

**2014 ASSESSMENT REPORT**

**2014 PROSPECTING AND TARGET EVALUATION  
ON THE NORTHERN PORTION OF THE FLINT LAKE PROPERTY, KENORA  
MINING DIVISION, NORTHWESTERN ONTARIO**

**NTS MAP SHEET 52F/05SW**



January, 2015

## 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	2
5.0 REGIONAL GEOLOGY	5
6.0 PROPERTY GEOLOGY	6
7.0 EXPLORATION HISTORY	7
8.0 CURRENT PROGRAM	12
9.0 CONCLUSIONS AND RECOMMENDATIONS	13
RECOMMENDED EXPENDITURES	15
10.0 REFERENCES	16

### **List of Tables**

Table 1 – Flint Lake Land Tenure Data	2
---------------------------------------	---

### **List of Figures**

Figure 1 – Regional Location Map	3
Figure 2 – Claim Location Map	4
Figure 3 – Sample Location Map	13

### **List of Appendices**

Appendix I	List of Sample #'s, UTM Coordinates and Assay Values
Appendix II	Personnel Involved with Prospecting Program
Appendix III	Laboratory Certificates of Analysis
Appendix IV	Expenditures
Appendix V	Attached Maps and Figures

## **1.0 INTRODUCTION**

During the periods of November 3<sup>rd</sup> to November 6<sup>th</sup>, 2014, and November 10<sup>th</sup> to November 14<sup>th</sup>, 2014, Metals Creek Resources (MEK) personnel conducted prospecting programs on the northern portion of its Flint Lake Property, which is comprised of 20 unpatented staked claims located within the Kenora Mining District, currently registered to Metals Creek Resources, North American Uranium Corp. (NAUC), or optioned to NAUC by Endurance Gold Corporation (EDG). North American Uranium Corp. (NAUC) is a 100% owned subsidiary of Metals Creek Resources Corp. The purpose of these prospecting programs was 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, stockworking 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.

## **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 Flint Lake Property is located within the Kenora Mining District in Northwestern Ontario, within the Dogpaw Lake Area. The property is located within the NTS Map Sheet 52F/05SW as well as portions of 52F/05SE. The Flint Lake property is located approximately 55 km southeast of the town of Kenora (Figures 1 & 2).

The various claims of the Flint Lake Property can be accessed by either boat, ski-doo or road. Highway 71, a paved highway transects the western portion of the property and runs mainly north-south.

The Cameron Lake road runs east from Highway 71 through the southern portion of the northern block on the Flint Lake Property. This road continues on to the Cameron Lake Gold Project currently being evaluated by Chalice Gold Mines Ltd.

Lake access can be gained via these roads to enable access to other portions of the property by boat or Ski-Doo.

#### 4.0 CLAIM HOLDINGS AND PROPERTY DISPOSITION

The northern portion of MEK's Flint Lake Property consists of 20 unpatented, staked claims, totaling 239 units (Table 1, and Figure 2). These claims are either owned by North American Uranium Corp., Metals Creek Resources or under an option agreement with Endurance Gold Corporation.

**Table 1: Flint Lake Land Tenure Data (northern portion)**

<b>Claim #</b>	<b>Units</b>	<b>Recorded Owner</b>	<b>Recorded</b>	<b>Expiry</b>
<u>1221374</u>	4	Endurance Gold Corporation	2001-Sep-26	2015-Sep-26
<u>3001238</u>	9	Endurance Gold Corporation	2002-Jul-02	2015-Jul-02
<u>3001239</u>	16	Endurance Gold Corporation	2002-Jul-02	2015-Jul-02
<u>3001241</u>	16	Endurance Gold Corporation	2002-Jul-02	2016-Jul-02
<u>3003433</u>	16	Endurance Gold Corporation	2002-Sep-03	2015-Sep-03
<u>3003583</u>	10	Endurance Gold Corporation	2003-Apr-22	2015-Apr-22
<u>3003672</u>	8	Endurance Gold Corporation	2002-Oct-15	2015-Oct-15
<u>3010495</u>	16	Endurance Gold Corporation	2002-Oct-15	2015-Oct-15
<u>3010496</u>	16	Endurance Gold Corporation	2002-Oct-15	2015-Oct-15
<u>3012203</u>	4	Endurance Gold Corporation	2003-Apr-22	2015-Apr-22
<u>4213374</u>	3	North American Uranium Corp.	2007-Mar-12	2015-Mar-12
<u>4213375</u>	16	North American Uranium Corp.	2007-Mar-12	2016-Mar-12
<u>4213376</u>	16	North American Uranium Corp.	2007-Mar-12	2016-Mar-12
<u>4213377</u>	16	North American Uranium Corp.	2007-Mar-12	2016-Mar-12
<u>4213378</u>	10	North American Uranium Corp.	2007-Mar-12	2016-Mar-12
<u>4213379</u>	16	North American Uranium Corp.	2007-Mar-12	2015-Mar-12
<u>4213380</u>	16	North American Uranium Corp.	2007-Mar-12	2015-Mar-12
<u>4213381</u>	12	North American Uranium Corp.	2007-Mar-12	2015-Mar-12
<u>4251983</u>	3	Metals Creek Resources Corp.	2011-Feb-09	2016-Feb-13
<u>4251984</u>	16	Metals Creek Resources Corp.	2011-Feb-09	2016-Feb-13

