We are committed to providing <u>accessible customer service</u>. If you need accessible formats or communications supports, please <u>contact us</u>.

Nous tenons à améliorer <u>l'accessibilité des services à la clientèle</u>. Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez <u>nous contacter</u>.



## 2017 PROSPECTING AND SOIL SAMPLING ON THE DOGPAW LAKE PORTION OF THE FLINT NORTH PROPERTY, KENORA MINING DIVISION, NORTHWESTERN ONTARIO

### NTS MAP SHEET 52F/05SW



# TABLE OF CONTENTS

		PAGE	
1.0	INTRODUCTION	1	
2.0	TERMS OF REFERENCE	1	
3.0	LOCATION AND ACCESS	1	
4.0	CLAIM HOLDINGS AND PROPERTY DISPOSITION	1	
5.0	REGIONAL GEOLOGY	3	
6.0	PROPERTY GEOLOGY	5	
7.0	EXPLORATION HISTORY	7	
8.0	CURRENT PROGRAM	13	
9.0	CONCLUSIONS AND RECOMMENDATIONS	16	
10.0	REFERENCES	17	
11.0	STATEMENT OF QUALIFICATIONS	18	
Table	List of Tables  1 – Flint North Project Land Tenure Data		2
	List of Figures		
Figure Figure Figure Figure	<ul> <li>1 – Regional Location Map</li> <li>2 – Flint North Project Claim Groups Map</li> <li>3 – Regional Geology Map</li> <li>4 – Property Geology Map</li> <li>5 – Soil Sample Location Map</li> <li>6 – Grab Sample Location Map</li> </ul>		2 3 5 6 14 15
	List of Appendices		
	dix II Personnel Involved with Prospecting Program dix III Laboratory Certificates of Analysis dix IV Expenditures		

#### 1.0 INTRODUCTION

During the period of June 5<sup>th</sup> to 7<sup>th</sup> 2017, Metals Creek Resources (MEK) personnel conducted a small prospecting and recce soil sampling program on their Dogpaw Lake claim group. The Dogpaw Lake claim group consists of 3 unpatented mining claims currently registered to and under an option/JV agreement with Endurance Gold Corp (EDG). The claims are located on Dogpaw Lake within the Kenora Mining District in Northwestern Ontario. The bulk of the prospecting-soil program was completed to examine areas both east and west along strike of the Gauthier gold occurrence. A total of 31 rock samples and 33 soil samples were collected and analyzed for gold and other pathfinder elements. Results of the work resulted in the generation on two new gold occurrences with anomalous gold grades to 0.67g/t.

#### 2.0 TERMS OF REFERENCE

Map projections are in UTM, North American Datum 83, Zone 15 and all referenced UTM coordinates are in this project unless stated otherwise. Contractions are "mm" = millimeter, "cm" = centimeter, "m" = meters, "km" = kilometers, "g" = gram, "kg" = kilogram, "in" = inch, "ft" = foot, "lb" = pound, "oz" = troy ounce, "oz/ton" = troy ounce per short ton, "g/t" is grams per metric tonne, and "ddh" = diamond drill hole.

#### 3.0 LOCATION AND ACCESS

The Dogpaw claims are part of a collection of claim groups referred to as the 'Flint North Project' and is located within the Kenora Mining District in Northwestern Ontario, within the Dogpaw Lake Area. The claim groups are located within the NTS Map Sheet 52F/05SW as well as portions of 52F/05SE. The Flint North project is located approximately 55 km southeast of the town of Kenora (Figures 1 & 2).

The Dogpaw claims of the Flint North Project have to be accessed by boat during seasons of soft water and by snowmobile in winter. Boat access to these claims can be done by launching on Flint Lake and boating north through the chain of lakes from Flint through Caviar and into the northeast end of Dogpaw Lake.

### 4.0 CLAIM HOLDINGS AND PROPERTY DISPOSITION

A collection of three separate claim groups is termed the Flint North Project; consisting of 10 unpatented, staked claims, totaling 115 units (Table 1, and Figure 2). The size and scale of the property was significantly scaled back since February 2016 to its current state. The claims are registered to and under an option/JV agreement with Endurance Gold Corporation. The work in this report was done entirely on the Dogpaw claim group.

Table 1: Flint North Project Land Tenure Data (Dogpaw claims in red)

Claim #	Units	Recorded Owner	Recorded	Expiry
1221374	4	Endurance Gold Corporation	2001-Sep-26	2017-Sep-26
<u>3001238</u>	9	Endurance Gold Corporation	2002-Jul-02	2017-Jul-02
<u>3001239</u>	16	Endurance Gold Corporation	2002-Jul-02	2017-Jul-02
3001241	16	Endurance Gold Corporation	2002-Jul-02	2018-Jul-02
3003433	16	Endurance Gold Corporation	2002-Sep-03	2017-Sep-03
3003583	10	Endurance Gold Corporation	2003-Apr-22	2018-Apr-22
<u>3003672</u>	8	<b>Endurance Gold Corporation</b>	2002-Oct-15	2017-Oct-15
3010495	16	Endurance Gold Corporation	2002-Oct-15	2017-Oct-15
<u>3010496</u>	16	Endurance Gold Corporation	2002-Oct-15	2017-Oct-15
<u>3012203</u>	4	Endurance Gold Corporation	2003-Apr-22	2019-Apr-22

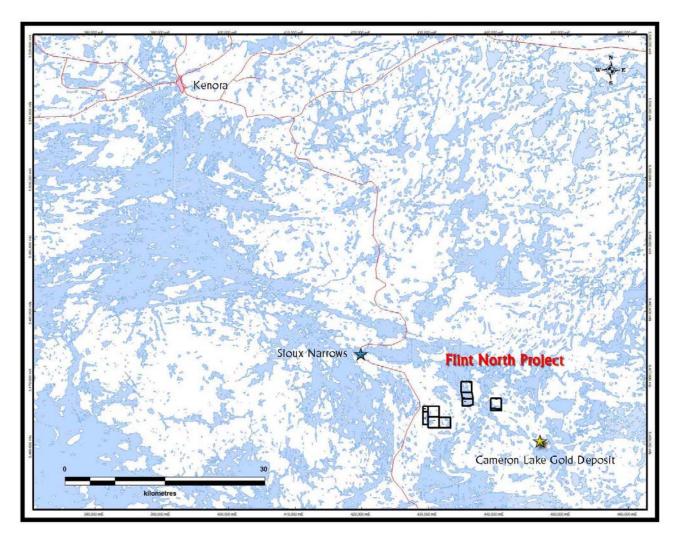


Figure 1: Regional Location Map

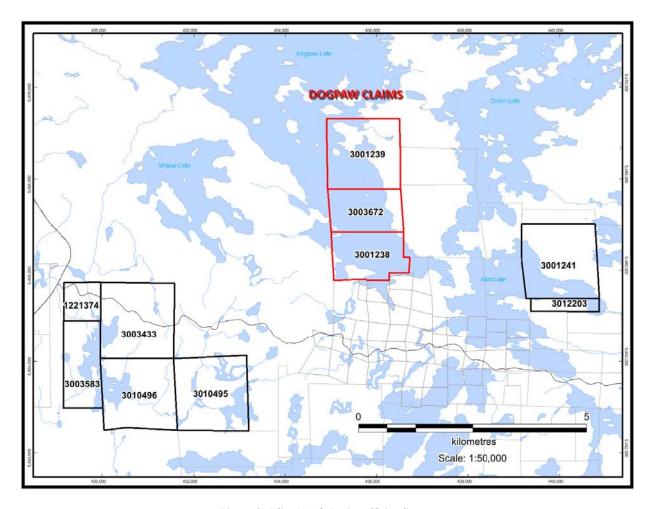


Figure 2: Flint North Project Claim GroupS

#### 5.0 REGIONAL GEOLOGY

Metals Creek Resources' Flint North Project lies within the Archean Superior Craton aged 2.6-2.9 billion years as well as within the central portion of the east-west trending Wabigoon Subprovince.

The Superior Province is subdivided into subprovinces characterized by four combinations of distinctive rock types: volcano-plutonic; metasedimentary; gneissic or plutonic; and high-grade gneiss. The Wabigoon Subprovince is characterized by greenschist facies metamorphic greenstone belts consisting of metavolcanic rocks as well as sedimentary rocks, surrounded and intruded by felsic plutonic rocks.

The Wabigoon Subprovince has been further broken down (informally) by Blackburn et al (1991), into three regions: a Western, a Central and an Eastern Region. The Flint Lake Property lies within the Western Wabigoon region, "a series of interconnected greenstone belts surrounding large elliptical granitoid batholiths.....Volcanic sequences comprise ultramafic (komatiitic), through mafic (tholeiitic, calc-alkalic, and minor alkalic and komatiitic) types, to felsic (mostly calc-alkalic) rocks. Sedimentary sequences are mostly

clastic rocks of alluvial fan-fluvial, resedimented (turbidite) and rare platformal facies. Minor chemical metasedimentary rocks are predominantly oxide iron formation." As well as granitoid batholiths, "Numerous smaller post-tectonic granitoid stocks intrude the greenstone belts. Mafic to ultramafic sills and stocks are marginal to batholiths or intrude the metavolcanic sequences." (Blackburn et al 1991, p. 305).

The Flint Lake Property overlies a significant portion of the Kakagi-Rowan Lakes Greenstone Belt. The belt is divided in two by the northwest-trending Pipestone-Cameron Deformation Zone. Although rock types and sequences on either side are similar, no unequivocal stratigraphic correlations have been made across the fault zone.

Southeast of the deformation zone, the correlative Snake Bay and Katimiagamak Lake Groups are the lowermost units. They face towards the centre of the belt, and are composed of mafic volcanic flows intruded by mafic sills. They are overlain by a thick, predominantly pyroclastic, volcanic sequence of mixed chemical composition varying from mafic through felsic, but predominantly intermediate. At their southeastern end they pass into sedimentary rocks (Thompson Bay sediments). This Kakagi Lake Group is in turn intruded by differentiated ultramafic (peridotite and pyroxenite) to mafic (gabbro) sills, called the Kakagi Sills.

Northeast of the Pipestone-Cameron Fault, the correlative Rowan Lake Volcanics and Populus Lake Volcanics are the lowermost, mafic units. They are folded about a northeast-trending anticline at Rowan Lake, and overlain on their south limb by the Cameron Lake Volcanics. The latter sequence is of mixed chemical composition, similar to the Kakagi Lake Group, but not necessarily correlative across the Pipestone-Cameron Fault. The Cameron Lake Volcanics are in turn overlain by the Brooks Lake Volcanics - an upper mafic sequence.

A number of late, post-tectonic stocks intrude the greenstone belts on either side of the Pipestone-Cameron Fault. These include from north to south, the Flora Lake, Nolan Lake, Stephen Lake, Phinney, and Dash Lakes Stocks.

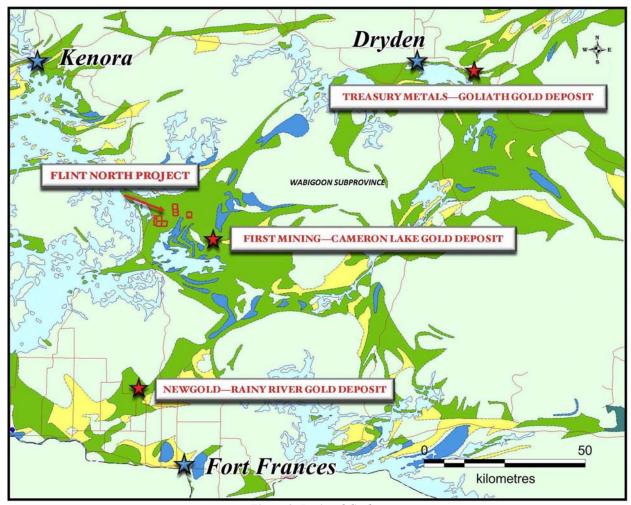


Figure 3: Regional Geology

#### 6.0 PROPERTY GEOLOGY

The Flint North Project claim groups are underlain by Rowan Lake and Snake Bay volcanics that are divided by the regional Pipestone-Cameron Fault.

The Flint Lake claim group is underlain by the Rowan Lake volcanic assemblage and consists mainly of mafic pillowed basalts with minor intermediate volcanics. Due to the relative close proximity to the regional Pipestone-Cameron Fault, numerous well developed shear zones with strong carbonate-chlorite and sericite alteration and locally host auriferous quartz veins like the deformation zone hosting the Flint Mine quartz vein. The shear zones generally conform the orientation of the Pipestone-Cameron Fault in a northwest-southeast fashion.

On the south shoreline of present Flint Lake claims are late intrusive dikes of granodioritic composition that are oriented in a north-south orientation and in the order of a 2-4m in width.

