

**FINAL REPORT FOR THE
TARGET EVALUATION GRANT
(14-020)
FROM THE
YUKON MINERAL EXPLORATION PROGRAM**

ON THE

**ANNE 1-6 AND LOBO 1 to 10
QUARTZ MINING
CLAIMS
(YC26740-YC26743, YC94751-YC94754, YE41086-YE41077)**

**MARSH LAKE,
YUKON TERRITORY
WHITEHORSE MINING DISTRICT**

**NTS 105 D/8
ZONE 8
LATITUDE 60-29 N
LONGITUDE 134-17W**

**conducted between
September, 2014 - November, 2014**

By

**JOSEPH A. J. CLARKE
MARSH LAKE, YUKON
NOVEMBER, 2014**



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INTRODUCTION

This report describes exploration work conducted on the Anne 1-8 and LOBO 1-10 claims which cover the orogenic gold target Minfile 105D196 at Marsh Lake, Yukon (105D/8) under Yukon Geological Survey's YMEG Program Target Evaluation module between September and November 2014. The claims are 100% owned by Joseph Clarke of Marsh Lake, Yukon, the author of this report.

Total cost of the exploration program was \$13,210.50.

The main focus of the 2014 exploration program was to perform follow up work on significant assay results obtained in 1995 and 1997 prospecting programs and a 2009 trenching program, perform geological mapping and detailed prospecting to gain further knowledge of the geology and mineral potential of the property in light of new regional mapping and to ground truth certain EM conductors and magnetic anomalies detected by the 1994 Jakes Corner Helicopter EM survey.

Work performed consisted of rock sampling, geological mapping and detailed prospecting. The author self-funded the project and performed all work. A total of 80 rock samples were collected and assayed for Au, Pt, Pd and multi-element ICP analysis. As well 36 samples assayed by screened metallica method for Au.

Prospecting and sampling along the Judas Mt. Thrust returned Au values up to 775ppb Au on the Stikinia (Casca-sandstone) side of the thrust to the NE and 260ppb Au on the Cache Creek (gabbro) side to the SW.

These results are considered significant and may indicate that the JMT has considerable potential to host economically viable orogenic gold deposit. Further work is highly recommended in this area with a priority on geological mapping, detailed prospecting and mini-excavator trenching across the JMT.

Sampling was also done on the Hwy Fault Zone, a listwanite fault zone hosted in Cache Creek units which has received detailed work in the past by the author. While results returned were up to 100ppb which match past assays of up to 204ppb Au and shows that the zone does contain elevated gold values, no further work is recommended on this zone at this time.

Other areas sampled during the program returned no significant results and showed that many of the 1995 Jakes Corner helicopter EM survey EM conductors are the result of graphitic pyrite rich argillite units.

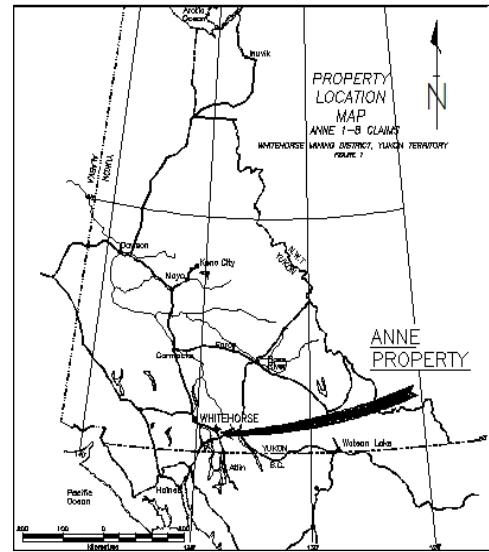
One significant result of 150ppb Au from a gabbro-argillite contact warrants further prospecting in that area.

LOCATION, ACCESS and TENURE

The ANNE 1-6 and LOBO 1-10 claims (the Property) are located 1 km east of the north entrance of Old Constabulary Subdivision, 65km south of Whitehorse at Km 1329 on the Alaska Highway at Marsh Lake.

Whitehorse, Yukon is the Yukon's capital with a population of approximately 35,000 with all the services and amenities of much larger cities. Daily flights to Vancouver, Edmonton and Ottawa are provided by several major and local airlines.

With the exception of a few rocky hills, all areas of the claims are accessible from a numerous networks of local ATV/ 4x4 trails and open bush. No camp will be required. Travel to and from the claims will be done by ATV due to the close proximity of the prospector's home to the property.



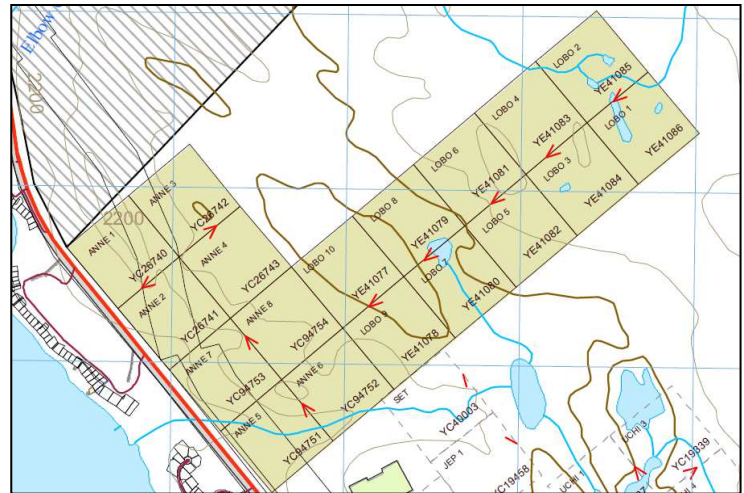
The property consists of the following quartz mining claims, 100% owned by the author.

Grant Number	Name	No.	Owner	Date		
				Recorded	Staking Date	Expire Date
YE41077	LOBO	10	Joseph Clarke - 100%	28/06/2011	23/06/2011	28/06/2015
YE41078	LOBO	9	Joseph Clarke - 100%	28/06/2011	23/06/2011	28/06/2015
YE41079	LOBO	8	Joseph Clarke - 100%	28/06/2011	23/06/2011	28/06/2015
YE41080	LOBO	7	Joseph Clarke - 100%	28/06/2011	23/06/2011	28/06/2015
YE41081	LOBO	6	Joseph Clarke - 100%	28/06/2011	23/06/2011	28/06/2015
YE41082	LOBO	5	Joseph Clarke - 100%	28/06/2011	23/06/2011	28/06/2015
YE41083	LOBO	4	Joseph Clarke - 100%	28/06/2011	23/06/2011	28/06/2015
YE41084	LOBO	3	Joseph Clarke - 100%	28/06/2011	23/06/2011	28/06/2015
YE41085	LOBO	2	Joseph Clarke - 100%	28/06/2011	23/06/2011	28/06/2015
YE41086	LOBO	1	Joseph Clarke - 100%	28/06/2011	23/06/2011	28/06/2015
YC94753	ANNE	7	Joseph Clarke - 100%	30/07/2009	22/07/2009	30/07/2015
YC94752	ANNE	6	Joseph Clarke - 100%	30/07/2009	22/07/2009	30/07/2015
YC94751	ANNE	5	Joseph Clarke - 100%	30/07/2009	22/07/2009	30/07/2015
YC94754	ANNE	8	Joseph Clarke - 100%	30/07/2009	22/07/2009	30/07/2015
YC26743	ANNE	4	Joseph Clarke - 100%	08/04/2004	28/03/2004	08/04/2015
YC26742	ANNE	3	Joseph Clarke - 100%	08/04/2004	28/03/2004	08/04/2015
YC26741	ANNE	2	Joseph Clarke - 100%	08/04/2004	29/03/2004	08/04/2015
YC26740	ANNE	1	Joseph Clarke - 100%	08/04/2004	29/03/2004	08/04/2015

TOPOGRAPHY, CLIMATE

The property is located in the Southern Lakes Region of the Yukon, Territory. This region is part of the headwaters of the 3200 km long Yukon River which empties in the Bering Sea in Alaska.

The topography of the immediate area consists of small 25m to 50m hills and valleys generally running parallel to Marsh Lake. The terrain rises gently from Marsh Lake (elev 2200 ft) for an average of 3km NE of the Alaska Highway, then rises steeply reaching 5800 ft at the peak of Mt. Mitchie.



Several periods of glaciation have rounded the hills and have resulted in moderate to deep deposits of till, clay, and the formation of ancient raised benches. Outcrop exposure is 35% on the property. The entire region was ice covered during the last ice age.

The climate of the area varies with highs of +30C in the summer to lows of -40C during the winter. Typical are long hot summers (May to September) with up to 18 hours of daylight and moderate to harsh winters (October to April) and less than 7 hours of daylight. Overall the climate of the Southern Lakes is considered to be pleasant.

Black spruce is the most common tree species on the property. These favor the NE side of valleys and are a common indicator of local permafrost. More exposed areas have a mixture of white and black spruce with occasional pine. In the most exposed areas aspen colonies are well established. Willow and alder are abundant in the valleys and low areas. Birch can be found in a few isolated locations on the north side of steep cliffs where they are exposed to little sunlight.

Wildlife inhabiting the area is typical of the Southern Yukon and includes moose, wolves, and various small birds and mammals.

EXPLORATION HISTORY

For thousands of years, since the retreat of the last glacial ice, the Southern Lakes area was inhabited by both Dene (Athapaskan) and Tlingit peoples that prospered due to the bountiful hunting and trapping ecological resources of the area. As well, because of the strategic location between the Pacific Coast and the Interior the people of the Southern Lakes region were key players in an extensive historic trade. Their immense knowledge

of the land was invaluable to the European traders that entered the area in the mid-1800s and especially so when placer gold was discovered in 1896 on Bonanza Creek by George and Kate Carmack, Skookum Jim and Dawson Charlie, beginning the famed Klondike Gold Rush.

Hard rock exploration in the Marsh Lake area dates from pre-1886 on the nearby Rossbank Property where growth rings from a small spruce tree growing on the waste rock from a short adit were determined to pre-date the Gold Rush by several years. It can be assumed that early traders and prospectors in the area, familiar with the Motherload district of California, noticed the similarity of the geology and deposit style of the Cache Creek lithology and conducted exploration work.

Only scattered prospecting was performed until the 1980's when exploration activity increased with work on the nearby Bug, Tog, and Rossbank properties.

Mr. Gary Reynolds staked the original Mike 1-8 claims (now Anne 1-4) in 1989 and filed one year assessment work. Mr. Reynolds conducted prospecting and geochemical surveys. Grab samples returned up to 86ppb Au.

The 1994 Jakes Corner Helicopter EM survey revealed several strong EM conductors resulting in the prospector staking the Uchi claims 1.5 km to the northeast. Several other claim groups in the area are active.

YMIP grassroots prospecting grants have been received and successfully completed in 1995, 1997 and 2009 on this and nearby prospects in the Marsh Lake area.

Exploration work by the author to date has consisted of prospecting, geological mapping and hand trenching on the claims. Hand trenching has focused on the Highway Fault Zone in the area of TR95-1 (Main Trench). Other small trenches were dug to expose small splays and to look for various contacts. Results up to 233ppb Au were obtained in the immediate area.

In October, 2008 a small Kubota excavator was used to trench at TR95-1, now known as the 'Main Trench'. A 1-2 meter wide quartz stockwork, with 1% primarily pyrite mineralization was discovered below the main listwanite vein. The stockwork continues into the fault footwall buried by talus. No assays were taken on this trench extension after to 2009.

The LOBO 1-10 claims were staked in June, 2011 with prospecting and mapping conducted between 2011 and 2013. This area was previously covered by the author's Uchi claims.

The area has also recently seen a small staking rush after First Point Mineral's staking of the Mich Property hosting nickel-iron alloy mineral awaruite with nickel grades to 0.14%. First Point conducted a diamond drill program during the summer of 2014.

REGIONAL GEOLOGY

The LOBO claims are located within the Intermontaine Belt of the Yukon Territory. The geology of the NE side of Marsh Lake consist of a tectonic ophiolite assemblage of mafic and ultramafic submarine volcanics, cherts, and up-thrusted and altered ultramafic bodies known collectively as the Cache Creek Group (see fig. 3, 3a).

Intruding the Cache Creek may be various Cretaceous felsic and mafic bodies. The NW-SE trending Marsh Lake Fault is the prominent feature and includes many oblique splay faults forming drainage basins into the lake. These splay fault features are observable at outcrop scale.

The Cache Creek terrane is typified by an oceanic assemblage of massive limestone, ribbon cherts and ophiolite dominantly of mantle harzburgite tectonite, serpentinite mélange, minor gabbro and volcanic rocks. Sequences of chert and limestone accumulated from Mississippian to early Jurassic age. Felsic intrusions in the ophiolite have Permian crystallization ages (Mihalynuk et al., 2003).

South-central Yukon contains multiple segments of terranes accreted to the Laurentian margin in the Cordilleran orogeny. In map-view, the late Paleozoic to early Mesozoic island arc terranes Stikina and Quesnellia, together with the affiliated peri-Laurentian Yukon-Tanana terrane, enclose at the northwestern end pelagic sedimentary rocks, oceanic seamount and ophiolite assemblages, as well as massive carbonate of the exotic Cache Creek terrane. (Bickerton et al. – Cache Creek Terrane, Stikinia, and Overlap Assemblages, Whitehorse and Teslin – Yukon Exploration and Geology 2012)

PROPERTY GEOLOGY

Geology of Property consists of an accreted assemblage of oceanic mafic and ultramafic volcanics, cherts, limestone and ancient serpentinitized peridotites intruded by felsic, mafic to ultramafic dykes, pods and sills, all of the Cache Creek Group (see fig. 4). Cretaceous felsic intrusions occur in some parts of the property. Figure 4 is a compilation showing geological mapping to date. Fig 5 is a detailed map of the Anne Claims. Property geology described below is based on Anne claim mapping but is applicable to the overall geology of the property. Further work is recommended to better understand and describe the geology in future reports.

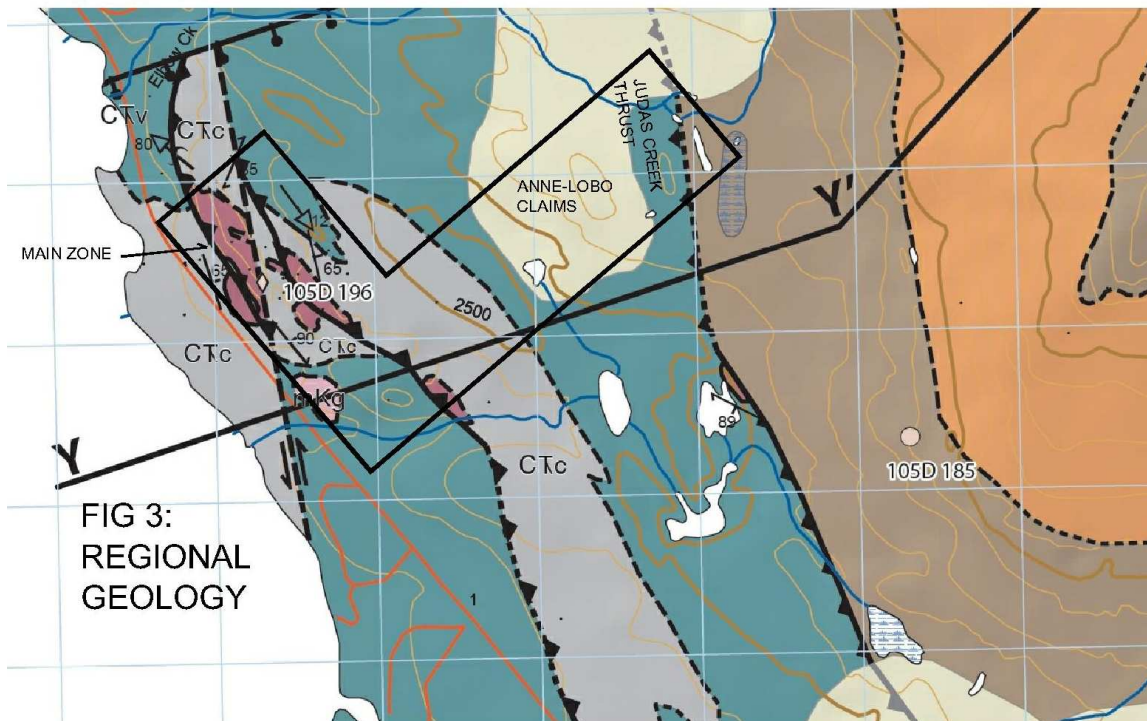


FIG 3:
REGIONAL
GEOLOGY

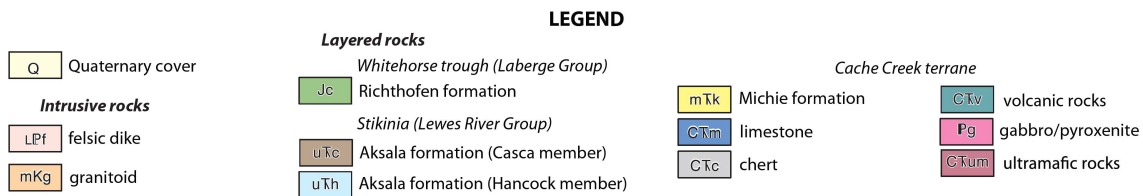
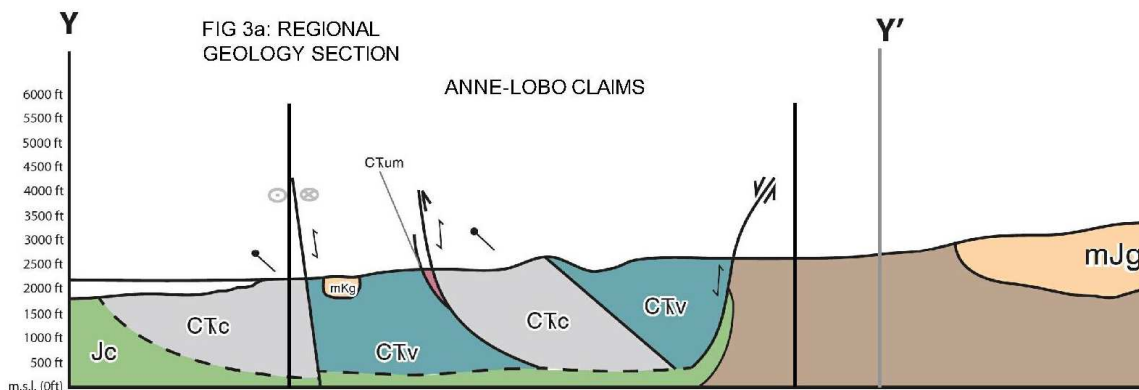