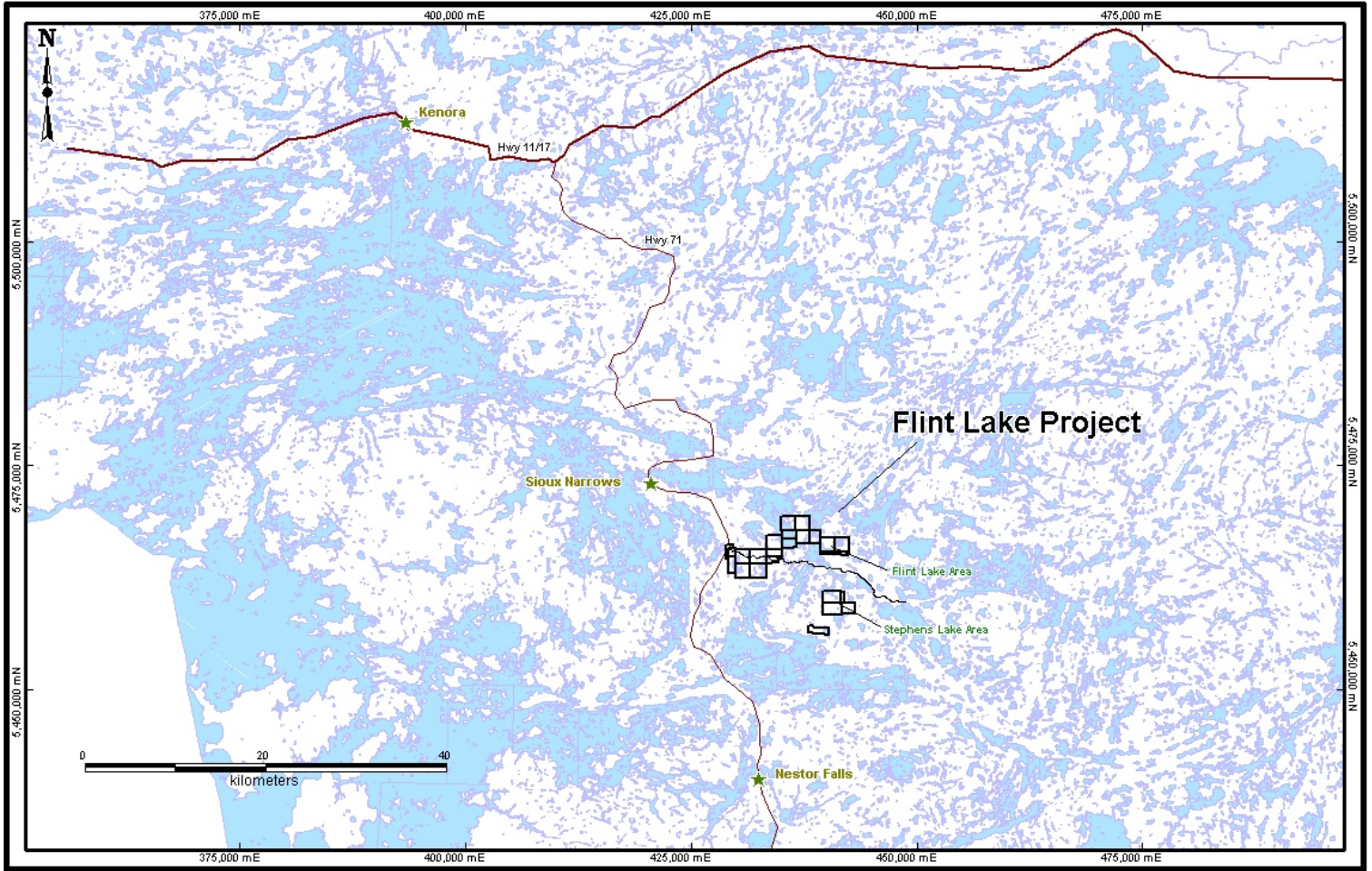


Figure 1 – Regional Location Map

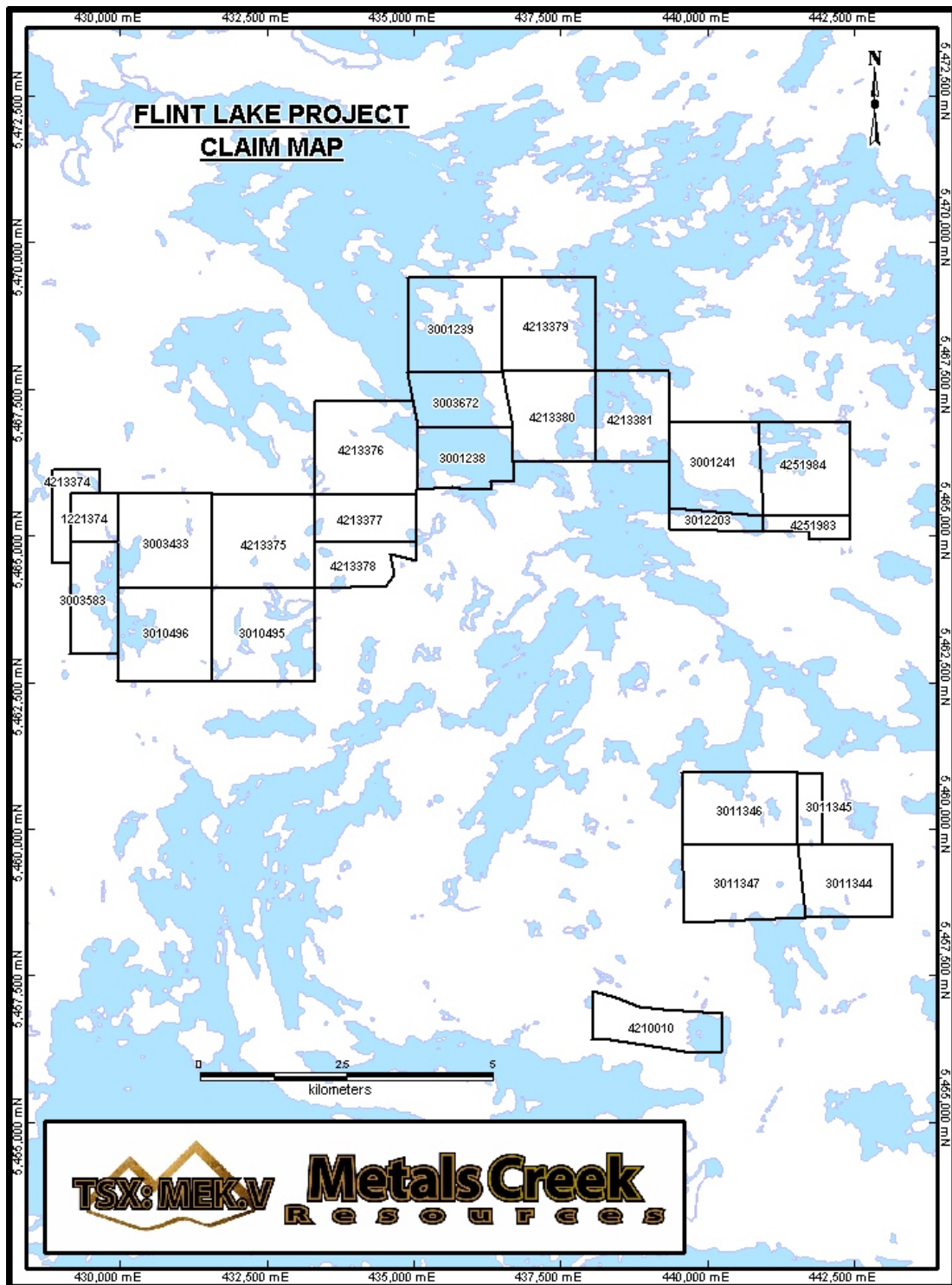


Figure 2 – Claim Location Map

## 5.0 REGIONAL GEOLOGY

Metals Creek Resources' Flint Lake Property 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.

## 6.0 PROPERTY GEOLOGY

The Flint Lake Property's outer boundary incorporates, to the northeast of the Pipestone-Cameron Fault, a portion of the Rowan Lake Volcanics. The Rowan Lake Volcanics consist predominantly of massive and pillowed basaltic flows, with coarser gabbroic portions.

Southwest of the fault zone, Snake Bay group mafic volcanic flow rocks in the northwest of the property are in contact with pyroclastic rocks of the Kakagi Lake Group along the northwest shore of Emm Bay. This contact has important implications for mineralization. Snake Bay Group volcanics are predominantly massive to pillowed basaltic flows, containing coarser gabbroic bodies that are lenticular to irregular in shape. The latter are generally interpreted to be intrusive (e.g. Davies and Morin 1976a) rather than of flow origin.

The southern portion of the property is entirely underlain by Kakagi Lake Group rocks and the differentiated Kakagi Sills that intrude them. The combined sequence of pyroclastic rocks and peridotite-to-gabbro sills has been folded about the major northeast-trending Emm Bay - Peninsula Bay Syncline.

In the southeast portion of the property, the late tectonic Stephen Lake Stock is intruded into the uppermost or youngest sequences of the Kakagi Lake Group pyroclastic rocks. The stock is described as being mostly heterogeneous by Davies and Morin (1976a): the main internal portion was mapped as massive granodiorite, while dioritic phases appear to characterize the marginal portions. Large angular xenoliths of mafic volcanic rock and gabbro are reported (Davies and Morin 1976a) within the stock, mostly close to its margin. Only the northwest portion of the stock lies outside the current property. The stock is elliptical in shape, with its long axis oriented in a northwest direction. This direction is both parallel to the trend of the major Pipestone - Cameron deformation zone and at right angles to the axial plane of the Emm Bay - Peninsula Bay syncline. Both of these latter structures may have exerted control on the emplacement of the stock, and also have influenced mineralization within it. Small bodies of felsic rock that lie along this northwest trend at Cedartree Lake may be satellitic to the Stephen Lake Stock.

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 are interpreted to predate the Stephen Lake Stock (Davies and Morin 1976a).



