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**2016 SPRING ASSESSMENT REPORT**

**2016 PROSPECTING, TARGET EVALUATION AND SOIL SAMPLING  
ON THE FLINT LAKE AND DOGPAW PORTIONS  
OF THE FLINT NORTH PROPERTY,  
KENORA MINING DIVISION, NORTHWESTERN ONTARIO**

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



June, 2016

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## **1.0 INTRODUCTION**

During the period of May 24<sup>th</sup> to May 27<sup>th</sup>, 2016, Metals Creek Resources (MEK) personnel conducted a prospecting programs on their Flint Lake and Dogpaw claim groups. The Flint Lake group and Dogpaw claim groups consist of 2 and 3 unpatented mining claims respectively, currently registered to and under an option/JV agreement with Endurance Gold Corp (EDG). The separate claim groups are located within the Kenora Mining District in Northwestern Ontario. The prospecting programs were completed to examine areas of anomalous mineralization from previous exploration campaigns carried out by MEK. Additional sampling to expand the zones was done in addition to some recce soil sampling along strike of gold showings. Collectively between the two claim groups, 58 rock samples and 38 soil samples were collected and analyzed for gold.

## **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 and Dogpaw claim groups 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 various claims of the Flint North Project 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 northern portion of the Bag Lake claim group on the west side of the Flint North Project. This road continues on to the Cameron Lake Gold Project currently being evaluated by First Mining.

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

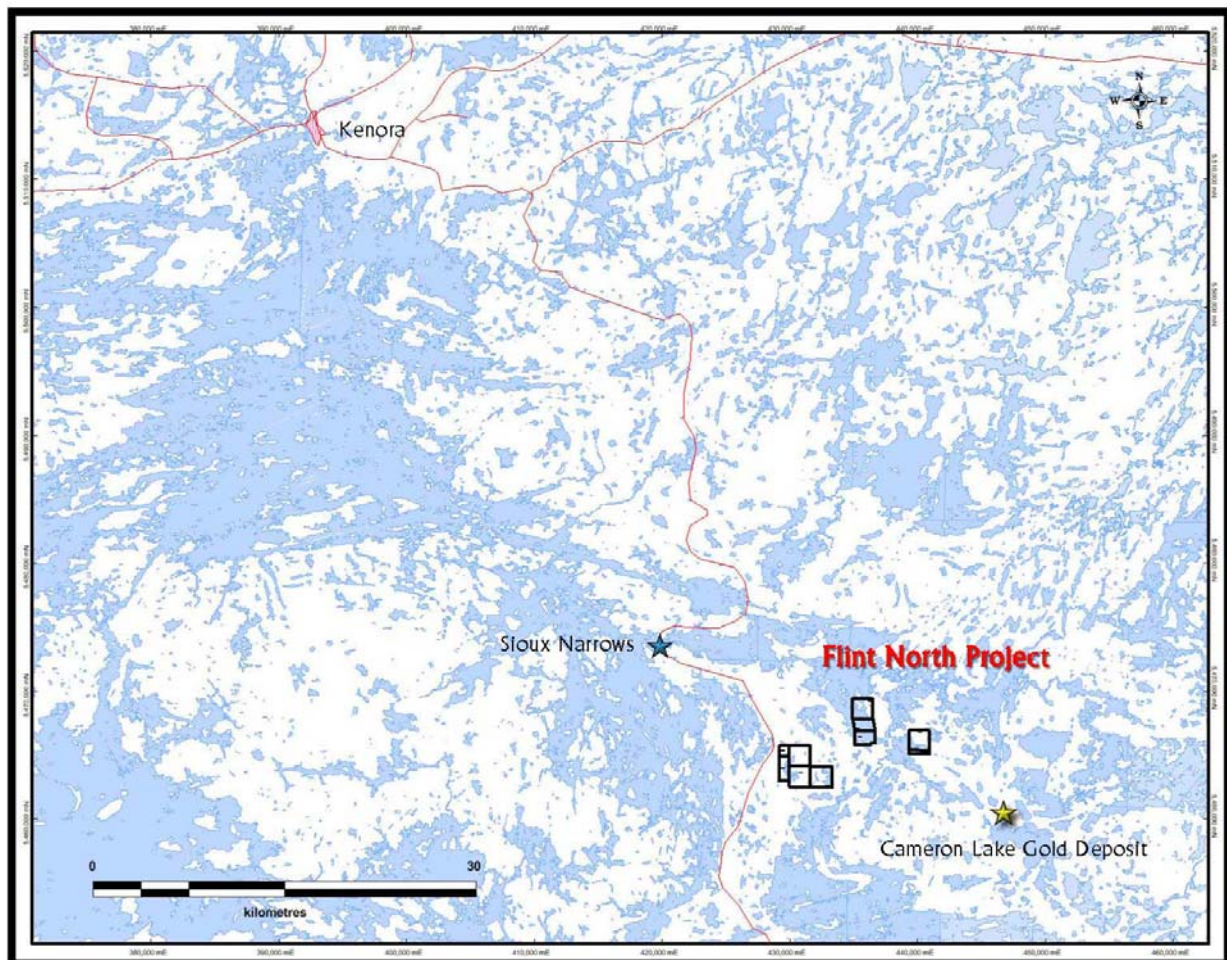
## **4.0 CLAIM HOLDINGS AND PROPERTY DISPOSITION**

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 remaining claims are registered to and under an option/JV agreement with Endurance Gold Corporation. The work in this report was done on two of the three claim groups; the Flint Lake and Dogpaw groups.

*Table 1: Flint North Land Tenure Data*

<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	2016-Sep-26
<u>3001238</u>	9	Endurance Gold Corporation	2002-Jul-02	2016-Jul-02
<u>3001239</u>	16	Endurance Gold Corporation	2002-Jul-02	2017-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	2016-Sep-03
<u>3003583</u>	10	Endurance Gold Corporation	2003-Apr-22	2017-Apr-22
<u>3003672</u>	8	Endurance Gold Corporation	2002-Oct-15	2016-Oct-15
<u>3010495</u>	16	Endurance Gold Corporation	2002-Oct-15	2016-Oct-15
<u>3010496</u>	16	Endurance Gold Corporation	2002-Oct-15	2016-Oct-15
<u>3012203</u>	4	Endurance Gold Corporation	2003-Apr-22	2017-Apr-22