The Dogpaw claim group straddles the Pipestone-Cameron Fault encompassing both Rowan Lake volcanics to the north and Snake Bay volcanics to the south. Common within the claim group are pillowed basalts, and felsic to intermediate flows. Numerous well developed shear zones exist exhibiting variable carbonate, chlorite and sericite alteration; locally hosting quartz veining and pyrite mineralization. Many of the shear zones are likely splays off of the Pipestone-Cameron Lake fault and have significant implications for gold mineralization. A northwest striking gabbro dike cross-cuts stratigraphy showing little alteration or deformation.

A variety of felsic intrusions occur within the volcanic sequence, both as dikes and sills. They have been described as quartz porphyry, feldspar porphyry and quartz-feldspar porphyry and are interpreted to predate the Stephen Lake Stock (Davies and Morin 1976a).

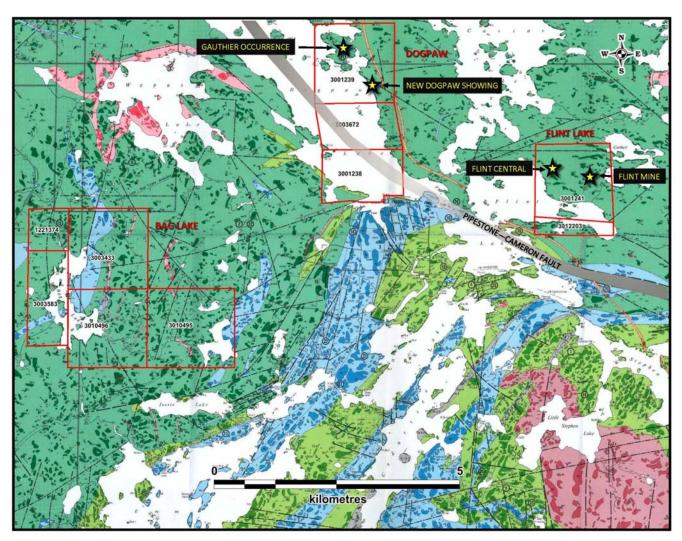


Figure 4: Property Geology Map

#### 7.0 EXPLORATION HISTORY

#### **Property History**

The following property history has been compiled largely by Des Cullen P. Geo, 2007. This is work is completed on or in close proximity to Endurance Gold claims.

**1944: E.M. Robertson and Company** Gold mineralization was reported and diamond drilling was done on one of these groups of claims.

**1944:** Frobisher Exploration Company Ltd. Prospecting and drilling of 51 holes totaling (2344 ft total) on the discovery vein. Mostly trace amounts of gold over narrow widths were reported on assay: one high assay of 3.13 ounces gold per ton was reported over 1.8 feet.

**1944-45:** Harry Silverman and Albert Gauthier jointly held a group of claims at Dogpaw Lake, the major portions of which are included in parts of NAUC claims 3001239 and 4213379. Most of the work was done at two places, one on the west side of a small bay on the northeast shore of Dogpaw Lake (now known as the Gauthier Occurrence), and the other on the east side of the same bay. Sylvanite Gold Mines Ltd. optioned the property in 1944. Numerous carbonatized zones that were interpreted to strike in various directions were outlined, sampled and assayed, and values ranging from trace amounts to 2.40 ounces gold per ton from a grab sample were obtained.

**1960-62: Noranda Mines Ltd.** Geological mapping and drilling as follow-up to airborne geophysical survey. Six holes were drilled (1594 ft total).

**1961: Selco Exploration Company Ltd.** geologically mapped a group of claims north of Bag Lake, parts of which are included in NAUC claims 1221374 and 3003583. The claims were optioned from W.A. Johnston and associates and have come to be known as the Jenson-Johnston Prospect. Diamond drilling of 7 holes (1637 ft total). Grab samples taken prior to the drilling at the main occurrence assayed from trace to 0.50 ounces gold per ton, and the highest value obtained from drill core was 0.23 ounces gold per ton over a 2.5 ft core length.

**1973-74:** Chester Kuryliw did geological mapping and ground magnetic surveys over each of two of his claim groups, one at Dogpaw Lake, the other at Caviar and Flint Lakes.

**1975:** Hudson Bay Exploration and Development Company Ltd. conducted an airborne electromagnetic survey directed at base metals at Stephen Lake area.

**1980:** Gulf Minerals Canada Ltd. diamond drilled 9 holes (1058m total) in exploration for gold at the Knapp Prospect at the north end of Bag Lake.

- **1980:** Noranda Mines Ltd. did ground magnetometer and IP surveys and geological mapping on their claim group between Flint and Corbett Lakes.
- **1981:** Noranda Mines Ltd. completed ground magnetometer and IP survey over the Martin option generating several targets. The targets were drilled in a 7 diamond drill hole program. All drill holes were very short, under 100 feet, and intersected several quartz veins and zones of intense silicification. No assay results are listed.
- **1983: Rio Canex Inc.** diamond drilled 3 holes at the north end of Weisner Lake on the same zone that had been previously tested for base metals by Noranda (1960-2) and Goldray (1971, 1975). However, these 3 holes were considerably longer (1849m or 6066 ft total).
- **1983:** Southwind Resources Explorations Ltd. (551970 Ontario Ltd.) conducted ground magnetic and electromagnetic surveys on a claim group east of Weisner Lake, all but the eastern portion of which encompasses parts of NAUC claim 3011344.
- **1983-84: FTM Resources Inc.** did magnetic and VLF electromagnetic surveys, a geological survey, stripping and trenching, sampling for assay and soil sampling, all over a claim group that straddled Dogpaw Lake and included the Gauthier Occurrence on the east shore. Assays of 1762ppb gold and 1913ppb gold were obtained from one of the new zones, and 0.686 and 0.275 ounces gold per ton from the older Gauthier Occurrence zone.
- **1983, 86: FGM Management and Gold Corporation** sampled for gold on a group of claims at Dogpaw Lake that include parts or all of NAUC claim 3001239. These incorporate the Gauthier Occurrence, previously investigated by FTM Resources Ltd. in 1983-1984. No sample location map is available in the Assessment Files; however, assays above 1 ounce gold per ton were obtained from 4 samples, including one of 3.95 ounce gold per ton from a quartz vein. Three holes were diamond drilled (699 ft total), all to intersect a northwest-trending shear at the Gauthier Occurrence: best assay reported was 0.062 ounce gold per ton for a 1.4 ft core length.
- **1983-84: Frances Resources Ltd.** stripping, preparation of portal and shaft sinking on the number 3 vein in the Wensley Occurrence previously held by Noranda and Roy A. Martin and called the Martin Option. The portal lies on NAUC claim 4210010.
- **1984:** Rolls Resources Ltd. (539258 Ontario Ltd.) ground magnetic and electromagnetic surveys over a claim group at and southeast of Little Stephen Lake that included parts of NAUC claims 3011344, 3011345 and 3011346.
- **1984:** Sault Meadows Energy Corporation flew airborne magnetic and electromagnetic surveys over three widely separated areas at the north end of Emm Bay, between Flint and Caviar Lakes, and between Cedartree and Wicks Lakes that covered a number of NAUC claims in those areas.

**1984-85:** Flint Rock Mines Ltd. completed geological mapping and airborne electromagnetic and magnetic surveys directed at gold exploration over a claim group between Little Stephen and Weisner Lakes.

1984, 86: Micham Exploration Inc. completed an airborne electromagnetic and magnetic surveys, geological mapping and follow-up diamond drilling directed at gold exploration on a group of claims between Dogpaw, Caviar and Flint Lakes, that included the Flint Lake Mine Occurrence. The claims are included in all or parts of NAUC claims 4213379, 3003672, 3001238, 4213380, 4213381 and 3001241. A new gold showing north of the mine assayed 263 ppb gold; while a 902 ppb assay was obtained from an outcrop adjacent to a regionally extensive Proterozoic age diabase dike located close to the south end of Dogpaw Lake. The drilling consisted of four holes (543 ft total) all drilled to test the zone that hosts the Flint Lake Mine Occurrence: trace amounts of gold were typically assayed, the best assay being 0.014 ounce gold per ton over a 2 ft core length. Eighteen samples of "cobbed ore" taken from the old stockpile at the mine assayed from trace to 8.36 ounces gold per ton, for an average of 2.70 ounces per ton.

1985-89: Dunfrazier Gold Corporation Inc. acquired by staking a large claim holding now included in portions or all of NAUC claims 1221374, 3003433, 3010496, 4213375, 4213377, 3010495 and 3003583. Over a 5-year period, geological, magnetic and biogeochemical surveys were conducted over all or portions of the ground, and follow-up diamond drilling, trenching and sampling for assay done, all directed at gold exploration. Ogden (1985a) identified numerous targets and was of the opinion that strong north trending zones had not been recognized in previous work including drilling by Gulf Minerals Canada Ltd. in 1980. In 1985, 10 holes (3920 ft total) were drilled on various targets (Ogden 1985b). Four holes were drilled on the Knapp prospect, previously drilled by Gulf: Ogden targeted two of these holes to test one of the northerly lineaments. Anomalous gold values were obtained on assay, the highest being 1200 ppb over a 2.7 ft core length and 6795 ppb over a 2.5 ft length.

**1987-88: Granges Exploration Ltd.** opened up a trench on present NAUC claim 1221374, from which 6 samples were taken for assay, the highest returning 14.30 grams per tonne across 1m. Subsequently the company did electromagnetic and magnetic surveys across a claim group that included NAUC claims 1221374 and 3003583. Diamond drilling of 12 holes (1390m total) was done to test northerly-trending geophysical targets. Seven of the holes were drilled in the vicinity of the Jenson-Johnston Prospect, which was previously examined and drilled by Selco in 1961, south of, but close to the Cameron Lake Road. The rest were located to the south, on the west side of Bag Lake: two of the holes lay just outside and to the west of the NAUC claim group. The drilling confirmed gold at the original occurrence, with a best assay of 34.90 grams per tonne for a core length of 0.25 m.

**1988: Joe Hinzer and John Ternowesky** conducted an airborne magnetic and electromagnetic survey over a claim group that extended from the north end of Mongus Lake north-northwestward to Little Stephen Lake and included Weisner Lake.

**1988 Teeshin Resources** completed a large exploration program including diamond drilling and 350 feet of drifting on the number 3 vein on the Wensley Occurrence, now NAUC claim 4210010. Conclusions of the program were that the gold is in the vein only and so limited to narrow, uneconomic widths. Further exploration was recommended to further investigate the potential of the vein down dip and along strike.

**1997-88:** Avalon Ventures Ltd., conducted: a ground magnetometer survey, an induced polarization/resistivity survey, geological mapping, rock geochemistry and soil sampling (mobile metal ion technology), on a claim group that covers part or all of NAUC claims 4213381 and 3001241.

**1997-99: Starcore Resources Ltd.** conducted a ground magnetometer survey, an induced polarization/resistivity survey, geological mapping, rock geochemistry and soil sampling (mobile metal ion technology) on a claim group that covers parts or all of NAUC claims 3001238, 3001239, 4213379, 4213380 and 3003672.

**1997-98, 2000: Hornby Bay Exploration Ltd.** conducted an airborne electromagnetic and magnetic survey over a large claim group that encompassed most of Kakagi Lake, eastward to Cameron Lake and northwestward to Cedartree Lake. A prospecting reconnaissance of the entire area was done in 1997-1998. However, no gold values were obtained on assay of samples taken on present NAUC ground. Detailed geological mapping was done in small selected areas in 2000, including west of Wicks Lake on leased claim CLM368.

**1998: Ken Fenwick**, as part of a prospecting program on his claims in the vicinity of Highway 71 that included NAUC claims 1221374 and 3003583, obtained gold assays of 1100 ppb and 1500 ppb from shear zones close to the Cameron Lake road in proximity to the Jenson-Johnston Prospect.

**2000: Hornby Bay Exploration Limited** completed a short, four day, geological mapping program over the Wensley Occurrence covering NAUC claim 4210010. High grade gold assays were returned from grab samples in the area as well as elevated PGM values.

**2003: 6172342 Canada Ltd.**, as part of a prospecting program on their claims in the vicinity of northeast Bag Lake, (that currently include NAUC claims 1221374 and 3003433), grab sampling obtained gold assays ranging between 123 ppb and 47746 ppb, from twenty-two samples.

**2004: 6172342 Canada Ltd.,** as part of a short reconnaissance mapping program on their claim 3001275 (now NAUC's claim 4215379) in the vicinity of central Cedartree Lake and the historical Robertson Occurrence - grab sampling obtained no significant gold or PGE assays, from thirty samples.