Fig 3: Regional Geology

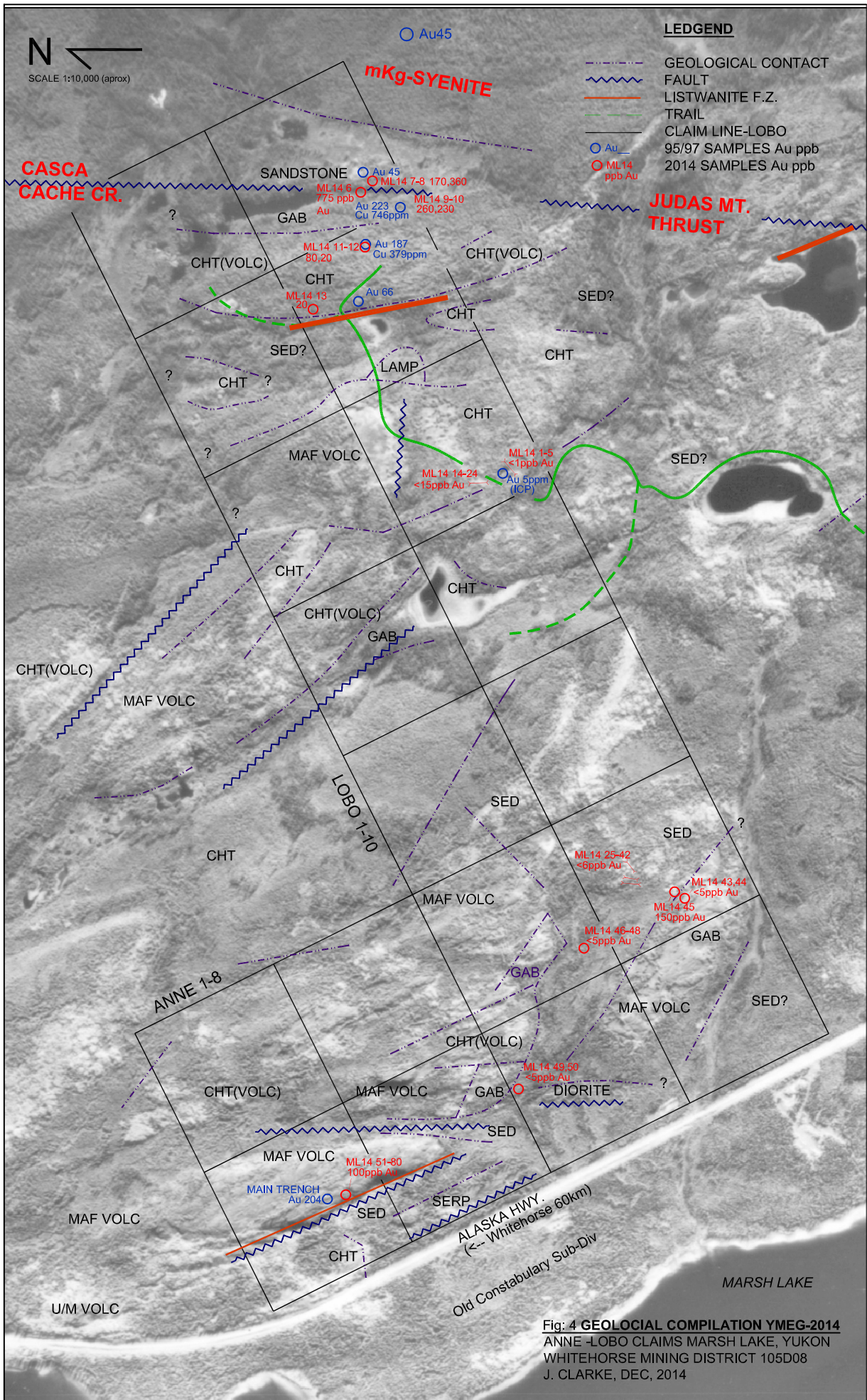


Fig. 4 **GEOLOGICAL COMPILATION YMEG-2014**
 ANNE-LOBO CLAIMS MARSH LAKE, YUKON
 WHITEHORSE MINING DISTRICT 105D08
 J. CLARKE, DEC, 2014

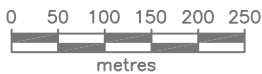
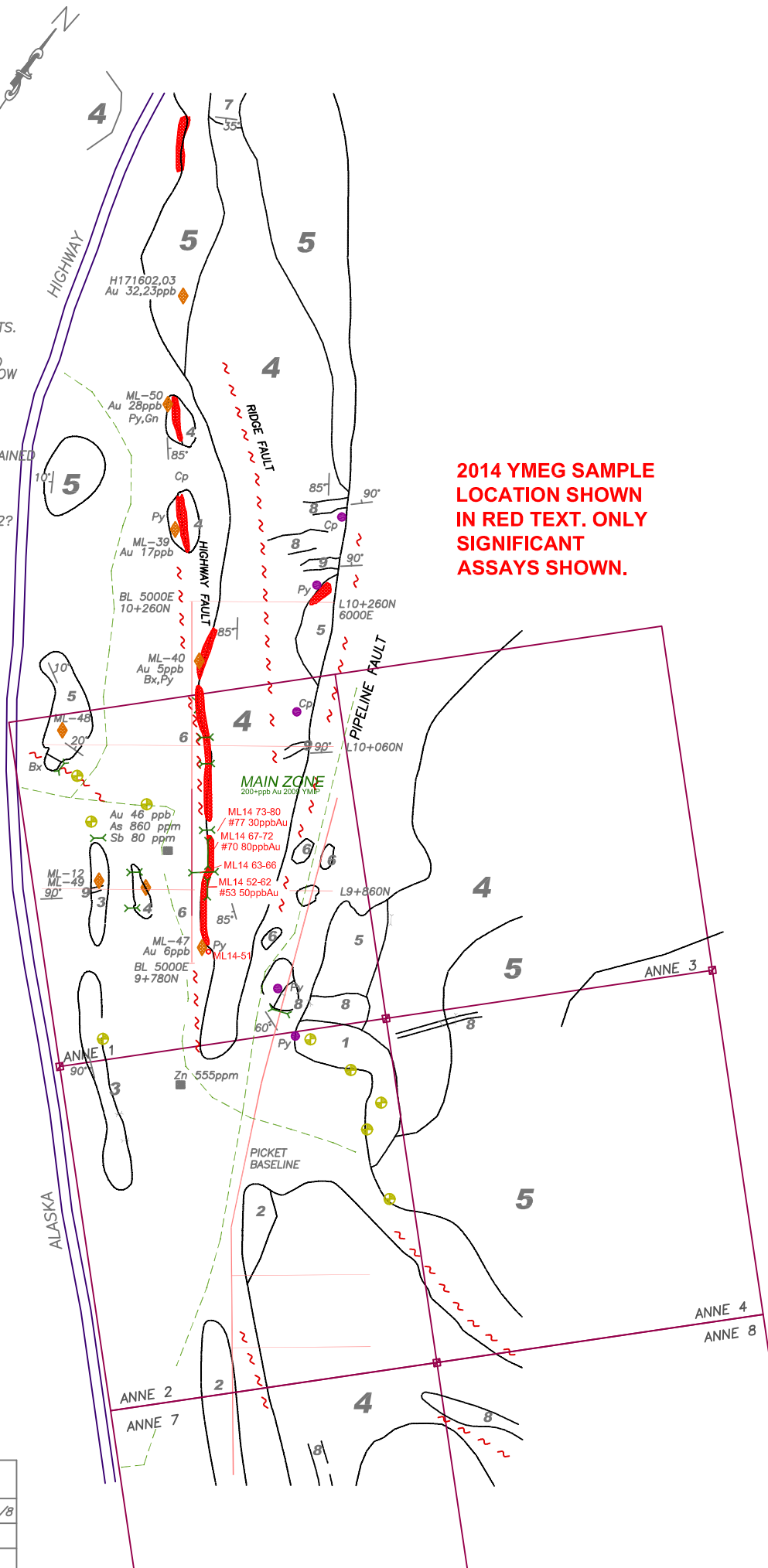
LEGEND

PERMIAN TO TRIASSIC

- 9 DIABASE; FINE TO MEDIUM GRAINED
- 8 LAMPROPHYRE; MEDIUM TO COARSE GRAINED.
- 7 LIMESTONE; DIRTY CRYSTALLINE WITH OCC. CHERT CLASTS.
- 6 SILTSTONE-MUDSTONE, GRAPHITIC PYRITIC
- 5 CHERT; LIGHT COLORED RIBBON CHERT LOCALLY BRECCIATED AT FAULT CONTACTS.
- 4 MAFIC/ULTRAMAFIC VOLCANICS; LIGHT TO HEAVY CHLORITE ALTERED, REMNANT FLOW BANDING AND WEAK PILLOW MARGINS.
- 3 SERPENTINIZED PERIDOTITE; VARIABLY ALTERED AND SHEARED.
- 2 PLAGIOGRANITE; MEDIUM TO COARSE GRAINED WITH FRESH APPEARANCE. MICACEOUS
NOW mKg
- 1 GABBRO; MEDIUM TO COARSE GRAINED, FRESH TO ALTERED, RELATED TO UNIT 2?

- OUTCROP BOUNDARY
- GEOLOGICAL CONTACT
- TRENCH (OLDER)
- TRENCH (2009)
- ⊕ TEST PIT 2009
- ◆ LISTWANITE VEINING/BRECCIATION
- ◆ ROCK SAMPLE, 1995/96
- SOIL SAMPLE, PRE-1995
- ~ FAULT
- 20° STRIKE AND DIP
- CLAIM POST
- - - 4X4 TRAIL
- MINERALIZATION
Py PYRITE
Cp CHALCOPYRITE
Gn GALENA
Bx BRECCIA

2014 YMEG SAMPLE LOCATION SHOWN IN RED TEXT. ONLY SIGNIFICANT ASSAYS SHOWN.

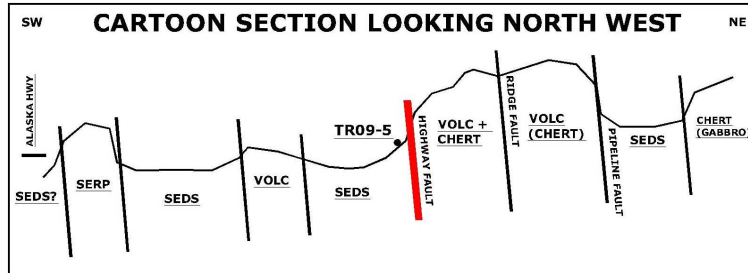


GEOLOGY AFTER WHEELER, 1951

YMP 2015	
MAIN ZONE TRENCH SAMPLE LOCATIONS	
ANNE 1-8 CLAIMS WHITEHORSE MINING DISTRICT 105 D/B	
DRAWN BY: J.A.J. CLARKE	DATE: JANUARY 2015
SCALE: approx. 1:9000	DRAWING NO.: FIG. 5

Structure

Structure of the property is dominated by three vertical, NW trending, steeply dipping faults known as the Highway Fault Zone (HFZ Az 135deg), and the Pipeline Fault Zone (PFZ Az 160deg). A large mafic volcanic package forming a distinct ridge separates the two fault systems by 200-400m. A third strong fault occurs within the mafics just below the crest of the large prominent ridge that is known as the Ridge Fault Zone (RFZ Az 135deg). These three fault zones are splays off the regional Marsh Lake Fault. A strong lineament located at the south east corner of the property runs NS.



Numerous oblique splay faults occur on a smaller scale throughout the property. Further mapping is required to fully understand the structural geology of the property.

Trenching across the Highway Fault revealed brecciation, quartz veining as well as small-scale faulting and folding across 20m. The fault zone continues under talus cover into the sediments, north into Marsh Lake and is clay covered to the south.

Geology

The following units have mapped on the property and in the local area. All are considered to be part of the Cache Creek Terrane with the exception of the granodiorite outcrops on the eastern Anne claims.

Unit 9 – Granodiorite Located at the SE corner of the property is a small body of medium grained Cretaceous granodiorite. It is feldspar rich with hornblende and biotite mica. Trenching and mapping will be required to define the contacts of this intrusion and determine their nature.

Unit 8 – Diabase Several small (< 1m) diabase dikes occur and have been identified intruding both the mafic volcanics, ultramafics and chert units. They appear fresh, unaltered and are moderately silicified. The dikes trend EW and are vertical. The dikes are believed to be mafic hypabyssal intrusion within the ophiolite package. They could also be later post-accretion intrusions.

Unit 7 – Lamprophyre Three different lamprophyre bodies have been mapped on the property. These dikes are assigned to the Cache Creek ophiolite package but could be younger and related to Cretaceous or even Eocene intrusive events.

- A small (< 1m) EW trending vertical dike intrudes serpentinite along the west side of the Pipeline Fault. It is of medium to coarse-grained mafic composition containing well rounded, ocular, easily weathered grains of a micaceous mineral up to 2mm in diameter.
- An irregular shape body of lamprophyre intrudes or is in part accreted to the mafic volcanics, gabbro, and chert. It is light colored with large biotite crystals in a potassium feldspar/pyroxene medium grained matrix. Further mapping is required to determine the true attitude of this body.
- Two small irregular lamprophyre dikes intrude the volcanics, located on the east side of the large volcanic unit between the two fault systems. They are both medium grained with large chrome diopside megacrysts up to 2cm in size. They seem to follow narrow, recessive breaks which appear to be crosscutting shears off the main faults. Further trenching and mapping in these areas is required.

Unit 6 - Limestone Dirty light brown limestone is exposed in a small outcrop at the north end of the property. It has a shallow dip to the NE. This unit is considered to be part of the Cache Creek group.

Unit 5 - Siltstone/Mudstone This unit occurs in low lying areas and is mostly covered by overburden. It is exposed along the Pipeline Fault and in TR09-01-03 and TR09-05-07. It consists of sometimes limey and later silicified siltstones and/or mudstones. This unit represent basinal sediments or interbedded or intercalated sediments.

Unit 4 - Chert This unit occurs throughout the property and is part of the ophiolite package. The chert is highly silicified, well ribboned and varies from light gray-green to dark gray in color. Quartz flooding has resulted in 1-2cm fracture filled veinlets.

Trenching (TR09-04) has revealed an area of brittle fracturing and brecciation of chert in the center of the property west of the Highway Fault. This could represent a fault contact with a serpentinite (Unit 3) outcrop to the south. The occasional grain of pyrite can be found in this unit except where listwanite altered near faulted zones, where up to 1% pyrite occurs as fine grained brass to silver crystals.