*Figure 1: Regional Location Map*

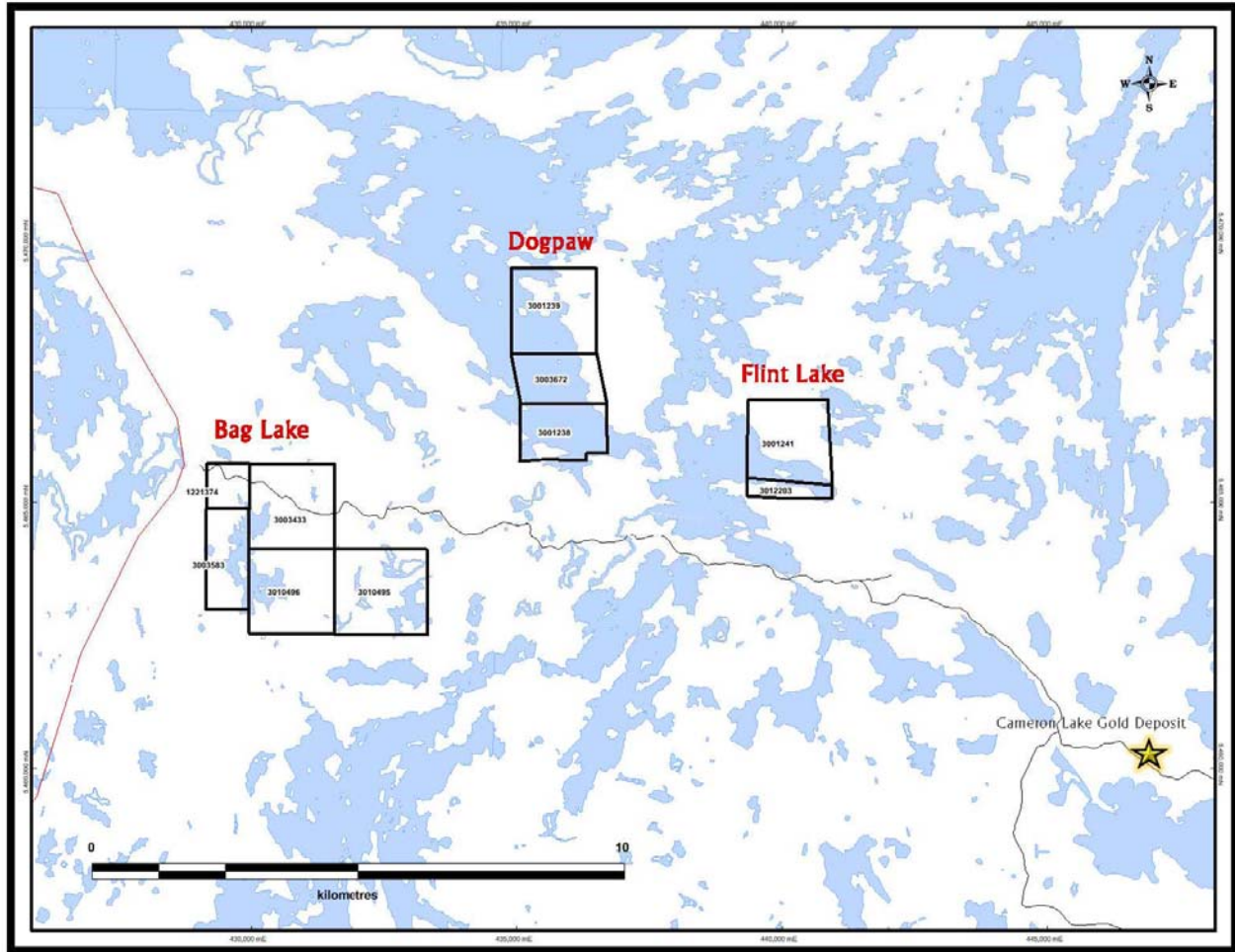


Figure 2: Flint North Project Claim Groups

## 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.



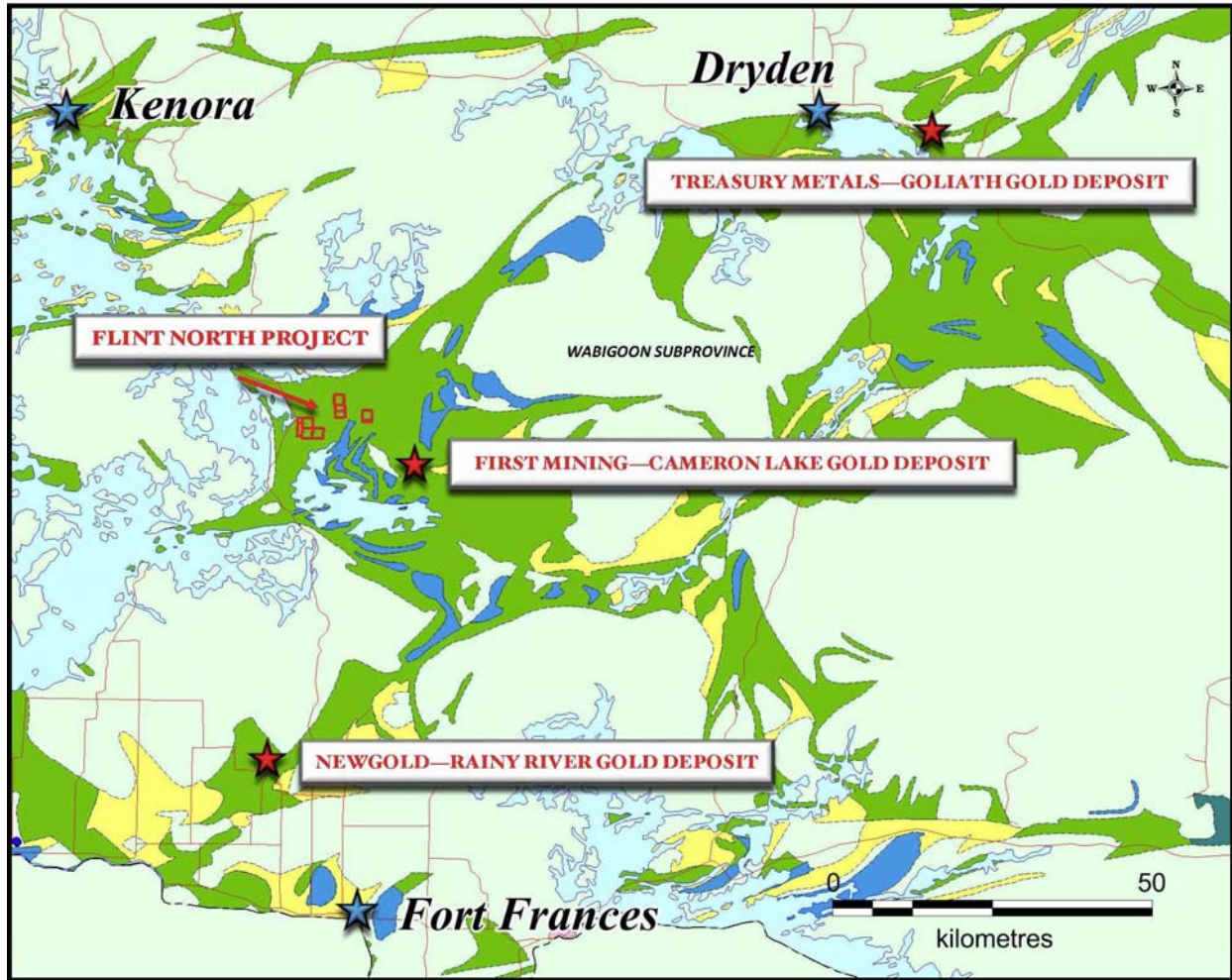


Figure 3: Regional Geology

## 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 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).

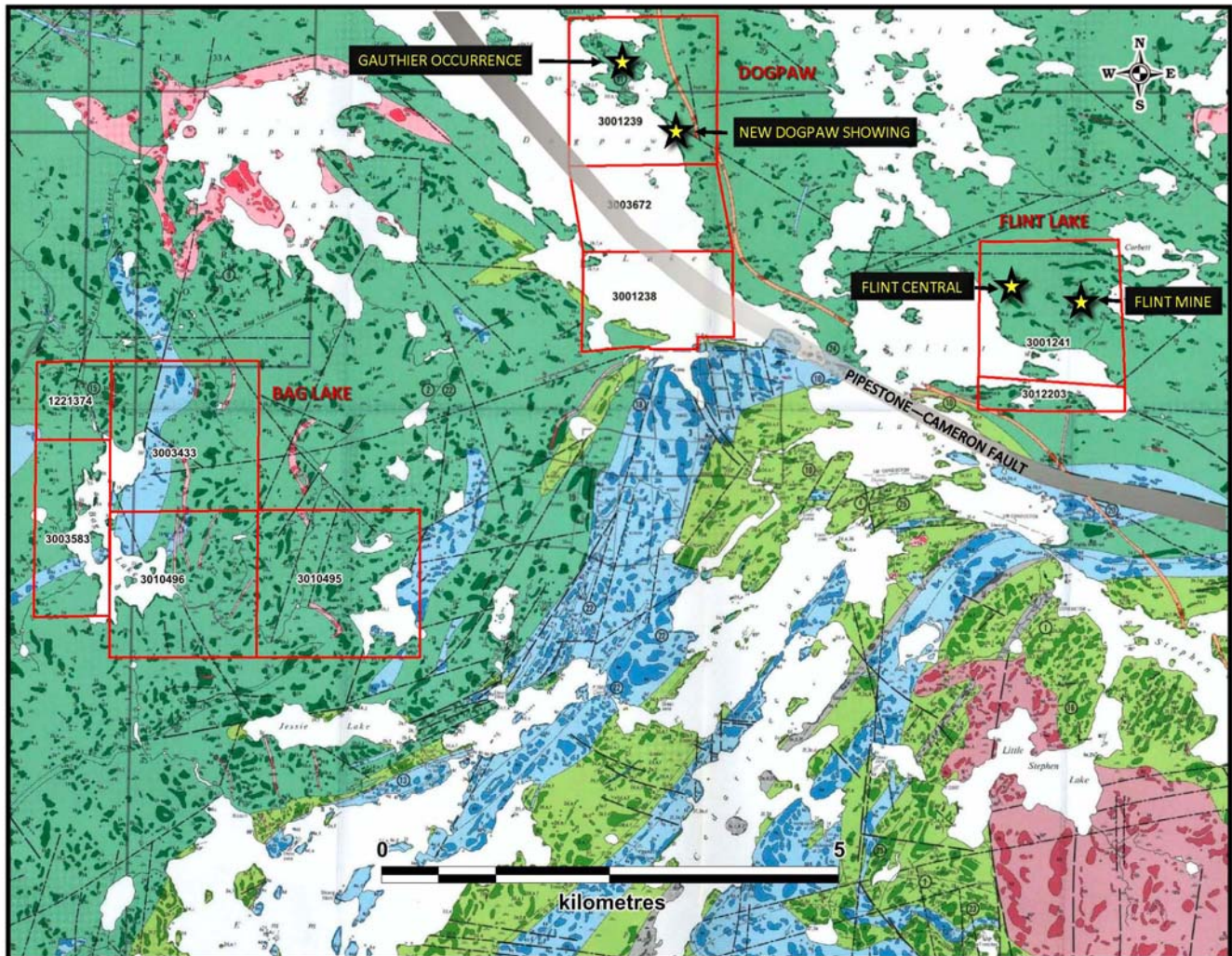


Figure 4: Property Geology Map

## 7.0 EXPLORATION HISTORY

### Property History

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

**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 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.

## **8.0 CURRENT PROGRAM**

During the period of May 24<sup>th</sup> to May 27<sup>th</sup>, 2016, Metals Creek Resources personnel conducted a prospecting program focusing on the claim blocks of Dogpaw and Flint Lake. This program was designed to evaluate anomalous samples that were collected between 2009 and 2011 by MEK personnel, to prospect the lake shores of Flint and Dogpaw Lakes as well as the commencement of small recce soil surveys totaling 36 soil samples along strike of gold showings.

