.Weak, pervasive silicification. Moderate chloritization which is pervasive and along foliation planes. Trace pyrite mineralization disseminated and along foliation planes.	< 5
Regional		Lab Standard	31/10/2014	N/A	N/A	N/A	163062	Certified Standard	N/A	N/A	N/A	235
Regional	Adam Waram	Hiawatha	31/10/2014	684714	5414825	346	163063	Rock Grab	Mafic Metavolcanic Breccia	1b	Fine-grained, grey in colour, and moderately foliated striking 43°. Elongated tonalitic fragments (15cm) oriented parallel to foliation. Weakly magnetic. Quartz veinlets 1cm wide. Moderate, pervasive chloritization. Weak epidotization in veinlets.	< 5
Regional	Adam Waram	Hiawatha	31/10/2014	684694	5414808	349	163064	Rock Grab	Feldspar Porphyry	4a	Fine-grained, beige matrix with larger feldspar phenocrysts (2-3mm). Non-magnetic. Moderate foliation @46°/90°. Moderate, pervasive silicification. Weak biotite alteration along foliation planes. Weak, pervasive chloritization. Weak, spotty carbonate alteration. Trace pyrite mineralization disseminated and along foliation planes. Contact striking 43° with Mafic Metavolcanics.	< 5
Regional	Adam Waram	Hiawatha	31/10/2014	684701	5414807	350	163065	Rock Grab	Quartz Feldspar Porphyry	4b	Fine-grained, grey matrix with feldspar (2-3mm) and quartz (4-10mm) phenocrysts. Non-magnetic. Moderate Foliation @ 30°/90°.Weak, pervasive silicification. Moderate biotite alteration along foliation planes. Moderate chlorite which is pervasive and along foliation planes. Trace PY disseminated and along foliation planes.	< 5
Regional	Adam Waram	Hiawatha	31/10/2014	684701	5414775	345	163066	Rock Grab	Mafic Metavolcanic Breccia	1b	Fine-grained, grey in colour, and moderately foliated @41°/90°. Elongated tonalitic fragments (30cm) oriented parallel to foliation. Weakly magnetic. Weak sericitization along foliation planes. Moderate, pervasive chloritization. Weak, spotty carbonate alteration.	6
Regional	Adam Waram	Hiawatha	31/10/2014	684692	5414774	347	163067	Rock Grab	Intermediate-Felsic Metavolcanic	2	Fine-grained and beige in colour. Moderately foliated @ 48°/82°. Non-magnetic. Moderate, pervasive silicification. Weak biotization along foliation planes. Weak chloritization which is pervasive and along foliation planes. Trace pyrite mineralization disseminated and along foliation planes.	9
Regional	Adam Waram	Hiawatha	31/10/2014	684658	5414774	346	163068	Rock Grab	Mafic Metavolcanic	1a	Fine-grained, dark grey, and moderately foliated @ 228°/87°. Weakly magnetic. Moderate chloritization which is pervasive and along foliation planes. Moderate biotite alteration along foliation planes. Trace pyrite mineralization disseminated and along foliation planes.	11
Regional	Adam Waram	Hiawatha	31/10/2014	684666	5414750	347	163069	Rock Grab	Feldspar Porphyry	4a	Fine-grained, beige matrix with larger feldspar phenocrysts (2-3mm). Non-magnetic. Moderate foliation @51°/90°. Weak, pervasive silicification. Weak biotite alteration along foliation planes. Moderate chloritization which is pervasive and along foliation planes. Weak, spotty hematite. Trace PY along foliation planes. Contact @ 332°/84° with Mafic Metavolcanics. Mafic enclaves (15cm) near contact.	< 5
Regional	Adam Waram	Hiawatha	31/10/2014	684667	5414749	347	163070	Rock Grab	Mafic Metavolcanic	1a	Fine-grained, dark grey, and moderately foliated @ 51°/90°. Weakly magnetic. Moderate, pervasive chloritization. Weak biotite alteration along foliation planes. Weak hematite along fractures. Contact with Feldspar porphyry @ 332°/84°.	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 05-Nov-14
Invoice No.: A14-08515-Au
Invoice Date: 10-Nov-14
Your Reference: 244