Unit 3 – Mafic/Ultramafic Volcanics This is the most well exposed unit on the property. This is the main bulk of the Cache Creek ophiolite package found on the Anne claims. The volcanics are moderately to highly chloritized. Silicification varies from low to locally high. This unit is also well silicified along the hanging wall on the east side of the Highway Fault. Fracturing of the unit at right angles has resulted in a stockwork of >1cm quartz veining with an average distance of 15m east of the fault on the hanging wall. This is well exposed in Trench TR09-06. This package also shows flow banding and occasional pillow margins. It is not uncommon to find bounded slivers of banded chert 1 to 10 meters wide. In some areas it appears as if the mafic volcanics perhaps conformably overlies the chert but more work must be done to determine this relationship.

Unit 2 - Serpentinized Peridotite This unit is exposed in several NS narrow outcrops east of the Alaska Highway. It is carbonate altered with many green patches of serpentine. Quartz veining and mineralization are rare.

Unit 1 – Gabbro A large irregular gabbro body intrudes or is faulted against both the mafic volcanics and the chert units. It is unaltered, medium grained showing a weak columnar structure. Mapping of the contact is required as it is possible this unit may be an interflow intrusion within mafic volcanics.

Vein Geology and Mineralization – Main Zone

The Highway Fault Zone separates Unit 6 (Siltstone/Mudstone) and Unit 4 (Mafic Volcanics). The sediments occur in the footwall at the toe of the slope with mafic volcanics on the hanging wall forming the ridge. Fuchsite alteration is commonly found across the fault.

In the fault zone from hanging wall to foot wall (NE-SW);

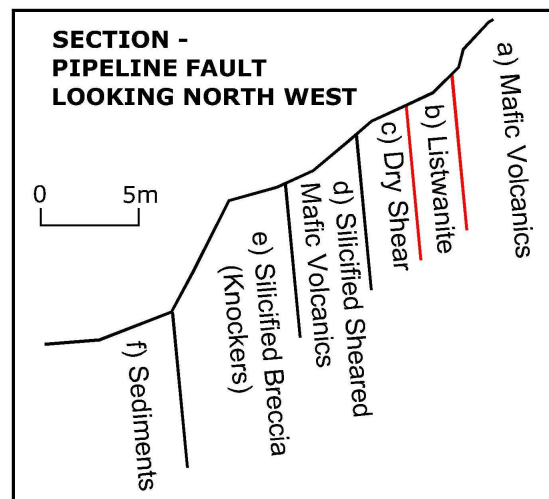
a) Mafic Volcanics – The unit forms the prominent ridge and consist of mostly of mafic volcanics as well as ultra-mafic volcanics and wedges of chert. Close to the listwanite, 1-2 cm quartz veins occurs in fractures. Pyrite occurs in fine disseminations and blebs up to 1%.

b) Listwanite – This 1-2 meter wide unit is composed of white bull quartz and quartz breccia with intense listwanite and dolomite alteration. Fuchsite is pervasive throughout. It contains breccia fragments up to 10cm, vuggy quartz veins and occasional pyrite cubes up to 3mm in size many of which are rusted out. It is the classic listwanite float that occurs throughout the area.

c) Sheared Mafic Volcanics (Dry Shear) – This unit consists of friable very highly sheared mafic volcanics. It is consistently 1 meter wide and lies directly below the listwanite. This sub-unit seems to contain the highest gold values.

d) Silicified Sheared Mafic Volcanics – This unit consists of lightly to highly sheared mafic volcanics. Blocks greater than 1m occur.

e) Silicified Breccia (Mélange/Knockers) – consisting of clasts of massive volcanics, sheared volcanics, chert, sediments. Relatively large (>2m) slabs of massive volcanic



hanging wall are common. A highly silicified breccia occurs consisting of 1mm to 3cm angular fine grained fragments in a dark quartz rich matrix. It has the appearance of a pseudotachylite over a 5-20 cm scale.

Fine grained pyrite varies between 0.5 – 3% with occasional 1-3mm blebs.

f) Sediments This unit consists of 0.5-4cm beds of a grey to dark brown sometimes cherty mudstone to siltstone sediment. It is highly silicified and contains up to 3% pyrite within the fault zone or where a quartz stockwork has developed. Overall this unit contains 0.5-1% pyrite, is limonite stained, well fractured and occurs at the bottom of scraps adjacent to recessive lows.

REASON AND RATIONAL

Significant assay results from past sampling program are listed below. It is obvious that elevated and significant gold values occur on the Property. Sample ML97-09 stands out with the high ICP assay of 5ppm Au.

Anne/LOBO Assay Summary – pre 2014

Sample Number	Location	ppb Au	ppm Ag	ppm Cu	ppm As
ML97-09	LOBO	5ppm ICP	< .5	65	< 5
56602	Main Trench	240	1.2	33.9	82.4
ML97-22	LOBO	223	0.8	746	< 5
ML95-38	Marina	164	0.9	711	9
ML97-12	LOBO	147	0.5	312	< 5
26438	Main Trench NW	105	0.1	52.5	209.6
56603	Main Trench	75	0.3	30.3	40.5
ML97-24	LOBO	66	< .5	155	18
56601	Main Trench	65	0.2	29.4	68.2
ML97-15	LOBO	46	< .5	73	18
ML97-13	Syenite Peg.	44	< .5	65	10
26415	TR09-01	35	0.1	101.1	54.1
ML95-17	LOBO	29	0.6	54	17
ML95-50	LOBO	28	0.0	92	60
26412	TR09-01	25	0.1	44.8	194.9
26434	Main Trench NW	25	<0.1	26.6	116.7
26437	Main Trench NW	25	<0.1	4.2	13.6
56604	Main Trench	25	0.1	37.6	75.7
56611	Main Trench SE	25	0.1	19.5	174.0

26413	TR09-01	20	<0.1	21.3	149.6
56610	Main Trench SE	20	0.1	48.3	235.1
ML97-23	LOBO	20	0.9	379	< 5

Recent government mapping has showing that a major fault thrust exists between metavolcanic rocks of the Cache Creek Terrane and sediments of Stikinia on the LOBO 1-2 claims where past elevated Au samples were collected by the author (see Fig 4).

This thrust has the potential to be a major pathway for auriferous fluids. In light of this and previous assay results and the geology/structure of the property re-assay and detailed prospecting must be conducted to further study the nature of this significant thrust fault and potential economic gold mineralization.

As well, elevated assay results from the Main Zone Trench on the Anne 1-8 claims requires follow up check assays including screening for metallic gold.

General property mapping and compilation of data must be conducted to determine if other 'pathways' exist on the property.

It is expected that this work program will be able to bring the property to option status if significant assay results are returned.

2014 EXPLORATION WORK PROGRAM

The purpose of the 2014 exploration work conducted was to;

- 1) Resampling of past samples to confirm elevated Au values (ML97-22 223 ppb Au and 746 ppm Cu / #56602 Main Zone 240ppb Au)
- 2) Detailed prospecting of the Judas Creek Thrust Fault on the LOBO 1-2 claims
- 3) General mapping of the property
- 4) Prospecting NW-SE along strike of the Judas Mt. Thrust Fault
- 5) Prospecting of untested EM conductors and magnetic anomalies revealed by the 1994 Jakes Corner Helicopter geophysical survey.
- 6) Compilation of new and existing data.

Area 1 – Judas Mt. Thrust (JMT)

Previous sampling in 1995/97 in this area returned the following results:

- 1) 45ppb Au in sandstone on in the Casca NE of side of JMT
- 2) 223ppb Au (746ppm Cu) in gabbro in Cache Creek SW side of JMT
- 3) 187ppb Au in laminated cherty sediments in Cache Creek SW side of JMT

The author along with Mr. Bruce Bark of Marsh Lake spent a day prospecting this area and resampling the above locations with the following results:

- 1) ML14 6-8 775, 170, 360 ppb Au
- 2) ML14 9-10 260,230 ppb Au
- 3) ML14 11-12 80,20 ppb Au

These results show that the JMT has excellent potential to host an orogenic style Au deposit. Further prospecting, geological mapping, sampling and trenching is required across the JMT in this area as well as to the NW and SE.

As well several more claims should be staked to cover open ground along the strike of the JMT.

Area 2 – Chert-Argillite Contact

Sampling in 1995 returned an assay value of 5ppm Au with ICP analysis so samples taken here were to done to confirm that result. Samples 2014 1-5 returned no significant results. It can be assumed that the 1995 elevated Au result is most likely due to a rare speck of native gold from surficial material contaminating the sample. This area covers the faulted contact between chert and argillite units. No significant mineralization or quartz veining was noted.

Also in this area, 50m to the NW, a number of samples were taken to cover the chert/argillite contact noted above. Samples ML14 14-24 returned no significant values with the highest value of 15 ppb Au.

This area should receive further mapping as structural contacts are significant but it is not expected to host significant mineralization or veining. Several EM conductors in this area found with the 1995 Jakes Corner Helicopter EM survey are most likely the result of these graphitic pyrite rich argillites which tend to be recessive.

It should be noted that in 1995/97 approximately 200m to the NW finely laminated bedding was noted in chert/argillite with v.f.g. pyrite up to 5% in layers. This may show that hot springs were possibly active on the sea floor during the time of chert formation. The extent of this sub-unit should be followed up in the future.

Area 3 – Jakes EM Conductor in Argillite

This area was prospected and sample as the 1995 Jakes Helicopter EM survey revealed an EM conductor running NW-SE. Prospecting revealed that the EM conductor is the result of tight folding of graphitic argillite with up to 5% pyrite adjacent to a gabbro intrusive. Samples ML14 24-42 returned no significant results with the highest being 6ppb Au. No further work besides basic geological mapping is recommended here.

Area 4 – Gabbro Argillite Contact

Samples ML14 43-45 were collected at what appears to be a faulted contact between the mica rich gabbro to the NW and argillite to the SE. The fault is subtle with no obvious quartz veining or mineralization. Samples ML14 43 and 44 taken in argillite returned <5ppb Au. However sample ML14 45 taken at the gabbro / argillite contact returned 150ppb Au.

This area has received little prospecting in the past and in the future should be given a more detailed look. The argillite to the SE is recessive and the ground slopes downhill to exposed mafic volcanic outcrop approximately 150m to the SE. This is most likely a faulted contact worthy of further investigation.

Four grab samples were taken along the trail between here and the Hwy Fault Zone. ML14 46-50 taken along the chert/argillite/gabbro contact returned no significant results. This area requires further detailed geological mapping but it is not expected to have much potential.

Area 5 – Hwy Fault Zone

This trenched Listwanite Fault Zone discovered in 1995 and worked since was resampled with screened metallic Au analysis in 2014. No significant results were returned above 100ppb Au however there were a few results in the 20-80ppb Au range. This is in line with past sampling from this zone.

The coarser mesh analysis showed no significant results indicating that a ‘nugget effect’ most likely is not an issue in these listwanite fault zones.

No further work is recommended on this zone with the exception of detailed geological mapping to further add to the knowledge base. It should be noted that this zone is well exposed and is within easy walking distance from the Alaska Hwy and is an excellent example of listwanite fault zones typical of the Cache Creek Terrane in the area.

SUMMARY

Significant results of sampling along the Judas Mt. Thrust with gold values up to 775ppb Au indicated that the JMT has excellent potential to host an economically viable orogenic gold deposit. The results from limited work done in this area in 2014 is the highlight of the YMEG program and in the author's opinion demonstrates that the program was a success.

The following work is recommended:

- 1) Detailed prospecting and geological 400m either side of the JMT
- 2) Sampling of units on both sides of the JMT.
- 3) Mechanical trenching with a small tracked excavator on each side of the JMT. This can easily be done with a small machine as an ATV trail is in place.
- 4) The use of a light RC/RAB type drill assisted by a small excavator should be considered if significant results are returned from the above work.

The potential of the property as a whole could best be evaluated with 4-5 days mapping, sampling and prospecting work led by an experienced geologist with two helpers. Excellent access from the Alaska Hwy and close location to Whitehorse would reduce travel time and maximize field time. It is estimated that such work would cost approximately \$10,000 including assays. Mechanical trenching would be under \$10,000 for a total budget of approximately \$20,000. If assay results are encouraging this area will become a 'drill ready target'.

The other areas sampled this season returned no significant results and future work should be limited to fill-in prospecting along with additional geological mapping to further add to the property compilation.

APPENDIX I – LIST OF FIGURES and PHOTOS

Fig. 1 Location Map

Fig. 2 Claim Location Map

Fig. 3 Regional Geology

Fig. 4 Property Compilation

Fig. 5 Anne Claims Compilation



Main Zone Trenching – 2012



Main Zone Trenching 2012



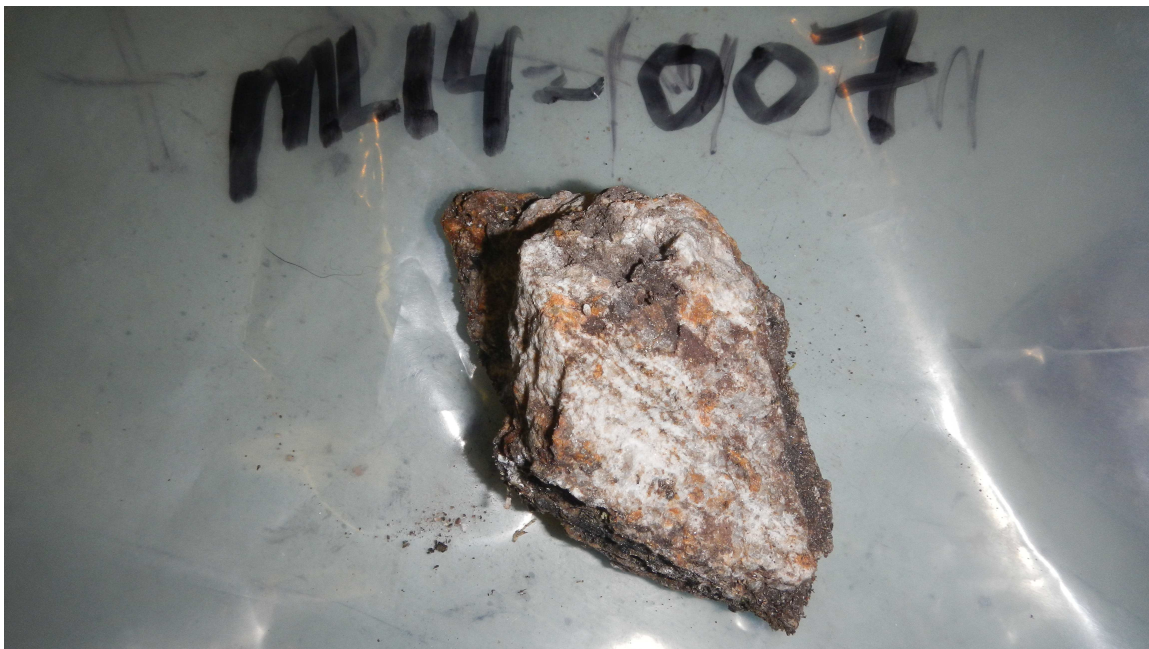
Reclamation at Main Zone with KX121-3 Excavator



Main Zone looking NE – top to bottom: mafic volc., listwanite, sheared mafics, listwanite, sediments.



ML14-006 - f.g. Casca sandstone with f.g. Py – 775ppb Au



ML14-007 - c.g. Casca sandstone with Py blebs 360ppb Au



Sampling graphitic argillite near 1995 Jakes EM conductor



Typical graphitic argillite.



Outcrop on Casca side of Judas Mt. Thrust – ML14 006-008. Bruce Bark for scale.



Sampling Hwy Fault Zone. Trench cuts across fault zone with listwanite breccia at top grading to sheared argillite at bottom.



Hwy Fault Zone sampling along listwanite breccia section.

APPENDIX II – ASSAY RESULTS



5623 McAdam Road
Mississauga, Ontario
L4Z 1N9

Tel:(905) 501-9998
Fax:(905) 501-0589

INVOICE NO.15122052M

Date:05/Jan/15

GST #: R100073238

Customer No	WorkOrder No	Branch	Customer P.O.	Division ID	Acct Code	District	Product
4402307	14Y917357	Y		10		80	0
Date Received	AFE						
14/Nov/14							
Product ID	Product Description				Quantity	Unit Price	Extended Price

RE: Replacement Invoice for #14113927M

201-074	Metals Package by Aqua Regia Digest ICP / ICPMS Finish	44.00	\$19.50	\$858.00
202-056	Trace Au, Pt & Pd by Fire Assay / ICPMS Finish	44.00	\$14.50	\$638.00
224-001	Dry <5 kg, crush to 75% passing 2 mm split to 250-g and pulverize to 85% passing 75 um	44.00	\$6.00	\$264.00
224-022	Batch Fee	1.00	\$0.00	\$0.00

Subtotal: \$1,760.00

 * Should you require any information regarding this analysis, please contact your *
 * Client Project Manager @ (905) 501-9998 *
 * We appreciate and welcome your feedback which can be provided by submitting *
 * a Client Review at <http://www.agatlabs.com/resources/client-forms.cfm> *

GST: \$88.00

TERMS: NET 30 DAYS . INTEREST CHARGED ON OVERDUE ACCOUNTS AT THE RATE OF 2% PER MONTH (24% PER ANNUM).