The Flint Lake claim group saw a total of 28 rock samples and 25 soil samples collected over two days of work. Four areas of anomalous sampling from 2009 and 2010 were followed up and evaluated with additional sampling to try and expand the mineralization and discussed in more detail in the conclusions section.

Lake shore boat prospecting and two walked traverses were done on the southern portion of the present Flint Lake claim group and discovered numerous north striking granodiorite to quartz-feldspar porphyry dikes with few quartz veinlets, trace disseminated pyrite and weak-moderate silicification and fe-carbonate alteration. Six samples from these dikes were collected returning insignificant results.

Five randomly distributed and unbiased grab samples were taken from the historic Flint Lake mine site stock piles. These samples were dominantly white quartz material with varying amounts of chlorite, Fe-carbonate and sheared mafic volcanic content. The on-going sampling is an attempt to better understand the average gold grade within the stockpile (approximately 25.5g/t Au).

Four recce soil lines were conducted northwest and southeast of the Flint Central trenching that returned 7.8g/t Au over 3.1m. The soils lines were oriented perpendicular to the orientation of the gold mineralization in an area of little outcrop in attempt to discovery an anomaly along stike. Soils were collected at 25m spacings on lines spaced approximately 50m apart. An additional five soils were collected over an area thought to be along strike of the historic Flint Mine. Due to the topography the soil quality was generally poor consisting of silts to clays.

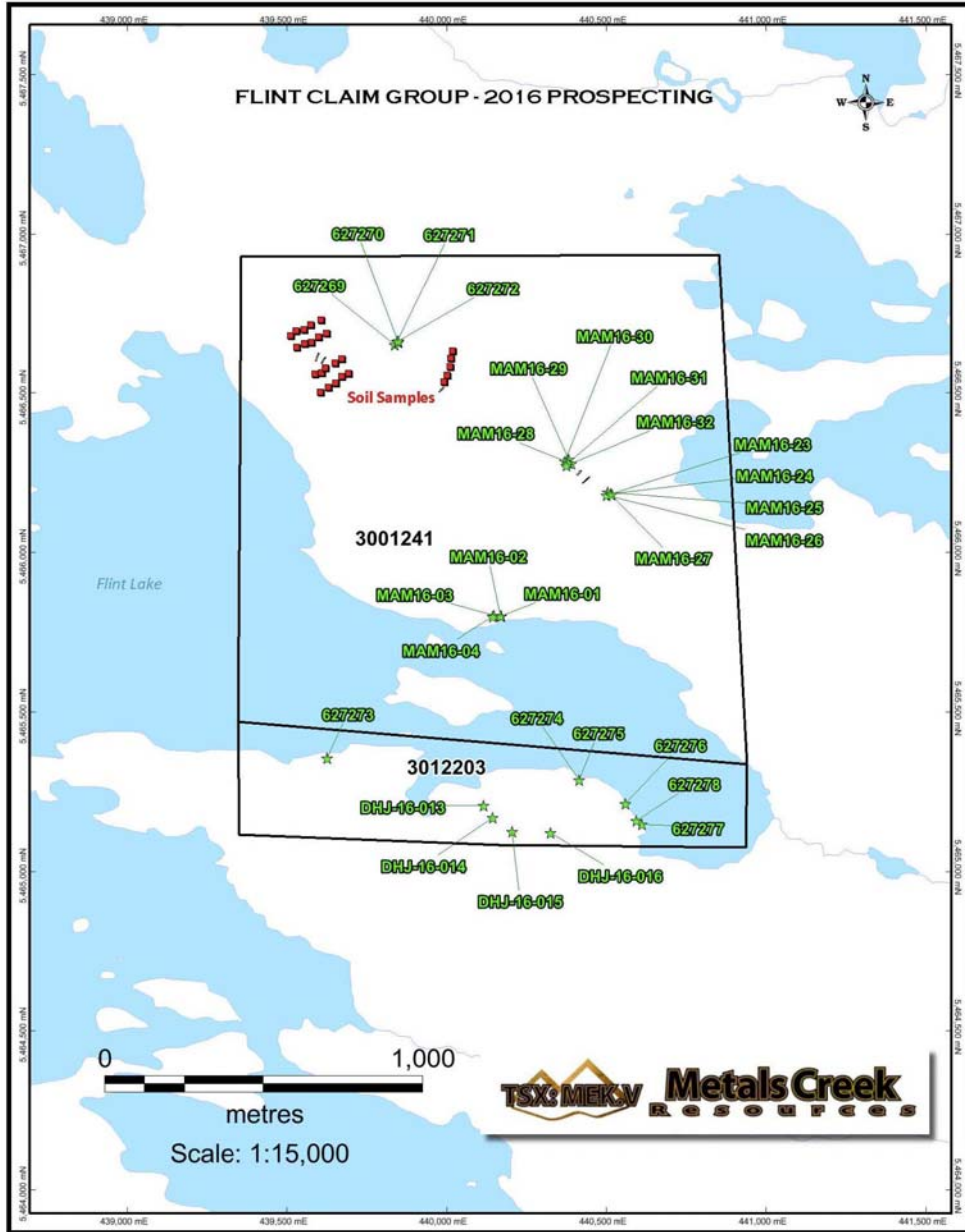


Figure 5: Flint Lake Prospecting Map

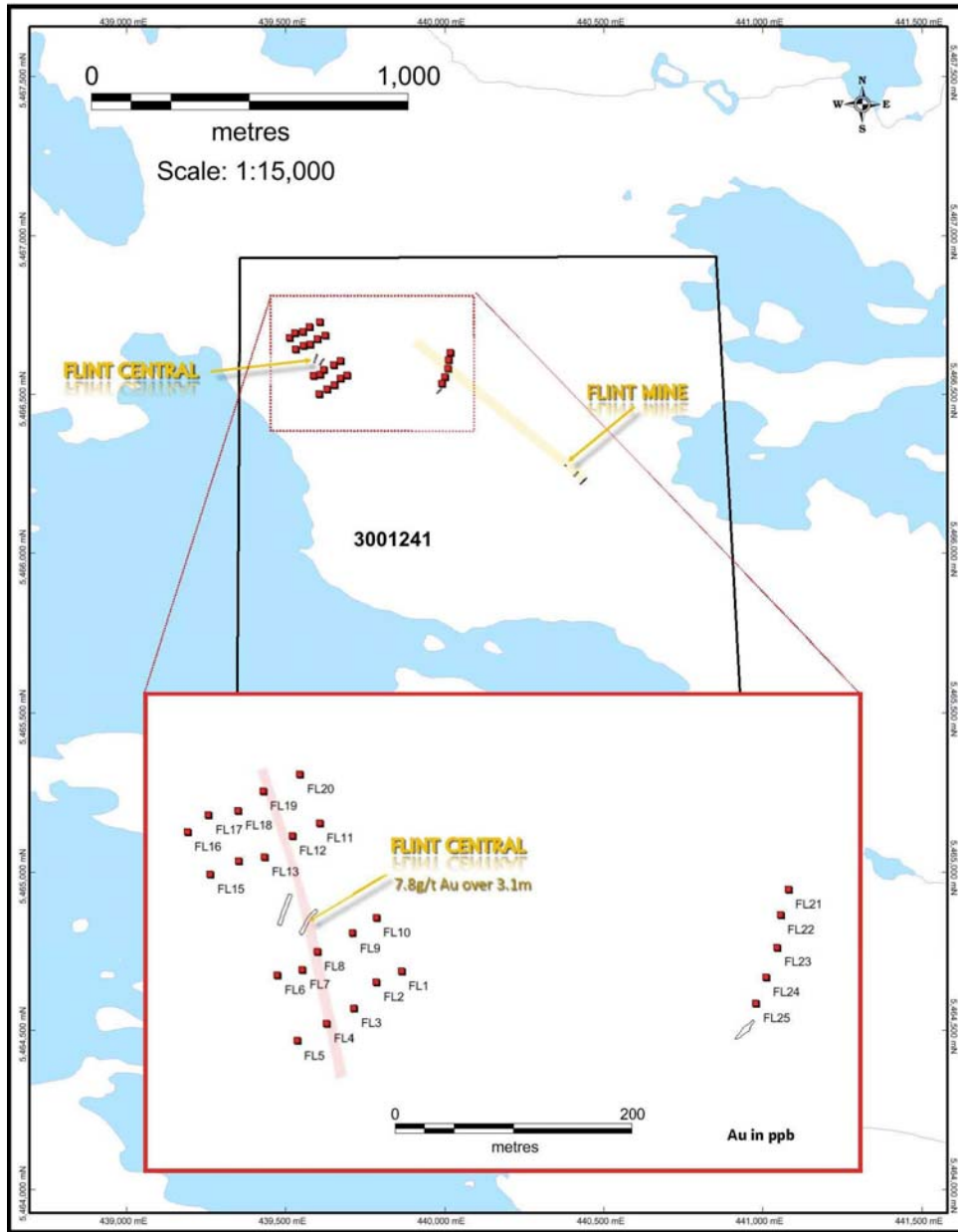


Figure 6: Flint Lake Soil Locations

Work on the Dogpaw claim block consisted mainly of prospecting, with a very small soil sampling program. Prospecting resulted in the collection of 30 rock samples of gold assays. Historically, lakeshore prospecting had focused primarily on quartz veining so this program was focused on deformation/alteration zones or lithological changes. In addition to the lakeshore prospecting, three anomalous samples from the 2010 grid mapping campaign were followed up on for evaluation and to see if additional sampling could expand the mineralization. During the follow-up traverses, three areas of quartz veining not previously seen or sampled were discovered and sampled. One quartz vein returned an anomalous value of 0.47g/t gold.