## 7.0 EXPLORATION HISTORY

### Property History

The following property history has been compiled largely by Des Cullen P. Geo, 2007.

**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.

**1944-5: 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.

**1960-2: 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.

**1973-4: 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 drillhole 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.

**1983-4: 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.

**1984-5: 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.

**1985-9: 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.

**1987-8: 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.

**1997-8: 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.

**1997-9: 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.

**1997-8, 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.

**2003-2004: 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 high-grade 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 muckpiles at the northwestern end of the dugout area. Mapping was performed mainly on the wallrocks 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 Minesite. The area around another historic showing named Flint Lake North, approximately 1.6km northwest of the Flint Lake Minesite, 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 Minesite. 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 was 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.

## **8.0 CURRENT PROGRAM**

During the periods of November 3<sup>rd</sup> to November 6<sup>th</sup>, 2014, and November 10<sup>th</sup> to November 14<sup>th</sup>, 2014, Metals Creek Resources personnel conducted two work programs of prospecting, which focused on the relatively underexplored Bag Lake area within the northwestern portion of the claim block. These programs attempted to delineate anomalous to low grade, large scale felsic intrusive units which have seen very little previous exploration. Abundant outcrop is present within the western portion of the property and has been enhanced recently due to newer forestry activity proximal to Bag Lake. This forestry uncovered numerous new outcrops which were not previously visible due to the thin layer of overburden existing on the property. A total of 64 samples were collected and assayed for gold only. The sampling was mostly confined to the previously mentioned felsic intrusive bodies around the Bag Lake area with minor sampling from altered and sheared mafic volcanics from the Flint Lake area. The limited Flint Lake sampling was completed a result of a newly forested area between the historic Flint 'Minesite' trenching and the Flint North showing. These roads will provided excellent ATV/heavy equipment access to the area for future exploration work. Due to mostly low

lying areas with little outcrop or barren and massive mafic volcanic rocks, minimal sampling was performed at Flint Lake.

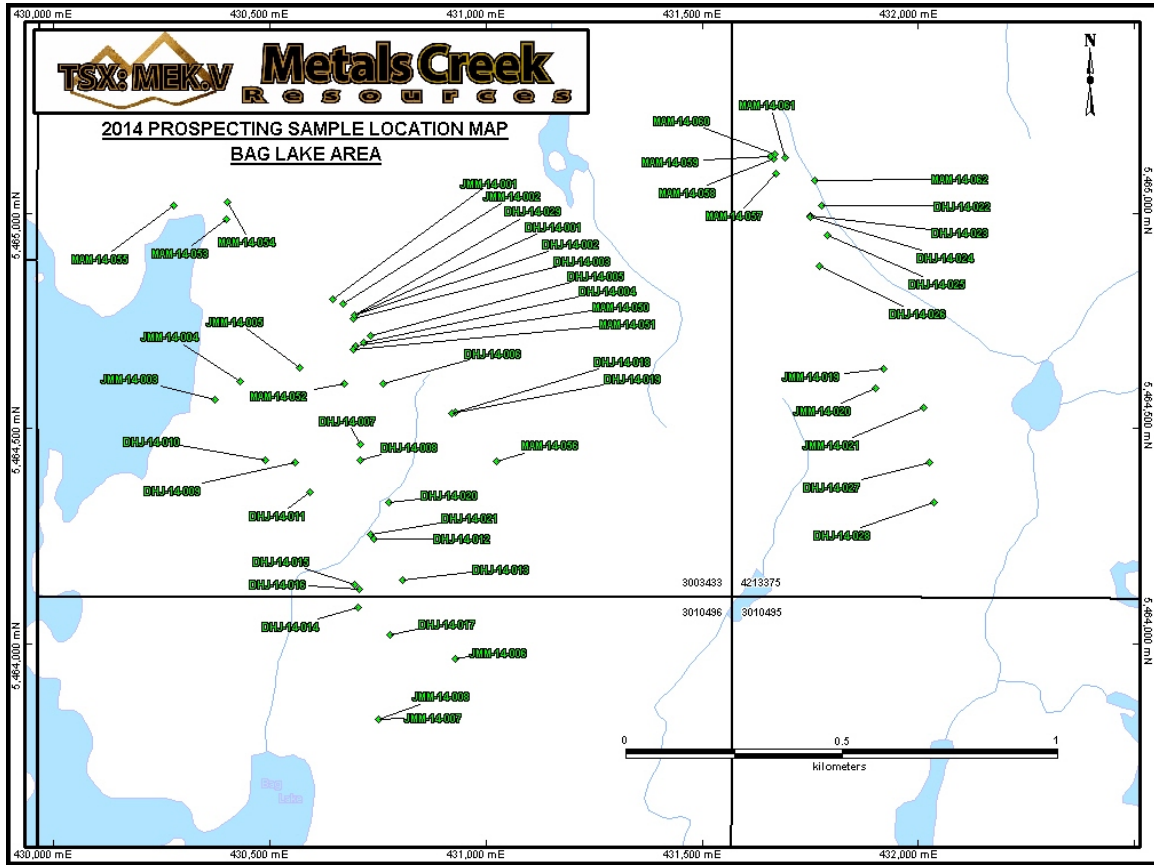


Figure 3: Sample Location Map

**9.0 CONCLUSION AND RECOMMENDATIONS**

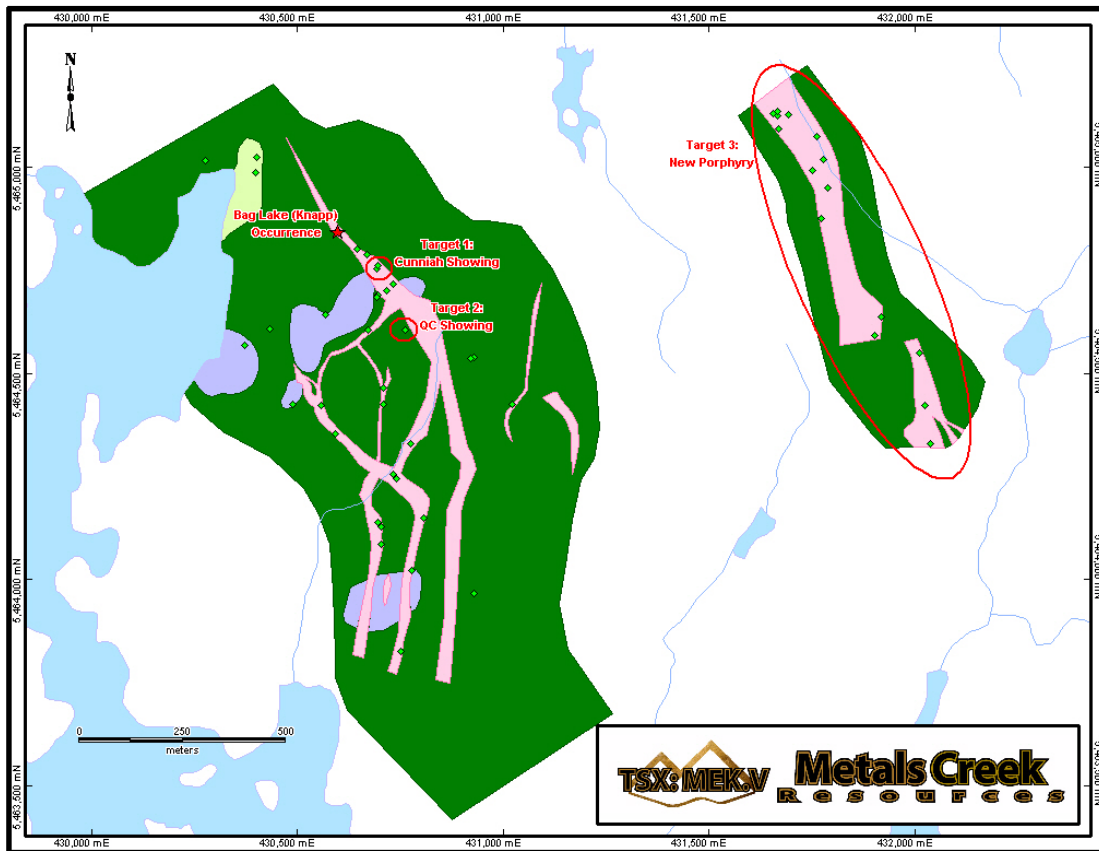
This program of prospecting was successful in outlining areas of interest on the Bag Lake Area within Metals Creek’s Flint Lake Property. Numerous continuous and discontinuous felsic intrusive lithologies were located and sampled with varying results. Elevated gold values within the felsic intrusive units appear to correlate with silicified and greater quartz content. Assays from more silicified and quartz-rich samples returned values up to 6.39 g/t Au. The 2014 field program delineated the network of felsic intrusive units around the Bag Lake area. From this localized mapping, new target areas have been outlined and prioritized, and are listed below.