Total: \$1,848.00

Corporate Office:

JOSEPH CLARKE
BOX 2012
MARSH LAKE YK Y0B1Y2

Invoice To:

JOSEPH CLARKE
BOX 2012
MARSH LAKE YK Y0B1Y2

Attn To: JOE CLARKE



CLIENT NAME: JOSEPH CLARKE
BOX 2012
MARSH LAKE, YK Y0B1Y2
(867) 660-4702

ATTENTION TO: JOE CLARKE

PROJECT:

AGAT WORK ORDER: 14Y917357

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, Data Review Supervisor

DATE REPORTED: Dec 08, 2014

PAGES (INCLUDING COVER): 16

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.



Certificate of Analysis

AGAT WORK ORDER: 14Y917357

PROJECT:

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

CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014					DATE REPORTED: Dec 08, 2014					SAMPLE TYPE: Rock				
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	0.1	
ML14-001 (6089802)	<0.01	0.69	0.6	△	116	0.24	0.14	0.06	0.04	22.5	2.9	43.9	0.31	3.6	
ML14-002 (6089803)	0.06	4.23	0.8	△	93	0.56	0.07	1.13	0.10	41.0	30.6	36.1	0.41	48.4	
ML14-003 (6089804)	0.05	3.50	2.0	△	158	0.57	0.05	1.06	0.09	44.4	27.8	40.6	0.90	29.5	
ML14-004 (6089805)	0.05	3.35	2.5	△	196	0.67	0.16	0.93	0.14	29.6	32.1	46.6	0.53	79.0	
ML14-005 (6089806)	0.01	0.61	1.0	△	163	0.33	0.12	0.07	0.05	23.7	5.3	41.9	0.31	4.7	
ML14-013 (6089807)	0.06	0.99	1070	△	29	0.90	0.68	10.2	0.07	6.44	65.8	949	0.65	36.8	
ML14-014 (6089808)	0.24	0.75	21.4	△	306	0.39	0.27	0.21	0.11	21.1	5.5	33.6	1.52	37.4	
ML14-015 (6089809)	0.23	0.83	5.0	△	2410	0.25	0.26	0.07	0.05	9.88	2.6	51.5	0.54	59.2	
ML14-016 (6089810)	0.11	1.99	10.1	△	187	0.34	0.11	0.93	0.13	15.9	16.0	80.3	0.89	67.4	
ML14-017 (6089811)	0.86	0.64	16.1	△	615	0.33	0.27	0.20	0.13	38.8	1.8	38.4	0.83	25.7	
ML14-018 (6089812)	0.19	2.22	10.0	△	180	0.39	0.12	0.75	0.11	13.0	13.9	78.0	1.78	69.9	
ML14-019 (6089813)	0.30	1.90	5.5	△	1630	0.56	0.22	1.36	0.28	18.0	10.4	80.6	0.98	38.6	
ML14-020 (6089814)	0.24	0.79	2.0	△	373	0.27	0.18	0.17	0.09	11.4	4.2	36.6	0.66	34.6	
ML14-021 (6089815)	0.15	0.46	5.6	△	2120	0.15	0.16	0.58	0.09	6.63	2.5	44.4	0.25	29.7	
ML14-022 (6089816)	0.10	0.88	3.8	△	223	0.31	0.26	0.12	0.06	10.0	2.9	40.1	1.05	55.1	
ML14-023 (6089817)	0.26	0.62	3.8	△	251	0.24	0.28	0.05	0.29	13.5	1.8	26.6	0.88	56.1	
ML14-024 (6089818)	0.26	1.01	5.4	△	455	0.36	0.23	0.09	0.09	10.9	6.2	46.2	0.80	68.9	
ML14-025 (6089819)	0.16	0.85	4.8	△	1090	0.36	0.26	0.08	0.11	19.8	6.5	59.3	0.25	54.4	
ML14-026 (6089820)	0.26	3.43	3.5	△	82	0.74	0.05	0.18	0.10	29.1	32.4	293	1.18	87.2	
ML14-027 (6089821)	0.34	3.03	2.6	△	103	0.68	0.04	0.54	0.09	26.6	25.6	227	1.18	76.9	
ML14-028 (6089822)	0.38	2.07	1.8	△	79	0.54	0.06	0.54	0.10	25.1	16.2	172	1.05	67.3	
ML14-029 (6089823)	0.30	2.81	2.2	△	41	0.61	0.05	0.96	0.11	27.1	26.6	207	0.85	89.4	
ML14-030 (6089824)	0.25	2.92	2.1	△	43	0.62	0.05	0.64	0.12	24.9	25.1	225	1.10	83.6	
ML14-031 (6089825)	0.24	3.23	1.8	△	41	0.65	0.05	0.43	0.12	26.5	25.3	222	1.01	93.8	
ML14-032 (6089826)	0.12	2.82	1.4	△	239	1.11	0.09	4.40	0.32	80.7	35.8	108	1.94	22.3	
ML14-033 (6089827)	0.07	3.54	1.5	△	2700	1.33	0.07	8.30	0.15	78.3	45.0	174	2.65	29.5	
ML14-034 (6089828)	0.26	2.85	4.9	△	79	0.54	0.04	0.65	0.08	25.9	16.7	246	0.84	84.1	
ML14-035 (6089829)	0.27	3.18	2.8	△	124	0.71	0.04	1.03	0.12	27.0	27.2	273	1.17	75.6	
ML14-036 (6089830)	0.41	0.16	2.3	△	1290	0.10	0.05	17.7	0.21	6.74	2.0	19.4	0.07	9.3	
ML14-037 (6089831)	0.42	0.08	2.0	△	2180	0.10	0.05	23.5	0.60	3.55	1.4	13.4	0.05	18.1	
ML14-038 (6089832)	0.65	0.14	3.1	△	1100	0.13	0.07	16.0	0.35	6.41	2.1	21.0	0.10	20.0	
ML14-039 (6089833)	0.36	0.39	2.7	△	847	0.27	0.07	14.5	0.34	8.57	3.5	23.5	0.26	31.3	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917357

PROJECT:

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

CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014										DATE REPORTED: Dec 08, 2014			SAMPLE TYPE: Rock	
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.01	0.01	0.1	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05	0.1	
ML14-040 (6089834)	0.11	2.50	0.3	<5	527	0.58	0.01	4.97	0.08	62.0	37.4	95.8	4.26	60.1	
ML14-041 (6089835)	0.04	2.83	0.4	<5	310	0.68	0.01	8.65	0.30	51.0	43.1	124	2.83	80.8	
ML14-042 (6089836)	0.23	1.45	6.6	<5	208	0.73	0.14	0.97	0.12	16.6	15.0	54.0	0.88	74.7	
ML14-043 (6089837)	0.25	2.64	4.6	<5	609	0.80	0.07	3.73	0.17	58.1	27.4	25.2	2.80	28.8	
ML14-044 (6089838)	0.71	0.56	7.1	<5	944	0.46	0.27	0.17	0.11	29.4	1.7	49.0	1.18	25.4	
ML14-045 (6089839)	0.17	2.73	103	<5	1870	0.85	2.04	2.27	0.16	26.4	31.7	90.8	2.78	116	
ML14-046 (6089840)	0.06	3.23	3.1	<5	374	0.21	0.05	8.17	0.10	6.79	39.9	256	1.28	137	
ML14-047 (6089841)	0.15	0.78	6.9	<5	832	0.31	0.27	0.31	0.15	30.8	5.1	20.5	0.49	45.3	
ML14-048 (6089842)	0.09	2.17	1.2	45	1610	0.80	0.05	1.82	0.04	23.9	26.6	30.0	3.29	115	
ML14-049 (6089843)	0.14	1.74	4.3	7	297	1.51	0.23	5.40	0.14	44.8	40.0	65.5	1.59	130	
ML14-050 (6089844)	0.09	0.19	2.6	<5	2570	0.19	0.15	0.05	0.13	12.9	3.5	38.0	0.37	37.5	
ML14-051 (6089845)	0.04	3.95	0.8	14	113	0.23	<0.01	5.93	0.11	7.11	34.1	100	0.70	76.9	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917357

PROJECT:

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

CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014

DATE RECEIVED: Nov 14, 2014

DATE REPORTED: Dec 08, 2014

SAMPLE TYPE: Rock

Analyte:	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
RDL:	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01	0.05
ML14-001 (6089802)	1.56	3.47	0.06	0.08	<0.01	0.015	0.16	9.8	5.8	0.38	171	1.57	<0.01	0.24
ML14-002 (6089803)	7.08	13.9	0.22	0.30	<0.01	0.034	0.13	21.2	26.9	4.27	1520	0.82	0.01	3.44
ML14-003 (6089804)	6.22	12.4	0.21	0.26	<0.01	0.034	0.14	22.9	25.2	3.46	1770	1.90	0.01	2.87
ML14-004 (6089805)	6.31	13.9	0.22	0.17	<0.01	0.041	0.21	16.1	23.0	2.81	1620	1.56	0.01	2.63
ML14-005 (6089806)	1.65	2.92	0.06	0.09	<0.01	0.019	0.14	10.4	4.7	0.33	258	1.40	0.01	0.28
ML14-013 (6089807)	3.06	5.01	0.10	0.05	0.01	0.030	0.04	3.3	11.1	6.53	1800	1.15	<0.01	<0.05
ML14-014 (6089808)	2.31	3.53	0.07	0.16	0.02	0.032	0.31	11.1	5.6	0.60	228	12.2	0.01	1.81
ML14-015 (6089809)	2.31	4.08	0.07	0.12	<0.01	0.028	0.16	5.2	6.2	0.60	146	2.36	<0.01	2.03
ML14-016 (6089810)	4.25	10.4	0.12	0.19	0.01	0.049	0.12	7.4	13.2	1.81	1040	4.24	0.03	0.33
ML14-017 (6089811)	1.92	3.62	0.08	0.20	0.14	0.030	0.21	21.2	7.2	0.64	180	18.9	0.01	0.53
ML14-018 (6089812)	4.58	11.4	0.16	0.27	0.01	0.056	0.28	5.5	13.3	1.96	974	4.41	0.03	0.36
ML14-019 (6089813)	2.69	7.77	0.10	0.21	0.03	0.043	0.16	8.9	23.7	2.86	703	14.2	<0.01	1.10
ML14-020 (6089814)	1.67	3.83	0.07	0.14	0.02	0.029	0.12	5.3	9.0	0.92	218	8.07	<0.01	1.16
ML14-021 (6089815)	1.11	2.72	0.05	0.06	0.01	0.018	0.07	3.1	4.0	0.40	233	2.92	<0.01	1.28
ML14-022 (6089816)	2.04	3.97	0.07	0.14	<0.01	0.031	0.15	4.7	6.6	0.65	116	1.98	<0.01	1.73
ML14-023 (6089817)	1.57	3.10	0.06	0.31	0.02	0.022	0.18	7.1	7.3	0.57	122	7.18	0.01	3.13
ML14-024 (6089818)	2.31	4.36	0.08	0.16	<0.01	0.029	0.16	5.3	7.7	0.72	168	2.53	<0.01	0.98
ML14-025 (6089819)	2.16	5.78	0.08	0.11	0.03	0.039	0.14	9.5	6.7	0.73	207	3.40	<0.01	0.16
ML14-026 (6089820)	9.81	18.4	0.17	0.07	0.08	0.097	0.11	13.2	30.1	2.00	479	0.99	0.02	0.17
ML14-027 (6089821)	8.21	17.8	0.17	0.06	0.06	0.088	0.10	11.9	26.0	1.82	430	0.96	0.02	0.15
ML14-028 (6089822)	6.58	13.8	0.13	0.07	0.07	0.077	0.13	11.9	14.4	1.08	260	1.31	0.03	0.13
ML14-029 (6089823)	8.00	15.7	0.17	0.06	0.05	0.086	0.10	12.1	20.7	1.58	520	0.96	0.02	0.12
ML14-030 (6089824)	7.81	16.7	0.16	0.05	0.03	0.089	0.10	11.1	21.3	1.62	504	0.90	0.02	0.07
ML14-031 (6089825)	8.17	17.8	0.19	0.13	0.05	0.092	0.09	11.4	23.4	2.05	545	1.22	0.02	0.30
ML14-032 (6089826)	5.73	17.3	0.20	0.47	0.03	0.074	0.18	38.9	16.2	3.27	1160	1.85	0.03	3.36
ML14-033 (6089827)	6.70	18.0	0.20	0.33	0.02	0.068	0.13	37.9	24.4	4.39	1290	1.14	0.02	2.14
ML14-034 (6089828)	7.85	16.6	0.15	0.07	0.04	0.090	0.10	12.5	22.4	1.61	394	1.02	0.02	0.16
ML14-035 (6089829)	8.09	18.1	0.17	0.11	0.03	0.095	0.09	12.2	24.4	2.03	575	1.42	0.02	0.14
ML14-036 (6089830)	0.42	0.80	<0.05	0.07	0.04	0.011	0.02	8.4	2.1	0.25	212	1.50	<0.01	0.48
ML14-037 (6089831)	0.27	0.40	<0.05	0.06	0.04	0.011	0.03	9.3	0.7	0.22	153	2.46	<0.01	0.24
ML14-038 (6089832)	0.50	0.88	<0.05	0.04	0.04	0.017	0.03	8.9	1.7	0.22	157	1.81	<0.01	0.11
ML14-039 (6089833)	0.91	2.34	<0.05	0.07	0.01	0.019	0.06	13.6	4.8	0.49	245	2.29	<0.01	0.06

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917357

PROJECT:

5623 McADAM ROAD
 MISSISSAUGA, ONTARIO
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CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014

DATE RECEIVED: Nov 14, 2014

DATE REPORTED: Dec 08, 2014

SAMPLE TYPE: Rock

Analyte:	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
RDL:	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01	0.05
Sample ID (AGAT ID)														
ML14-040 (6089834)	6.74	16.5	0.21	0.73	0.03	0.077	0.22	27.7	9.5	2.26	1190	0.86	0.05	1.93
ML14-041 (6089835)	6.58	16.4	0.19	0.39	<0.01	0.071	0.11	23.4	15.9	2.40	1190	1.20	0.03	0.80
ML14-042 (6089836)	2.93	8.81	0.11	0.35	0.04	0.035	0.15	9.4	10.8	1.32	492	1.44	0.03	0.39
ML14-043 (6089837)	5.84	15.5	0.17	0.37	0.05	0.069	0.46	27.0	9.1	2.93	760	5.10	0.03	1.89
ML14-044 (6089838)	1.85	5.33	0.07	0.46	0.05	0.041	0.27	17.6	2.9	0.43	69	10.8	0.02	2.13
ML14-045 (6089839)	5.67	11.4	0.16	0.48	<0.01	0.045	1.02	13.3	14.6	2.89	1090	1.64	0.03	0.51
ML14-046 (6089840)	6.47	12.3	0.16	0.23	0.01	0.055	0.03	2.7	35.0	4.05	3050	0.63	0.02	0.11
ML14-047 (6089841)	2.53	2.75	0.08	0.14	0.13	0.026	0.21	17.1	4.8	0.41	111	6.29	<0.01	0.08
ML14-048 (6089842)	4.93	9.27	0.16	0.33	<0.01	0.015	0.81	11.7	9.6	1.74	939	0.53	0.03	0.47
ML14-049 (6089843)	6.50	8.57	0.15	0.24	0.03	0.056	0.44	20.7	16.3	3.17	1320	3.31	<0.01	0.38
ML14-050 (6089844)	1.09	0.83	<0.05	0.11	0.04	0.017	0.08	6.2	0.9	0.09	80	2.32	<0.01	0.19
ML14-051 (6089845)	5.83	12.1	0.22	0.33	0.01	0.031	0.05	2.5	11.2	2.90	1010	0.37	0.02	0.23

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917357

PROJECT:

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CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014							DATE REPORTED: Dec 08, 2014				SAMPLE TYPE: Rock			
Analyte:	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.1	
ML14-001 (6089802)	12.0	194	2.1	7.4	<0.001	<0.005	0.06	2.5	0.9	0.2	2.8	<0.01	0.12	4.5	
ML14-002 (6089803)	52.4	3950	4.9	5.9	<0.001	0.015	0.12	7.1	2.0	0.4	27.5	0.10	0.13	7.8	
ML14-003 (6089804)	43.8	3830	5.5	7.3	<0.001	0.013	0.18	7.0	2.3	0.4	26.1	0.07	0.08	6.5	
ML14-004 (6089805)	71.4	2370	10.1	8.5	0.001	0.029	0.32	8.6	2.8	0.7	20.5	0.04	0.08	11.1	
ML14-005 (6089806)	21.9	232	2.1	6.7	<0.001	<0.005	0.12	3.5	1.1	<0.2	3.7	<0.01	0.04	5.2	
ML14-013 (6089807)	1150	65	5.3	2.2	0.001	0.468	24.4	10.3	3.8	0.2	1160	<0.01	0.23	1.4	
ML14-014 (6089808)	16.3	811	12.0	18.7	0.004	0.312	0.96	3.9	1.9	0.5	34.6	<0.01	0.12	9.3	
ML14-015 (6089809)	10.4	277	8.4	7.3	0.002	0.099	0.45	3.9	1.7	0.4	12.9	<0.01	0.10	5.6	
ML14-016 (6089810)	29.9	712	4.4	7.5	0.004	0.076	0.21	17.0	3.1	0.6	53.5	<0.01	0.10	2.5	
ML14-017 (6089811)	28.5	356	16.9	12.9	0.005	0.137	3.87	3.6	1.8	0.5	30.7	<0.01	0.05	6.1	
ML14-018 (6089812)	26.2	851	4.4	18.1	0.003	0.040	0.24	21.9	2.6	0.7	36.6	<0.01	0.10	2.9	
ML14-019 (6089813)	67.3	672	8.9	8.9	0.007	0.132	0.75	6.7	3.1	0.8	60.0	<0.01	0.08	6.2	
ML14-020 (6089814)	17.7	403	5.6	6.9	0.003	0.169	0.25	3.7	2.2	0.3	20.8	<0.01	0.04	5.1	
ML14-021 (6089815)	9.5	208	4.8	3.4	<0.001	0.065	0.26	3.1	1.2	0.2	41.4	<0.01	0.09	2.0	
ML14-022 (6089816)	10.6	267	6.2	9.9	0.001	0.026	0.17	3.7	1.4	0.4	9.3	<0.01	0.06	6.0	
ML14-023 (6089817)	10.2	232	6.1	10.8	0.001	0.129	0.55	3.4	2.5	0.5	12.7	<0.01	0.06	6.6	
ML14-024 (6089818)	19.3	211	6.9	9.9	0.004	0.039	0.27	3.9	2.4	0.4	10.2	<0.01	0.07	5.7	
ML14-025 (6089819)	22.3	206	6.1	5.4	0.004	0.214	0.34	4.7	1.7	0.3	17.9	<0.01	0.08	5.0	
ML14-026 (6089820)	140	1280	6.7	5.1	0.004	0.472	0.22	15.8	3.7	0.9	14.9	<0.01	0.24	1.7	
ML14-027 (6089821)	102	1200	5.3	4.8	0.004	0.473	0.33	15.1	4.0	1.0	36.8	<0.01	0.16	1.3	
ML14-028 (6089822)	68.8	1070	5.3	6.1	0.008	0.395	0.54	12.0	4.9	0.9	33.8	<0.01	0.12	1.3	
ML14-029 (6089823)	96.0	1230	5.6	4.7	0.004	0.279	0.23	14.0	3.8	0.9	47.1	<0.01	0.19	1.3	
ML14-030 (6089824)	100	1240	4.1	5.1	0.005	0.432	0.22	15.3	4.0	0.9	21.6	<0.01	0.11	1.3	
ML14-031 (6089825)	94.7	1210	4.1	4.6	0.004	0.516	0.16	14.9	3.3	0.9	12.4	<0.01	0.10	1.3	
ML14-032 (6089826)	120	2730	9.3	12.3	0.003	0.081	0.12	5.1	2.5	1.0	280	0.04	0.14	5.2	
ML14-033 (6089827)	189	3080	5.7	9.6	<0.001	0.186	0.10	7.6	3.2	0.7	390	0.02	0.20	4.9	
ML14-034 (6089828)	68.0	1240	4.7	4.6	0.006	0.224	0.18	15.3	2.9	1.0	32.8	<0.01	0.09	1.5	
ML14-035 (6089829)	107	1290	4.4	4.3	0.005	0.423	0.15	17.1	3.8	1.1	49.7	<0.01	0.10	1.4	
ML14-036 (6089830)	8.0	197	1.8	0.7	0.005	0.293	0.39	4.5	3.4	<0.2	676	<0.01	0.14	0.6	
ML14-037 (6089831)	8.5	489	1.4	1.3	0.008	0.372	0.48	4.5	4.3	<0.2	1020	<0.01	0.16	0.6	
ML14-038 (6089832)	9.2	258	2.5	1.2	0.007	0.344	0.51	4.6	3.2	<0.2	564	<0.01	0.06	0.9	
ML14-039 (6089833)	10.7	543	3.8	3.0	0.007	0.344	0.45	6.6	3.7	<0.2	408	<0.01	0.03	1.5	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917357

PROJECT:

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CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014							DATE REPORTED: Dec 08, 2014				SAMPLE TYPE: Rock			
Analyte:	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.1	
ML14-040 (6089834)	88.1	2520	1.1	22.2	<0.001	0.068	<0.05	16.5	2.1	0.6	169	0.03	0.09	2.6	
ML14-041 (6089835)	123	2170	0.8	14.2	0.002	0.111	0.25	19.0	3.3	0.6	320	<0.01	0.07	2.1	
ML14-042 (6089836)	36.7	1170	16.4	8.7	0.003	0.251	0.54	10.8	2.3	0.4	47.1	<0.01	<0.01	2.5	
ML14-043 (6089837)	29.5	2480	5.3	38.6	0.003	0.099	0.54	9.5	3.6	0.7	159	<0.01	0.08	3.4	
ML14-044 (6089838)	6.4	452	9.4	21.0	0.008	0.230	0.87	6.7	3.3	0.8	19.5	<0.01	0.05	6.1	
ML14-045 (6089839)	34.1	3850	16.0	51.9	<0.001	0.066	0.22	23.1	2.4	0.5	112	<0.01	0.23	6.6	
ML14-046 (6089840)	71.8	421	0.5	2.0	0.002	0.109	<0.05	44.7	2.8	0.3	479	<0.01	0.23	0.9	
ML14-047 (6089841)	12.5	983	11.9	7.3	0.007	0.138	1.14	3.7	1.9	0.3	44.7	<0.01	0.03	8.0	
ML14-048 (6089842)	32.3	3800	14.5	46.9	<0.001	0.032	<0.05	6.7	2.1	0.4	211	<0.01	0.06	6.4	
ML14-049 (6089843)	34.3	7270	12.6	43.1	0.001	1.06	2.01	31.0	3.5	0.5	564	<0.01	0.12	11.5	
ML14-050 (6089844)	12.0	148	3.8	3.7	0.002	0.084	2.21	3.3	0.8	<0.2	20.4	<0.01	0.02	2.4	
ML14-051 (6089845)	53.3	479	0.6	4.3	<0.001	0.083	0.14	15.6	2.7	0.5	40.0	<0.01	0.15	0.8	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917357

PROJECT:

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CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014				DATE REPORTED: Dec 08, 2014				SAMPLE TYPE: Rock
Analyte:	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
Sample ID (AGAT ID)									
ML14-001 (6089802)	0.008	0.05	0.22	26.6	0.08	2.63	28.9	<0.5	
ML14-002 (6089803)	0.223	0.05	0.32	93.6	0.35	9.56	105	4.8	
ML14-003 (6089804)	0.216	0.06	0.36	92.0	0.68	10.4	130	7.1	
ML14-004 (6089805)	0.401	0.11	0.51	134	0.56	8.36	143	3.1	
ML14-005 (6089806)	0.012	0.05	0.23	22.8	0.12	3.71	40.6	0.8	
ML14-013 (6089807)	<0.005	0.08	0.45	61.8	0.07	5.83	19.5	<0.5	
ML14-014 (6089808)	0.106	0.24	1.44	33.8	0.45	6.21	41.4	2.9	
ML14-015 (6089809)	0.107	0.08	0.53	28.0	0.38	2.96	34.5	2.4	
ML14-016 (6089810)	0.154	0.09	0.45	152	0.52	11.9	82.9	3.3	
ML14-017 (6089811)	0.018	0.42	1.12	48.5	0.19	6.57	19.0	6.5	
ML14-018 (6089812)	0.237	0.23	0.40	182	0.61	14.0	68.9	4.5	
ML14-019 (6089813)	0.144	0.18	1.16	90.5	0.46	10.2	76.5	6.0	
ML14-020 (6089814)	0.071	0.10	0.70	37.3	0.27	5.47	39.3	3.5	
ML14-021 (6089815)	0.036	0.04	0.22	22.5	0.15	3.51	31.0	1.6	
ML14-022 (6089816)	0.088	0.08	0.37	22.3	0.24	3.94	38.0	3.3	
ML14-023 (6089817)	0.162	0.16	0.80	27.0	0.82	3.56	29.1	6.7	
ML14-024 (6089818)	0.063	0.10	0.36	28.7	0.23	5.23	52.2	3.4	
ML14-025 (6089819)	<0.005	0.04	0.20	48.6	0.08	2.94	54.4	2.6	
ML14-026 (6089820)	0.013	0.04	0.10	227	<0.05	6.61	133	1.4	
ML14-027 (6089821)	0.013	0.03	0.09	213	<0.05	6.58	115	1.4	
ML14-028 (6089822)	0.013	0.04	0.19	173	<0.05	5.24	98.8	1.4	
ML14-029 (6089823)	0.026	0.04	0.10	201	<0.05	7.06	121	1.2	
ML14-030 (6089824)	0.017	0.04	0.11	210	<0.05	6.51	116	1.2	
ML14-031 (6089825)	0.150	0.03	0.11	210	<0.05	7.71	121	2.2	
ML14-032 (6089826)	0.353	0.15	0.60	97.2	0.79	7.97	146	10.7	
ML14-033 (6089827)	0.321	0.13	0.39	123	0.47	9.83	126	7.1	
ML14-034 (6089828)	0.021	0.03	0.14	207	<0.05	5.92	108	1.7	
ML14-035 (6089829)	0.051	0.04	0.14	233	<0.05	7.37	120	1.8	
ML14-036 (6089830)	0.007	0.03	0.40	10.4	<0.05	14.1	32.3	1.5	
ML14-037 (6089831)	<0.005	0.04	1.07	13.5	<0.05	18.5	40.3	1.3	
ML14-038 (6089832)	<0.005	0.04	0.44	13.4	<0.05	16.7	48.4	1.2	
ML14-039 (6089833)	<0.005	0.04	0.51	24.7	<0.05	22.4	45.0	1.6	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917357

PROJECT:

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CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014				DATE REPORTED: Dec 08, 2014				SAMPLE TYPE: Rock
Analyte:	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
Sample ID (AGAT ID)									
ML14-040 (6089834)	0.468	0.20	0.22	194	0.13	15.4	93.7	12.6	
ML14-041 (6089835)	0.359	0.17	0.27	214	0.10	13.1	117	8.1	
ML14-042 (6089836)	0.109	0.07	0.41	87.4	0.19	9.35	83.1	7.0	
ML14-043 (6089837)	0.406	0.54	0.75	201	0.21	7.46	86.3	7.7	
ML14-044 (6089838)	0.133	0.30	1.14	64.2	0.18	5.71	28.7	6.8	
ML14-045 (6089839)	0.281	0.59	0.85	255	0.32	9.94	59.5	11.6	
ML14-046 (6089840)	0.327	0.04	0.14	268	0.13	14.4	64.2	4.1	
ML14-047 (6089841)	<0.005	0.14	1.19	22.7	<0.05	8.13	49.0	3.7	
ML14-048 (6089842)	0.215	0.33	0.61	176	0.17	8.28	65.2	8.9	
ML14-049 (6089843)	0.087	0.16	2.09	211	0.29	14.7	81.1	7.0	
ML14-050 (6089844)	<0.005	0.05	0.19	6.9	0.14	2.18	45.5	2.1	
ML14-051 (6089845)	0.323	0.03	0.16	164	<0.05	12.7	65.9	6.6	

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917357

PROJECT:

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CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(202-056) Fire Assay - Au, Pt, Pd Trace Levels, ICP-MS finish

DATE SAMPLED: Nov 18, 2014

DATE RECEIVED: Nov 14, 2014

DATE REPORTED: Dec 08, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg	Au ppm	Pd ppm	Pt ppm
ML14-001 (6089802)		2.26	<0.001	<0.001	0.0014
ML14-002 (6089803)		2.70	<0.001	<0.001	0.0013
ML14-003 (6089804)		2.50	<0.001	<0.001	0.0041
ML14-004 (6089805)		3.82	<0.001	<0.001	0.0019
ML14-005 (6089806)		3.45	<0.001	<0.001	<0.0005
ML14-013 (6089807)		2.37	0.020	0.003	0.0113
ML14-014 (6089808)		2.57	<0.001	0.001	0.0026
ML14-015 (6089809)		2.50	0.015	0.002	<0.0005
ML14-016 (6089810)		1.96	<0.001	0.001	<0.0005
ML14-017 (6089811)		1.80	0.011	<0.001	0.0035
ML14-018 (6089812)		2.58	<0.001	0.002	<0.0005
ML14-019 (6089813)		2.67	0.001	0.002	0.0069
ML14-020 (6089814)		3.06	<0.001	<0.001	0.0010
ML14-021 (6089815)		2.70	0.004	<0.001	<0.0005
ML14-022 (6089816)		2.97	0.006	0.001	<0.0005
ML14-023 (6089817)		2.83	0.002	0.002	<0.0005
ML14-024 (6089818)		2.27	0.013	0.002	0.0030
ML14-025 (6089819)		2.66	0.005	0.001	0.0049
ML14-026 (6089820)		1.81	<0.001	0.001	0.0005
ML14-027 (6089821)		2.15	<0.001	0.002	0.0009
ML14-028 (6089822)		1.89	<0.001	<0.001	0.0049
ML14-029 (6089823)		1.87	<0.001	<0.001	0.0091
ML14-030 (6089824)		2.21	<0.001	0.002	0.0043
ML14-031 (6089825)		1.89	<0.001	<0.001	<0.0005
ML14-032 (6089826)		1.85	<0.001	<0.001	<0.0005
ML14-033 (6089827)		2.77	<0.001	<0.001	<0.0005
ML14-034 (6089828)		2.20	<0.001	0.002	0.0151
ML14-035 (6089829)		2.57	<0.001	0.001	0.0089
ML14-036 (6089830)		2.50	0.001	<0.001	<0.0005
ML14-037 (6089831)		3.14	0.002	<0.001	0.0020
ML14-038 (6089832)		2.37	0.002	<0.001	<0.0005

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917357

PROJECT:

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

CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(202-056) Fire Assay - Au, Pt, Pd Trace Levels, ICP-MS finish

DATE SAMPLED: Nov 18, 2014

DATE RECEIVED: Nov 14, 2014

DATE REPORTED: Dec 08, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au	Pd	Pt
Unit:	kg	ppm	ppm	ppm
RDL:	0.01	0.001	0.001	0.0005
Sample ID (AGAT ID)				
ML14-039 (6089833)	2.73	0.003	<0.001	<0.0005
ML14-040 (6089834)	2.24	<0.001	<0.001	0.0019
ML14-041 (6089835)	2.11	<0.001	<0.001	0.0021
ML14-042 (6089836)	2.22	0.006	0.003	0.0018
ML14-043 (6089837)	2.56	<0.001	<0.001	<0.0005
ML14-044 (6089838)	3.64	0.005	0.001	0.0080
ML14-045 (6089839)	2.38	0.150	0.006	0.0051
ML14-046 (6089840)	2.85	0.002	0.016	0.0133
ML14-047 (6089841)	2.29	0.002	0.002	0.0056
ML14-048 (6089842)	2.14	<0.001	0.005	0.0105
ML14-049 (6089843)	1.77	<0.001	0.009	0.0102
ML14-050 (6089844)	2.18	0.004	<0.001	0.0017
ML14-051 (6089845)	2.74	<0.001	0.005	0.0095