**2003-04: Endurance Gold Corp.** completed a series of exploration programs on the Flint Lake Property between the summer of 2003 and the fall of 2004 (following

compilation work by Cunniah Lake Inc.). The work comprised prospecting, geological mapping, sampling, diamond drilling, line cutting, humus sampling, and airborne geophysics. Two new showings were discovered during this work, the Starlyght and the New Dogpaw Showings. Exploration completed by Endurance Gold Corp. on the Starlyght Showing fifteen grab samples taken in the area returned assayed gold values ranging from 3,189 ppb to 47,290 ppb. During the period February 28 through March 19, 2004, a seven hole, 850.4 metre diamond drilling program was completed on the Starlyght Showing and returned results up to 4.71 g/t Au over 0.3 metres.

**2007: North American Uranium Corp.** completed a 3 hole diamond drilling program during March 2007, in the vicinity of the Starlyght and Weisner Lake North Showings for a total of 765.0 meters. Two of the holes were laid out to test the Starlyght Occurrence while the third tested the Weisner Lake North Showing. The holes were oriented to test and intersect gold mineralization related to a strong, complex fracture-alteration system trending roughly north-south within the granodioritic Stephen Lake Stock. All three holes intersected zones of variably altered and mineralized granitic rocks, with altered-mineralized zones exhibiting variable silicification, iron-carbonate, potassium feldspar, sericite, epidote, chlorite and variable pyrite. Highlighted assays included 1.178g/t Au over 7.7m in hole DP-07-08, 1.4g/t Au over 5.0m in hole DP-07-09, and 0.564g/t Au over 3.8m in hole DP-07-10.

**2008: Metals Creek Resources Corp.** initiated a 2 week prospecting and mapping program to evaluate the property for gold potential, to become familiar with historic showings and to compile a basic geology map on the recently cut grid on the shore of Dogpaw Lake.

**2009:** Metals Creek Resources Corp. conducted a phase of prospecting of its northern claim block that encompassed areas around Flint and Caviar Lakes, Dogpaw Lake, as well as Bag Lake. With the prospecting, the Flint Lake mine site was located and highgrade gold values up to 133.206 g/t Au were reproduced, as historic assay certificates from the area had returned up to 8.36 oz/t Au in grab samples from Nuinsco Resources Ltd in 1986. Visible outcrop from the historic trenching was mapped. A majority of the quartz veining was historically blasted and removed from the trench and placed into muck piles at the northwestern end of the dugout area. Mapping was performed mainly of the wall rock with little exposed rock on the bottom of the trench. North-south traverses were conducted along the Flint Lake claim block for the purpose of prospecting and to map in lithologies to gain a better understanding of the geology on the property. Numerous historic, small pits were located as well as shear zones, most with similar geology to that of the Flint Lake Mine site. The area around another historic showing named Flint Lake North, approximately 1.6km northwest of the Flint Lake Mine site, was prospected with a fair amount of success. The original blasted trench and rubble piles were located and sampled as well as a new showing to the southeast towards the Flint Lake Mine site. The newly discovered area appears to be a silicified mafic volcanic hosted by a strongly iron carbonated shear zone containing up to 15% pyrite locally. Prospecting was also done along strike of the Bag Lake South showing and returned favourable lithologies as a widening quartz-carbonate flooded shear zone was sampled roughly 100m to the northwest. The original Bag Lake South showing, which in 2008 returned gold values of 15.906g/t, was manually stripped to expose a 20cm to 1.0m wide quartz vein and anything that was possible of what appeared to be a larger silicified dioritic body. Channel cuts were taken every 5 meters along the trench with samples being broken out by rock type. Samples were taken of massive mafic volcanics, sheared mafic volcanics, massive quartz veining and silicified diorite.

One day was spent examining thin quartz veins at the southern end of Dogpaw Lake as well as prospecting around the historically worked Gauthier Occurrence. The quartz veins at the south end of Dogpaw Lake were sampled in 2008 with some sporadic gold values obtained. Due to the height of the water in 2009, mapping of these areas was difficult as most of the previous sampling was covered by water. Areas that were visible showed larger, rusty, carbonatized shear zones hosting thin, boudin-like quartz veins ranging from 5cm up to 0.7m wide.

**2012: Metals Creek Resources Corp.** conducted a mechanical trenching program in the areas of the Flint Lake high-grade quartz veins and the Stephens Lake Stock. Five trenches were completed at Flint Lake and six at Stephens Lake. Washing and channel sampling of the trenches was done in both locations. Assay results of 7.80g/t Au over 3.1m were attained from quartz flooding in the vicinity of the Flint Lake mine. The lower-grade and more pervasive mineralization was obtained from the Stephens Lake trenching, yielding 1.43g/t Au over 21.0m.

**2013: Metals Creek Resources Corp.** conducted a phase of prospecting focusing mainly along claim boundaries of its northern claim block encompassing the areas around Flint Lake, Caviar Lake, Dogpaw Lake, as well as Bag Lake. This small work program consisted of 13 grab samples, two of which returned anomalous results of 0.435g/t Au and 0.187g/t Au on the shores of Caviar Lake and Dogpaw Lake respectively, where follow-up work was recommended.

**2014: Metals Creek Resources Corp.** conducted two prospecting programs to examine previously underexplored areas within Metals Creek's claim boundaries where favourable lithologies have been historically encountered. These areas included felsic intrusive units, which have previously shown to be anomalous in gold over vast areas, as well as smaller shear zones with the possibility of mineralized and auriferous quartz veining, stock working or blowouts. These programs were a direct attempt at more systematic sampling program to show any bulk tonnage, and to a lesser degree, high grade potential on the northern section of the property. Sporadic anomalous to low-grade values were encountered within the felsic intrusive units at Bag Lake, as well as in local shear zones east of the Flint Lake trenching.

**2015: Metals Creek Resources Corp.** conducted three separate prospecting programs to examine previously underexplored areas within the Metals Creek claim boundary, which have not historically been ground truthed by MEK personnel. These areas included felsic intrusive units uncovered in 2014, which have previously shown to be anomalous in gold over vast areas. The prospecting also targeted smaller shear zones within the Bag Lake area with the possibility of mineralized and auriferous quartz veining, stock working or

blowouts. These programs were a direct attempt at more systematic sampling program to show any bulk tonnage, and to a lesser degree, high grade potential on the northern section of the property. Sporadic anomalous to low-grade values were encountered within the felsic intrusive units at Bag Lake and minor anomalous gold values returned from the south ends of Dogpaw and Caviar Lakes. Traverses were conducted on the eastern portion of the claim block (east of Flint Mine) returning no anomalous values.

2016: Metals Creek Resources Corp. conducted some minor prospecting as well as small soil sampling programs in the areas of the New Dogpaw Showing, Flint Central and Jenson-Johnson gold occurrences. The work was initiated to try and trace mineralization along strike of the known mineralization with moderate success. Elevated gold in soil numbers were generated east of New Dogpaw to 12ppb gold and south of Flint Central over two lines to 21ppb gold. Much stronger gold in soils were generated along strike both north and south of the Jenson-Johnson occurrence at 89ppb and 219ppb respectively. Mechanical stripping of overburden took place in the areas of Flint Central and the Stephen Lake stock in the fall. Subsequent channel sampling took place in the trenches returning 5.63g/t gold over 1.2m and 5.90g/t gold over 1.0m at Flint Central. Trenching at Stephen Lake cut results of 0.94g/t Au over 12.0m including 1.44g/t Au over 6.0m from carbonatized and pyritized granodiorite.

#### 8.0 CURRENT PROGRAM

During the period of June 5<sup>th</sup> to 7<sup>th</sup> 2017, Metals Creek Resources personnel conducted a short prospecting program focusing on the claims of the Dogpaw Lake claims. The work consisted of prospecting and soil sampling as well as the evaluation of anomalous areas of previous sampling. A total of 31 rock and 33 soil samples were collected and sent to Actlabs in Thunder Bay for Au fire assay and ICP analysis.

The soil samples were collected on reconnaissance lines at an orientation of 45° to crosscut stratigraphy in the area of the Gauthier gold occurrence on peninsula on the eastern side of Dogpaw Lake. The lines to the west of the occurrence were spaced 100m apart in an attempt to try and locate an extension to the gold occurrence. Soil spacing's varied from 12.5m on the line immediately west of the occurrence to 25m further west. A single line of soils at nominal 12.5m spacings was conducted east of Gauthier to test an area that could potentially host mineralization on strike of gold bearing material found to the east. At one particular location (sample W33 – 142ppb Au) on this line during soil sampling, shards of intensely carbonate altered schist and quartz were augured. After some digging, it was discovered that an intensely sericite altered and mineralized schist was present.

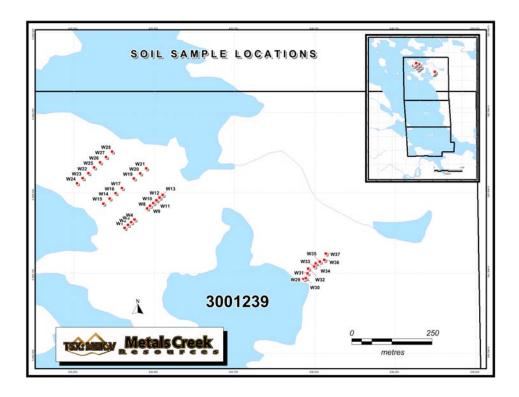
After the completion of the soils, more time and effort was spent hand stripping a portion of the alteration/mineralization zone to allow for better structural information and sampling. The structure is located at 435,995mE / 5,468,770mN striking approximately 300-90 and consists of a very fine-grained and silicous rhyolite hosting approximately 2-4% cubic pyrite. On the northern edge of this silicous/mineralized material is a highly friable sericite/carbonate schist with an extremely weathered rind. Quartz/carbonate veining to 10cm with 1-3% pyrite appears to be cutting the unit obliquely. The true

width of the alteration zone is presently unknown and further stripping is needed. Eight grabs (MAM17-37 to MAM17-38 and MAM17-40 to MAM17-45) from this area returned to 0.67g/t gold.

Some time was spent at an area of 2010 and 2016 sampling that had discovered pyritized quartz veinlets brecciating pillows yielding to 1.12g/t gold. During this program, time was spent digging around in the area leading to the discovery of well mineralized 4-5% pyrite and silicified material that hosts quartz veining with 1-2% pyrite and trace chalcopyrite. The width of the zone at this point is unknown, as it was traced along strike and sampled for approximately 4m. Samples MAM17-26 to MAM17-30 were collected here returning up to 0.42g/t gold.

A sericite shear zone with moderate pyritization and cross-cutting quartz veining located on the south shore of Dogpaw Lake was visited again after returning weakly anomalous gold in 2016 sampling to 54ppb Au. The deformation zone is striking 067-90 and is approximately 3m wide. Two samples were collected here (MAM17-15 and MAM17-16) returning to 21ppb gold.

A deformation that runs through Dogpaw Lake was exposed on an island as well as a point on the western edge of the claims as a result of fairly low water. The deformation is likely a splay off of the Pipestone-Cameron Lake deformation zone that lies immediately to the east through Dogpaw Lake. Intense shearing at 289-75N with associated carbonate-sericite and localized silicification as well as quartz veining. Very little sulphide mineralization. Samples MAM17-19 to MAM17-25 were collected within the deformation zone yielding nothing over detection limit for gold.



PROSPECTING SAMPLE LOCATIONS MAM17-40 MAM17-38 MAM17-37 MAM17-42 MAM17-43 MAM17-35 MAM17-34 MAM17-44 MAM17-45 MAM17-33 MAM17-26 DOGPAW LAKE MAM17-27 MAM17-39 MAM17-28 MAM17-29 MAM17-30 MAM17-32 MAM17-25 MAM17-24 MAM17-22 MAM17-19 MAM17-23 \_MAM17-20 MAM17-21 3001238 MAM17-15 MAM17-17 MAM17-16 MAM17-18 1,000 metres

Figure 5: Soil Sample Location Map

Figure 6: Grab Sample Location Map

#### 9.0 CONCLUSION AND RECOMMENDATIONS

Based upon the assay data obtained from this and previous work programs, it appears evident that the most prospective area of this claim group remains in the northern claim (3001239), which hosts the New Dogpaw showing, Gauthier occurrence as well as the newly generated areas of anomalous gold mineralization; 'A' and 'B'. See accompanying maps in Appendix V to illustrate results of the prospecting and soil sampling.

Although not of economic grade, these newly generated areas of anomalous gold mineralization are just scratching the surface and need much more work to understand the size and geometry of the structures. Areas A and B returned to 0.42g/t Au and 0.67g/t Au respectively and both exhibit a weak increase in pathfinder elements that could prove useful in soil sampling. These structures show elevated molybdenum (Mo), silver (Ag), vanadium (V), cobalt (Co) as well as sulfur (S) which is likely associated with higher sulphide content. These structures also show a weak depletion in sodium (Na). It is recommended that both of these anomalous gold zones be stripped off and washed thoroughly to better sample and gain understanding of controls on gold deposition.