Some time was spent in the vicinity of the historic Gauthier occurrence to understand the size, orientation and style of mineralization of this zone. Prospecting north of the

occurrence uncovered silicified felsic to intermediate volcanics with trace to moderate pyrite mineralization. Three samples of this material returned values to 1.37g/t gold. Soil sampling took place east of and along strike of the New Dogpaw showing that returned 1.6g/t Au over xxm in channel sampling on the shore of Dogpaw Lake. A total of eleven samples were collected.

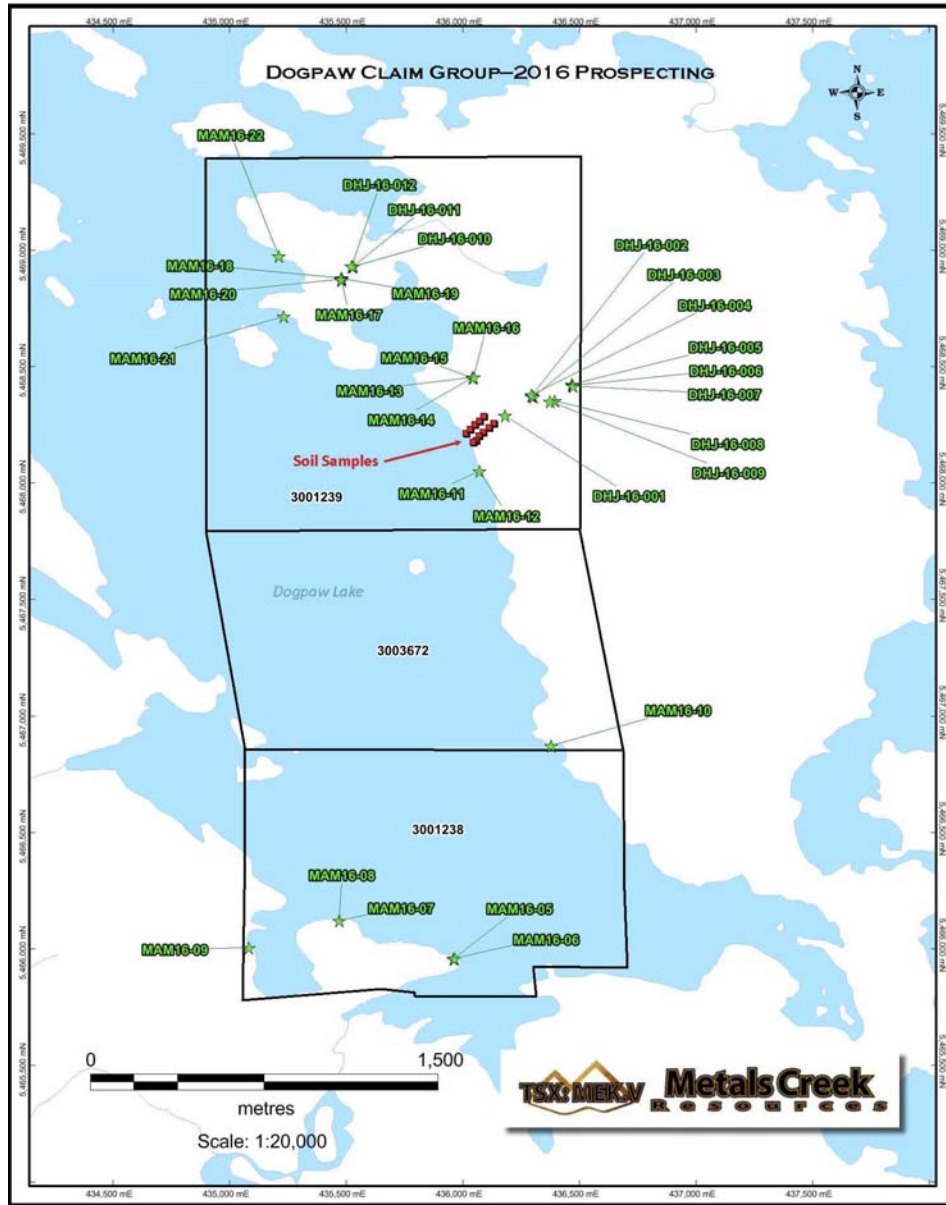


Figure 7: Dogpaw Prospecting Map

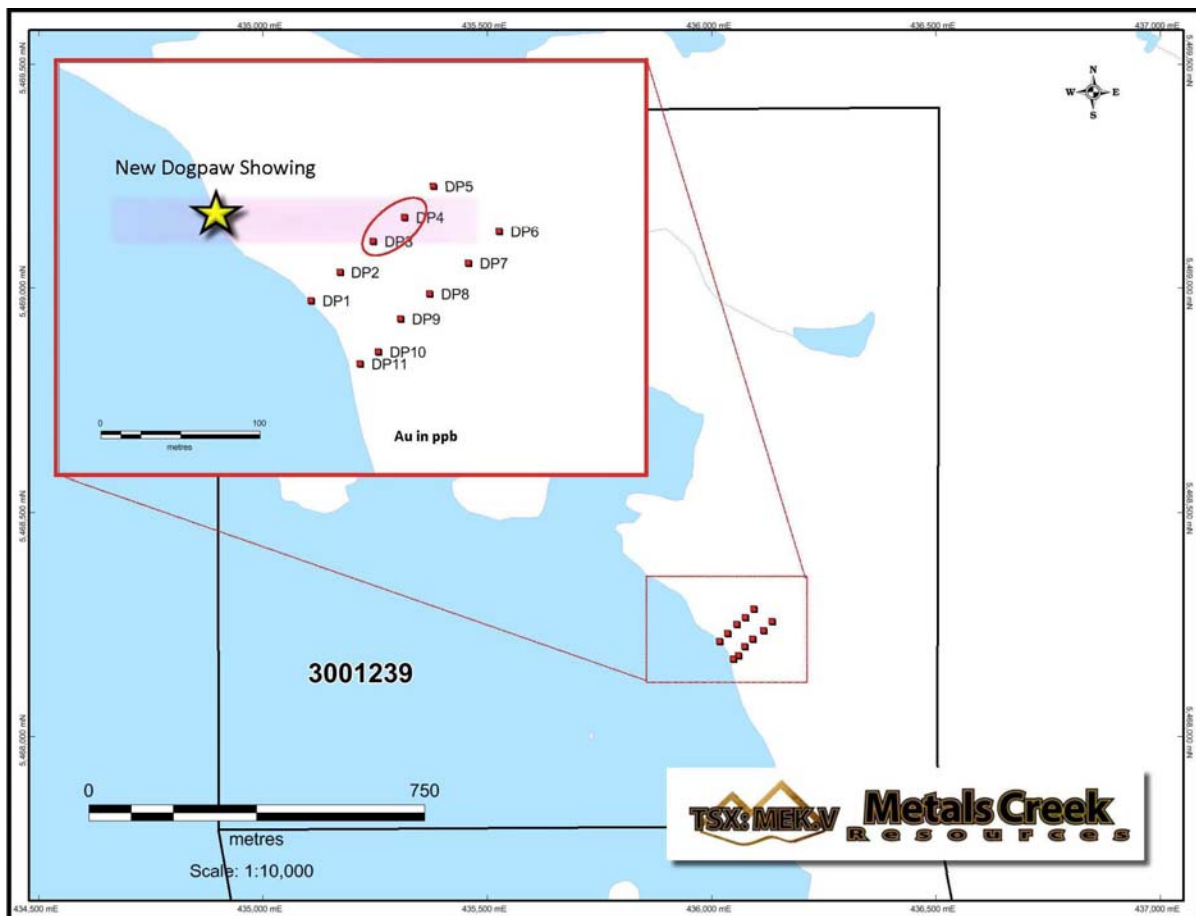


Figure 8: Dogpaw Soil Locations

## 9.0 CONCLUSION AND RECOMMENDATIONS

This program of prospecting was successful in outlining areas of interest on both the Flint Lake and Dogpaw claims groups within Metals Creek's Flint North Property. A particular area of interest resulting from this prospecting is the consistently anomalous sampling from silicified and pyritized mafics located close to the eastern boundary of claim 3001239 returning to 1.12g/t Au. Another area of interest is located approximately 50m north of the historic Gauthier occurrence where sampling of silicified and pyritized felsic to intermediate volcanics returned 1.37g/t Au.

A summary and recommendation for each sampled area is listed below.