Target 1:

Cunniah Showing – this area was historically sampled by Cunniah Lake Inc. during the 2004 field season. The sampling was performed as part of a broader prospecting and mapping program across their entire claim block which contained all of Metals Creek’s Flint Lake claim holdings. The 2004 sampling at the now labeled Cunniah Showing returned values up to 3.46 g/t Au from silicified volcanic rocks showing minor carbonate and sericite alteration with local patches of disseminated sulphide. Metals Creek’s re-



sampling of the area produced similar values up to 2.06 g/t Au. A program of mechanical excavation is recommended for this showing to assist in width, strike length and grade estimations to determine any further work moving forward. A historic drill hole from 1980 by Gulf Minerals was collared between 20 to 30m west of the showing area and intersected a 7.2 foot wide sampled interval of brecciated quartz porphyry and andesite with increased sulphide. Assay values are not reported within the report leaving this zone open along strike and at depth.



**Figure 3: Sample Location Map**

Target 2:

QC Showing – this area is on strike of the original Bag Lake (Knapp) Showing and 170m from the Cunniah Showing. This is a new zone discovered by Metals Creek field work during the 2008-09 seasons with little follow up to date. The 2009 sampling returned gold values up to 2.80 g/t from quartz veining/stockwork within carbonatized and sheared felsic volcanics. The follow up sampling during the 2014 prospecting program returned a 6.39 g/t Au sample from similar quartz-rich material from the same area. A small program of surface stripping is recommended to exposed the mineralized area and determine any strike length to the east and west.

Target 3:

New Porphyry – this large felsic intrusive body was located just west of kilometer four on the Cameron Lake Road. This large intrusive body is oriented northwest-southeast

and has been traced over a roughly one kilometer strike length being open both to the northwest and southeast. The intrusive unit is anywhere from 50 to 100m wide and appears to correlate with a topographic high in the area. This area has seen limited to no previous exploration but shows very strong similarities to the felsic intrusive units to the west around Bag Lake. Grab samples from limited traverses across the unit returned assay values up to 1.9 g/t Au with numerous other anomalous values. Follow up prospecting is strongly recommended with the focus on uncovering discrete mineralized areas within the intrusive.

**Budget:**

10 man days prospecting @ \$400/day -	\$4,000
4 excavator days (10hr day @ \$120/hr) -	\$4,800
150 samples @ \$25/assay -	\$3,750
Other costs (food, transportation, lodging, supplies, etc) -	<u>\$5,000</u>
<b>TOTAL</b>	<b>\$17,550</b>

## 10.0 REFERENCES

Cullen, D. D. 2007. Technical Report on the Dogpaw Property, Kenora Mining Division; *report for North American Uranium Corp.*, 50p.

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.

## **APPENDIX I**

### **Sample Descriptions, Locations and Assay Values**

Sample	Date	Zone	Easting	Northing	Elevation	Au (g/t)	Comment
DHJ-14-001	10-Nov-14	15	430696	5464763	361	1.270	altered felsic intrusive; heavy carb; thin qtz stringers; 5% fine pyrite
DHJ-14-002	10-Nov-14	15	430696	5464763	361	0.070	qtz vein; 15% carb; tr pyrite
DHJ-14-003	10-Nov-14	15	430694	5464755	363	0.027	silicified volcanic; minor sericite; 3% pyrite
DHJ-14-004	10-Nov-14	15	430716	5464701	362	0.026	altered mv; bleached and sericitized; altered locally; folded
DHJ-14-005	10-Nov-14	15	430733	5464717	360	0.005	qfp; relatively massive; deep red colour; 5-7% qtz phenos; local shearing @ 080° local sericite and carb alteration
DHJ-14-006	10-Nov-14	15	430762	5464605	368	6.390	qtz/carb veining hosted within shear zone; 2% fine pyrite
DHJ-14-007	11-Nov-14	15	430708	5464464	361	0.010	f.grained QFP, massive, well fractured, minor carb alt, occasional qtz veinlet
DHJ-14-008	11-Nov-14	15	430710	5464426	359	0.052	altered QFP, semi-bleached with moderate carb, sericite, well fractured, occasional qtz stringers @ 010 deg
DHJ-14-009	11-Nov-14	15	430558	5464422	365	0.001	QFP, massive, 0.5% pyrite
DHJ-14-010	11-Nov-14	15	430490	5464426	355	0.015	Gabbro, f.grained and massive, sausseritized plag, 2-3% magnetite + 3% po + py
DHJ-14-011	11-Nov-14	15	430593	5464353	358	0.020	altered QFP with quartz stringers, bleached with sericite and carb alteration, 2% pyrite
DHJ-14-012	11-Nov-14	15	430741	5464245	351	0.211	QFP, massive and deep red in colour, 0.5 - 1.0% disseminated pyrite
DHJ-14-013	11-Nov-14	15	430807	5464149	371	0.122	QFP, sericite and carb altered, quartz stringers and trace pyrite
DHJ-14-014	11-Nov-14	15	430704	5464086	360	1.220	QFP, deep red colouration with mod to strong carb alteration, qtz stringers and veinlets, well sheared @ 350 deg
DHJ-14-015	11-Nov-14	15	430695	5464138	354	0.036	QFP, massive, deep red to beige, minor sericite, clotty carb, 1.5 - 2.0% pyrite
DHJ-14-016	11-Nov-14	15	430705	5464128	359	0.023	Qtz/carb vein in QFP, 85% quartz with xenos of sericite altered qfp, minor carb and trace pyrite
DHJ-14-017	11-Nov-14	15	430777	5464022	367	0.076	altered QFP, well fractured with numerous qtz stringers @ 349 deg, carb alteration and trace pyrite
DHJ-14-018	12-Nov-14	15	430929	5464539	359	0.002	Sheared volcanics @ 123-70, chl + carb alt, rusty surface, thin hairline qtz stringers x-cutting shearing
DHJ-14-019	12-Nov-14	15	430920	5464537	356	0.014	Sheared volcanics @ 123-70, chl + carb alt, rusty surface, thin hairline qtz stringers x-cutting shearing
DHJ-14-020	12-Nov-14	15	430776	5464330	345	0.032	QFP, massive, f-m.grained, deep red colour with minor sericite, 1-2% disseminated pyrite
DHJ-14-021	12-Nov-14	15	430733	5464256	347	0.035	QFP, massive, f-m.grained, deep red colour with minor sericite, 1-2% disseminated pyrite
DHJ-14-022	12-Nov-14	15	431777	5465019	364	0.001	QFP, massive, m-c.grained, fine-grained k-spar groundmass with 45-50% plag phenos and 2% quartz eyes
DHJ-14-023	12-Nov-14	15	431751	5464994	366	0.250	QFP, massive with silicious sections, hairline carb fractures and associated pyrite min @ approx 2.5%
DHJ-14-024	12-Nov-14	15	431751	5464992	368	0.056	QFP, massive, deep red colouration as alteration halos around fractures, fine disseminated pyrite throughout @ 0.5%
DHJ-14-025	12-Nov-14	15	431790	5464950	366	0.121	QFP, massive, deep red colouration as alteration halos around fractures, fine disseminated pyrite throughout @ 1.0%
DHJ-14-026	12-Nov-14	15	431772	5464877	379	0.057	QFP, massive, deep red colouration as alteration halos around fractures, fine disseminated pyrite throughout @ 1.0%
DHJ-14-027	13-Nov-14	15	432026	5464423	398	0.090	typical qfp; massive f-med grained; red coloured; well fractured; minor sericite; nil sulphide
DHJ-14-028	13-Nov-14	15	432037	5464329	389	<0.001	typical qfp; massive f-med grained; red coloured; well fractured; minor sericite; nil sulphide
DHJ-14-029	5-Nov-14	15	430696	5464763	361	2.060	silicified volcanic; minor sericite and carb alteration; weakly cherty appearance; 3% finely disseminated pyrite
DHJ-14-030	5-Nov-14	15	440389	5466200	344	0.004	qtz carb veining through carb altered volcanic; 40% qtz containing xenoliths of host volcanics; occasional chlorite stringer
JMM-14-001	10-Nov-14	15	430646	5464801	367	0.134	carb altered and silicified felsic intrusive
JMM-14-002	10-Nov-14	15	430668	5464790	362	<0.001	small mafic tuff o/c; 1-2% fine sulphide
JMM-14-003	11-Nov-14	15	430373	5464568	347	<0.001	mgab; trace pyrite; N-S ridge 2m high
JMM-14-004	11-Nov-14	15	430432	5464609	353	0.005	mv; 5% fine to medium grained pyrite; homogeneous and relatively weathered
JMM-14-005	11-Nov-14	15	430569	5464642	357	0.005	medium grained gabbro; trace to locally 0.5% fine pyrite
JMM-14-006	11-Nov-14	15	430929	5463966	360	0.004	felsic dike; vfg to aphanitic; almost cherty; fine speckled pyrite; 25°/unknown dip
JMM-14-007	11-Nov-14	15	430751	5463826	358	<0.001	qfp; reddish colour; qtz eyes common; 0.5% fine pyrite; 10+m wide
JMM-14-008	11-Nov-14	15	430751	5463826	358	<0.001	qfp; reddish colour; qtz eyes common; 0.5% fine pyrite; 10+m wide
JMM-14-009	12-Nov-14	15	439688	5466610	343	<0.001	shr'd mv; v.f.gr pyrite; disseminated @ 1%; mod carb alteration; western end of small ridge
JMM-14-010	12-Nov-14	15	439690	5466610	343	<0.001	shr'd mv; same ridge as 009; less carb and shearing; nil sulphide
JMM-14-011	12-Nov-14	15	439694	5466606	345	<0.001	shr'd mv; same ridge as 009; less carb and shearing; nil sulphide