The soil sampling appeared to be successful in generating anomalous samples both east and west of the Gauthier occurrence as seen in samples W13, W15, W16 and W33. These samples were well above the general background values for gold of approximately 5ppb. A slight increase in Ag and Co for samples W33 and W16 shows similar pathfinder elements to be anomalous like that of rock samples of anomalous grade. Because the soil sampling appears to be highlighting potential areas of gold mineralization, it is recommended that further soils be conducted north and east of the Gauthier occurrence at 12.5m spacings on lines 50m apart to better define the anomaly generated at W33. The focus of the program(s) is to see if the gap between areas 'A' and 'B' shows anything anomalous and perhaps links the two zones. See figure in Appendix V.

#### 10.0 REFERENCES

- Cullen, D. D. 2007. Technical Report on the Dogpaw Property, Kenora Mining Division; *report for* North American Uranium Corp., 50p.
- Heerema, D. 2016. 2016 Prospecting, Target Evaluation and Soil Sampling Report on Flint Lake and Dogpaw Portions of the Flint North Project, Kenora Mining Division, Northwestern Ontario.
- Jeffs, C. 2007. Geological Mapping Program, Dogpaw Lake Program, Kenora District; *report for* North American Uranium Corp., 16p.
- MacIsaac, M. 2007. March 2007 Diamond Drill Program, Dogpaw Lake Property, Kenora Mining Division; *report for* North American Uranium., 1, 5-7p.
- Ravnaas, C., Raoul, A. and Wilson, S. 2003. Kenora District; *in* Report of Activities 2002, Resident Geologist Program, Red Lake Regional Geologist, Ontario Geological Survey, Open File Report 6110, 51p.

.

### 11.0 STATEMENT OF QUALIFICATIONS

- I, Don Heerema Jr., hereby certify that:
  - 1. I am a practicing geologist in Thunder Bay, Ontario and reside at 26 Burriss St., Thunder Bay, Ontario, P7A 3C9.
  - 2. I am a graduate of Lakehead University with a HBSc. in Geology 2002.
  - 3. I am a Canadian Citizen.
  - 4. I have practiced my profession full time since graduation in 2002.
  - 5. I am a practicing member of the Association of Professional Geoscientists of Ontario. (Registration #1528)
  - 6. I do not have, nor do I expect to receive, directly or indirectly, any interest in the properties of Metals Creek Resources.

Signature:

Date: <u>June 22, 2017</u>

## APPENDIX I

List of Sample #'s, UTM Coordinates and Assay Values

Sample	Easting	Northing	Elevation	Description	Au ppb
MAM17-15	435962.38	5465954.65	329.37	sericite schist, light buff grey, sil, mod sericite, fol, cross-cutting qv's, 1-3% py, 067-90	16
MAM17-16	435956.07	5465955.64	328.17	sericite schist, light buff grey, sil, mod sericite, fol, cross-cutting qv's, 1-3% py, 067-90	21
MAM17-17	435605.22	5465989.70	337.07	sericite schist, carb alt, minor py, strong sheared, brown-green	< 5
MAM17-18	435599.93	5465971.46	340.67	carb alt sericite schist, alt'd pillow vol, mod-strong carb, tr diss py, sheared	37
MAM17-19	435277.23	5466845.98	330.58	quartz vein in sericite schist, 0.5m wide, 30% quartz, carb alt, strong sericite host rock, minor diss py, 289-70N	< 5
MAM17-20	435287.63	5466859.69	331.78	carb alt sericite schist, tr cubic pyrite weathered 289-70N	< 5
MAM17-21	435287.00	5466861.27	333.22	super silicous sericite schist, cross-cutting 1-2mm quartz veinlets dipping shallow to NW $^{\sim}$ 45 degrees	< 5
MAM17-22	434980.32	5467060.75	329.86	quartz -sericite schist, sheared, sil, minor pyrite, carb alt, 289-90	< 5
MAM17-23	434981.07	5467062.51	328.65	quartz vein with sheared mv, near contact with sericite schist, carb alt	9
MAM17-24	434974.20	5467163.51	330.34	mafic vol, unalt, tr-1% finely diss py, local bull white quartz veinlets	< 5
MAM17-25	434970.78	5467170.58	329.62	carb alt sericite schist, 3-5% quartz stringers, sheared at 289-80N	< 5
MAM17-26	436480.93	5468428.30	357.49	alt rhyolite? Aphanitic, 1-5% finely diss pyrite, py stringers, minor quartz stringers	424
MAM17-27	436478.59	5468433.91	358.45	quartz vein, subcrop, 1-4% py, tr cpy, schistose appearance, 50-60% qtz and 40-50% alt rhyolite	104
MAM17-28	436481.05	5468412.34	357.25	qtz boulders, 0.5 x 0.5 x 0.5m subcrop, rusty, 1-3% py, brownish white	10
MAM17-29	436479.58	5468421.60	360.38	rusty quartz vein within mineralized host silicous rock, 1-4% diss py, rusty quartz veins with tr - 2% py	52
MAM17-30	436480.81	5468418.98	361.10	quartz vein, rusty, 1-3% diss py, laminated vein material, py stringers along 1-3mm dark bands within qtz	37
MAM17-31	436372.01	5468330.08	365.90	quartz vein within silicified pillow vol, rusty, tr-2% py	16
MAM17-32	435960.66	5468268.64	328.89	chlorite-sericite schist, rusty, carb alt, 1-2% py, quartz veinlets 5%	6
MAM17-33	435442.80	5468929.00	356.77	carb alt int-maf vol, mod sericite, minor py	< 5
MAM17-34	435477.02	5468926.45	356.77	int vol? mod sericite, locally sil, foliated, tr-0.5% finely diss py, carb alt	11
MAM17-35	435398.57	5468999.44	347.40	rhyolite, light-med green, aphanitic, hard, sil, wk-mod carb, minor diss py	< 5
MAM17-36	435310.08	5468924.37	334.42	small quartz vein within mv, weak carb alt, minor diss py	< 5
MAM17-37	435993.82	5468771.36	344.03	quartz vein, carb alt, 0.5-1% cubic py, sericite alt'd host, subcrop	312
MAM17-38	435997.25	5468770.40	342.11	quartz vein, carb alt, 0.5-1% cubic py, sericite alt'd host, subcrop	670
MAM17-39	436028.61	5468731.98	345.48	pillowed mv, dark green, f.gr, massive, rusty along fractures, 1-5% py - amygdules	9
MAM17-40	435995.28	5468771.85	348.12	rhyolite?, carb alt, rusty, sil, aph - f.gr, approx 300-90, 1-2% py	5
MAM17-41	435992.49	5468767.26	347.40	rhyolite?, carb alt, rusty, sil, aph - f.gr, approx 300-90, 1-2% py	237
MAM17-42	435992.48	5468764.19	347.40	rhyolite?, carb alt, rusty, sil, aph - f.gr, approx 300-90, 1-2% py	342
MAM17-43	435992.40	5468772.65	346.20	rhyolite, sil, greenish-grey, tr-1% diss py	6
MAM17-44	435989.63	5468770.33	345.96	quartz/carb vein within carb alt'd rhyolite, 1-2% py, tr-0.5% cpy	319
MAM17-45	435985.18	5468773.17	345.72	carb alt, intensely altered and weathered, brownish-rusty, minor quartz, tr-1% py	8

Sample	Ag ppm	Cd ppm	Cu ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Co ppm
MAM17-15	< 0.2	< 0.5	3	218	1	2	9	10	0.64	5	< 10	106	< 0.5	< 2	1.73	2
MAM17-16	0.3	< 0.5	3	174	< 1	3	8	27	0.58	4	< 10	87	< 0.5	< 2	1.06	2
MAM17-17	< 0.2	< 0.5	14	655	< 1	23	2	27	1.11	< 2	< 10	70	< 0.5	< 2	3.26	8
MAM17-18	< 0.2	< 0.5	55	501	< 1	50	< 2	55	1.95	< 2	< 10	74	< 0.5	< 2	1.65	14
MAM17-19	< 0.2	< 0.5	6	367	2	5	< 2	14	0.54	3	< 10	37	< 0.5	< 2	2.6	3
MAM17-20	< 0.2	< 0.5	10	516	1	8	< 2	63	0.41	9	< 10	43	< 0.5	< 2	1.9	8
MAM17-21	< 0.2	< 0.5	16	496	< 1	11	2	66	0.53	33	< 10	48	< 0.5	< 2	2.96	12
MAM17-22	< 0.2	< 0.5	5	757	< 1	11	5	29	0.55	2	< 10	37	< 0.5	< 2	4.15	11
MAM17-23	< 0.2	< 0.5	167	722	< 1	34	< 2	67	3	3	< 10	37	< 0.5	< 2	2.56	29
MAM17-24	< 0.2	< 0.5	17	909	< 1	43	< 2	56	2.82	< 2	< 10	16	< 0.5	< 2	1.81	20
MAM17-25	< 0.2	< 0.5	106	1620	< 1	49	< 2	86	1.51	10	< 10	39	< 0.5	< 2	7.69	14
MAM17-26	1.6	< 0.5	131	1160	1	94	5	67	1.2	3	< 10	42	1.4	< 2	5.23	36
MAM17-27	0.9	< 0.5	11	640	9	40	4	28	0.41	< 2	< 10	23	< 0.5	< 2	3	17
MAM17-28	0.2	< 0.5	2	130	4	5	< 2	< 2	0.04	< 2	< 10	12	< 0.5	< 2	0.11	2
MAM17-29	1.4	< 0.5	4	430	7	29	4	13	0.41	< 2	< 10	16	0.6	3	2.17	14
MAM17-30	0.6	< 0.5	2	317	5	19	4	9	0.31	< 2	< 10	11	< 0.5	2	1.45	8
MAM17-31	5.3	1	16	252	17	19	45	20	0.33	3	< 10	42	< 0.5	68	0.54	6
MAM17-32	< 0.2	< 0.5	105	1190	1	59	4	96	1.51	2	< 10	25	< 0.5	< 2	> 10.0	19
MAM17-33	< 0.2	< 0.5	7	504	< 1	28	< 2	69	1.53	< 2	< 10	91	< 0.5	< 2	1.15	9
MAM17-34	0.2	< 0.5	14	445	< 1	27	< 2	67	1.62	< 2	< 10	70	< 0.5	< 2	1.64	9
MAM17-35	< 0.2	< 0.5	3	438	1	26	< 2	42	0.79	< 2	< 10	59	< 0.5	< 2	1.35	8
MAM17-36	< 0.2	< 0.5	31	871	2	29	< 2	35	1.29	< 2	< 10	51	< 0.5	< 2	0.61	15
MAM17-37	1.4	< 0.5	6	164	7	5	4	11	0.08	4	< 10	39	< 0.5	< 2	0.13	2
MAM17-38	3.2	< 0.5	9	224	7	6	4	16	0.09	4	< 10	49	< 0.5	< 2	0.17	4
MAM17-39	< 0.2	< 0.5	23	793	< 1	41	< 2	70	2.23	< 2	< 10	34	< 0.5	< 2	1.51	26
MAM17-40	< 0.2	< 0.5	125	1540	< 1	42	< 2	91	2.01	2	< 10	34	< 0.5	< 2	5.32	38
MAM17-41	1.8	< 0.5	112	513	3	15	6	82	0.58	63	< 10	59	< 0.5	< 2	0.62	19
MAM17-42	2.1	< 0.5	54	715	3	10	4	25	0.63	23	< 10	50	< 0.5	3	1.88	14
MAM17-43	< 0.2	< 0.5	163	1570	< 1	45	< 2	101	2.04	3	< 10	36	< 0.5	2	5.33	41
MAM17-44	1.4	< 0.5	7	260	4	6	< 2	13	0.08	5	< 10	35	< 0.5	< 2	0.28	3
MAM17-45	< 0.2	< 0.5	38	2130	4	48	< 2	125	0.63	3	< 10	219	< 0.5	2	1.62	43