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

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Sudbury Au - Fire Assay AA

REPORT **A14-08515-Au**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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

Date Submitted: 05-Nov-14
Invoice No.: A14-08515-Au
Invoice Date: 10-Nov-14
Your Reference: 244

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

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package was requested: Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A14-08515-Au**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
163051	10
163052	25
163053	< 5
163054	< 5
163055	< 5
163056	16
163057	< 5
163058	< 5
163059	< 5
163060	< 5
163061	< 5
163062	235
163063	< 5
163064	< 5
163065	< 5
163066	6
163067	9
163068	11
163069	< 5
163070	< 5

QC

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OxD108 Meas	404
OxD108 Cert	414.000
SG66 Meas	1060
SG66 Cert	1090
163060 Orig	< 5
163060 Dup	< 5
163070 Orig	< 5
163070 Dup	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 05-Nov-14
Invoice No.: A14-08515-TD
Invoice Date: 20-Nov-14
Your Reference: 244

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

ATTN: Alan Smith

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Sudbury Au - Fire Assay AA

REPORT **A14-08515-TD**

Notes:

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

CERTIFIED BY:

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CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

The following analytical package was requested: Code UT-6 Total Digestion ICP & ICP/MS

REPORT **A14-08515-TD**

Notes:

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

CERTIFIED BY:

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

Results

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	0.5	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	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
163051	19.6	2.80	0.66	6.87	1.52	1.32	0.1	27	18.6	206	1.97	2.4	< 10	4.6	0.4	0.9	0.1	0.32	0.86	3.9	0.31	0.26	0.7
163052	17.3	> 3.00	0.31	7.36	1.98	2.22	0.2	26	23.7	173	1.88	2.4	< 10	6.3	0.4	0.5	0.1	0.38	0.68	5.6	0.48	0.41	0.4
163053	14.3	2.57	5.12	6.68	0.49	7.03	0.1	172	317	1330	8.05	0.9	< 10	145	1.8	0.4	0.6	0.06	0.51	49.6	0.64	0.25	0.8
163054	14.1	> 3.00	0.49	7.66	0.75	1.64	0.2	33	26.0	175	2.16	2.1	< 10	9.4	0.4	0.9	0.1	0.22	0.68	6.6	0.36	0.52	0.5
163055	22.4	2.63	4.94	6.53	0.60	5.95	0.2	214	364	1570	8.51	0.6	< 10	117	1.9	0.8	0.6	0.32	0.84	43.4	0.55	0.49	1.6
163056	24.4	> 3.00	0.50	7.30	1.66	1.54	0.1	35	21.8	163	2.24	1.6	< 10	10.0	0.5	0.9	0.2	0.31	1.11	6.7	0.37	1.59	0.8
163057	2.9	0.12	0.14	0.37	0.05	0.59	< 0.1	7	37.7	158	0.95	< 0.1	100	5.2	0.1	0.1	< 0.1	< 0.05	0.11	1.7	< 0.05	0.07	0.3
163058	47.3	2.23	3.48	7.93	0.86	4.97	0.1	159	199	1020	7.01	0.6	< 10	124	1.9	0.3	0.6	0.10	2.44	42.8	0.52	0.19	0.5
163059	19.3	> 3.00	1.00	6.05	0.71	2.54	0.2	74	44.8	423	2.82	2.3	< 10	26.7	0.6	0.5	0.2	0.10	0.62	12.0	0.53	0.12	0.4
163060	9.7	> 3.00	0.30	6.92	0.31	1.17	0.1	19	22.3	124	1.11	1.2	< 10	6.1	0.5	0.6	0.2	0.10	0.41	6.5	0.56	0.14	0.4
163061	12.9	> 3.00	0.46	7.83	0.83	2.02	0.1	30	26.7	135	1.88	1.9	< 10	9.9	0.4	0.9	0.1	0.10	0.66	9.4	0.43	0.27	0.2
163062	34.0	2.53	1.48	7.67	2.80	2.79	0.3	96	82.4	568	4.94	2.1	< 10	44.3	2.8	3.2	1.0	0.56	11.1	18.5	1.27	1.52	2.4
163063	18.2	> 3.00	4.07	7.42	0.52	5.61	0.2	198	152	1180	7.67	0.8	< 10	113	2.0	0.1	0.6	0.14	0.57	36.3	0.64	0.26	0.4
163064	13.7	> 3.00	0.62	7.75	0.33	1.69	< 0.1	38	30.7	253	2.23	1.9	< 10	12.8	0.4	1.0	0.1	0.16	0.34	9.4	0.42	0.14	0.5
163065	11.2	> 3.00	0.49	7.34	0.65	2.04	0.2	34	20.9	183	1.81	1.8	10	10.5	0.4	0.8	0.1	0.35	1.37	9.3	0.33	0.22	0.7
163066	7.5	2.23	3.82	7.55	0.44	7.02	0.1	227	149	1140	7.63	0.7	< 10	114	2.1	0.6	0.7	0.25	0.44	43.1	0.65	0.35	0.9
163067	15.3	> 3.00	0.64	7.35	0.89	1.48	0.2	33	26.6	180	1.87	2.1	< 10	15.3	0.4	0.6	0.1	0.35	0.67	10.2	0.37	2.41	0.3
163068	6.8	1.29	4.07	6.86	0.37	6.89	0.2	237	156	1240	9.10	0.6	< 10	86.1	2.1	< 0.1	0.7	0.31	0.72	44.0	0.68	0.35	0.9
163069	10.0	> 3.00	0.48	7.21	0.81	1.36	< 0.1	30	19.0	164	1.84	1.8	< 10	10.0	0.4	1.0	0.1	0.15	0.55	7.4	0.37	0.84	0.5
163070	12.6	2.63	4.84	5.26	1.18	4.54	0.2	140	710	1110	7.18	3.8	< 10	227	2.1	1.8	0.8	0.25	0.55	37.3	2.07	0.49	0.9