### Dogpaw

#### Gauthier Area:

This area was initially discovered and sampled by Albert Gauthier in 1994 and has seen exploration work since then including limited diamond drilling. The current prospecting was to evaluate the size and style of mineralization within the showing and to prospect the area in hopes of discovering other areas of gold mineralization. The Gauthier occurrence is an extremely silicified intermediate volcanic hosting quartz veins and significant pyrite mineralization to 10%. Additional prospecting of the Gauthier area

returned 1.37g/t Au from silicified and weakly pyritized felsic to intermediate volcanics. Only three samples were collected in the area and it is felt that additional prospecting be carried to the northwest of this sampling. Manual stripping and channeling is also recommended.

Target 1:

The 2016 follow up in this area was carried out to follow-up on one anomalous sample taken during the 2010 field mapping/prospecting completed by MEK that returned 0.41g/t Au. The sample was taken from a 4m wide shear zone with local quartz veinlets but 2016 sampling could not reproduce or enhance the previous sampling; therefore no further work is suggested at this location.

Target 2:

Sampling from this location during the 2010 mapping/prospecting by MEK returned a gold value of 0.61g/t Au that was evaluated again during this prospecting campaign. The area is brecciated by late silicification and epidotization that hosts 2-4% cubic pyrite. The 2016 sampling was carried out over a 3m span, collecting three samples yielding 0.005g/t, 0.93g/t and 1.12g/t Au. This location warrants further prospecting along strike as well as stripping to evaluate the true width and orientation.

Target 3:

A third anomalous sample from 2010 was evaluated and re-sampled returning another anomalous result. A quartz vein of unknown width had originally returned 0.73g/t Au in 2010 and when re-sampled in 2016 returned 0.47g/t Au. Additional sampling around the vein from gabbroic and cherty material was done but no significant results were attained. Additional work in the form of prospecting or trenching should be undertaken to evaluate the prospect better.

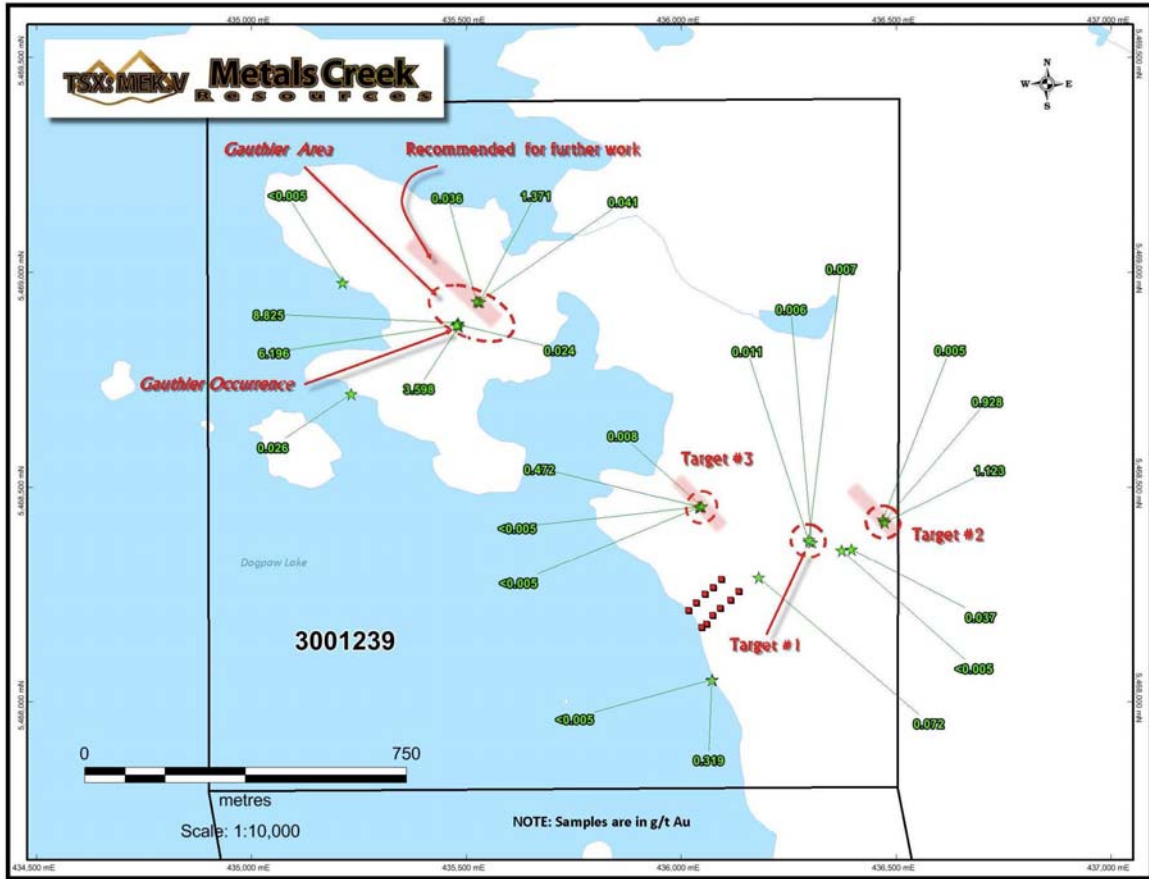


Figure 9: Dogpaw Target Evaluations Map

Soils

A small 11 sample soil survey sampling east and along strike of the New Dogpaw Showing resulted in three weakly anomalous samples from 9 to 12ppb Au. One of the soils is very close to the lakeshore where a historic 4.05g/t Au samples was achieved from a narrow quartz vein. Of more interest is east of the showing, where soils of 9 and 12ppb that may possibly highlight the on-strike extension of the New Dogpaw Showing. Manual stripping is proposed in this rugged area in close proximity to the lakeshore with appropriate channel sampling to follow should anything of interest be uncovered.

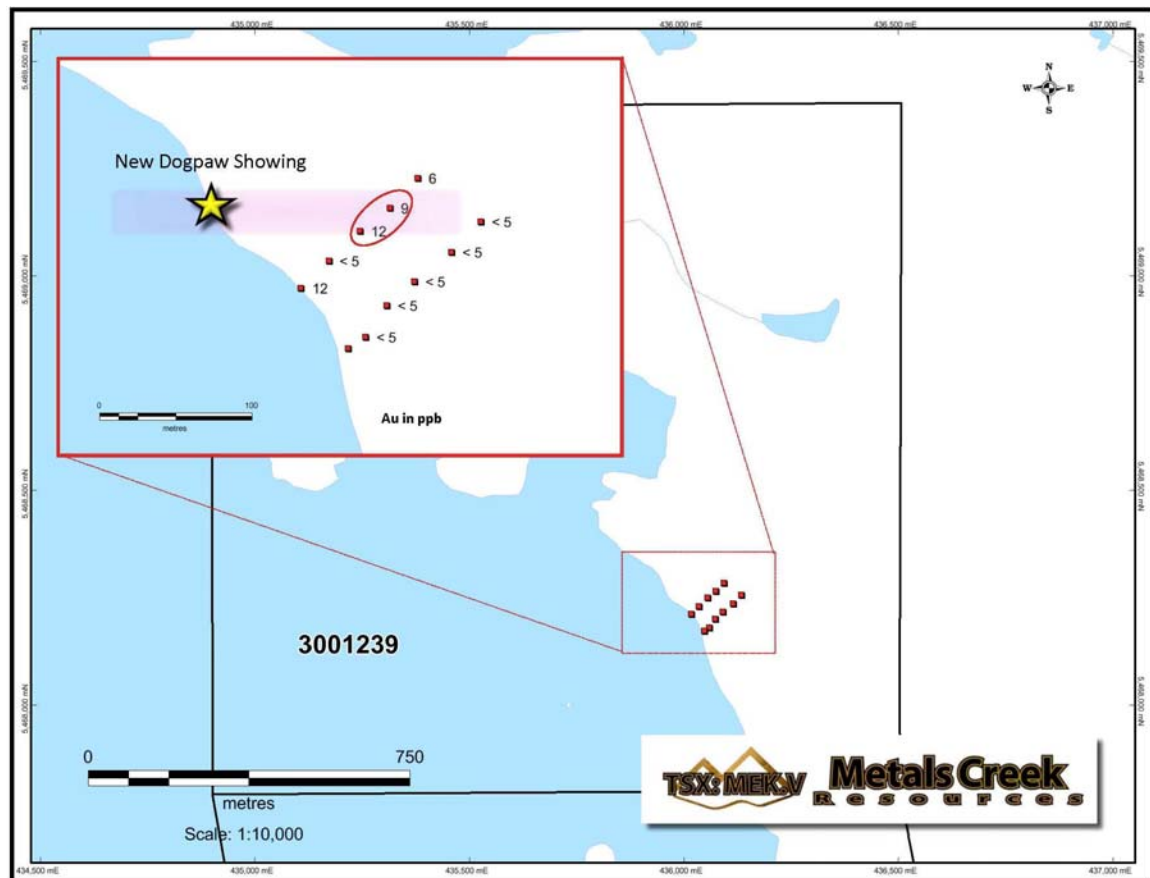


Figure 10: Dogpaw Soil Results

## Flint Lake

### Target 1:

A single anomalous sample in this area from 2010 prospecting was followed-up on in this phase of prospecting in an attempt to expand a potential gold bearing zone. Four additional samples of carbonate-chlorite-sericite schist with occasional quartz stringers were collected for analysis. None of the four samples returned gold values over 0.006g/t Au. This area is not recommended for any additional work.