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	6089802	< 0.01	< 0.01	0.0%	6089821	0.339	0.335	1.2%	6089840	0.06	0.03					
Al	6089802	0.69	0.66	4.4%	6089821	3.03	3.06	1.0%	6089840	3.23	3.12	3.5%				
As	6089802	0.6	0.6	0.0%	6089821	2.55	2.53	0.8%	6089840	3.05	2.40	23.9%				
B	6089802	< 5	< 5	0.0%	6089821	< 5	< 5	0.0%	6089840	< 5	< 5	0.0%				
Ba	6089802	116	111	4.4%	6089821	103	104	1.0%	6089840	374	365	2.4%				
Be	6089802	0.235	0.231	1.7%	6089821	0.68	0.66	3.0%	6089840	0.21	0.23	9.1%				
Bi	6089802	0.14	0.14	0.0%	6089821	0.04	0.04	0.0%	6089840	0.05	0.02					
Ca	6089802	0.056	0.052	7.4%	6089821	0.544	0.549	0.9%	6089840	8.17	7.94	2.9%				
Cd	6089802	0.04	0.04	0.0%	6089821	0.09	0.09	0.0%	6089840	0.103	0.095	8.1%				
Ce	6089802	22.5	22.5	0.0%	6089821	26.6	26.6	0.0%	6089840	6.79	6.80	0.1%				
Co	6089802	2.9	2.8	3.5%	6089821	25.6	25.1	2.0%	6089840	39.9	40.4	1.2%				
Cr	6089802	43.9	44.8	2.0%	6089821	227	227	0.0%	6089840	256	256	0.0%				
Cs	6089802	0.31	0.31	0.0%	6089821	1.18	1.16	1.7%	6089840	1.28	1.30	1.6%				
Cu	6089802	3.6	2.8		6089821	76.9	79.1	2.8%	6089840	137	133	3.0%				
Fe	6089802	1.56	1.55	0.6%	6089821	8.21	8.27	0.7%	6089840	6.47	6.22	3.9%				
Ga	6089802	3.47	3.61	4.0%	6089821	17.8	17.1	4.0%	6089840	12.3	12.5	1.6%				
Ge	6089802	0.06	0.06	0.0%	6089821	0.168	0.160	4.9%	6089840	0.16	0.16	0.0%				
Hf	6089802	0.081	0.064	23.4%	6089821	0.055	0.050	9.5%	6089840	0.227	0.220	3.1%				
Hg	6089802	< 0.01	0.01		6089821	0.06	0.06	0.0%	6089840	0.01	0.02					
In	6089802	0.0155	0.0157	1.3%	6089821	0.088	0.088	0.0%	6089840	0.055	0.053	3.7%				
K	6089802	0.156	0.152	2.6%	6089821	0.10	0.10	0.0%	6089840	0.03	0.03	0.0%				
La	6089802	9.8	9.5	3.1%	6089821	11.9	11.9	0.0%	6089840	2.7	2.7	0.0%				
Li	6089802	5.8	5.9	1.7%	6089821	26.0	26.1	0.4%	6089840	35.0	35.6	1.7%				
Mg	6089802	0.378	0.362	4.3%	6089821	1.82	1.83	0.5%	6089840	4.05	3.90	3.8%				
Mn	6089802	171	166	3.0%	6089821	430	429	0.2%	6089840	3050	3070	0.7%				
Mo	6089802	1.57	1.87	17.4%	6089821	0.96	1.14	17.1%	6089840	0.63	0.55	13.6%				
Na	6089802	< 0.01	< 0.01	0.0%	6089821	0.02	0.02	0.0%	6089840	0.02	0.02	0.0%				
Nb	6089802	0.24	0.18	28.6%	6089821	0.151	0.142	6.1%	6089840	0.106	0.088	18.6%				
Ni	6089802	12.0	10.2	16.2%	6089821	102	103	1.0%	6089840	71.8	71.4	0.6%				
P	6089802	194	185	4.7%	6089821	1200	1180	1.7%	6089840	421	408	3.1%				
Pb	6089802	2.1	2.1	0.0%	6089821	5.3	5.2	1.9%	6089840	0.5	0.5	0.0%				



CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

Rb	6089802	7.36	7.45	1.2%	6089821	4.76	4.73	0.6%	6089840	2.0	2.0	0.0%			
Re	6089802	< 0.001	< 0.001	0.0%	6089821	0.0035	0.0034	2.9%	6089840	0.002	0.002	0.0%			
S	6089802	< 0.005	< 0.005	0.0%	6089821	0.473	0.478	1.1%	6089840	0.109	0.108	0.9%			
Sb	6089802	0.06	0.06	0.0%	6089821	0.33	0.32	3.1%	6089840	< 0.05	< 0.05	0.0%			
Sc	6089802	2.48	2.86	14.2%	6089821	15.1	14.8	2.0%	6089840	44.7	44.8	0.2%			
Se	6089802	0.9	1.0	10.5%	6089821	4.0	3.9	2.5%	6089840	2.8	3.3	16.4%			
Sn	6089802	0.2	0.2	0.0%	6089821	0.96	0.94	2.1%	6089840	0.3	0.3	0.0%			
Sr	6089802	2.8	2.8	0.0%	6089821	36.8	36.3	1.4%	6089840	479	496	3.5%			
Ta	6089802	< 0.01	< 0.01	0.0%	6089821	< 0.01	< 0.01	0.0%	6089840	< 0.01	< 0.01	0.0%			
Te	6089802	0.12	0.10	18.2%	6089821	0.158	0.153	3.2%	6089840	0.226	0.223	1.3%			
Th	6089802	4.54	5.96	27.0%	6089821	1.30	1.24	4.7%	6089840	0.9	0.6				
Ti	6089802	0.0076	0.0071	6.8%	6089821	0.013	0.014	7.4%	6089840	0.327	0.310	5.3%			
Tl	6089802	0.05	0.05	0.0%	6089821	0.034	0.035	2.9%	6089840	0.04	0.04	0.0%			
U	6089802	0.22	0.22	0.0%	6089821	0.09	0.09	0.0%	6089840	0.14	0.14	0.0%			
V	6089802	26.6	26.0	2.3%	6089821	213	214	0.5%	6089840	268	268	0.0%			
W	6089802	0.08	0.08	0.0%	6089821	< 0.05	< 0.05	0.0%	6089840	0.129	0.123	4.8%			
Y	6089802	2.63	2.61	0.8%	6089821	6.58	6.56	0.3%	6089840	14.4	14.5	0.7%			
Zn	6089802	28.9	29.0	0.3%	6089821	115	117	1.7%	6089840	64.2	62.3	3.0%			
Zr	6089802	0.49	0.57	15.1%	6089821	1.4	1.3	7.4%	6089840	4.1	3.9	5.0%			

(202-056) Fire Assay - Au, Pt, Pd Trace Levels, ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3						
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD			
Au	6089802	< 0.001	< 0.001	0.0%	6089821	< 0.001	< 0.001	0.0%	6089840	0.002	0.002	0.0%			
Pd	6089802	< 0.001	< 0.001	0.0%	6089821	0.002	< 0.001		6089840	0.0162	0.0166	2.4%			
Pt	6089802	0.0014	0.0021		6089821	0.0009	< 0.0005		6089840	0.0133	0.0137	3.0%			



CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)				CRM #3 (ref.CFRM-100)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Co	180	168	93%	90% - 110%	180	168	93%	90% - 110%	180	172	95%	90% - 110%				
Cu	3494	3421	98%	90% - 110%	3494	3370	96%	90% - 110%	3494	3376	97%	90% - 110%				
Ni	2985	2762	93%	90% - 110%	2985	2728	91%	90% - 110%	2985	2696	90%	90% - 110%				

(202-056) Fire Assay - Au, Pt, Pd Trace Levels, ICP-MS finish

Parameter	CRM #1 (ref.GS6D)				CRM #2 (ref.PG124)				CRM #3 (ref.PG129)							
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits				
Au	6.09	6.13	101%	80% - 120%	0.321	0.329	102%	80% - 120%	1.1	1.2	109%	80% - 120%				
Pd					0.037	0.039	106%	80% - 120%	0.115	0.121	105%	80% - 120%				
Pt					0.09	0.08	93%	80% - 120%	0.239	0.253	106%	80% - 120%				



Method Summary

CLIENT NAME: JOSEPH CLARKE

AGAT WORK ORDER: 14Y917357

PROJECT:

ATTENTION TO: JOE CLARKE

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS
Y	MIN-200-12017		ICP-MS
Zn	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: JOSEPH CLARKE

AGAT WORK ORDER: 14Y917357

PROJECT:

ATTENTION TO: JOE CLARKE

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Zr	MIN-200-12017		ICP-MS
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-MS
Pd	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-MS
Pt	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-MS



5623 McAdam Road
Mississauga, Ontario
L4Z 1N9

Tel:(905) 501-9998
Fax:(905) 501-0589

INVOICE NO.15122050M

Date:05/Jan/15

GST #: R100073238

Customer No	WorkOrder No	Branch	Customer P.O.	Division ID	Acct Code	District	Product
4402307	14Y917361	Y		10		80	0
Date Received	AFE						
14/Nov/14							
Product ID	Product Description				Quantity	Unit Price	Extended Price

RE: Replacement Invoice for #14118238M

201-074	Metals Package by Aqua Regia Digest ICP / ICPMS Finish	36.00	\$19.50	\$702.00
202-120	Au+Pd+Pt by Metallic Screen - Fire assay finish (500g)	36.00	\$37.00	\$1,332.00
224-001	Dry <5 kg, crush to 75% passing 2 mm split to 250-g and pulverize to 85% passing 75 um	36.00	\$6.00	\$216.00
224-022	Batch Fee	1.00	\$0.00	\$0.00

Subtotal: \$2,250.00

 * Should you require any information regarding this analysis, please contact your *
 * Client Project Manager @ (905) 501-9998 *
 * We appreciate and welcome your feedback which can be provided by submitting *
 * a Client Review at <http://www.agatlabs.com/resources/client-forms.cfm> *

GST: \$112.50

TERMS: NET 30 DAYS . INTEREST CHARGED ON OVERDUE ACCOUNTS AT THE RATE OF 2% PER MONTH (24% PER ANNUM).

Total: \$2,362.50

Corporate Office:

JOSEPH CLARKE
BOX 2012
MARSH LAKE YK Y0B1Y2

Invoice To:

JOSEPH CLARKE
BOX 2012
MARSH LAKE YK Y0B1Y2

Attn To: JOE CLARKE



CLIENT NAME: JOSEPH CLARKE
BOX 2012
MARSH LAKE, YK Y0B1Y2
(867) 660-4702

ATTENTION TO: JOE CLARKE

PROJECT:

AGAT WORK ORDER: 14Y917361

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Lab Co-ordinator

DATE REPORTED: Jan 05, 2015

PAGES (INCLUDING COVER): 16

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.



Certificate of Analysis

AGAT WORK ORDER: 14Y917361

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
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CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014		DATE REPORTED: Jan 05, 2015		SAMPLE TYPE: Rock									
Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.01	0.01	0.1	0.005	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
ML14-006 (6089715)	0.33	0.54	2.6	0.775	<5	340	0.22	0.06	0.04	0.02	8.78	0.6	68.0	0.37
ML14-007 (6089716)	0.87	0.21	38.0	0.170	<5	41	0.52	0.08	4.63	0.09	11.8	6.6	49.9	0.13
ML14-008 (6089717)	0.52	0.21	35.6	0.336	<5	30	0.57	0.27	2.89	0.04	9.72	6.2	46.7	0.05
ML14-009 (6089718)	0.66	2.22	1.9	0.261	<5	1960	0.48	0.30	1.78	0.19	63.3	29.6	35.5	3.74
ML14-010 (6089719)	0.12	1.16	1.1	0.066	<5	84	0.14	0.01	1.03	0.04	18.6	9.3	44.4	0.50
ML14-011 (6089720)	0.28	0.13	1.4	0.113	5	33	0.09	0.06	1.32	0.14	7.97	11.7	8.7	1.65
ML14-012 (6089721)	0.15	1.41	3.8	0.014	9	100	0.25	0.05	1.24	0.04	48.9	13.3	35.4	0.82
ML14-52 (6089722)	0.05	0.26	207	0.009	<5	44	0.17	<0.01	6.29	0.06	3.32	31.3	149	0.19
ML14-53 (6089723)	0.06	0.45	268	0.017	5	70	0.43	0.05	6.30	0.20	33.0	39.2	114	0.24
ML14-54 (6089724)	0.03	0.08	23.2	0.026	<5	22	<0.05	0.02	1.50	0.03	4.41	2.8	53.9	<0.05
ML14-55 (6089725)	0.04	0.11	358	0.012	<5	37	0.09	0.01	10.5	0.11	1.47	24.6	129	0.07
ML14-56 (6089726)	0.06	0.20	583	0.009	7	35	0.24	0.02	5.31	0.12	5.57	47.8	257	0.18
ML14-57 (6089727)	0.03	0.15	466	0.008	<5	28	0.14	0.01	6.41	0.08	1.91	39.8	281	0.08
ML14-58 (6089728)	0.02	0.13	421	0.006	<5	29	0.16	0.01	5.19	0.07	1.55	42.2	277	0.09
ML14-59 (6089729)	0.02	0.09	522	0.008	<5	13	<0.05	0.01	6.23	0.07	0.94	27.7	235	<0.05
ML14-60 (6089730)	0.02	0.20	464	0.019	<5	25	0.09	0.01	5.86	0.06	2.31	35.1	269	0.06
ML14-61 (6089731)	0.01	0.14	194	0.011	<5	13	<0.05	<0.01	7.07	0.07	1.53	13.9	183	<0.05
ML14-62 (6089732)	0.02	0.26	338	0.007	<5	21	0.11	0.01	8.55	0.10	2.96	22.7	239	0.07
ML14-63 (6089733)	0.05	0.15	16.4	<0.005	<5	57	0.21	0.12	6.95	0.13	15.5	5.8	40.8	0.19
ML14-64 (6089734)	0.06	0.37	4.3	0.005	<5	74	0.31	0.12	1.92	0.10	14.2	14.0	44.8	0.50
ML14-65 (6089735)	0.09	0.13	6.1	<0.005	<5	48	0.15	0.18	1.85	0.14	17.0	5.8	70.9	0.11
ML14-66 (6089736)	0.13	0.22	9.3	0.005	<5	67	0.18	0.24	2.40	0.25	22.3	8.7	48.5	0.15
ML14-67 (6089737)	0.06	0.42	269	0.063	7	83	0.55	0.02	10.6	0.17	45.7	38.0	88.4	0.18
ML14-68 (6089738)	0.02	0.14	67.5	0.006	<5	44	0.16	0.01	8.89	0.12	10.5	12.3	53.0	0.08
ML14-69 (6089739)	0.03	0.31	70.2	0.013	5	53	0.21	0.01	7.62	0.20	11.1	19.9	43.6	0.23
ML14-70 (6089740)	0.04	0.36	171	0.043	6	68	0.45	0.01	8.03	0.14	40.8	31.4	65.2	0.29
ML14-71 (6089741)	0.03	0.40	92.8	0.012	7	80	0.27	0.02	6.14	0.13	7.77	44.2	46.7	0.54
ML14-72 (6089742)	0.02	0.51	88.8	0.010	7	88	0.26	0.01	4.02	0.14	19.6	39.9	92.5	0.62
ML14-73 (6089743)	0.02	0.34	9.5	<0.005	<5	51	0.17	0.12	4.46	0.09	16.7	16.8	60.3	0.22
ML14-74 (6089744)	0.02	0.20	44.5	<0.005	<5	85	0.12	0.12	0.22	0.02	13.0	3.3	61.4	0.17
ML14-75 (6089745)	0.04	0.39	244	0.010	<5	78	0.30	0.04	2.64	0.15	11.3	22.6	110	0.23
ML14-76 (6089746)	0.04	0.25	147	0.020	5	70	0.32	0.01	6.32	0.11	13.6	24.7	69.8	0.23

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917361

PROJECT:

5623 McADAM ROAD
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 CANADA L4Z 1N9
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<http://www.agatlabs.com>

CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014					DATE REPORTED: Jan 05, 2015					SAMPLE TYPE: Rock				
Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:														
ML14-77 (6089747)	0.49	0.26	19.8	<0.005	<5	75	0.34	0.22	0.82	1.10	34.3	8.0	46.5	0.27	
ML14-78 (6089748)	0.37	0.46	20.0	<0.005	<5	135	0.66	0.16	6.31	1.84	42.0	20.2	56.5	0.27	
ML14-79 (6089749)	0.09	2.70	6.2	<0.005	<5	53	0.58	0.03	4.40	0.18	34.9	57.8	380	0.75	
ML14-80 (6089750)	0.03	3.61	5.6	<0.005	<5	40	0.60	0.01	7.44	0.21	32.7	41.8	440	0.76	