Results

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
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
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	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
Method Code	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
163051	39.6	19.3	7.2	65.5	3.1	165	92	2.5	2.89	< 0.1	1	0.2	0.2	656	5.6	12.0	1.3	4.7	0.9	0.9	0.1	0.7	70.6
163052	44.5	18.7	5.0	75.2	3.8	99.1	90	2.4	0.67	< 0.1	< 1	0.2	0.1	386	9.6	18.5	2.1	7.5	1.4	1.3	0.2	0.8	41.3
163053	86.8	13.2	< 0.1	19.5	13.9	360	22	0.4	0.62	< 0.1	< 1	0.1	< 0.1	175	4.8	10.9	1.5	6.5	1.6	2.2	0.4	2.6	32.1
163054	24.6	20.1	1.2	29.3	3.1	306	73	1.6	7.56	< 0.1	< 1	0.1	0.2	264	4.1	9.2	1.0	3.7	0.8	0.7	0.1	0.6	83.1
163055	88.9	12.5	2.8	34.1	14.3	169	14	1.1	0.98	< 0.1	< 1	0.2	0.2	165	1.5	4.2	0.7	3.6	1.3	2.1	0.4	2.7	129
163056	24.0	19.9	8.4	59.0	3.7	312	54	1.8	4.44	< 0.1	< 1	0.3	< 0.1	413	5.9	12.8	1.5	5.2	1.1	1.0	0.1	0.8	87.6
163057	7.1	0.8	3.1	2.5	0.5	11.6	2	0.1	0.42	< 0.1	< 1	0.2	< 0.1	10	0.4	0.6	< 0.1	0.3	< 0.1	0.1	< 0.1	0.1	8.3
163058	80.8	15.3	< 0.1	41.0	14.4	195	21	0.1	0.52	< 0.1	< 1	< 0.1	< 0.1	317	3.3	7.7	1.1	4.8	1.5	2.2	0.4	2.8	104
163059	37.9	17.2	3.4	25.3	4.7	287	82	2.1	3.46	< 0.1	< 1	0.2	< 0.1	276	8.7	20.5	2.4	9.1	1.7	1.5	0.2	1.1	59.1
163060	10.6	12.6	0.5	12.0	4.7	157	54	2.6	2.75	< 0.1	< 1	0.1	0.1	111	31.8	62.9	7.0	21.7	2.8	2.0	0.2	1.0	93.0
163061	19.2	18.1	1.3	34.9	3.4	284	63	1.6	2.47	< 0.1	< 1	0.1	< 0.1	105	9.0	17.5	1.9	6.5	1.2	1.0	0.1	0.7	74.6
163062	93.1	18.6	12.5	185	25.7	330	76	2.7	47.9	0.2	4	0.5	< 0.1	1000	33.0	66.3	7.8	27.4	5.3	5.4	0.8	4.8	2450
163063	65.6	14.6	< 0.1	23.7	15.9	164	25	0.4	6.68	< 0.1	< 1	< 0.1	< 0.1	90	2.3	6.3	1.0	4.6	1.5	2.3	0.4	2.9	158
163064	27.3	19.1	0.7	13.6	3.6	244	65	1.4	6.92	< 0.1	< 1	< 0.1	< 0.1	122	10.1	20.1	2.3	7.9	1.4	1.2	0.2	0.8	264
163065	17.1	18.8	0.2	40.4	2.9	287	66	1.2	5.95	< 0.1	< 1	< 0.1	0.3	203	4.7	9.5	1.1	3.7	0.7	0.7	0.1	0.6	246
163066	63.3	16.4	1.9	15.8	16.4	227	19	1.6	23.9	< 0.1	2	0.4	0.3	103	2.9	7.0	1.0	5.0	1.6	2.5	0.4	3.1	321
163067	40.1	16.6	1.9	42.5	3.2	255	72	1.5	2.26	< 0.1	< 1	0.2	1.5	287	6.9	14.0	1.6	5.6	1.1	1.0	0.1	0.7	432
163068	65.6	14.6	1.0	17.9	17.0	150	15	1.5	6.68	< 0.1	2	0.2	0.4	46	2.0	5.4	0.9	4.5	1.6	2.5	0.5	3.2	222
163069	18.2	17.3	< 0.1	38.8	3.3	372	61	1.6	10.6	< 0.1	< 1	< 0.1	< 0.1	253	6.7	13.9	1.5	5.2	1.0	0.9	0.1	0.7	81.8
163070	125	17.4	0.9	37.2	19.2	240	135	11.6	1.14	< 0.1	2	0.2	0.2	362	33.0	78.8	10.4	39.4	7.2	6.7	0.8	4.5	27.0