### Target 2:

Follow-up analysis of another single sample took place just north of the north shore of Flint Lake where a sample in 2009 by MEK returned 1.33g/t Au from mineralized quartz veining. An additional two samples collected in 2016 returned 0.16g/t Au and 0.69g/t Au. Although not economic grades, the target area remains an area that warrants some trenching better expose the mineralized quartz veining.

No prospecting had been carried out by MEK on claim 3012203 so traverses and boat work was carried out within this claim. Intrusive dikes of granodiorite were discovered and sampled but no significant results were attained.



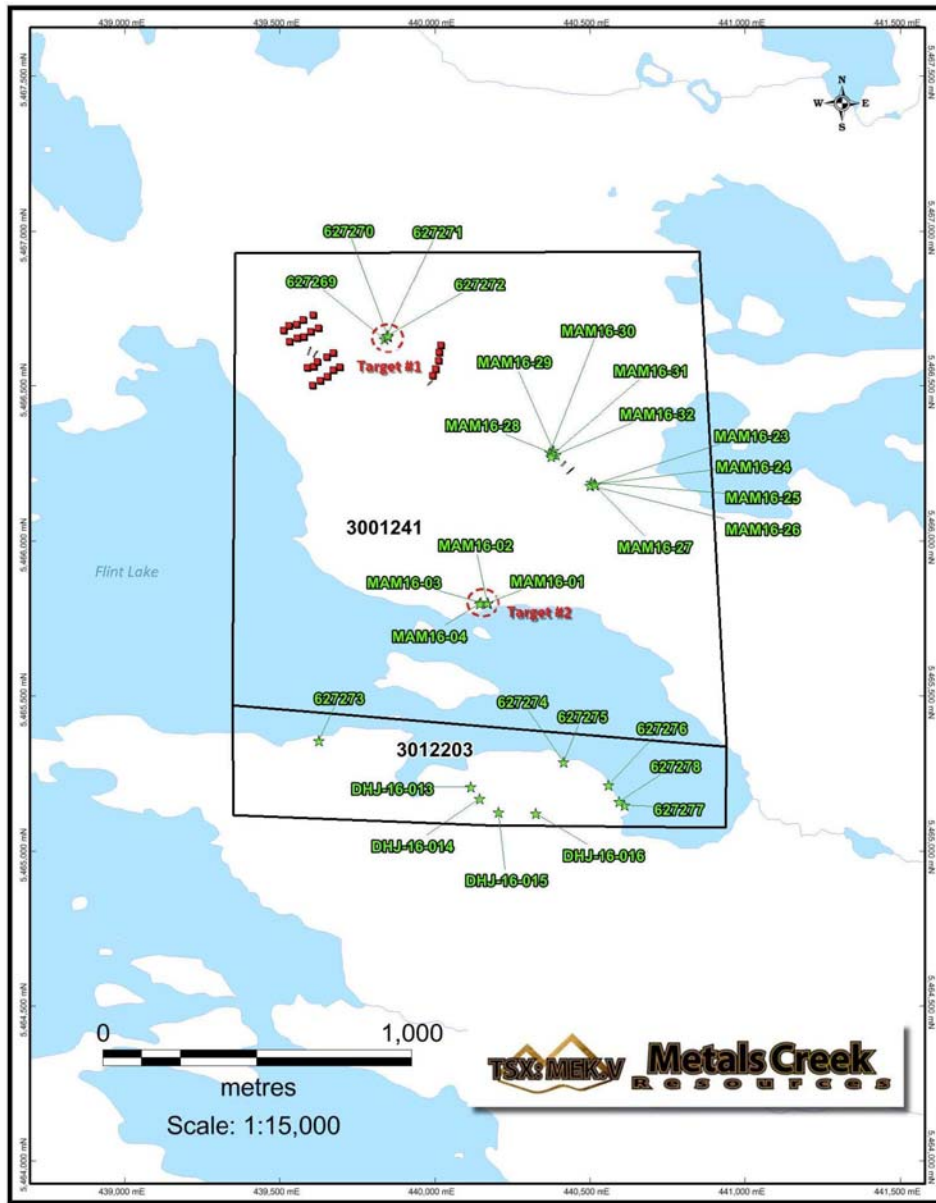


Figure 11: Flint Lake Targets Evaluation Map

Soils

Twenty soil samples were collected on 4 short soil lines targeting areas along strike of the Flint Central gold occurrence. Three of the twenty soils are greater than 10ppb and two of them appear to lie in close proximity to the strike orientation southeast of the gold mineralization uncovered in 2012 trenching. Poor soil quality and large 25m soil spacings could be the result of low gold values. However, there appears to be a gold trend to the southeast that warrants trenching as outcrop is scarce. Mechanical trenching is highly recommended to extend gold mineralization to allow for surface channeling. An additional five soils were done across the center of the property in what is thought to be the Flint Mine deformation zone. No significant results were generated.