Sample	Cr ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Na %	Р%	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Th ppm	Te ppm
MAM17-15	15	0.87	< 10	< 1	0.27	< 10	0.04	0.087	0.022	0.34	< 2	< 1	79	< 0.01	< 20	1
MAM17-16	13	0.96	< 10	< 1	0.22	12	0.11	0.067	0.026	0.31	< 2	< 1	40	< 0.01	< 20	4
MAM17-17	32	1.87	< 10	< 1	0.18	< 10	0.95	0.159	0.041	< 0.01	< 2	1	93	< 0.01	< 20	5
MAM17-18	75	2.98	< 10	< 1	0.2	12	1.13	0.109	0.059	< 0.01	3	3	54	< 0.01	< 20	4
MAM17-19	27	1.57	< 10	< 1	0.1	< 10	0.17	0.139	0.052	< 0.01	< 2	1	62	< 0.01	< 20	< 1
MAM17-20	15	1.97	< 10	< 1	0.09	19	0.13	0.131	0.066	< 0.01	< 2	2	33	< 0.01	< 20	3
MAM17-21	14	2.24	< 10	< 1	0.14	18	0.51	0.152	0.06	< 0.01	< 2	2	77	< 0.01	< 20	2
MAM17-22	7	2.82	< 10	< 1	0.08	< 10	1.24	0.157	0.038	< 0.01	< 2	2	77	< 0.01	< 20	1
MAM17-23	13	7.25	< 10	< 1	0.03	< 10	2.6	0.059	0.023	0.07	4	20	46	< 0.01	< 20	< 1
MAM17-24	180	4.46	< 10	< 1	< 0.01	< 10	2.3	0.027	0.014	< 0.01	< 2	15	53	0.17	< 20	1
MAM17-25	43	7.19	< 10	< 1	0.1	< 10	2.73	0.15	0.016	< 0.01	2	18	161	< 0.01	< 20	< 1
MAM17-26	73	7.4	< 10	< 1	0.57	< 10	2.52	0.097	0.019	2.34	3	17	81	0.05	< 20	< 1
MAM17-27	42	3.64	< 10	< 1	0.08	< 10	0.86	0.097	0.019	1.93	< 2	7	33	< 0.01	< 20	< 1
MAM17-28	42	1.03	< 10	< 1	< 0.01	< 10	0.02	0.032	0.004	0.17	< 2	< 1	2	< 0.01	< 20	< 1
MAM17-29	47	2.55	< 10	< 1	0.01	< 10	0.48	0.077	0.013	1.29	< 2	5	20	< 0.01	< 20	< 1
MAM17-30	44	1.86	< 10	< 1	< 0.01	< 10	0.38	0.058	0.007	0.63	< 2	3	16	< 0.01	< 20	< 1
MAM17-31	60	2.5	< 10	< 1	0.28	< 10	0.42	0.069	0.006	0.63	< 2	3	3	0.03	< 20	1
MAM17-32	11	4.79	< 10	1	0.12	< 10	1.09	0.077	0.014	0.43	< 2	2	177	< 0.01	< 20	1
MAM17-33	24	2.57	< 10	< 1	0.22	< 10	0.63	0.119	0.038	< 0.01	< 2	2	32	< 0.01	< 20	< 1
MAM17-34	24	2.38	< 10	< 1	0.2	< 10	0.93	0.108	0.039	0.12	< 2	2	49	< 0.01	< 20	< 1
MAM17-35	23	1.45	< 10	< 1	0.13	< 10	0.26	0.155	0.037	< 0.01	< 2	1	34	< 0.01	< 20	1
MAM17-36	49	2.92	< 10	< 1	0.12	11	0.78	0.029	0.021	< 0.01	< 2	3	10	< 0.01	< 20	< 1
MAM17-37	42	1.9	< 10	< 1	0.02	< 10	0.01	0.047	0.01	0.19	< 2	1	4	< 0.01	< 20	2
MAM17-38	32	2.54	< 10	< 1	0.05	< 10	0.02	0.056	0.011	0.37	< 2	2	5	< 0.01	< 20	4
MAM17-39	31	6.37	10	1	0.03	< 10	1.47	0.15	0.042	0.11	3	9	12	0.44	< 20	7
MAM17-40	22	8.46	< 10	< 1	0.15	< 10	1.96	0.091	0.036	0.3	4	12	37	< 0.01	< 20	< 1
MAM17-41	11	5.44	< 10	< 1	0.25	< 10	0.11	80.0	0.074	1.11	3	4	15	< 0.01	< 20	6
MAM17-42	7	4.26	< 10	< 1	0.22	< 10	0.24	0.096	0.063	1.82	3	3	16	< 0.01	< 20	8
MAM17-43	20	8.99	< 10	3	0.1	< 10	2.03	0.074	0.04	0.37	4	12	35	< 0.01	< 20	< 1
MAM17-44	38	1.73	< 10	< 1	0.01	< 10	0.02	0.05	0.013	0.33	< 2	1	4	< 0.01	< 20	< 1
MAM17-45	11	11.6	< 10	< 1	0.12	< 10	0.51	0.075	0.072	0.05	4	9	32	< 0.01	< 20	3

Sample	TI ppm	U ppm	V ppm	W ppm	Y ppm	Zr ppm
MAM17-15	< 2	< 10	3	< 10	3	12
MAM17-16	< 2	< 10	3	< 10	2	11
MAM17-17	< 2	< 10	13	< 10	2	4
MAM17-18	< 2	< 10	31	< 10	3	2
MAM17-19	< 2	< 10	6	< 10	1	4
MAM17-20	< 2	< 10	13	< 10	2	2
MAM17-21	< 2	< 10	12	< 10	2	3
MAM17-22	< 2	< 10	9	< 10	3	4
MAM17-23	< 2	< 10	199	< 10	2	4
MAM17-24	< 2	< 10	104	< 10	4	3
MAM17-25	< 2	< 10	60	< 10	3	4
MAM17-26	< 2	< 10	124	< 10	7	9
MAM17-27	< 2	< 10	27	< 10	3	4
MAM17-28	< 2	< 10	1	< 10	< 1	< 1
MAM17-29	< 2	< 10	13	< 10	3	3
MAM17-30	< 2	< 10	10	< 10	2	2
MAM17-31	< 2	< 10	22	< 10	2	4
MAM17-32	< 2	< 10	26	< 10	4	5
MAM17-33	< 2	< 10	15	< 10	2	8
MAM17-34	< 2	< 10	15	< 10	2	9
MAM17-35	< 2	< 10	11	< 10	2	5
MAM17-36	< 2	< 10	34	< 10	4	3
MAM17-37	< 2	< 10	3	< 10	< 1	2
MAM17-38	< 2	< 10	4	< 10	< 1	3
MAM17-39	< 2	< 10	190	< 10	16	19
MAM17-40	< 2	< 10	116	< 10	2	4
MAM17-41	< 2	< 10	19	< 10	3	6
MAM17-42	< 2	< 10	12	< 10	5	8
MAM17-43	< 2	< 10	123	< 10	2	4
MAM17-44	< 2	< 10	3	< 10	< 1	3
MAM17-45	< 2	< 10	82	< 10	9	3

Sample	Easting	Northing	Quality	Au ppb	Ag ppm	Cd ppm	Cu ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	AI %	As ppm
W1	435407.84	5468891.82	good	< 5	< 0.2	< 0.5	16	487	2	17	13	103	2.05	4
W2	435418.16	5468900.80	mod-good	5	< 0.2	< 0.5	8	587	< 1	17	7	74	1.66	< 2
W3	435428.47	5468909.45	good	6	0.5	< 0.5	49	1350	2	18	17	230	3.75	5
W4	435438.78	5468918.10	good	7	0.5	< 0.5	25	469	1	20	13	161	3.34	< 2
W8	435477.72	5468952.04	mod-good	< 5	< 0.2	< 0.5	7	213	< 1	11	5	37	0.97	< 2
W9	435487.37	5468960.36	mod-good	< 5	< 0.2	< 0.5	12	1060	< 1	16	8	71	1.78	< 2
W10	435497.36	5468969.01	good	< 5	< 0.2	< 0.5	7	139	2	13	7	37	1.71	< 2
W11	435507.01	5468977.33	mod-good	< 5	< 0.2	< 0.5	10	173	< 1	14	6	94	1.71	< 2
W12	435516.67	5468985.65	mod-good	< 5	< 0.2	< 0.5	13	154	< 1	15	9	168	2.14	3
W13	435526.32	5468993.96	mod-good	15	< 0.2	< 0.5	15	429	< 1	19	8	88	2.1	< 2
W14	435361.05	5468983.46	mod-good	22	< 0.2	< 0.5	27	274	< 1	22	5	57	1.48	< 2
W15	435341.66	5468967.60	moderate	5	< 0.2	< 0.5	11	270	< 1	15	5	61	1.64	< 2
W16	435380.26	5468999.47	good	19	0.3	< 0.5	17	799	3	15	7	217	1.77	2
W17	435399.83	5469015.48	good	< 5	< 0.2	< 0.5	10	304	< 1	20	4	47	1.31	< 2
W19	435437.00	5469045.90	moderate	10	< 0.2	< 0.5	52	876	< 1	43	16	115	3.34	< 2
W20	435456.22	5469061.55	moderate	< 5	< 0.2	< 0.5	53	1440	< 1	47	16	113	3.78	< 2
W21	435474.72	5469077.21	moderate	< 5	< 0.2	< 0.5	9	527	< 1	24	10	64	2.12	< 2
W22	435295.55	5469062.63	moderate	< 5	< 0.2	< 0.5	14	449	< 1	21	4	68	1.58	< 2
W23	435277.61	5469046.22	mod-good	< 5	< 0.2	< 0.5	10	339	< 1	20	3	74	1.46	< 2
W24	435259.68	5469030.25	good	< 5	< 0.2	< 0.5	26	569	< 1	24	8	74	2.7	< 2
W25	435313.48	5469079.60	moderate	< 5	< 0.2	< 0.5	6	234	< 1	15	6	62	1.31	2
W26	435331.88	5469096.07	moderate	< 5	< 0.2	< 0.5	36	1000	< 1	43	16	90	3.07	< 2
W27	435350.28	5469112.53	moderate	< 5	< 0.2	< 0.5	33	1670	< 1	44	11	141	2.93	< 2
W28	435368.70	5469129.01	moderate	< 5	< 0.2	< 0.5	5	348	< 1	13	5	72	1.17	< 2
W29	435965.23	5468732.73	good	< 5	< 0.2	< 0.5	30	717	< 1	36	9	62	3.07	3
W30	435971.15	5468735.63	good	< 5	< 0.2	< 0.5	19	778	< 1	29	9	65	2.69	3
W31	435977.33	5468750.54	mod-good	< 5	< 0.2	< 0.5	6	265	< 1	15	5	54	1.33	< 2
W32	435978.40	5468765.60	good	< 5	< 0.2	< 0.5	4	324	< 1	12	5	47	1.16	< 2
W33	435996.97	5468771.29	good	142	0.8	0.5	116	1670	15	23	13	177	8.0	52
W34	436002.39	5468781.04	very good	< 5	< 0.2	< 0.5	23	746	< 1	25	7	170	2.35	2
W35	436015.46	5468786.79	moderate	< 5	< 0.2	< 0.5	19	2960	2	26	9	106	2.21	< 2
W36	436028.81	5468792.07	good	< 5	< 0.2	< 0.5	16	298	< 1	16	6	66	1.43	< 2
W37	436033.57	5468811.59	good	< 5	< 0.2	< 0.5	12	839	1	20	4	60	1.88	< 2