Results

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
163051	0.1	< 0.1	0.3	< 0.1	0.1	1.9	0.040	0.45	6.9	4	1.9	0.7	0.156	0.030	0.10
163052	< 0.1	< 0.1	0.3	< 0.1	0.1	2.4	0.035	0.50	4.1	4	2.0	0.6	0.145	0.029	0.42
163053	0.5	0.3	1.7	0.3	< 0.1	< 0.1	0.037	0.12	3.2	44	0.9	0.4	0.222	0.020	0.04
163054	0.1	< 0.1	0.4	< 0.1	< 0.1	1.8	0.038	0.17	8.1	5	1.0	0.4	0.174	0.028	0.20
163055	1.3	0.3	1.8	0.3	< 0.1	2.0	0.047	0.21	3.7	46	0.2	< 0.1	0.336	0.018	0.92
163056	0.2	< 0.1	0.4	< 0.1	< 0.1	4.2	0.039	0.35	9.3	5	1.5	0.5	0.174	0.032	0.24
163057	< 0.1	< 0.1	0.2	< 0.1	< 0.1	< 0.1	0.044	< 0.05	0.6	2	< 0.1	< 0.1	0.0104	0.003	< 0.01
163058	0.2	0.3	1.7	0.3	< 0.1	< 0.1	0.034	0.27	2.7	44	0.5	0.1	0.205	0.022	0.05
163059	0.2	< 0.1	0.6	< 0.1	< 0.1	1.1	0.031	0.23	5.5	7	1.2	0.5	0.271	0.050	0.02
163060	0.1	< 0.1	0.5	< 0.1	< 0.1	< 0.1	0.041	0.10	2.3	3	3.6	0.6	0.126	0.021	0.06
163061	0.1	< 0.1	0.4	< 0.1	< 0.1	< 0.1	0.034	0.25	3.6	4	1.8	0.4	0.160	0.026	0.11
163062	0.6	0.4	2.3	0.4	< 0.1	0.3	0.037	1.03	23.4	13	17.1	4.5	0.331	0.086	0.33
163063	0.6	0.3	1.9	0.3	< 0.1	< 0.1	0.042	0.16	3.7	42	1.0	0.1	0.287	0.020	0.05
163064	0.3	< 0.1	0.4	< 0.1	< 0.1	< 0.1	0.039	0.09	4.0	5	1.8	0.5	0.170	0.027	0.10
163065	0.5	< 0.1	0.4	< 0.1	< 0.1	< 0.1	0.046	0.26	2.9	5	1.3	0.3	0.166	0.026	0.06
163066	0.9	0.3	2.1	0.3	< 0.1	1.2	0.043	0.14	4.2	43	0.4	0.1	0.390	0.021	0.09
163067	0.2	< 0.1	0.4	< 0.1	< 0.1	0.5	0.047	0.23	5.9	5	1.3	0.4	0.159	0.028	0.15
163068	0.6	0.3	2.0	0.3	< 0.1	0.7	0.038	0.18	2.6	45	0.3	< 0.1	0.409	0.027	0.17
163069	0.1	< 0.1	0.4	< 0.1	< 0.1	< 0.1	0.037	0.22	2.7	4	1.3	0.4	0.160	0.026	0.05
163070	1.5	0.3	1.5	0.2	0.5	0.9	0.042	0.28	2.7	18	4.7	1.2	0.770	0.176	0.06