Sample	Date	Zone	Easting	Northing	Elevation	Au (g/t)	Comment
JMM-14-012	12-Nov-14	15	439698	5466608	343	<0.001	weakly shr'd and carb altered mv; trace pyr; E-W oriented shr; eastern end of ridge from 009
JMM-14-013	12-Nov-14	15	440901	5465773	350	0.004	very altered and carbonate-rich shear; mv; trace sulphide; edge of road minimum 10m wide
JMM-14-014	12-Nov-14	15	441052	5465693	355	0.147	rusted and sheared mv; minor vuggy qtz; trace weathered sulphide; 3-4m width visible shear
JMM-14-015	12-Nov-14	15	441057	5465690	355	0.002	felsic volcanic shear; sericite and carbonate altered; nil pyr; same shr as 014
JMM-14-016	12-Nov-14	15	441131	5465507	350	0.001	shr'd and strongly carbonatized mv; deformed qtz eyes and possibly, very discontinuous stringers
JMM-14-017	12-Nov-14	15	441220	5465444	350	0.002	shear zone at least 15m wide; alternating between carb-rich and carb-poor sections; thin feldspathic and qtz wisps; str carb; nil visible sulphide
JMM-14-018	13-Nov-14	15	441326	5465401	350	<0.001	strongly altered carb-rich shr zone; minor feldspathic wisps/small sweats; oriented 120-130 degrees; dipping N; nil sulphide
JMM-14-019	13-Nov-14	15	431918	5464638	398	0.011	qfp; reddish colour; mm-scale qtz eyes; barren
JMM-14-020	13-Nov-14	15	431902	5464593	397	0.009	shr'd qfp; trace f.gr. pyrite
JMM-14-021	13-Nov-14	15	432011	5464550	403	0.002	grey/reddish; qfp; minor carb alteration; trace sulphide
MAM-14-050	10-Nov-14	15	430697	5464691	362	0.006	carb alt mv; moderate carb alt; brown carb; minor pyr
MAM-14-051	10-Nov-14	15	430694	5464684	361	1.680	shr'd carb altered mv; 5% qtz stringers; 1% pyr; shr @ 47° dip 90°
MAM-14-052	10-Nov-14	15	430672	5464605	354	<0.001	qfp; minor qtz stringers; carb altered; nil sulphide
MAM-14-053	11-Nov-14	15	430398	5464987	349	0.058	carb altered mafics?; completely blitzed; possibly altered felsic?; minor diss pyr; brown colour; foliated
MAM-14-054	11-Nov-14	15	430401	5465026	346	0.145	carb altered felsic volcanics; tr diss pyr; local qtz stringers; intense carb alt; possible old showing
MAM-14-055	11-Nov-14	15	430276	5465018	344	0.003	Knapp Zone; strong carb alteration; tr diss pyr; rusty; possible felsic; 1-2m wide
MAM-14-056	11-Nov-14	15	431023	5464424	361	0.002	qtz carb zone; contact between qfp and mafic volcanics; trace disseminated pyrite
MAM-14-057	13-Nov-14	15	431670	5465093	369	0.034	qfp; mod altered; qtz eyes; mod shearing; carb altered; trace to 0.5% finely disseminated pyrite; silicified; rusty
MAM-14-058	13-Nov-14	15	431666	5465125	367	0.003	qfp; altered; greenish qtz; str carb alt; tr disseminated pyrite
MAM-14-059	13-Nov-14	15	431657	5465131	361	0.064	qfp; brownish green; strongly silicified; aphanitic; local qtz eyes; tr disseminated pyrite; local carb
MAM-14-060	13-Nov-14	15	431667	5465136	360	0.008	qfp; brownish green; strongly silicified; aphanitic; local qtz eyes; tr disseminated pyrite; local carb
MAM-14-061	13-Nov-14	15	431692	5465129	358	1.900	qfp; brownish grey; aphanitic to f.gr.; tr. disseminated pyrite; mod carb
MAM-14-062	13-Nov-14	15	431761	5465076	360	0.005	qfp; brittle; fractured; carb altered; along fracture with associated pyr

## **APPENDIX II**

### **Personnel Involved in Prospecting Program**



**Personnel:**

Don Heerema (Prospecting/Geology)

Mike MacIsaac (Prospecting/Geology)

Jeff Myllyaho (Prospecting/Geology)

**APPENDIX III**

**Laboratory Certificate of Analysis**



CLIENT NAME: METALS CREEK RESOURCES  
945 COBALT CRES  
THUNDER BAY , ON P7B5Z4  
(807) 345-4990

ATTENTION TO: MICHAEL MACISAAC

PROJECT:

AGAT WORK ORDER: 14B917028

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

DATE REPORTED: Dec 08, 2014

PAGES (INCLUDING COVER): 7

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: 14B917028

PROJECT:

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

CLIENT NAME: METALS CREEK RESOURCES

ATTENTION TO: MICHAEL MACISAAC

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

DATE SAMPLED: Nov 17, 2014

DATE RECEIVED: Nov 17, 2014

DATE REPORTED: Dec 08, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
DHJ-14-001 (6086768)		1.16	1.27
DHJ-14-002 (6086769)		1.00	0.070
DHJ-14-003 (6086770)		1.28	0.027
DHJ-14-004 (6086771)		1.22	0.026
DHJ-14-005 (6086772)		0.58	0.005
DHJ-14-006 (6086773)		1.10	6.39
DHJ-14-007 (6086774)		1.08	0.010
DHJ-14-008 (6086775)		0.92	0.052
DHJ-14-009 (6086776)		0.84	0.001
DHJ-14-010 (6086777)		1.48	0.015
DHJ-14-011 (6086778)		0.86	0.020
DHJ-14-012 (6086779)		1.16	0.211
DHJ-14-013 (6086780)		1.12	0.122
DHJ-14-014 (6086781)		1.24	1.22
DHJ-14-015 (6086782)		1.30	0.036
DHJ-14-016 (6086783)		1.02	0.023
DHJ-14-017 (6086784)		1.56	0.076
DHJ-14-018 (6086785)		1.18	0.002
DHJ-14-019 (6086786)		1.28	0.014
DHJ-14-020 (6086787)		0.84	0.032
DHJ-14-021 (6086788)		0.84	0.035
DHJ-14-022 (6086789)		0.78	0.001
DHJ-14-023 (6086790)		0.82	0.250
DHJ-14-024 (6086791)		0.80	0.056
DHJ-14-025 (6086792)		0.80	0.121
DHJ-14-026 (6086793)		1.04	0.057
DHJ-14-027 (6086794)		0.92	0.090
DHJ-14-028 (6086795)		1.24	<0.001
DHJ-14-029 (6086796)		1.72	2.06
DHJ-14-030 (6086797)		1.12	0.004
JMM-14-001 (6086798)		1.18	0.134

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14B917028

PROJECT:

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

CLIENT NAME: METALS CREEK RESOURCES

ATTENTION TO: MICHAEL MACISAAC

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

DATE SAMPLED: Nov 17, 2014

DATE RECEIVED: Nov 17, 2014

DATE REPORTED: Dec 08, 2014

SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Unit: RDL:	Sample Login Weight kg 0.01	Au ppm 0.001
JMM-14-002 (6086799)		1.32	<0.001
JMM-14-003 (6086800)		1.16	<0.001
JMM-14-004 (6086801)		1.68	0.005
JMM-14-005 (6086802)		1.48	0.005
JMM-14-006 (6086803)		0.88	0.004
JMM-14-007 (6086804)		1.12	<0.001
JMM-14-008 (6086805)		1.10	<0.001
JMM-14-009 (6086806)		0.54	<0.001
JMM-14-010 (6086807)		1.38	<0.001
JMM-14-011 (6086808)		1.12	<0.001
JMM-14-012 (6086809)		0.74	<0.001
JMM-14-013 (6086810)		0.90	0.004
JMM-14-014 (6086811)		0.80	0.147
JMM-14-015 (6086812)		0.68	0.002
JMM-14-016 (6086813)		0.72	0.001
JMM-14-017 (6086814)		1.70	0.002
JMM-14-018 (6086815)		1.14	<0.001
JMM-14-019 (6086816)		1.54	0.011
JMM-14-020 (6086817)		0.70	0.009
JMM-14-021 (6086818)		1.50	0.002
MAM-14-050 (6086819)		0.62	0.006
MAM-14-051 (6086820)		0.40	1.68
MAM-14-052 (6086821)		0.60	<0.001
MAM-14-053 (6086822)		0.74	0.058
MAM-14-054 (6086823)		0.80	0.145
MAM-14-055 (6086824)		0.76	0.003
MAM-14-056 (6086825)		0.54	0.002
MAM-14-057 (6086826)		1.10	0.034
MAM-14-058 (6086827)		1.36	0.003
MAM-14-059 (6086828)		0.72	0.064
MAM-14-060 (6086829)		0.64	0.008

Certified By:



## Certificate of Analysis

AGAT WORK ORDER: 14B917028

PROJECT:

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

CLIENT NAME: METALS CREEK RESOURCES

ATTENTION TO: MICHAEL MACISAAC

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

DATE SAMPLED: Nov 17, 2014

DATE RECEIVED: Nov 17, 2014

DATE REPORTED: Dec 08, 2014

SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample ID (AGAT ID)	RDL:	0.01 0.001
MAM-14-061 (6086830)		0.52 1.90
MAM-14-062 (6086831)		0.84 0.005

Comments: RDL - Reported Detection Limit

Certified By:



CLIENT NAME: METALS CREEK RESOURCES

ATTENTION TO: MICHAEL MACISAAC

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

Parameter	REPLICATE #1				REPLICATE #2				REPLICATE #3							
	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Au	6086768	1.27	1.56	20.5%	6086788	0.035	0.059		6086808	< 0.001	< 0.001	0.0%				





CLIENT NAME: METALS CREEK RESOURCES

ATTENTION TO: MICHAEL MACISAAC

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

Parameter	CRM #1 (ref.GSP7J)				CRM #2 (ref.GS6D)				CRM #3 (ref.1P5K)				CRM #4 (ref.GSP7J)			
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits
Au	0.722	0.719	100%	90% - 110%	6.09	6.32	104%	90% - 110%	1.44	1.57	109%	90% - 110%	0.722	0.679	94%	90% - 110%



## Method Summary

CLIENT NAME: METALS CREEK RESOURCES

AGAT WORK ORDER: 14B917028

PROJECT:

ATTENTION TO: MICHAEL MACISAAC

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

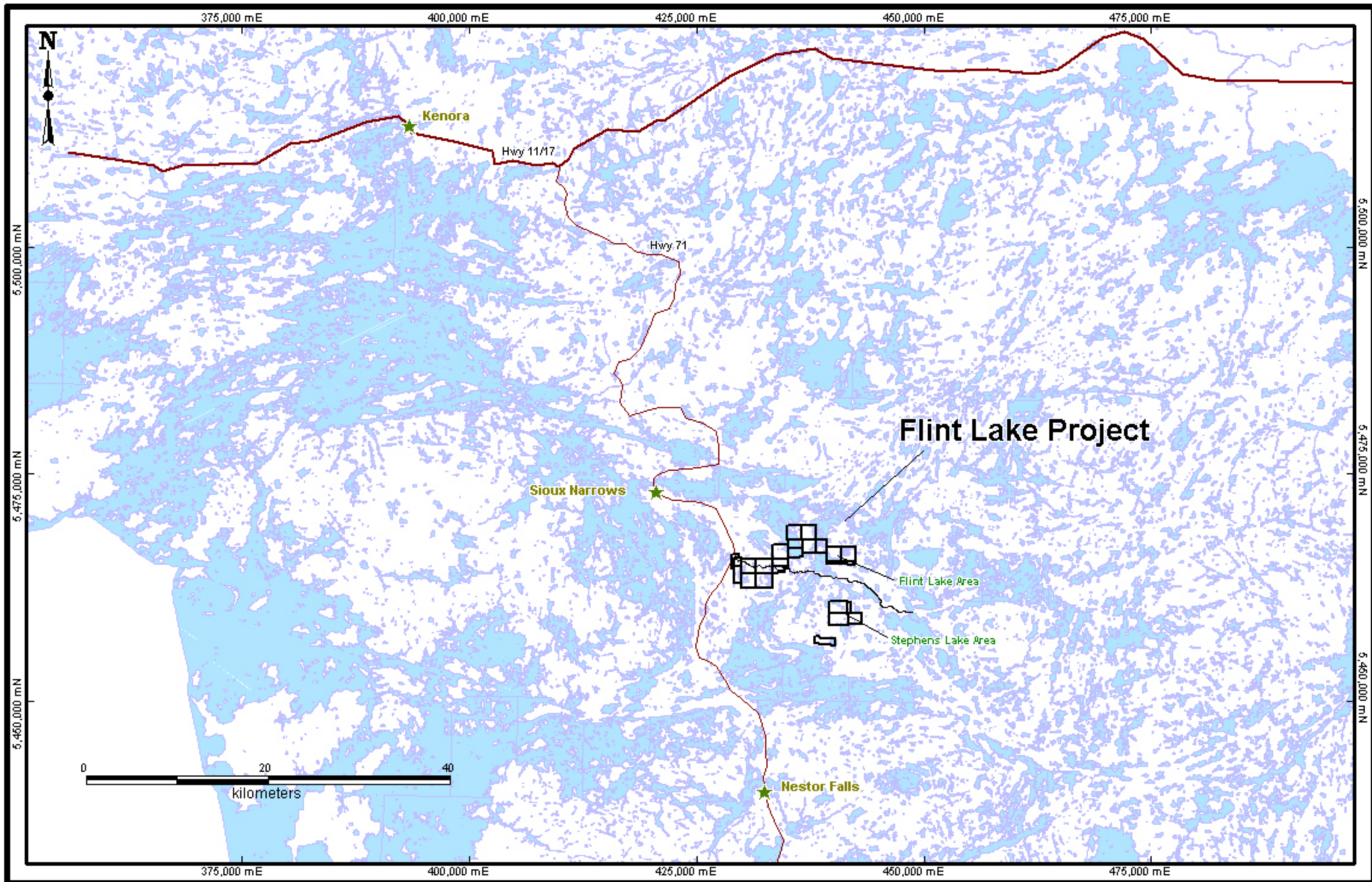
**APPENDIX IV**

**Expenditures**

<b>Expenditures submitted for assessment credit: Prospecting</b>						
	<b>Labour</b>					
	Geologists:	18 man days @ \$450/day				\$ 8,100.00
	<b>Report Writing/Compilation</b>					
	Geologist:	4 days @ \$450/day (Report)				\$ 1,800.00
	Geologist:	3 days @ \$450/day (Prep/Planning)				\$ 1,350.00
	<b>Transportation</b>					
	Mob/demob:					\$ 2,250.00
	Ground Transportation (including fuel):					\$ 2,060.00
	<b>Accomodations/Meals</b>					
	Motels/Lodging:					\$ 779.00
	Food and Meals:					\$ 670.00
	<b>Assays</b>					
	(Au) 64 rock samples @ \$18/sample					\$ 1,152.00
	<b>Total</b>					<b>\$ 18,161.00</b>