Sample	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Co ppm	Cr ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Na %	Р%	S %
W1	< 10	137	< 0.5	< 2	0.3	8	43	4.03	< 10	< 1	0.1	12	0.48	0.027	0.07	0.03
W2	< 10	109	< 0.5	< 2	0.39	10	29	1.93	< 10	< 1	0.07	14	0.52	0.022	0.033	0.01
W3	< 10	231	0.8	3	0.39	9	32	4.09	10	1	0.17	15	0.44	0.027	0.166	0.03
W4	< 10	143	0.5	< 2	0.42	11	40	3.32	10	< 1	0.12	11	0.71	0.032	0.134	0.02
W8	< 10	40	< 0.5	< 2	0.35	5	23	1.19	< 10	< 1	0.04	15	0.35	0.024	0.027	< 0.01
W9	< 10	131	< 0.5	< 2	0.41	14	32	1.65	< 10	< 1	0.1	16	0.46	0.027	0.04	0.02
W10	< 10	70	< 0.5	< 2	0.38	5	30	1.42	< 10	< 1	0.08	14	0.44	0.028	0.036	0.02
W11	< 10	65	< 0.5	< 2	0.28	6	33	2	< 10	< 1	0.06	14	0.41	0.026	0.04	0.01
W12	< 10	83	< 0.5	< 2	0.24	6	37	2.28	< 10	< 1	0.08	13	0.44	0.026	0.124	0.02
W13	< 10	133	0.6	< 2	0.49	11	39	1.96	< 10	< 1	0.16	16	0.5	0.027	0.031	0.01
W14	< 10	69	< 0.5	< 2	0.55	10	40	2.12	< 10	< 1	0.07	15	0.67	0.032	0.028	< 0.01
W15	< 10	90	< 0.5	< 2	0.31	9	28	1.67	< 10	< 1	0.08	20	0.43	0.026	0.023	< 0.01
W16	< 10	120	< 0.5	< 2	0.17	10	24	3.51	< 10	< 1	0.11	14	0.24	0.027	0.078	0.02
W17	< 10	74	< 0.5	< 2	0.5	9	34	1.8	< 10	< 1	0.14	17	0.63	0.037	0.035	< 0.01
W19	10	204	1	< 2	0.52	24	70	3.98	< 10	< 1	0.51	22	1.68	0.06	0.036	0.01
W20	10	247	1.2	< 2	0.64	27	76	4.51	10	2	0.56	21	1.84	0.062	0.032	0.02
W21	< 10	154	0.6	< 2	0.41	11	42	2.08	< 10	< 1	0.26	15	0.6	0.029	0.024	0.01
W22	< 10	102	< 0.5	< 2	0.38	11	41	2.04	< 10	< 1	0.23	14	0.79	0.033	0.036	0.01
W23	< 10	102	< 0.5	< 2	0.43	10	39	2.04	< 10	< 1	0.2	14	0.74	0.032	0.036	0.01
W24	< 10	98	0.5	< 2	0.33	10	49	2.87	< 10	< 1	0.1	11	0.72	0.026	0.08	0.01
W25	< 10	55	< 0.5	< 2	0.47	7	37	1.78	< 10	< 1	0.11	16	0.52	0.032	0.04	< 0.01
W26	< 10	205	0.7	< 2	0.85	23	72	4.42	< 10	2	0.52	24	1.73	0.073	0.059	0.01
W27	< 10	281	0.8	< 2	0.72	25	66	3.77	< 10	< 1	0.44	21	1.51	0.06	0.047	0.01
W28	< 10	79	< 0.5	< 2	0.41	8	32	1.39	< 10	< 1	0.1	15	0.4	0.03	0.017	< 0.01
W29	< 10	189	8.0	< 2	0.58	13	63	3.35	< 10	< 1	0.38	17	1.07	0.048	0.026	0.01
W30	< 10	240	8.0	< 2	0.53	14	52	2.71	< 10	< 1	0.32	17	0.79	0.036	0.044	0.02
W31	< 10	79	< 0.5	< 2	0.35	7	31	1.77	< 10	< 1	0.06	14	0.44	0.027	0.033	< 0.01
W32	< 10	88	< 0.5	< 2	0.4	7	28	1.41	< 10	< 1	0.07	14	0.39	0.028	0.017	< 0.01
W33	< 10	51	< 0.5	5	0.71	28	10	8.68	< 10	1	0.12	< 10	0.16	0.023	0.18	0.21
W34	< 10	136	< 0.5	< 2	0.33	17	60	3.1	< 10	< 1	0.1	12	0.73	0.023	0.067	0.02
W35	< 10	257	0.6	< 2	0.45	26	39	2.34	< 10	< 1	0.12	18	0.57	0.032	0.045	0.02
W36	< 10	63	< 0.5	< 2	0.38	9	32	1.87	< 10	< 1	0.06	12	0.46	0.028	0.021	< 0.01
W37	< 10	102	< 0.5	< 2	0.38	15	36	2.27	< 10	< 1	0.07	< 10	0.61	0.029	0.027	0.01

Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Th ppm	Te ppm	TI ppm	U ppm	V ppm	W ppm	Y ppm	Zr ppm
W1	< 2	3	15	0.11	< 20	2	< 2	< 10	72	< 10	3	2
W2	< 2	4	17	0.11	< 20	1	< 2	< 10	45	< 10	4	1
W3	< 2	4	17	0.04	< 20	< 1	< 2	< 10	65	< 10	3	3
W4	< 2	4	16	0.1	< 20	< 1	< 2	< 10	76	< 10	4	1
W8	< 2	3	16	0.08	< 20	1	< 2	< 10	32	< 10	5	< 1
W9	< 2	3	23	0.07	< 20	< 1	< 2	< 10	46	< 10	4	< 1
W10	< 2	3	22	0.09	< 20	< 1	< 2	< 10	43	< 10	4	2
W11	< 2	3	15	0.1	< 20	< 1	< 2	< 10	50	< 10	4	2
W12	< 2	3	18	0.09	< 20	< 1	< 2	< 10	55	< 10	3	2
W13	< 2	4	30	0.07	< 20	1	< 2	< 10	56	< 10	4	1
W14	< 2	4	20	0.14	< 20	2	< 2	< 10	50	< 10	5	4
W15	< 2	3	17	0.09	< 20	1	< 2	< 10	42	< 10	4	< 1
W16	< 2	2	14	0.02	< 20	< 1	< 2	< 10	44	< 10	2	1
W17	< 2	4	20	0.11	< 20	3	< 2	< 10	45	< 10	6	2
W19	2	9	32	0.12	< 20	< 1	< 2	< 10	92	< 10	7	6
W20	< 2	9	34	0.15	< 20	< 1	< 2	< 10	96	< 10	7	6
W21	< 2	4	33	0.08	< 20	< 1	< 2	< 10	57	< 10	4	3
W22	< 2	4	18	0.13	< 20	2	< 2	< 10	48	< 10	5	2
W23	< 2	4	18	0.13	< 20	3	< 2	< 10	48	< 10	5	2
W24	< 2	4	17	0.13	< 20	4	< 2	< 10	60	< 10	4	2
W25	< 2	4	25	0.12	< 20	1	< 2	< 10	43	< 10	5	4
W26	< 2	7	28	0.17	< 20	5	< 2	< 10	95	< 10	7	4
W27	< 2	7	28	0.16	< 20	< 1	< 2	< 10	75	< 10	7	4
W28	< 2	3	24	0.11	< 20	< 1	< 2	< 10	35	< 10	5	4
W29	< 2	7	32	0.12	< 20	1	< 2	< 10	81	< 10	5	6
W30	2	5	36	0.09	< 20	2	< 2	< 10	67	< 10	5	3
W31	< 2	3	18	0.1	< 20	< 1	< 2	< 10	44	< 10	4	2
W32	< 2	3	20	0.11	< 20	3	< 2	< 10	36	< 10	5	2
W33	4	3	19	0.01	< 20	7	< 2	< 10	26	< 10	2	2
W34	< 2	5	13	0.09	< 20	7	< 2	< 10	65	< 10	3	1
W35	< 2	4	22	0.09	< 20	< 1	< 2	< 10	58	< 10	5	1
W36	< 2	4	16	0.11	< 20	1	< 2	< 10	47	< 10	4	2
W37	< 2	4	18	0.11	< 20	< 1	< 2	< 10	60	< 10	4	1

## APPENDIX II

Personnel Involved with Prospecting Program

# <u>Personnel</u>

Michael MacIsaac PGeo

Don Heerema PGeo

## APPENDIX III

Laboratory Certificates of Analysis

### Quality Analysis ...



# Innovative Technologies

Date Submitted:07-Jun-17Invoice No.:A17-05702Invoice Date:16-Jun-17

Your Reference: Flint

Metals Creek Resources 93 Edinburgh Ave. Gander NL A1V 19C Canada

ATTN: Sandy Stares

# **CERTIFICATE OF ANALYSIS**

64 Rock and Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A17-05702** 

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

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D. Quality Control

ACTIVATION LABORATORIES LTD.

1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6 TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613 E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report: A17-05702

Analyte Symbol	Ag	Cd	Cu	Mn	Мо	Ni	Pb	Zn	AI	As	В	Ва	Ве	Bi	Ca	Со	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm		%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10		0.01	10	0.01
Method Code	AR-ICP	-	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP		AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP		AR-ICP	AR-ICP	AR-ICP
MAM17-15	< 0.2	< 0.5	3	218	1	2	9	10	0.64	5	< 10	106	< 0.5	< 2	1.73	2	15	0.87	< 10	< 1	0.27	< 10	0.04
MAM17-16	0.3	< 0.5	3	174	< 1	3	8	27	0.58	4	< 10	87	< 0.5	< 2	1.06	2	13	0.96	< 10	< 1	0.22	12	0.11
MAM17-17	< 0.2	< 0.5	14	655	< 1	23	2	27	1.11	< 2	< 10	70	< 0.5	< 2	3.26	8	32	1.87	< 10	< 1	0.18	< 10	0.95
MAM17-18	< 0.2	< 0.5	55	501	< 1	50	< 2	55	1.95	< 2	< 10	74	< 0.5	< 2	1.65	14	75	2.98	< 10	< 1	0.20	12	1.13
MAM17-19	< 0.2	< 0.5	6	367	2	5	< 2	14	0.54	3	< 10	37	< 0.5	< 2	2.60	3	27	1.57	< 10	< 1	0.10	< 10	0.17
MAM17-20	< 0.2	< 0.5	10	516	1	8	< 2	63	0.41	9	< 10	43	< 0.5	< 2	1.90	8	15	1.97	< 10	< 1	0.09	19	0.13
MAM17-21	< 0.2	< 0.5	16	496	< 1	11	2	66	0.53	33	< 10	48	< 0.5	< 2	2.96	12	14	2.24	< 10	< 1	0.14	18	0.51
MAM17-22	< 0.2	< 0.5	5	757	< 1	11	5	29	0.55	2	< 10	37	< 0.5	< 2	4.15	11	7	2.82	< 10	< 1	0.08	< 10	1.24
MAM17-23	< 0.2	< 0.5	167	722	< 1	34	< 2	67	3.00	3	< 10	37	< 0.5	< 2	2.56	29	13	7.25	< 10	< 1	0.03	< 10	2.60
MAM17-24	< 0.2	< 0.5	17	909	< 1	43	< 2	56	2.82	< 2	< 10	16	< 0.5	< 2	1.81	20	180	4.46	< 10	< 1	< 0.01	< 10	2.30
MAM17-25	< 0.2	< 0.5	106	1620	< 1	49	< 2	86	1.51	10	< 10	39	< 0.5	< 2	7.69	14	43	7.19	< 10	< 1	0.10	< 10	2.73
MAM17-26	1.6	< 0.5	131	1160	1	94	5	67	1.20	3	< 10	42	1.4	< 2	5.23	36	73	7.40	< 10	< 1	0.57	< 10	2.52
MAM17-27	0.9	< 0.5	11	640	9	40	4	28	0.41	< 2	< 10	23	< 0.5	< 2	3.00	17	42	3.64	< 10	< 1	0.08	< 10	0.86
MAM17-28	0.2	< 0.5	2	130	4	5	< 2	< 2	0.04	< 2	< 10	12	< 0.5	< 2	0.11	2	42	1.03	< 10	< 1	< 0.01	< 10	0.02
MAM17-29	1.4	< 0.5	4	430	7	29	4	13	0.41	< 2	< 10	16	0.6	3	2.17	14	47	2.55	< 10	< 1	0.01	< 10	0.48
MAM17-30	0.6	< 0.5	2	317	5	19	4	9	0.31	< 2	< 10	11	< 0.5	2	1.45	8	44	1.86	< 10	< 1	< 0.01	< 10	0.38
MAM17-31	5.3	1.0	16	252	17	19	45	20	0.33	3	< 10	42	< 0.5	68	0.54	6	60	2.50	< 10	< 1	0.28	< 10	0.42
MAM17-32	< 0.2	< 0.5	105	1190	1	59	4	96	1.51	2	< 10	25	< 0.5	< 2	> 10.0	19	11	4.79	< 10	1	0.12	< 10	1.09
MAM17-33	< 0.2	< 0.5	7	504	< 1	28	< 2	69	1.53	< 2	< 10	91	< 0.5	< 2	1.15	9	24	2.57	< 10	< 1	0.22	< 10	0.63
MAM17-34	0.2	< 0.5	14	445	< 1	27	< 2	67	1.62	< 2	< 10	70	< 0.5	< 2	1.64	9	24	2.38	< 10	< 1	0.20	< 10	0.93
MAM17-35	< 0.2	< 0.5	3	438	1	26	< 2	42	0.79	< 2	< 10	59	< 0.5	< 2	1.35	8	23	1.45	< 10	< 1	0.13	< 10	0.26
MAM17-36	< 0.2	< 0.5	31	871	2	29	< 2	35	1.29	< 2	< 10	51	< 0.5	< 2	0.61	15	49	2.92	< 10	< 1	0.12	11	0.78
MAM17-37	1.4	< 0.5	6	164	7	5	4	11	0.08	4	< 10	39	< 0.5	< 2	0.13	2	42	1.90	< 10	< 1	0.02	< 10	0.01
MAM17-38	3.2	< 0.5	9	224	7	6	4	16	0.09	4	< 10	49	< 0.5	< 2	0.17	4	32	2.54	< 10	< 1	0.05	< 10	0.02
MAM17-39	< 0.2	< 0.5	23	793	< 1	41	< 2	70	2.23	< 2	< 10	34	< 0.5	< 2	1.51	26	31	6.37	10	1	0.03	< 10	1.47
MAM17-40	< 0.2	< 0.5	125	1540	< 1	42	< 2	91	2.01	2	< 10	34	< 0.5	< 2	5.32	38	22	8.46	< 10	< 1	0.15	< 10	1.96
MAM17-41	1.8	< 0.5	112	513	3	15	6	82	0.58	63	< 10	59	< 0.5	< 2	0.62	19	11	5.44	< 10	< 1	0.25	< 10	0.11
MAM17-42	2.1	< 0.5	54	715	3	10	4	25	0.63	23	< 10	50	< 0.5	3	1.88	14	7	4.26	< 10	< 1	0.22	< 10	0.24
MAM17-43	< 0.2	< 0.5	163	1570	< 1	45	< 2	101	2.04	3	< 10	36	< 0.5	2	5.33	41	20	8.99	< 10	3	0.10	< 10	2.03
MAM17-44	1.4	< 0.5	7	260	4	6	< 2	13	0.08	5	< 10	35	< 0.5	< 2	0.28	3	38	1.73	< 10	< 1	0.01	< 10	0.02
MAM17-45	< 0.2	< 0.5	38	2130	4	48	< 2	125	0.63	3	< 10	219	< 0.5	2	1.62	43	11	11.6	< 10	< 1	0.12	< 10	0.51
W1	< 0.2	< 0.5	16	487	2	17	13	103	2.05	4	< 10	137	< 0.5	< 2	0.30	8	43	4.03	< 10	< 1	0.10	12	0.48
W2	< 0.2	< 0.5	8	587	< 1	17	7	74	1.66	< 2	< 10	109	< 0.5	< 2	0.39	10	29	1.93	< 10	< 1	0.07	14	0.52
W3	0.5	< 0.5	49	1350	2	18	17	230	3.75	5	< 10	231	0.8	3	0.39	9	32	4.09	10	1	0.17	15	0.44
W4	0.5	< 0.5	25	469	1	20	13	161	3.34	< 2	< 10	143	0.5	< 2	0.42	11	40	3.32	10	< 1	0.12	11	0.71
W8	< 0.2				< 1	11	5	<u> </u>	0.97	< 2	< 10	40		< 2	0.35	5	23	1.19		< 1	0.04	15	0.35
W9	< 0.2	< 0.5	12		< 1	16	8		1.78		< 10	131	< 0.5	< 2	0.41	14	32	1.65		< 1	0.10	16	0.46
W10	< 0.2		7		2	13	7	37	1.71	< 2	< 10	70		< 2	0.38	5	30	1.42	< 10	< 1	0.08	14	0.44
W11	< 0.2	-	10		< 1	14	6		1.71	< 2	< 10	65	< 0.5	< 2	0.28	6	33	2.00	< 10	< 1	0.06	14	0.41
W12	< 0.2		13		< 1	15	9		2.14	3	< 10	83		< 2	0.24	6	37	2.28		< 1	0.08	13	0.44
W13	< 0.2	-	15		< 1	19	8	88	2.10	< 2	< 10	133	_	< 2	0.49	11	39	1.96		< 1	0.16	16	0.50
W14	< 0.2	< 0.5	27	274	< 1	22	5	57	1.48	< 2	< 10	69	< 0.5	< 2	0.55	10	40	2.12	< 10	< 1	0.07	15	0.67
I	I	I	ı	I .	l I			l	ı	I	I	l	I	I	I .	l	I	ı	1	l I			1 1