QC

Analyte Symbol	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi	Se
Unit Symbol	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	0.5	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02	0.1
Method Code	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	7.3	0.05	0.17	1.99	0.04	0.80	2.5	76	22.8	849	24.9	0.4	3900	38.4		0.7		30.5	2.84	7.8	0.58	1440	14.9
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	3900	41.0		1.22		31.0	3.00	8.20	0.690	1380	16.6
GXR-4 Meas	10.0	0.55	1.43	5.91	2.23	0.93	0.2	81	47.6	142	3.07	1.1		39.2		1.9		2.96	2.62	14.0	1.37	17.7	5.6
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	33.8	1.59	0.86	7.44	2.45	0.95		35	53.0	792	4.75	0.7		33.5	3.7	2.9	1.3		4.03	17.7	1.56		
SDC-1 Cert	34.00	1.52	1.02	8.34	2.72	1.00		102.00	64.00	880.00	4.82	8.30		38.0	4.10	3.00	1.50		4.00	18.0	1.70		
GXR-6 Meas	32.5	0.10	0.47	> 10.0	1.76	0.15	0.2	120	66.0	1030	5.82	1.7		24.2		0.7		0.23	4.22	14.0	0.61	0.20	0.8
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	26.3	1.21	0.38	5.37	2.49	0.54	4.3	47	78.1	4490	3.19			40.8		2.3		2.45		10.3		1.60	1.1
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	4.8							135	129					263						57.6	0.61		
DNC-1a Cert	5.20							148.00	270					247						57.0	0.59		
SBC-1 Meas	157						0.5	196	94.0			3.2		83.9	3.6	3.4	1.3		8.28	22.5	1.81	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	
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							
163051 Orig	19.9	2.81	0.69	7.05	1.46	1.33	0.1	27	20.6	203	2.01	2.4	< 10	4.6	0.4	0.7	0.1	0.31	0.85	4.1	0.32	0.27	0.7
163051 Dup	19.3	2.79	0.63	6.69	1.57	1.31	0.1	26	16.6	208	1.93	2.4	< 10	4.7	0.4	1.1	0.1	0.34	0.87	3.8	0.31	0.26	0.7
Method Blank	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	< 0.5	< 1	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1
Method Blank	< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	< 0.5	< 1	< 0.01	< 0.1	< 10	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02	< 0.1