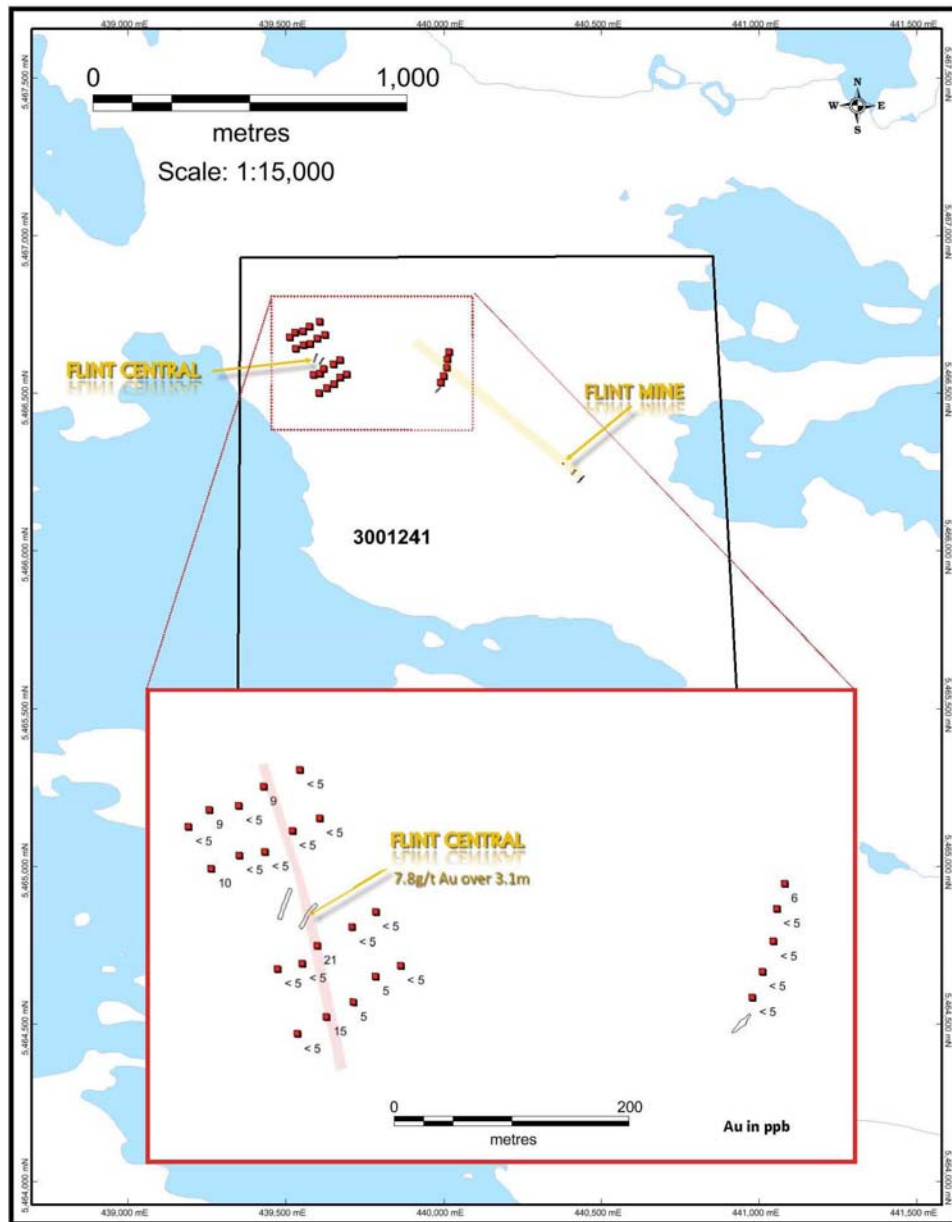


Figure 12: Flint Lake Soil Results

## 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.

**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:

June 07, 2016

## **APPENDIX I**

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

<u>Sample</u>	<u>Northing</u>	<u>Easting</u>	<u>Date</u>	<u>Elevation</u>	<u>Description</u>	<u>Au g/t</u>
DHJ-16-001	5468289.134	436179.974	25-May-16	369.99	massive quartz vein crossing gabbro, white to weak grey, trace carb along joints, trace pyrite	0.072
DHJ-16-002	5468373.103	436296.128	25-May-16	364.22	chl/ser/carb schist @ , quartz/carb veinlet parallel to schistosity	0.011
DHJ-16-003	5468371.711	436303.629	25-May-16	364.70	chlorite schist @ , intruded by anastomosing quartz stringers and associated calcium carbonate	0.006
DHJ-16-004	5468377.712	436296.455	25-May-16	362.78	chlorite schist @ , intruded by a 4mm quartz veinlet and associated calcium carbonate, tr pyrite	0.007
DHJ-16-005	5468425.242	436469.049	25-May-16	362.54	brecciated pillow? Quartz-epidote flooding with trace pyrite	0.005
DHJ-16-006	5468419.697	436471.456	25-May-16	362.06	brecciated and silicified pillows? Hairline quartz stringers with silicified halos and carb alt, strong local sil with 4% cubic pyrite	0.928
DHJ-16-007	5468417.541	436472.490	25-May-16	361.82	brecciated and silicified pillows? Hairline quartz stringers with silicified halos and carb alt, strong local sil with 4% cubic pyrite	1.123
DHJ-16-008	5468354.310	436395.249	25-May-16	365.66	intermediate vol, intruded by late quartz stringers, 1.5% fine cubic pyrite associated with the quartz	0.037
DHJ-16-009	5468351.799	436373.125	25-May-16	366.87	massive quartz veining 20cm wide, trace carbonate, barren	<0.005
DHJ-16-010	5468930.160	435527.374	26-May-16	344.03	silicious felsic-intermediate vol, grey/green, occasional quartz stringer, 0.5% pyrite	0.041
DHJ-16-011	5468930.827	435530.923	26-May-16	344.76	silicious felsic-intermediate vol, grey/green/brown, 15% carb alteration, 0.5% pyrite	1.371
DHJ-16-012	5468931.901	435523.602	26-May-16	345.24	silicious felsic-intermediate vol, grey/green/brown, 15% carb alteration, cut by late quartz/carb stringers, 1.5 - 2.0% pyrite	0.036
MAM16-05	5465958.565	435961.106	25-May-16	317.12	fel-qtz tuff, quartz stringers, trace pyrite	0.048
MAM16-06	5465959.354	435964.532	25-May-16	325.29	carb alt'd feld-qtz tuff, 1% pyrite, local quartz stringers	0.054
MAM16-07	5466123.190	435470.672	25-May-16	328.17	porphyry, minor quartz stringers, weak carb alt, trace diss pyrite	<0.005
MAM16-08	5466122.989	435471.875	25-May-16	327.45	porphyry, minor quartz stringers, weak carb alt, trace diss pyrite	<0.005
MAM16-09	5466005.370	435083.101	25-May-16	327.45	carb altered int-mafic volc, intense carb alteration	0.018
MAM16-10	5466874.649	436378.044	25-May-16	332.74	carb altered quartz vein	<0.005
MAM16-11	5468050.885	436072.585	25-May-16	329.62	quartz vein within chlorite-sericite schist, shear zone	<0.005
MAM16-12	5468050.410	436070.984	25-May-16	332.74	carb altered sericite schist, shear zone	0.319
MAM16-13	5468454.284	436045.633	25-May-16	351.73	aphanitic chert, trace diss pyrite	<0.005
MAM16-14	5468452.362	436041.868	25-May-16	350.52	aphanitic chert, trace diss pyrite	<0.005
MAM16-15	5468453.393	436040.553	25-May-16	352.69	quartz vein, rusty, 1% pyrite	0.472
MAM16-16	5468455.628	436046.282	25-May-16	355.09	fg-mg mineralized gabbro, 3% py-po	0.008
MAM16-17	5468872.103	435481.167	26-May-16	355.33	rusty quartz vein	3.598
MAM16-18	5468882.039	435480.249	26-May-16	355.81	quartz vein	8.825
MAM16-19	5468877.989	435479.940	26-May-16	356.77	chlorite schist, carb alteration	0.024
MAM16-20	5468876.530	435477.215	26-May-16	356.05	quartz vein within shear zone, 1% pyrite, rusty	6.196
MAM16-21	5468716.421	435231.504	26-May-16	329.13	carb altered chlorite schist	0.026
MAM16-22	5468976.100	435211.683	26-May-16	330.58	carb altered mafic vol, local sericite	<0.005

**DOGPAW CLAIM GROUP SAMPLING**

<u>Sample</u>	<u>Northing</u>	<u>Easting</u>	<u>Date</u>	<u>Elevation</u>	<u>Description</u>	<u>Au g/t</u>
627269	5466650.667	439836.400	24-May-16	340.67	chl/ser/carb schist @ 294-75	0.006
627270	5466659.438	439848.144	24-May-16	343.07	chl/ser/carb schist @ 294-75	<0.005
627271	5466660.311	439844.196	24-May-16	344.76	chl/ser/carb schist @ 294-75	<0.005
627272	5466663.307	439848.813	24-May-16	342.35	chl/ser/carb schist with thin quartz @ 294-75	<0.005
MAM16-01	5465800.300	440170.405	24-May-16	336.34	quartz veining in intermediate vol, carb alt, trace pyrite	0.161
MAM16-02	5465800.884	440168.134	24-May-16	335.38	quartz veining within mafic vol, trace pyrite	0.698
MAM16-03	5465801.610	440147.700	24-May-16	335.38	carb altered zone with quartz stringers, trace pyrite	0.039
MAM16-04	5465798.952	440142.745	24-May-16	337.55	carb altered zone with quartz stringers, trace pyrite	0.065
DHJ-16-013	5465206.470	440114.466	27-May-16	332.98	f.grained, massive chloritic pillow	<0.005
DHJ-16-014	5465168.761	440143.840	27-May-16	338.75	f.grained intermediate vol, weakly silicious, thin 2mm quartz, trace pyrite in host	0.006
DHJ-16-015	5465125.575	440203.709	27-May-16	345.96	f-m.grained, carb'd felsic intrusive, deep orange/red colour, carb alt, quartz stringer, trace pyrite	<0.005
DHJ-16-016	5465120.799	440323.948	27-May-16	341.63	f.grained, fairly massive, chloritic, occasional yellow epi stringer, minor quartz, trace pyrite	<0.005
MAM16-23	5466182.258	440514.992	27-May-16	355.09	quartz vein within sheared mafic vol, rusty, local carb, 1% diss pyrite, rubble	0.102
MAM16-24	5466182.595	440512.359	27-May-16	356.29	intensely carbonatized mafic vol, brown, weathered, quartz stringers, 5% local pyrite weathered out	0.086
MAM16-25	5466189.304	440503.840	27-May-16	355.33	sheared carbonatized mafic volcanic, brown, weathered	0.007
MAM16-26	5466179.127	440499.547	27-May-16	355.33	sheared carbonatized mafic volcanic, brown, weathered	0.052
MAM16-27	5466181.050	440513.822	27-May-16	359.90	quartz vein, sub-crop, 2% pyrite, fuchsite, rusty	0.005
MAM16-28	5466279.070	440389.384	27-May-16	354.37	Flint Lake stockpile, strong carbonate alteration	3.065
MAM16-29	5466291.653	440380.674	27-May-16	352.45	Flint Lake stockpile, strong carbonate alteration	0.109
MAM16-30	5466286.520	440369.354	27-May-16	351.49	Flint Lake stockpile, quartz veining, carbonate-chlorite-sericite alteration	211.932
MAM16-31	5466279.930	440378.841	27-May-16	350.04	Flint Lake stockpile, quartz veining, carbonate-chlorite-sericite alteration	1.337
MAM16-32	5466271.591	440373.545	27-May-16	351.00	Flint Lake stockpile, quartz veining with carb	0.096
627273	5465354.278	439625.145	27-May-16	325.53	chloritic pillow, minor carbonate alteration associated with minor quartz	0.361
627274	5465287.309	440414.640	27-May-16	328.17	f-m.grained felsic intrusive dike, pinkish/brown colouration, 20% carbonate, minor sericite, tr pyrite	<0.005
627275	5465287.000	440413.200	27-May-16	328.17	f-m.grained felsic intrusive dike, pinkish/brown colouration, 20% carbonate, minor sericite, thin quartz veinlet, tr pyrite	0.006
627276	5465213.209	440560.024	27-May-16	321.92	contact of felsic dike and volcanics, 50% intrusive 50% dike material	0.006
627277	5465147.835	440610.758	27-May-16	325.29	felsic intrusive (alt'd granodiorite), strong fe-carb associated with late quartz and silicification, trace pyrite	<0.005
627278	5465159.131	440595.210	27-May-16	329.13	moderately silicious felsic dike, green/grey/red colouration, trace to 0.25% pyrite	<0.005