Analyte Symbol	Ag	Cd	Cu	Mn	Мо	Ni	Pb	Zn	Al	As	В	Ва	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol		ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%						
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP																						
W15	< 0.2	< 0.5	11	270	< 1	15	5	61	1.64	< 2	< 10	90	< 0.5	< 2	0.31	9	28	1.67	< 10	< 1	0.08	20	0.43
W16	0.3	< 0.5	17	799	3	15	7	217	1.77	2	< 10	120	< 0.5	< 2	0.17	10	24	3.51	< 10	< 1	0.11	14	0.24
W17	< 0.2	< 0.5	10	304	< 1	20	4	47	1.31	< 2	< 10	74	< 0.5	< 2	0.50	9	34	1.80	< 10	< 1	0.14	17	0.63
W19	< 0.2	< 0.5	52	876	< 1	43	16	115	3.34	< 2	10	204	1.0	< 2	0.52	24	70	3.98	< 10	< 1	0.51	22	1.68
W20	< 0.2	< 0.5	53	1440	< 1	47	16	113	3.78	< 2	10	247	1.2	< 2	0.64	27	76	4.51	10	2	0.56	21	1.84
W21	< 0.2	< 0.5	9	527	< 1	24	10	64	2.12	< 2	< 10	154	0.6	< 2	0.41	11	42	2.08	< 10	< 1	0.26	15	0.60
W22	< 0.2	< 0.5	14	449	< 1	21	4	68	1.58	< 2	< 10	102	< 0.5	< 2	0.38	11	41	2.04	< 10	< 1	0.23	14	0.79
W23	< 0.2	< 0.5	10	339	< 1	20	3	74	1.46	< 2	< 10	102	< 0.5	< 2	0.43	10	39	2.04	< 10	< 1	0.20	14	0.74
W24	< 0.2	< 0.5	26	569	< 1	24	8	74	2.70	< 2	< 10	98	0.5	< 2	0.33	10	49	2.87	< 10	< 1	0.10	11	0.72
W25	< 0.2	< 0.5	6	234	< 1	15	6	62	1.31	2	< 10	55	< 0.5	< 2	0.47	7	37	1.78	< 10	< 1	0.11	16	0.52
W26	< 0.2	< 0.5	36	1000	< 1	43	16	90	3.07	< 2	< 10	205	0.7	< 2	0.85	23	72	4.42	< 10	2	0.52	24	1.73
W27	< 0.2	< 0.5	33	1670	< 1	44	11	141	2.93	< 2	< 10	281	0.8	< 2	0.72	25	66	3.77	< 10	< 1	0.44	21	1.51
W28	< 0.2	< 0.5	5	348	< 1	13	5	72	1.17	< 2	< 10	79	< 0.5	< 2	0.41	8	32	1.39	< 10	< 1	0.10	15	0.40
W29	< 0.2	< 0.5	30	717	< 1	36	9	62	3.07	3	< 10	189	0.8	< 2	0.58	13	63	3.35	< 10	< 1	0.38	17	1.07
W30	< 0.2	< 0.5	19	778	< 1	29	9	65	2.69	3	< 10	240	0.8	< 2	0.53	14	52	2.71	< 10	< 1	0.32	17	0.79
W31	< 0.2	< 0.5	6	265	< 1	15	5	54	1.33	< 2	< 10	79	< 0.5	< 2	0.35	7	31	1.77	< 10	< 1	0.06	14	0.44
W32	< 0.2	< 0.5	4	324	< 1	12	5	47	1.16	< 2	< 10	88	< 0.5	< 2	0.40	7	28	1.41	< 10	< 1	0.07	14	0.39
W33	0.8	0.5	116	1670	15	23	13	177	0.80	52	< 10	51	< 0.5	5	0.71	28	10	8.68	< 10	1	0.12	< 10	0.16
W34	< 0.2	< 0.5	23	746	< 1	25	7	170	2.35	2	< 10	136	< 0.5	< 2	0.33	17	60	3.10	< 10	< 1	0.10	12	0.73
W35	< 0.2	< 0.5	19	2960	2	26	9	106	2.21	< 2	< 10	257	0.6	< 2	0.45	26	39	2.34	< 10	< 1	0.12	18	0.57
W36	< 0.2	< 0.5	16	298	< 1	16	6	66	1.43	< 2	< 10	63	< 0.5	< 2	0.38	9	32	1.87	< 10	< 1	0.06	12	0.46
W37	< 0.2	< 0.5	12	839	1	20	4	60	1.88	< 2	< 10	102	< 0.5	< 2	0.38	15	36	2.27	< 10	< 1	0.07	< 10	0.61

Analyte Symbol	Na	Р	S	Sb	Sc	Sr	Ti	Th	Те	TI	U	V	W	Υ	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
MAM17-15	0.087	0.022	0.34	< 2	< 1	79	< 0.01	< 20	1	< 2	< 10	3	< 10	3	12	16
MAM17-16	0.067	0.026	0.31	< 2	< 1	40	< 0.01	< 20	4	< 2	< 10	3	< 10	2	11	21
MAM17-17	0.159	0.041	< 0.01	< 2	1	93	< 0.01	< 20	5	< 2	< 10	13	< 10	2	4	< 5
MAM17-18	0.109	0.059	< 0.01	3	3	54	< 0.01	< 20	4	< 2	< 10	31	< 10	3	2	37
MAM17-19	0.139	0.052	< 0.01	< 2	1	62	< 0.01	< 20	< 1	< 2	< 10	6	< 10	1	4	< 5
MAM17-20	0.131	0.066	< 0.01	< 2	2	33	< 0.01	< 20	3	< 2	< 10	13	< 10	2	2	< 5
MAM17-21	0.152	0.060	< 0.01	< 2	2	77	< 0.01	< 20	2	< 2	< 10	12	< 10	2	3	< 5
MAM17-22	0.157	0.038	< 0.01	< 2	2	77	< 0.01	< 20	1	< 2	< 10	9	< 10	3	4	< 5
MAM17-23	0.059	0.023	0.07	4	20	46	< 0.01	< 20	< 1	< 2	< 10	199	< 10	2	4	9
MAM17-24	0.027	0.014	< 0.01	< 2	15	53	0.17	< 20	1	< 2	< 10	104	< 10	4	3	< 5
MAM17-25	0.150	0.016	< 0.01	2	18	161	< 0.01	< 20	< 1	< 2	< 10	60	< 10	3	4	< 5
MAM17-26	0.097	0.019	2.34	3	17	81	0.05	< 20	< 1	< 2	< 10	124	< 10	7	9	424
MAM17-27	0.097	0.019	1.93	< 2	7	33	< 0.01	< 20	< 1	< 2	< 10	27	< 10	3	4	104
MAM17-28	0.032	0.004	0.17	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	< 1	10
MAM17-29	0.077	0.013	1.29	< 2	5	20	< 0.01	< 20	< 1	< 2	< 10	13	< 10	3	3	52
MAM17-30	0.058	0.007	0.63	< 2	3	16	< 0.01	< 20	< 1	< 2	< 10	10	< 10	2	2	37
MAM17-31	0.069	0.006	0.63	< 2	3	3	0.03	< 20	1	< 2	< 10	22	< 10	2	4	16
MAM17-32	0.077	0.014	0.43	< 2	2	177	< 0.01	< 20	1	< 2	< 10	26	< 10	4	5	6
MAM17-33	0.119	0.038	< 0.01	< 2	2	32	< 0.01	< 20	< 1	< 2	< 10	15	< 10	2	8	< 5
MAM17-34	0.108	0.039	0.12	< 2	2		< 0.01	< 20	< 1	< 2	< 10	15	< 10	2	9	11
MAM17-35	0.155	0.037	< 0.01	< 2	1		< 0.01	< 20	1	< 2	< 10	11	< 10	2	5	< 5
MAM17-36	0.029	0.021	< 0.01	< 2	3	_	< 0.01	< 20	< 1	< 2	< 10	34	< 10	4	3	< 5
MAM17-37	0.047	0.010	0.19	< 2	1	4	< 0.01	< 20	2		< 10	3	< 10	< 1	2	312
MAM17-38	0.056	0.011	0.37	< 2	2	5	< 0.01	< 20	4	< 2	< 10	4	< 10	<1	3	670
MAM17-39	0.150	0.042	0.11	3	9	12	0.44	< 20	7	< 2	< 10	190	< 10	16	19	9
MAM17-40	0.091	0.036	0.30	4	12		< 0.01	< 20	< 1	< 2	< 10	116	< 10	2	4	5
MAM17-41	0.080	0.074	1.11	3	4		< 0.01	< 20	6	< 2	< 10	19	< 10	3	6	237
MAM17-42	0.096	0.074	1.82	3	3		< 0.01	< 20	8	< 2	< 10	12	< 10	5	8	342
MAM17-43	0.030	0.040	0.37	4	12	35	< 0.01	< 20	< 1	< 2	< 10	123	< 10	2	4	6
MAM17-44	0.074	0.040	0.33	< 2	1	4	< 0.01	< 20	< 1	< 2	< 10	3	< 10	< 1	3	319
MAM17-45	0.030	0.072	0.05	4	9	32	< 0.01	< 20	3	< 2	< 10	82		9	3	8
	+			-	-				-				< 10			
W1	0.027	0.070	0.03	< 2	3		0.11	< 20	2	< 2	< 10	72 45	< 10	3	1	
W2	0.022	0.033	0.01	< 2	<b>!</b>		0.11	< 20	1	< 2	< 10	_	< 10			
W3	0.027	0.166	0.03	< 2	4		0.04	< 20	< 1	< 2	< 10	65	< 10	3	3	
W4	0.032	0.134	0.02	< 2	4		0.10	< 20	< 1	< 2	< 10	76	< 10	4	1	
W8	0.024		< 0.01		3		0.08		1		< 10	32	< 10	5		
W9	0.027	0.040	0.02	< 2	3		0.07	< 20	< 1	< 2	< 10	46	< 10	4	< 1	<u> </u>
W10	0.028	0.036	0.02	< 2	3		0.09	< 20	< 1	< 2	< 10	43	< 10	4		
W11	0.026	0.040	0.01	< 2	3		0.10	< 20	< 1	< 2	< 10	50	< 10	4	2	
W12	0.026	0.124	0.02	< 2	3		0.09	< 20	< 1	< 2	< 10	55	< 10	3		
W13	0.027	0.031	0.01	< 2	4	-	0.07	< 20	1	< 2	< 10	56	< 10	4	1	
W14	0.032	0.028	< 0.01	< 2	4	20	0.14	< 20	2	< 2	< 10	50	< 10	5	4	