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CLIENT NAME: JOSEPH CLARKE

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(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014		DATE REPORTED: Jan 05, 2015		SAMPLE TYPE: Rock									
Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
ML14-006 (6089715)	31.2	1.34	4.75	0.10	0.07	<0.01	0.031	0.10	4.3	5.1	0.56	105	1.08	<0.01
ML14-007 (6089716)	87.2	3.44	2.45	0.10	0.07	0.02	0.066	0.02	4.5	1.4	0.18	1540	1.13	0.03
ML14-008 (6089717)	183	3.05	2.36	0.10	0.08	0.04	0.032	<0.01	3.3	1.6	0.19	850	1.04	0.03
ML14-009 (6089718)	499	5.06	10.6	0.24	0.06	<0.01	0.034	1.41	29.4	10.1	1.69	562	0.83	0.05
ML14-010 (6089719)	51.9	1.24	4.02	0.11	0.07	<0.01	0.006	0.08	10.0	4.6	0.75	94	0.31	0.10
ML14-011 (6089720)	234	5.68	0.83	0.14	0.04	<0.01	0.069	0.01	7.7	0.2	0.11	2110	0.70	<0.01
ML14-012 (6089721)	77.7	3.53	7.54	0.18	0.07	<0.01	0.021	0.07	24.6	7.0	1.44	972	1.54	0.03
ML14-52 (6089722)	38.7	3.35	0.81	0.07	<0.02	0.02	0.024	0.09	1.3	1.7	6.18	996	0.70	<0.01
ML14-53 (6089723)	48.4	5.73	1.74	0.13	0.04	0.05	0.063	0.19	13.9	1.4	3.63	1270	1.94	<0.01
ML14-54 (6089724)	26.3	1.04	0.31	0.08	0.03	<0.01	0.007	0.04	2.9	0.2	0.20	452	1.71	<0.01
ML14-55 (6089725)	13.4	2.89	0.39	<0.05	<0.02	0.02	0.018	0.04	0.5	0.7	3.15	961	1.84	<0.01
ML14-56 (6089726)	21.8	3.68	0.66	0.09	0.02	0.12	0.020	0.07	2.4	4.4	9.06	936	1.30	<0.01
ML14-57 (6089727)	8.8	3.04	0.49	0.07	<0.02	0.03	0.014	0.04	0.8	1.5	9.84	809	1.41	<0.01
ML14-58 (6089728)	9.6	3.11	0.43	0.08	<0.02	0.03	0.013	0.04	0.7	1.2	10.2	808	1.15	<0.01
ML14-59 (6089729)	4.8	2.00	0.33	0.06	<0.02	0.01	0.011	0.01	0.4	1.0	6.30	612	1.01	<0.01
ML14-60 (6089730)	6.1	2.75	0.71	0.08	<0.02	0.01	0.015	0.03	0.9	2.1	7.65	852	0.95	<0.01
ML14-61 (6089731)	1.3	1.81	0.47	0.06	<0.02	0.01	0.013	0.02	0.6	1.3	4.11	588	1.26	<0.01
ML14-62 (6089732)	13.6	2.72	0.89	0.06	<0.02	0.02	0.024	0.04	1.1	2.4	7.53	941	0.78	<0.01
ML14-63 (6089733)	50.0	1.40	0.86	0.07	0.03	0.07	0.024	0.08	8.3	0.4	0.31	1090	2.49	0.01
ML14-64 (6089734)	89.3	3.30	1.77	0.10	0.06	0.07	0.045	0.14	6.3	1.7	0.91	1170	1.72	0.03
ML14-65 (6089735)	63.1	1.57	0.65	0.09	0.05	0.09	0.030	0.08	7.6	0.2	0.29	438	2.34	0.02
ML14-66 (6089736)	92.6	2.29	1.17	0.10	0.07	0.16	0.045	0.09	10.0	0.5	0.30	495	4.13	0.02
ML14-67 (6089737)	41.8	5.49	2.01	0.14	0.05	0.07	0.064	0.19	19.6	0.9	3.81	1580	2.46	<0.01
ML14-68 (6089738)	14.4	3.16	0.64	0.07	0.03	0.03	0.029	0.07	5.1	0.3	4.47	1360	1.00	<0.01
ML14-69 (6089739)	39.9	4.19	1.06	0.08	<0.02	0.03	0.041	0.12	4.7	1.0	3.46	1250	0.77	<0.01
ML14-70 (6089740)	38.6	5.04	1.65	0.13	0.03	0.04	0.066	0.17	16.6	0.7	3.45	1450	2.10	<0.01
ML14-71 (6089741)	78.9	5.24	0.83	0.09	<0.02	0.01	0.043	0.21	3.0	0.5	3.45	1360	0.38	0.01
ML14-72 (6089742)	56.8	6.54	1.64	0.13	0.02	0.02	0.068	0.21	7.8	1.7	4.56	1320	0.49	0.01
ML14-73 (6089743)	61.0	2.87	1.20	0.09	0.04	0.02	0.035	0.11	6.4	1.0	0.50	850	1.41	0.01
ML14-74 (6089744)	36.0	0.97	0.80	0.09	0.02	0.02	0.018	0.06	5.8	0.4	0.14	69	1.62	<0.01
ML14-75 (6089745)	42.1	3.91	1.41	0.10	0.03	0.03	0.037	0.11	5.1	1.2	1.16	816	3.24	<0.01
ML14-76 (6089746)	39.2	4.58	1.07	0.10	0.02	0.02	0.052	0.11	5.8	0.7	2.66	1040	1.92	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917361

PROJECT:

5623 McADAM ROAD
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CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014					DATE REPORTED: Jan 05, 2015					SAMPLE TYPE: Rock				
Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	
Sample ID (AGAT ID)	RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
ML14-77 (6089747)		26.4	1.95	1.01	0.12	0.12	0.30	0.031	0.12	17.9	0.4	0.11	244	23.8	0.03
ML14-78 (6089748)		47.2	4.64	2.25	0.13	0.05	0.25	0.048	0.17	20.2	1.0	1.01	1440	22.5	0.02
ML14-79 (6089749)		62.5	6.47	9.54	0.16	0.03	0.04	0.062	0.09	14.4	29.4	6.39	988	2.19	<0.01
ML14-80 (6089750)		72.5	6.04	12.8	0.15	0.03	0.03	0.058	0.05	15.2	41.1	7.20	1300	0.62	<0.01

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CLIENT NAME: JOSEPH CLARKE

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(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014							DATE REPORTED: Jan 05, 2015				SAMPLE TYPE: Rock			
Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
ML14-006 (6089715)	1.26	3.7	190	3.2	7.6	<0.001	0.065	0.07	7.1	0.4	0.6	5.3	<0.01	0.21	
ML14-007 (6089716)	0.65	23.5	828	3.8	3.0	<0.001	1.91	1.29	5.4	2.7	0.9	107	<0.01	0.46	
ML14-008 (6089717)	0.44	20.0	444	3.4	0.7	<0.001	1.98	1.47	5.2	1.8	0.9	90.8	<0.01	0.51	
ML14-009 (6089718)	1.59	27.7	6580	2.1	77.9	<0.001	0.177	0.11	5.4	2.3	1.1	108	0.02	0.39	
ML14-010 (6089719)	0.53	49.7	1510	2.1	5.6	<0.001	0.017	0.11	2.0	0.5	<0.2	59.6	<0.01	0.21	
ML14-011 (6089720)	0.14	37.8	2700	2.0	2.4	<0.001	2.96	0.87	0.4	4.7	0.2	15.2	<0.01	0.23	
ML14-012 (6089721)	1.84	36.3	2250	1.7	4.6	<0.001	0.720	0.55	3.2	1.5	0.4	26.2	0.02	0.18	
ML14-52 (6089722)	0.26	326	165	0.9	4.4	<0.001	0.135	9.99	15.2	1.7	<0.2	358	<0.01	0.19	
ML14-53 (6089723)	0.18	262	1930	2.7	7.7	0.002	0.140	8.00	14.3	1.9	<0.2	329	<0.01	0.20	
ML14-54 (6089724)	0.44	14.9	541	1.5	1.5	<0.001	0.034	1.16	1.5	<0.2	<0.2	33.7	<0.01	0.02	
ML14-55 (6089725)	0.21	323	67	2.0	1.9	<0.001	0.142	20.5	9.7	1.2	<0.2	516	<0.01	0.12	
ML14-56 (6089726)	0.11	773	296	1.7	3.0	0.001	0.090	29.5	10.6	1.4	<0.2	403	<0.01	0.17	
ML14-57 (6089727)	0.07	627	111	1.9	1.7	0.001	0.171	35.5	8.2	1.3	<0.2	546	<0.01	0.16	
ML14-58 (6089728)	0.08	662	174	1.6	1.9	0.001	0.153	29.4	8.2	1.2	<0.2	452	<0.01	0.17	
ML14-59 (6089729)	0.20	412	<10	1.4	0.7	<0.001	0.168	26.6	6.2	1.2	<0.2	581	<0.01	0.15	
ML14-60 (6089730)	0.14	664	35	2.0	1.3	<0.001	0.100	22.1	10.1	1.3	<0.2	569	<0.01	0.15	
ML14-61 (6089731)	0.24	271	17	1.6	0.7	<0.001	0.094	15.0	7.1	0.6	<0.2	633	<0.01	0.11	
ML14-62 (6089732)	0.07	315	28	1.4	1.7	0.002	0.124	9.87	11.1	1.6	<0.2	966	<0.01	0.22	
ML14-63 (6089733)	0.20	22.8	229	2.9	4.1	0.003	0.160	1.11	4.8	0.8	<0.2	870	<0.01	0.13	
ML14-64 (6089734)	0.12	27.8	695	3.7	9.0	0.005	0.162	0.87	12.0	1.1	<0.2	107	<0.01	0.18	
ML14-65 (6089735)	0.19	24.5	177	4.7	3.4	0.005	0.096	1.08	4.8	<0.2	<0.2	192	<0.01	0.16	
ML14-66 (6089736)	0.17	35.9	324	6.0	3.9	0.008	0.103	2.54	6.4	0.6	<0.2	151	<0.01	0.17	
ML14-67 (6089737)	0.42	181	2700	2.2	8.5	0.001	0.273	20.4	14.3	2.1	0.3	527	<0.01	0.17	
ML14-68 (6089738)	0.18	59.5	1680	1.8	3.0	0.002	0.158	5.38	5.5	1.5	<0.2	575	<0.01	0.16	
ML14-69 (6089739)	0.12	67.1	532	0.9	5.1	0.001	0.127	4.72	15.7	1.5	<0.2	490	<0.01	0.17	
ML14-70 (6089740)	0.33	126	3060	2.5	8.5	0.001	0.245	8.76	12.6	2.4	0.2	493	<0.01	0.15	
ML14-71 (6089741)	<0.05	80.5	416	0.8	8.7	<0.001	0.114	4.43	26.0	1.0	<0.2	193	<0.01	0.15	
ML14-72 (6089742)	<0.05	155	920	0.8	10.0	<0.001	0.084	11.0	29.3	1.1	<0.2	237	<0.01	0.17	
ML14-73 (6089743)	<0.05	37.9	299	4.7	4.5	<0.001	0.107	1.75	11.1	0.7	<0.2	65.8	<0.01	0.10	
ML14-74 (6089744)	0.23	27.2	199	3.6	2.9	0.005	0.010	3.05	3.2	<0.2	<0.2	12.6	<0.01	0.05	
ML14-75 (6089745)	0.19	225	1130	2.8	5.2	0.001	0.078	21.1	10.7	1.2	<0.2	197	<0.01	0.13	
ML14-76 (6089746)	0.19	177	707	1.7	5.1	<0.001	0.152	8.89	10.9	1.1	0.2	580	<0.01	0.16	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917361

PROJECT:

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CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014							DATE REPORTED: Jan 05, 2015				SAMPLE TYPE: Rock			
Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01	
Sample ID (AGAT ID)															
ML14-77 (6089747)	0.06	38.0	681	16.0	5.8	0.015	0.203	8.72	4.0	0.9	0.2	69.3	<0.01	0.07	
ML14-78 (6089748)	0.08	116	1450	11.6	8.4	0.009	0.198	8.91	8.7	2.5	0.3	336	<0.01	0.14	
ML14-79 (6089749)	<0.05	674	1400	1.1	4.8	0.002	0.153	1.50	17.4	1.6	0.3	333	<0.01	0.18	
ML14-80 (6089750)	<0.05	247	1090	0.7	3.1	0.002	0.126	0.89	23.6	1.7	0.3	415	<0.01	0.23	

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(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014	DATE RECEIVED: Nov 14, 2014					DATE REPORTED: Jan 05, 2015				SAMPLE TYPE: Rock
Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5	
ML14-006 (6089715)	4.2	0.104	0.04	0.48	38.3	0.11	2.21	20.2	0.6	
ML14-007 (6089716)	3.9	0.012	0.01	0.95	14.1	0.59	13.6	22.1	0.9	
ML14-008 (6089717)	3.5	0.016	<0.01	1.46	27.1	1.12	9.89	10.1	1.8	
ML14-009 (6089718)	9.6	0.425	0.41	2.21	263	0.23	18.5	73.0	1.1	
ML14-010 (6089719)	2.2	0.137	0.04	0.24	29.0	0.11	2.97	24.7	1.5	
ML14-011 (6089720)	0.8	<0.005	0.03	1.01	8.6	0.24	10.7	44.9	0.8	
ML14-012 (6089721)	5.0	0.230	0.05	0.73	80.3	0.67	11.4	40.1	1.4	
ML14-52 (6089722)	0.3	<0.005	0.03	0.08	35.5	0.07	5.65	22.7	<0.5	
ML14-53 (6089723)	1.5	<0.005	0.07	0.21	52.2	0.10	8.34	83.3	1.3	
ML14-54 (6089724)	0.4	<0.005	0.01	0.21	9.9	<0.05	2.62	17.4	1.1	
ML14-55 (6089725)	0.2	<0.005	0.02	0.56	36.5	<0.05	2.97	37.7	<0.5	
ML14-56 (6089726)	0.6	<0.005	0.03	0.39	47.6	<0.05	2.85	43.6	1.0	
ML14-57 (6089727)	0.3	<0.005	0.02	0.09	34.1	<0.05	2.41	21.9	<0.5	
ML14-58 (6089728)	0.2	<0.005	0.02	0.06	31.2	<0.05	1.92	20.5	<0.5	
ML14-59 (6089729)	<0.1	<0.005	<0.01	0.06	23.4	<0.05	2.42	18.2	<0.5	
ML14-60 (6089730)	<0.1	<0.005	<0.01	0.08	29.5	<0.05	3.08	23.5	<0.5	
ML14-61 (6089731)	<0.1	<0.005	<0.01	<0.05	29.0	<0.05	3.25	16.6	<0.5	
ML14-62 (6089732)	0.1	<0.005	0.01	<0.05	35.2	<0.05	4.91	24.5	<0.5	
ML14-63 (6089733)	1.3	<0.005	0.07	0.14	12.3	<0.05	5.17	49.1	1.1	
ML14-64 (6089734)	1.0	<0.005	0.06	0.17	43.2	0.06	7.04	75.7	1.2	
ML14-65 (6089735)	2.3	<0.005	0.06	0.11	10.1	<0.05	3.33	51.2	1.6	
ML14-66 (6089736)	3.1	<0.005	0.09	0.27	19.4	<0.05	3.94	78.5	2.4	
ML14-67 (6089737)	2.1	<0.005	0.05	0.29	57.3	0.12	10.4	77.9	1.4	
ML14-68 (6089738)	0.5	<0.005	0.02	0.20	49.5	<0.05	5.36	42.8	1.2	
ML14-69 (6089739)	0.5	<0.005	0.03	0.11	38.4	<0.05	7.88	67.3	0.8	
ML14-70 (6089740)	1.9	<0.005	0.05	0.28	53.4	0.14	8.93	77.4	1.5	
ML14-71 (6089741)	0.3	<0.005	0.05	0.06	47.8	<0.05	10.5	57.0	<0.5	
ML14-72 (6089742)	0.6	<0.005	0.08	0.07	82.8	<0.05	11.1	79.7	0.6	
ML14-73 (6089743)	1.0	<0.005	0.08	0.21	34.8	<0.05	5.98	53.2	1.4	
ML14-74 (6089744)	1.2	<0.005	0.02	0.12	6.7	<0.05	1.90	35.6	0.9	
ML14-75 (6089745)	1.0	<0.005	0.06	0.35	43.6	<0.05	4.98	62.1	1.3	
ML14-76 (6089746)	0.6	<0.005	0.04	0.17	49.4	<0.05	5.06	56.4	0.7	