QC

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
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
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	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
Method Code	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	808	10.4	397	3.3	29.6	291	21	0.8	18.5	0.8	25	28.8	8.9	722	7.3	14.3		7.9	2.7	4.0	0.7	4.7	1070
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	75.2	17.7	94.7	124	14.1	215	42	9.1	314	0.2	6	4.6	1.1	217	55.6	101		38.2	5.9	4.4	0.5	2.7	6310
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	21.0	1.3	129		177	31	1.4			< 1	0.1		664	40.4	85.8		38.5	7.5	7.1	1.1	6.5	30.5
SDC-1 Cert	103.00	21.00	0.220	127.00		180.00	290.00	21.00			3.00	0.54		630	42.00	93.00		40.00	8.20	7.00	1.20	6.70	30.000
GXR-6 Meas	139	29.5	252	88.3	13.1	37.0	69	0.9	1.05	< 0.1	< 1	0.8	< 0.1	1170	12.6	33.6		11.8	2.5	2.4	0.4	2.4	78.2
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	905	17.9	29.5	142	35.5	150		4.7	6.65	0.9	3	4.6	0.5	780	55.3	111							304
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							331.0000
DNC-1a Meas	72.9				17.5	146	38					1.3		114	3.9			4.9					95.6
DNC-1a Cert	70.0				18.0	144.0	38.000					0.96		118	3.6			5.20					100.00
SBC-1 Meas	205	25.8	25.8	149	32.9	182	117	14.6	2.42		3	1.2		804	48.2	98.0	12.0	44.0	8.7	8.2	1.1	6.6	31.1
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	31.0000
OREAS 45d (4-Acid) Meas																							
OREAS 45d (4-Acid) Cert																							

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
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
Lower Limit	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	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
Method Code	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
163051 Orig	38.9	19.7	10.5	63.5	3.1	166	91	2.4	3.43	< 0.1	1	0.2	0.2	652	5.5	11.7	1.3	4.6	0.9	0.9	0.1	0.7	70.1
163051 Dup	40.3	18.9	3.9	67.5	3.1	165	93	2.5	2.35	< 0.1	1	0.2	0.2	660	5.8	12.3	1.3	4.8	0.9	1.0	0.1	0.7	71.1
Method Blank	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 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
Method Blank	< 0.2	< 0.1	< 0.1	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 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

QC

Analyte Symbol	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas		0.4	2.1	0.3	< 0.1	138		0.44	745	2	3.0	31.4	0.0269	0.061	0.26
GXR-1 Cert		0.430	1.90	0.280	0.175	164		0.390	730	1.58	2.44	34.9	0.036	0.0650	0.257
GXR-4 Meas		0.2	1.0	0.1	0.5	32.0		3.15	47.0	8	18.0	5.1	0.290	0.134	1.74
GXR-4 Cert		0.210	1.60	0.170	0.790	30.8		3.20	52.0	7.70	22.5	6.20	0.29	0.120	1.77
SDC-1 Meas		0.5	3.2		< 0.1	< 0.1		0.67	25.1	17	12.3	3.8	0.108	0.057	
SDC-1 Cert		0.65	4.00		1.20	0.80		0.70	25.00	17.00	12.00	3.10	0.606	0.0690	
GXR-6 Meas		0.2	1.6	0.2	< 0.1	< 0.1		2.30	101	27	5.2	1.3		0.038	0.02
GXR-6 Cert		0.0320	2.40	0.330	0.485	1.90		2.20	101	27.6	5.30	1.54		0.0350	0.0160
SAR-M (U.S.G.S.) Meas						1.3		2.85	895	10	16.6	3.8	0.271	0.063	
SAR-M (U.S.G.S.) Cert						9.78		2.7	982	7.83	17.2	3.57	0.38	0.07	
DNC-1a Meas			2.1							31			0.288		
DNC-1a Cert			2.0							31			0.29		
SBC-1 Meas		0.5	3.4	0.5	0.8	1.0		0.96	36.0	20	15.8	5.4	0.534		
SBC-1 Cert		0.56	3.64	0.54	1.10	1.60		0.89	35.0	20.0	15.8	5.76	0.51		
OREAS 45d (4-Acid) Meas										45			0.641	0.037	0.05
OREAS 45d (4-Acid) Cert										49.30			0.773	0.042	0.049
163051 Orig	0.1	< 0.1	0.3	< 0.1	0.1	2.0	0.036	0.45	6.9	4	1.8	0.7	0.156	0.030	0.10
163051 Dup	0.1	< 0.1	0.3	< 0.1	0.1	1.9	0.044	0.46	6.9	4	1.9	0.7	0.157	0.030	0.10
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	0.0005	< 0.001	< 0.01
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5	< 1	< 0.1	< 0.1	< 0.0005	< 0.001	< 0.01