	Report: A17-05702	
--	-------------------	--

Analyte Symbol	Na	Р	s	Sb	Sc	Sr	l <sub>Ti</sub>	Th	Te	Ті	U	V	w	Υ	Zr	Au
Unit Symbol	%	%		ppm		ppm	%	ppm	ppm			ppm	ppm	ppm	ppm	ppb
Lower Limit	1	0.001	0.01	2	1	1	0.01	20	1		10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP		AR-ICP	AR-ICP	AR-ICP		_	AR-ICP			AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
W15	0.026	0.023	< 0.01	< 2	3	17	0.09	< 20	1	< 2		42	< 10	4	< 1	
W16	0.027	0.078	0.02	< 2	2	14	0.02	< 20	< 1	< 2	< 10	44	< 10	2	1	
W17	0.037	0.035	< 0.01	< 2	4	20	0.11	< 20	3	< 2	< 10	45	< 10	6	2	
W19	0.060	0.036	0.01	2	9	32	0.12	< 20	< 1	< 2	< 10	92	< 10	7	6	
W20	0.062	0.032	0.02	< 2	9	34	0.15	< 20	< 1	< 2	< 10	96	< 10	7	6	
W21	0.029	0.024	0.01	< 2	4	33	0.08	< 20	< 1	< 2	< 10	57	< 10	4	3	
W22	0.033	0.036	0.01	< 2	4	18	0.13	< 20	2	< 2	< 10	48	< 10	5	2	
W23	0.032	0.036	0.01	< 2	4	18	0.13	< 20	3	< 2	< 10	48	< 10	5	2	
W24	0.026	0.080	0.01	< 2	4	17	0.13	< 20	4	< 2	< 10	60	< 10	4	2	
W25	0.032	0.040	< 0.01	< 2	4	25	0.12	< 20	1	< 2	< 10	43	< 10	5	4	
W26	0.073	0.059	0.01	< 2	7	28	0.17	< 20	5	< 2	< 10	95	< 10	7	4	
W27	0.060	0.047	0.01	< 2	7	28	0.16	< 20	< 1	< 2	< 10	75	< 10	7	4	
W28	0.030	0.017	< 0.01	< 2	3	24	0.11	< 20	< 1	< 2	< 10	35	< 10	5	4	
W29	0.048	0.026	0.01	< 2	7	32	0.12	< 20	1	< 2	< 10	81	< 10	5	6	
W30	0.036	0.044	0.02	2	5	36	0.09	< 20	2	< 2	< 10	67	< 10	5	3	
W31	0.027	0.033	< 0.01	< 2	3	18	0.10	< 20	< 1	< 2	< 10	44	< 10	4	2	
W32	0.028	0.017	< 0.01	< 2	3	20	0.11	< 20	3	< 2	< 10	36	< 10	5	2	
W33	0.023	0.180	0.21	4	3	19	0.01	< 20	7	< 2	< 10	26	< 10	2	2	
W34	0.023	0.067	0.02	< 2	5	13	0.09	< 20	7	< 2	< 10	65	< 10	3	1	
W35	0.032	0.045	0.02	< 2	4	22	0.09	< 20	< 1	< 2	< 10	58	< 10	5	1	
W36	0.028	0.021	< 0.01	< 2	4	16	0.11	< 20	1	< 2	< 10	47	< 10	4	2	
W37	0.029	0.027	0.01	< 2	4	18	0.11	< 20	< 1	< 2	< 10	60	< 10	4	1	

Report: A17-05702

																				-			
	Ag	Cd	Cu	Mn	Мо	Ni	Pb	Zn	Al	As	В	Ва	Be	Bi		Со	Cr	<b>-</b>	Ga	Hg		La	Mg
<del></del>		• •	ppm	ppm	ppm	ppm		ppm	%	ppm	ppm	ppm	ppm	ppm		ppm	ppm		-	ppm		ppm	%
	-	0.5	1	5	1	1		2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP																	
GXR-1 Meas	30.5	2.7	1180	828	13	35	646	705	0.35	410	10	436	0.9	1470	0.84	5	6	22.8	< 10	4	0.03	< 10	0.14
GXR-1 Cert	31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50	0.217
GXR-4 Meas	3.8	< 0.5	6750	143	292	40	43	70	2.89	105	< 10	57	1.5	15	0.97	13	55	3.10	< 10	< 1	1.71	47	1.66
GXR-4 Cert	4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5	1.66
GXR-6 Meas	0.3	< 0.5	72	1100	1	26	99	131	7.47	239	< 10	944	0.9	< 2	0.15	13	84	5.84	20	< 1	1.18	< 10	0.44
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
SE68 Meas																							
SE68 Cert																							
OREAS 223 (Fire Assay) Meas																							
OREAS 223 (Fire Assay) Cert																							
MAM17-27 Orig	8.0	< 0.5	12	642	9	40	4	28	0.41	< 2	< 10	23	< 0.5	< 2	3.01	18	42	3.64	< 10	< 1	0.08	< 10	0.86
MAM17-27 Dup	0.9	< 0.5	11	637	9	40	4	28	0.41	< 2	< 10	23	< 0.5	3	3.00	17	42	3.63	< 10	< 1	0.08	< 10	0.86
MAM17-38 Orig																							
MAM17-38 Dup																							
MAM17-41 Orig	1.8	< 0.5	112	513	3	15	6	82	0.58	63	< 10	75	< 0.5	3	0.62	19	11	5.46	< 10	< 1	0.26	< 10	0.11
MAM17-41 Dup	1.9	< 0.5	112	514	3	14	7	83	0.58	63	< 10	43	< 0.5	< 2	0.62	20	11	5.41	< 10	< 1	0.25	< 10	0.11
MAM17-44 Orig																							
MAM17-44 Dup																							
W12 Orig	< 0.2	< 0.5	14	157	< 1	16	10	171	2.20	3	< 10	86	< 0.5	< 2	0.25	6	38	2.33	< 10	< 1	0.08	14	0.45
W12 Dup	< 0.2	< 0.5	13	151	< 1	14	9	164	2.08	3	< 10	81	< 0.5	< 2	0.23	6	36	2.22	< 10	< 1	0.08	13	0.43
W27 Orig	< 0.2	< 0.5	33	1630	< 1	43	11	141	2.89	3	< 10	277	0.8	< 2	0.71	24	65	3.73	< 10	< 1	0.44	21	1.50
W27 Dup	< 0.2	< 0.5	33	1710	< 1	45	10	142	2.98	< 2	< 10	285	0.8	< 2	0.72	25	66	3.82	< 10	< 1	0.44	20	1.53
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	11	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank																							
Method Blank																							

Report:	A17-05702
	,

Analyte Symbol	Na	Р	S	Sb	Sc	Sr	Ti	Th	Те	TI	U	V	w	Υ	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppb							
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
GXR-1 Meas	0.058	0.043	0.21	82	1	173	< 0.01	< 20	23	< 2	30	75	175	24	12	
GXR-1 Cert	0.0520	0.0650	0.257	122	1.58	275	0.036	2.44	13.0	0.390	34.9	80.0	164	32.0	38.0	
GXR-4 Meas	0.146	0.125	1.83	3	7	70	0.12	< 20	3	4	< 10	79	12	12	9	
GXR-4 Cert	0.564	0.120	1.77	4.80	7.70	221	0.29	22.5	0.970	3.20	6.20	87.0	30.8	14.0	186	
GXR-6 Meas	0.089	0.033	0.01	5	19	28		< 20	< 1	3	< 10	171	< 10	5	7	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
SE68 Meas																583
SE68 Cert																599
OREAS 223 (Fire Assay) Meas																1780
OREAS 223 (Fire Assay) Cert																1780
MAM17-27 Orig	0.096	0.019	1.93	< 2	7	34	0.01	< 20	< 1	< 2	< 10	27	< 10	3	4	105
MAM17-27 Dup	0.099	0.018	1.92	< 2	7	33	< 0.01	< 20	< 1	< 2	< 10	27	< 10	3	4	103
MAM17-38 Orig																660
MAM17-38 Dup																679
MAM17-41 Orig	0.081	0.074	1.11	3	4	16	< 0.01	< 20	4	< 2	< 10	19	< 10	3	7	
MAM17-41 Dup	0.079	0.074	1.10	3	4	15	< 0.01	< 20	7	< 2	< 10	19	< 10	3	5	
MAM17-44 Orig																311
MAM17-44 Dup																326
W12 Orig	0.028	0.125	0.02	< 2	3	19	0.09	< 20	< 1	< 2	< 10	56	< 10	3	1	
W12 Dup	0.024	0.124	0.02	< 2	3	17	0.10	< 20	< 1	< 2	< 10	53	< 10	3	2	
W27 Orig	0.059	0.046	0.01	< 2	7	28	0.16	< 20	< 1	< 2	< 10	75	< 10	7	4	
W27 Dup	0.061	0.048	0.01	< 2	7	28	0.16	< 20	< 1	< 2	< 10	75	< 10	7	4	
Method Blank	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																< 5
Method Blank																< 5

### Quality Analysis ...



# Innovative Technologies

**Date Submitted:** 07-Jun-17 **Invoice No.:** A17-05702 (i)

Flint

Invoice Date: 21-Jun-17

Your Reference:

Metals Creek Resources 93 Edinburgh Ave. Gander NL A1V 19C Canada

ATTN: Sandy Stares

## **CERTIFICATE OF ANALYSIS**

64 Rock and Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Tbay Au - Fire Assay AA(QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT A17-05702 (i)

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

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D. Quality Control

#### ACTIVATION LABORATORIES LTD.

1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6 TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613 E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
W1	< 5
W2	5
W3	6 7
W4	7
W8	< 5
W9	< 5
W10	< 5
W11	< 5
W12	< 5
W13	15
W14	22
W15	5
W16	19
W17	< 5
W19	10
W20	< 5
W21	< 5
W22	< 5
W23	< 5
W24	< 5
W25	< 5
W26	< 5
W27	< 5
W28	< 5
W29	< 5
W30	< 5
W31	< 5
W32	< 5
W33	142
W34	< 5
W35	< 5
W36	< 5
W37	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 251 Meas	485
OREAS 251 Cert	504
OREAS 251 Meas	475
OREAS 251 Cert	504
OREAS 223 (Fire	1760
Assay) Meas	
OREAS 223 (Fire	1780
Assay) Cert	
W12 Orig	< 5
W12 Dup	< 5
W24 Orig	< 5
W24 Dup	< 5
W34 Orig	< 5
W34 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

## **APPENDIX IV**

Expenditures

## **Expenditures submitted for assessment credit**

Total		\$	9,737.83
Assays 31 rock samples @ \$30.51/sample 33 soil samples @ \$26.00/sample		\$ \$	945.81 858.00
Supplies		\$	648.02
Accomodations/Meals  Motels/Lodging  Food and Meals		\$ \$	707.66 502.61
Transportation Ground Transportation (including fuel)		\$	1,381.73
Report Writing/Compilation Geologist Geologist	3 days @ \$385/day (Planning/Report) 2 days @ \$385/day (Drafting/Digitizing)	\$ \$	1,155.00 770.00
Field Labour Prospecting/Geology	6 man days @ \$461.50/day	\$	2,769.00

## APPENDIX V

Attached Maps and Figures