## **APPENDIX V**

### **Attached Maps and Figures**





**FLINT LAKE PROJECT  
CLAIM MAP**

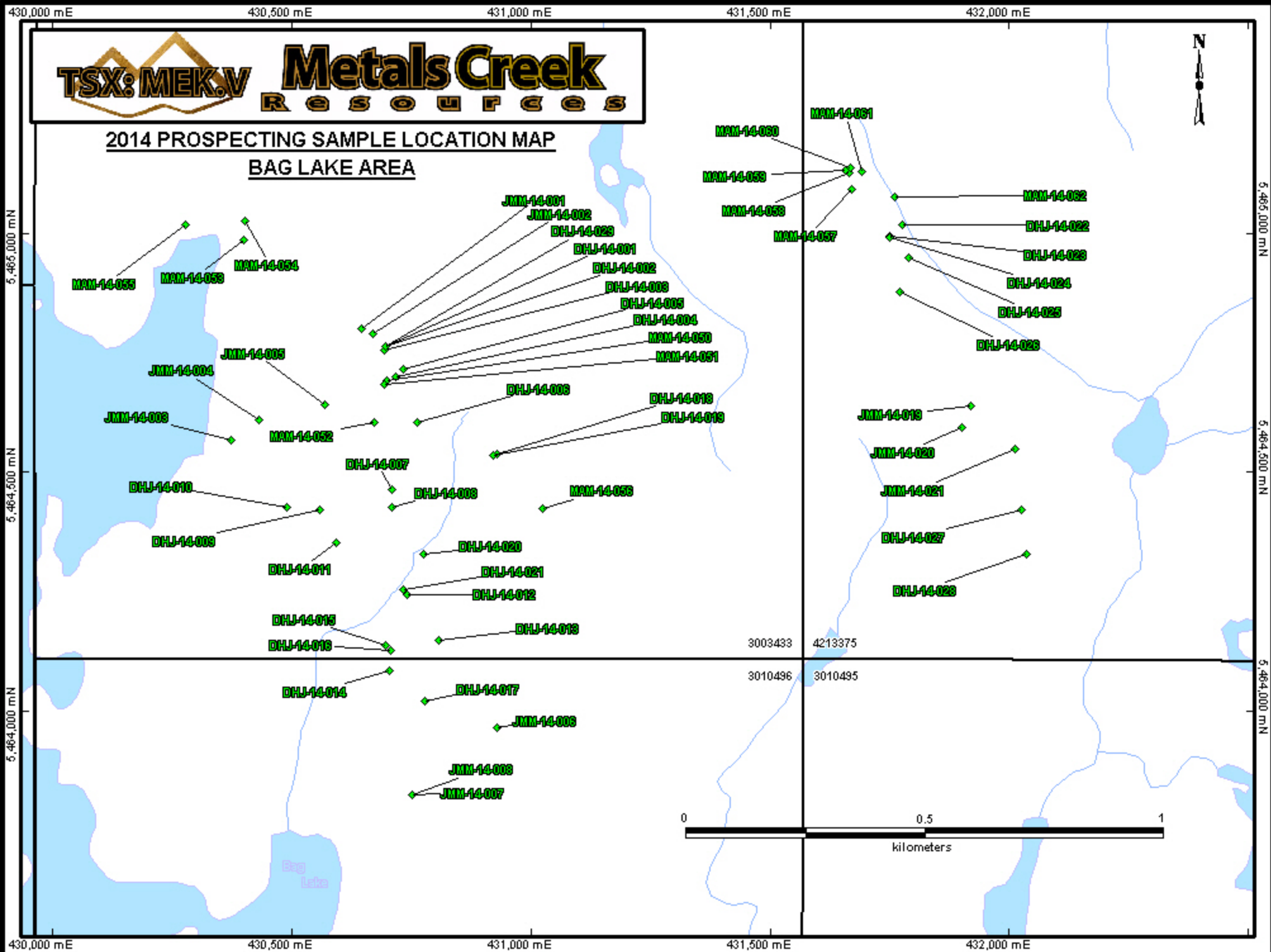


**TSX: MEK.V** **Metals Creek**  
**RESOURCES**





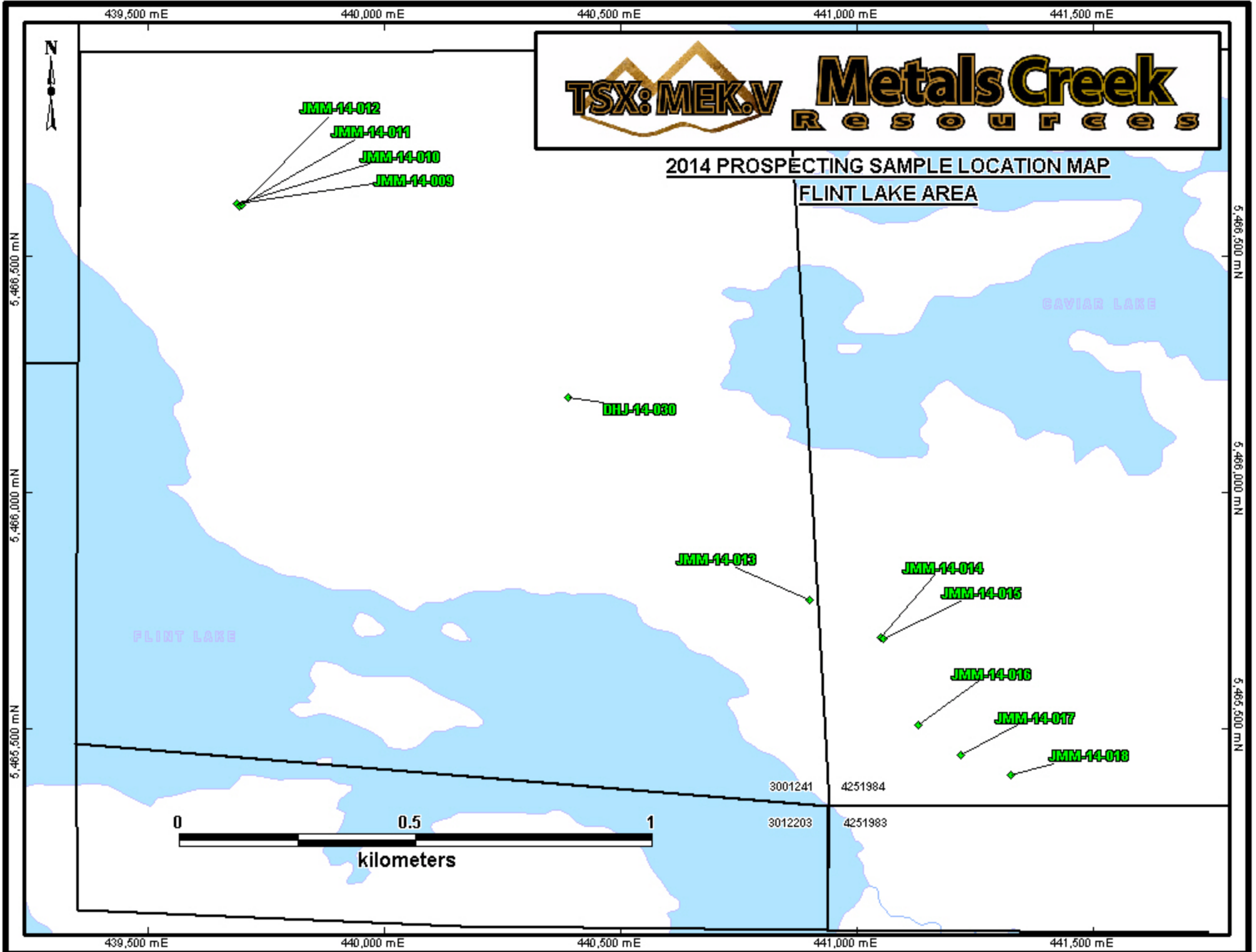
### 2014 PROSPECTING SAMPLE LOCATION MAP BAG LAKE AREA





2014 PROSPECTING SAMPLE LOCATION MAP

FLINT LAKE AREA



439,500 mE 440,000 mE 440,500 mE 441,000 mE 441,500 mE

5,466,500 mN

5,466,000 mN

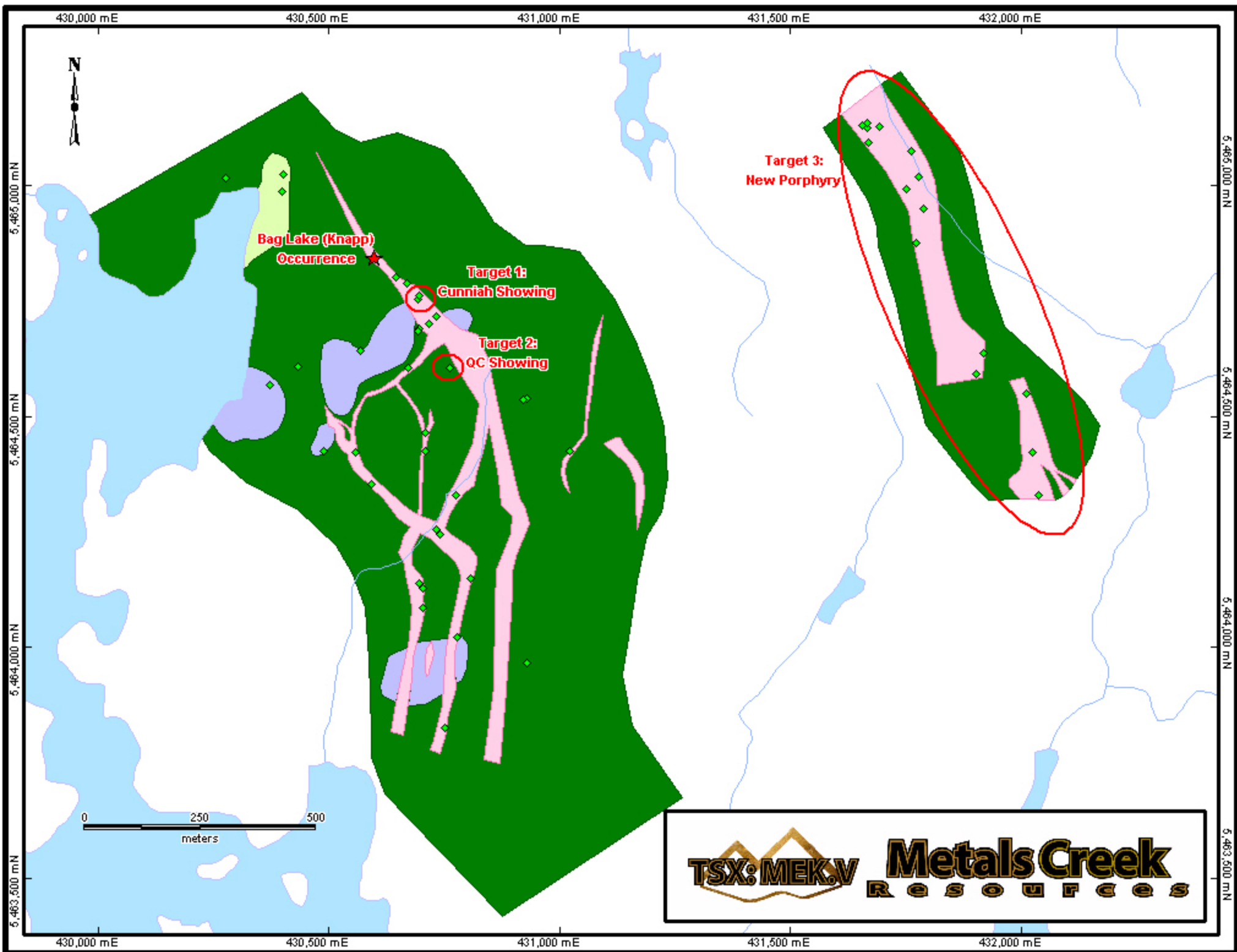
5,465,500 mN

5,466,500 mN

5,466,000 mN

5,465,500 mN

439,500 mE 440,000 mE 440,500 mE 441,000 mE 441,500 mE



Bag Lake (Knapp)  
Occurrence

Target 1:  
Cunniah Showing

Target 2:  
QC Showing

Target 3:  
New Porphyry

TSX:MEK.V **Metals Creek**  
RESOURCES