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917361

PROJECT:

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

CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Nov 18, 2014

DATE RECEIVED: Nov 14, 2014

DATE REPORTED: Jan 05, 2015

SAMPLE TYPE: Rock

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.5	0.5	
ML14-77 (6089747)		5.1	<0.005	0.19	1.44	30.8	<0.05	7.10	118	5.0
ML14-78 (6089748)		5.1	<0.005	0.18	1.71	48.2	<0.05	17.5	172	3.0
ML14-79 (6089749)		1.2	<0.005	0.05	0.18	122	<0.05	8.24	104	1.1
ML14-80 (6089750)		1.0	0.007	0.02	0.09	182	<0.05	9.05	69.7	1.0

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917361

PROJECT:

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CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(202-120) Fire Assay - Metallic Au, Pt, Pd - ICP Finish

DATE SAMPLED: Nov 18, 2014

DATE RECEIVED: Nov 14, 2014

DATE REPORTED: Jan 05, 2015

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Metallic Au	Metallic Pd	Metallic Pt	Plus (+) Fraction Weight	Minus (-) Fraction Weight	Au Assay (+) Fraction	Au Assay (-) Fraction	Pd Assay (+) Fraction	Pd Assay (-) Fraction	Pt Assay (+) Fraction	Pt Assay (-) Fraction
Unit:	kg	g/t	g/t	g/t	g	g	g/t	g/t	g/t	g/t	g/t	g/t
RDL:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Sample ID (AGAT ID)												
ML14-006 (6089715)	1.80	0.64	<0.01	0.03	33.2	616	0.01	0.68	<0.01	<0.01	<0.01	0.03
ML14-007 (6089716)	1.76	0.15	<0.01	0.01	33.1	513	0.03	0.16	<0.01	<0.01	<0.01	<0.01
ML14-008 (6089717)	1.86	0.36	<0.01	<0.01	31.9	544	0.32	0.36	<0.01	<0.01	<0.01	<0.01
ML14-009 (6089718)	2.18	0.24	0.02	0.02	32.3	678	0.20	0.24	0.02	0.02	0.01	0.02
ML14-010 (6089719)	1.78	0.23	0.02	0.02	33.4	680	<0.01	0.24	<0.01	0.02	<0.01	0.02
ML14-011 (6089720)	2.17	0.08	0.01	<0.01	35.3	600	0.07	0.08	<0.01	<0.01	<0.01	<0.01
ML14-012 (6089721)	1.57	0.02	<0.01	<0.01	33.0	567	<0.01	0.02	<0.01	<0.01	<0.01	<0.01
ML14-52 (6089722)	2.83	0.02	<0.01	<0.01	32.2	606	0.01	0.02	<0.01	<0.01	<0.01	<0.01
ML14-53 (6089723)	1.88	0.05	<0.01	<0.01	32.4	541	0.04	0.05	<0.01	<0.01	<0.01	<0.01
ML14-54 (6089724)	2.17	0.03	<0.01	<0.01	31.2	654	0.03	0.03	<0.01	<0.01	<0.01	<0.01
ML14-55 (6089725)	2.47	0.02	<0.01	<0.01	33.0	517	0.01	0.02	<0.01	<0.01	<0.01	<0.01
ML14-56 (6089726)	2.34	0.02	<0.01	<0.01	33.3	629	0.01	0.02	<0.01	<0.01	<0.01	<0.01
ML14-57 (6089727)	2.64	0.02	<0.01	<0.01	33.3	537	0.01	0.02	<0.01	<0.01	<0.01	<0.01
ML14-58 (6089728)	2.07	0.02	<0.01	<0.01	31.4	563	0.02	0.02	<0.01	<0.01	<0.01	<0.01
ML14-59 (6089729)	1.98	0.02	<0.01	<0.01	36.4	572	0.01	0.02	<0.01	<0.01	<0.01	<0.01
ML14-60 (6089730)	1.73	0.02	<0.01	<0.01	32.6	564	0.02	0.02	<0.01	<0.01	<0.01	<0.01
ML14-61 (6089731)	1.93	0.02	<0.01	<0.01	31.1	590	0.01	0.02	<0.01	<0.01	<0.01	<0.01
ML14-62 (6089732)	2.37	0.02	<0.01	<0.01	32.5	555	0.02	0.02	<0.01	<0.01	<0.01	<0.01
ML14-63 (6089733)	2.83	0.01	<0.01	<0.01	32.3	567	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
ML14-64 (6089734)	1.80	0.03	<0.01	<0.01	32.6	521	0.01	0.03	<0.01	<0.01	<0.01	<0.01
ML14-65 (6089735)	2.80	0.01	<0.01	<0.01	32.2	616	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
ML14-66 (6089736)	2.74	0.01	<0.01	<0.01	32.2	577	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
ML14-67 (6089737)	2.59	0.10	<0.01	<0.01	34.5	470	0.13	0.10	<0.01	<0.01	<0.01	<0.01
ML14-68 (6089738)	3.26	0.02	<0.01	<0.01	34.8	588	0.02	0.02	<0.01	<0.01	<0.01	<0.01
ML14-69 (6089739)	3.10	0.03	<0.01	<0.01	32.5	565	0.02	0.03	<0.01	<0.01	<0.01	<0.01
ML14-70 (6089740)	2.90	0.08	<0.01	<0.01	30.3	604	0.09	0.08	<0.01	<0.01	<0.01	<0.01
ML14-71 (6089741)	2.87	0.01	<0.01	<0.01	30.7	564	0.01	0.01	<0.01	<0.01	<0.01	<0.01
ML14-72 (6089742)	3.27	0.02	<0.01	<0.01	36.8	606	0.02	0.02	<0.01	<0.01	<0.01	<0.01
ML14-73 (6089743)	2.40	<0.01	<0.01	<0.01	32.7	551	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
ML14-74 (6089744)	2.80	0.01	<0.01	<0.01	30.2	552	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
ML14-75 (6089745)	2.11	0.02	<0.01	<0.01	33.5	560	0.01	0.02	<0.01	<0.01	<0.01	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 14Y917361

PROJECT:

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CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(202-120) Fire Assay - Metallic Au, Pt, Pd - ICP Finish

DATE SAMPLED: Nov 18, 2014

DATE RECEIVED: Nov 14, 2014

DATE REPORTED: Jan 05, 2015

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Metallic Au	Metallic Pd	Metallic Pt	Plus (+) Fraction Weight	Minus (-) Fraction Weight	Au Assay (+) Fraction	Au Assay (-) Fraction	Pd Assay (+) Fraction	Pd Assay (-) Fraction	Pt Assay (+) Fraction	Pt Assay (-) Fraction
Unit:	kg	g/t	g/t	g/t	g	g	g/t	g/t	g/t	g/t	g/t	g/t
RDL:	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Sample ID (AGAT ID)												
ML14-76 (6089746)	2.99	0.03	<0.01	<0.01	33.5	554	0.03	0.03	<0.01	<0.01	<0.01	<0.01
ML14-77 (6089747)	2.63	0.03	<0.01	0.01	32.2	580	0.03	0.03	<0.01	<0.01	<0.01	<0.01
ML14-78 (6089748)	2.70	0.02	<0.01	<0.01	38.2	504	0.01	0.02	<0.01	<0.01	<0.01	<0.01
ML14-79 (6089749)	2.99	0.01	<0.01	0.01	32.9	521	0.01	0.01	<0.01	<0.01	<0.01	<0.01
ML14-80 (6089750)	3.15	0.01	<0.01	<0.01	32.5	703	0.03	<0.01	<0.01	<0.01	<0.01	<0.01

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	REPLICATE #1				REPLICATE #2											
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	6089715	0.33	0.65		6089734	0.06	0.09									
Al	6089715	0.541	0.521	3.8%	6089734	0.368	0.352	4.4%								
As	6089715	2.6	2.7	3.8%	6089734	4.3	4.0	7.2%								
Au	6089715	0.775	0.675	13.8%	6089734	0.005	0.005	0.0%								
B	6089715	< 5	< 5	0.0%	6089734	< 5	< 5	0.0%								
Ba	6089715	340	331	2.7%	6089734	74	76	2.7%								
Be	6089715	0.216	0.225	4.1%	6089734	0.310	0.302	2.6%								
Bi	6089715	0.06	0.06	0.0%	6089734	0.12	0.12	0.0%								
Ca	6089715	0.04	0.04	0.0%	6089734	1.92	1.89	1.6%								
Cd	6089715	0.02	0.02	0.0%	6089734	0.10	0.10	0.0%								
Ce	6089715	8.78	8.52	3.0%	6089734	14.2	14.7	3.5%								
Co	6089715	0.6	0.6	0.0%	6089734	14.0	14.0	0.0%								
Cr	6089715	68.0	64.5	5.3%	6089734	44.8	44.0	1.8%								
Cs	6089715	0.367	0.358	2.5%	6089734	0.499	0.506	1.4%								
Cu	6089715	31.2	30.5	2.3%	6089734	89.3	85.0	4.9%								
Fe	6089715	1.34	1.31	2.3%	6089734	3.30	3.24	1.8%								
Ga	6089715	4.75	4.75	0.0%	6089734	1.77	1.75	1.1%								
Ge	6089715	0.10	0.10	0.0%	6089734	0.10	0.10	0.0%								
Hf	6089715	0.07	0.06	15.4%	6089734	0.056	0.052	7.4%								
Hg	6089715	< 0.01	< 0.01	0.0%	6089734	0.07	0.07	0.0%								
In	6089715	0.0315	0.0324	2.8%	6089734	0.045	0.045	0.0%								
K	6089715	0.10	0.10	0.0%	6089734	0.137	0.132	3.7%								
La	6089715	4.31	4.21	2.3%	6089734	6.33	6.42	1.4%								
Li	6089715	5.1	5.0	2.0%	6089734	1.68	1.31	24.7%								
Mg	6089715	0.56	0.54	3.6%	6089734	0.906	0.883	2.6%								
Mn	6089715	105	101	3.9%	6089734	1170	1140	2.6%								
Mo	6089715	1.08	1.05	2.8%	6089734	1.72	1.86	7.8%								
Na	6089715	< 0.01	< 0.01	0.0%	6089734	0.03	0.03	0.0%								
Nb	6089715	1.26	1.30	3.1%	6089734	0.12	0.10	18.2%								
Ni	6089715	3.7	3.8	2.7%	6089734	27.8	26.6	4.4%								
P	6089715	190	190	0.0%	6089734	695	680	2.2%								



CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

Pb	6089715	3.23	3.13	3.1%	6089734	3.7	3.8	2.7%												
Rb	6089715	7.63	7.86	3.0%	6089734	9.0	8.9	1.1%												
Re	6089715	< 0.001	< 0.001	0.0%	6089734	0.005	0.005	0.0%												
S	6089715	0.0651	0.0634	2.6%	6089734	0.162	0.155	4.4%												
Sb	6089715	0.07	0.07	0.0%	6089734	0.867	0.864	0.3%												
Sc	6089715	7.15	7.72	7.7%	6089734	12.0	12.2	1.7%												
Se	6089715	0.4	0.7		6089734	1.09	0.93	15.8%												
Sn	6089715	0.55	0.55	0.0%	6089734	< 0.2	< 0.2	0.0%												
Sr	6089715	5.3	5.3	0.0%	6089734	107	108	0.9%												
Ta	6089715	< 0.01	< 0.01	0.0%	6089734	< 0.01	< 0.01	0.0%												
Te	6089715	0.21	0.13		6089734	0.179	0.187	4.4%												
Th	6089715	4.2	4.9	15.4%	6089734	1.05	1.10	4.7%												
Ti	6089715	0.104	0.102	1.9%	6089734	< 0.005	< 0.005	0.0%												
Tl	6089715	0.04	0.04	0.0%	6089734	0.06	0.06	0.0%												
U	6089715	0.48	0.48	0.0%	6089734	0.175	0.180	2.8%												
V	6089715	38.3	36.9	3.7%	6089734	43.2	41.5	4.0%												
W	6089715	0.113	0.121	6.8%	6089734	0.06	0.06	0.0%												
Y	6089715	2.21	2.25	1.8%	6089734	7.04	7.05	0.1%												
Zn	6089715	20.2	19.6	3.0%	6089734	75.7	73.0	3.6%												
Zr	6089715	0.63	0.66	4.7%	6089734	1.20	1.14	5.1%												



CLIENT NAME: JOSEPH CLARKE

ATTENTION TO: JOE CLARKE

(201-074) Aqua Regia Digest - Metals Package, ICP/ICP-MS finish

Parameter	CRM #1 (ref.CFRM-100)				CRM #2 (ref.CFRM-100)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Co	180	164	91%	90% - 110%	180	164	91%	90% - 110%							
Cu	3494	3388	97%	90% - 110%	3494	3420	98%	90% - 110%							
Ni	2985	2695	90%	90% - 110%	2985	2751	92%	90% - 110%							

(202-120) Fire Assay - Metallic Au, Pt, Pd - ICP Finish

Parameter	CRM #1				CRM #2 (ref.CFRM-100)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Metallic Au	1.10	1.09	99%	80% - 120%											
Metallic Pd	0.115	0.113	98%	80% - 120%											
Metallic Pt	0.239	0.237	99%	80% - 120%											



Method Summary

CLIENT NAME: JOSEPH CLARKE

AGAT WORK ORDER: 14Y917361

PROJECT:

ATTENTION TO: JOE CLARKE

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS
Y	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: JOSEPH CLARKE

AGAT WORK ORDER: 14Y917361

PROJECT:

ATTENTION TO: JOE CLARKE

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Sample Login Weight	MIN-12009		BALANCE
Metallic Au	MIN-200-12004		ICP/OES
Metallic Pd	MIN-200-12004		ICP/OES
Metallic Pt	MIN-200-12004		ICP/OES
Plus (+) Fraction Weight	MIN-200-12004		ICP/OES
Minus (-) Fraction Weight	MIN-200-12004		ICP/OES
Au Assay (+) Fraction	MIN-200-12004		ICP/OES
Au Assay (-) Fraction	MIN-200-12004		ICP/OES
Pd Assay (+) Fraction	MIN-200-12004		ICP/OES
Pd Assay (-) Fraction	MIN-200-12004		ICP/OES
Pt Assay (+) Fraction	MIN-200-12004		ICP/OES
Pt Assay (-) Fraction	MIN-200-12004		ICP/OES

APPENDIX III – BUDGET**JOE CLARKE- FINAL BUDGET DEC 2015
ANNE - LOBO CLAIMS, MARSH
LAKE**

Item	Rate	Days	Total	Notes
<u>Wages</u>				
Prospector	\$ 350.00	15	\$ 5,250.00	<i>Oct 1st - Nov 20</i>
Daily field expenses	\$ 100.00	15	\$ 1,500.00	
Report Preperation			\$ 1,500.00	
Wage Total			\$ 8,250.00	
<u>Equipment</u>				
ATV Polaris 500	\$ 40.00	15	\$ 600.00	
ATV Tub Trailer	\$ 10.00	15	\$ 150.00	
-				
Equipment Total			\$ 750.00	
-				
-	-	-		-
<u>Assays</u>				
Rock			\$ 1,760.00	44 samples at \$40.00
Rock - screened Au			\$ 2,250.00	36 samples at \$62.50
GST			\$ 200.50	
Total Assay Cost			\$ 4,210.50	
		TOTAL	\$ 13,210.50	

YMEG contribution = \$6605.25

Prospector contribution = \$6605.25

APPENDIX IV – STATEMENT OF QUALIFICATIONS

I, Joseph A. J. Clarke, of Marsh Lake Yukon Territory with mailing address of Box 2012, Marsh Lake, Yukon hereby certify:

That I have graduated from the Haileybury School of Mines in 1985 with a diploma in Mining Engineering Technology;

That I have been engaged in prospecting in the Yukon on a full time basis since May of 1993 and have been engaged in mineral exploration and in the mineral industry for 25 years elsewhere in Canada;

That I have a commitment to prospect in a gentlemanly manner with respect for others who use the land and for the land itself.

Signed at Marsh Lake, Yukon Territory on the _____ day of _____, 2015.

Joseph A. J. Clarke

References:

Al Doherty – Aurum Geological Consultants – 867-667-4168

Tim Bissett – Minconsult Exploration Services – 250-542-4477

APPENDIX V – REFERENCES

REFERENCES

Thanks are in order for the many productive geological discussions with Al Doherty, Mike Power, Farrell Andersen, Jim McFaul, Mike Wark, Bill Mann, the staff of the Yukon Geological Survey. Equally important is the advice, tips and incentive provided by many professional Yukon prospectors and geologists.

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