**FLINT LAKE CLAIM GROUP SAMPLES**

**DOGPAW SOILS**

<u>Soil</u>	<u>Northing</u>	<u>Easting</u>	<u>Date</u>	<u>Elevation</u>	<u>Au ppb</u>
DP1	5468211.821	436016.814	25-May-16	342.00	12
DP2	5468229.653	436034.868	25-May-16	342.11	< 5
DP3	5468249.086	436055.467	25-May-16	346.92	12
DP4	5468264.078	436074.870	25-May-16	350.76	9
DP5	5468283.661	436093.011	25-May-16	358.45	6
DP6	5468255.237	436134.575	25-May-16	362.78	< 5
DP7	5468235.426	436115.207	25-May-16	353.65	< 5
DP8	5468216.008	436090.871	25-May-16	350.52	< 5
DP9	5468200.505	436072.899	25-May-16	349.32	< 5
DP10	5468179.688	436059.064	25-May-16	348.12	< 5
DP11	5468172.191	436047.443	25-May-16	335.14	< 5

**FLINT SOILS**

<u>Sample</u>	<u>Northing</u>	<u>Easting</u>	<u>Date</u>	<u>Elevation</u>	<u>Au ppb</u>
FL1	5466560.251	439693.809	24-May-16	342.83	< 5
FL2	5466550.679	439672.693	24-May-16	343.55	5
FL3	5466528.837	439653.864	24-May-16	343.79	5
FL4	5466516.090	439630.819	24-May-16	345.24	15
FL5	5466501.508	439606.025	24-May-16	344.76	< 5
FL6	5466557.076	439589.430	24-May-16	343.79	< 5
FL7	5466561.608	439610.346	24-May-16	344.03	< 5
FL8	5466576.735	439622.884	24-May-16	346.92	21
FL9	5466592.529	439652.666	24-May-16	336.10	< 5
FL10	5466605.363	439672.941	24-May-16	343.31	< 5
FL11	5466685.189	439624.900	24-May-16	339.23	< 5
FL12	5466674.828	439601.833	24-May-16	342.11	< 5
FL13	5466656.873	439578.694	24-May-16	342.11	< 5
FL14	5466653.697	439556.534	24-May-16	341.15	< 5
FL15	5466642.463	439532.477	24-May-16	339.71	10
FL16	5466678.426	439513.019	24-May-16	338.75	< 5
FL17	5466692.450	439530.921	24-May-16	340.19	9
FL18	5466696.188	439556.193	24-May-16	337.79	< 5
FL19	5466712.377	439577.205	24-May-16	338.99	9
FL20	5466726.611	439608.156	24-May-16	337.79	< 5
FL21	5466629.544	440020.664	24-May-16	340.19	6
FL22	5466608.163	440014.087	24-May-16	341.15	< 5
FL23	5466580.625	440011.429	24-May-16	344.03	< 5
FL24	5466554.794	440001.874	24-May-16	345.48	< 5
FL25	5466533.006	439993.300	24-May-16	346.68	< 5



**APPENDIX II**

Personnel Involved with Prospecting Program

**Personnel**

Alexander (Sandy) Stares

Michael Maclsaac

Don Heerema

**APPENDIX III**

Laboratory Certificates of Analysis

## Rock Assay Certificates



Friday, June 3, 2016

### Final Certificate

Metals Creek Resources  
945 Cobalt Cres  
Thunder Bay, ON, CAN  
P7B 5Z4  
Ph#: (807) 345-4990  
Fax#: (807) 345-5382  
Email: mmacisaac@metalscreek.com, astares@metalscreek.com

Date Received: 05/30/2016  
Date Completed: 06/03/2016  
Job #: 201641114  
Reference: MAM16-001  
Sample #: 58

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
120118	MAM16-001	0.161	
120119	MAM16-002	0.698	
120120	MAM16-003	0.039	
120121	MAM16-004	0.065	
120122	MAM16-005	0.048	
120123	MAM16-006	0.054	
120124	MAM16-007	<0.005	
120125	MAM16-008	<0.005	
120126	MAM16-009	0.018	
120127	MAM16-010	<0.005	
120128	MAM16-010 Dup	<0.005	
120129	MAM16-011	<0.005	
120130	MAM16-012	0.319	
120131	MAM16-013	<0.005	
120132	MAM16-014	<0.005	
120133	MAM16-015	0.472	
120134	MAM16-016	0.008	
120135	MAM16-017	3.598	3.232
120136	MAM16-018	8.825	8.252
120137	MAM16-019	0.024	
120138	MAM16-020	5.227	6.196
120139	MAM16-020 Dup	5.105	5.190
120140	MAM16-021	0.026	
120141	MAM16-022	<0.005	
120142	MAM16-023	0.102	

APPLIED SCOPES: ALP1, ALFA1, ALFA7

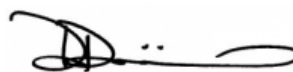
Validated By:

  
Jesse Deschutter  
Assistant Manager - Thunder Bay

Certified By:

  
Andrew Oleski  
Lab Manager - Thunder Bay

Authorized By:

  
Derek Demianiuk, VP Quality

The results included on this report relate only to the items tested.  
The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

Friday, June 3, 2016

## Final Certificate

 Metals Creek Resources  
 945 Cobalt Cres  
 Thunder Bay, ON, CAN  
 P7B 5Z4  
 Ph#: (807) 345-4990  
 Fax#: (807) 345-5382  
 Email: mmacisaac@metalscreek.com, astares@metalscreek.com

 Date Received: 05/30/2016  
 Date Completed: 06/03/2016  
 Job #: 201641114  
 Reference: MAM16-001  
 Sample #: 58

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
120143	MAM16-024	0.086	
120144	MAM16-025	0.007	
120145	MAM16-026	0.052	
120146	MAM16-027	0.005	
120147	MAM16-028	3.065	3.127
120148	MAM16-029	0.109	
120149	MAM16-030	>10.000	211.932
120150	MAM16-030 Dup	>10.000	207.472
120151	MAM16-031	1.337	1.210
120152	MAM16-032	0.096	
120153	DHJ-16-001	0.072	
120154	DHJ-16-002	0.011	
120155	DHJ-16-003	0.006	
120156	DHJ-16-004	0.007	
120157	DHJ-16-005	0.005	
120158	DHJ-16-006	0.928	
120159	DHJ-16-007	1.123	1.160
120160	DHJ-16-008	0.037	
120161	DHJ-16-008 Dup	0.033	
120162	DHJ-16-009	<0.005	
120163	DHJ-16-010	0.041	
120164	DHJ-16-011	1.371	1.191
120165	DHJ-16-012	0.036	
120166	DHJ-16-013	<0.005	
120167	DHJ-16-014	0.006	

APPLIED SCOPES: ALP1, ALFA1, ALFA7

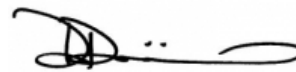
Validated By:


 Jesse Deschutter  
 Assistant Manager - Thunder Bay

Certified By:


 Andrew Oleski  
 Lab Manager - Thunder Bay

Authorized By:


 Derek Demianiuk, VP Quality

The results included on this report relate only to the items tested.

The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

Friday, June 3, 2016

## Final Certificate

 Metals Creek Resources  
 945 Cobalt Cres  
 Thunder Bay, ON, CAN  
 P7B 5Z4  
 Ph#: (807) 345-4990  
 Fax#: (807) 345-5382  
 Email: mmacisaac@metalscreek.com, astares@metalscreek.com

 Date Received: 05/30/2016  
 Date Completed: 06/03/2016  
 Job #: 201641114  
 Reference: MAM16-001  
 Sample #: 58

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
120168	DHJ-16-015	<0.005	
120169	DHJ-16-016	<0.005	
120170	627269	0.006	
120171	627270	<0.005	
120172	627270 Dup	<0.005	
120173	627271	<0.005	
120174	627272	<0.005	
120175	627273	0.361	
120176	627274	<0.005	
120177	627275	0.006	
120178	627276	0.006	
120179	627277	<0.005	
120180	627278	<0.005	

APPLIED SCOPES: ALP1, ALFA1, ALFA7

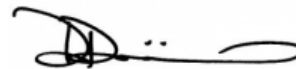
Validated By:


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Date Received: 05/30/2016

Date Completed: 06/03/2016

Job #: 201641114

Reference: MAM16-001

Sample #: 58

### Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
GS42	Au	0.623	0.650	0.040
GS42	Au	0.703	0.650	0.040
GS42	Au	0.679	0.650	0.040
GS37	AuG	3.964	3.220	0.210
GS37	AuG	3.506	3.220	0.210
AWGF	AuG	<0.005	<0.005	<0.005

APPLIED SCOPES: ALP1, ALFA1, ALFA7

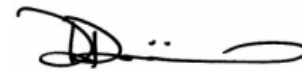
Validated By:

  
 Jesse Deschutter  
 Assistant Manager - Thunder Bay

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 Lab Manager - Thunder Bay

Authorized By:

  
 Derek Demianiuk, VP Quality

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## Soil Assay Certificates



**Date Submitted:** 27-May-16  
**Invoice No.:** A16-04773  
**Invoice Date:** 02-Jun-16  
**Your Reference:**

**Metals Creek Resources**  
**1100 Memorial Ave.**  
**Suite 329**  
**Thunder Bay Ontario P7B 4A3**  
**Canada**

**ATTN: Mike Maclsaac**

## CERTIFICATE OF ANALYSIS

36 Soil samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT      **A16-04773**

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

Notes:

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

CERTIFIED BY:

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the end.

---

Emmanuel Esemé , 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
FL01	< 5
FL02	5
FL03	5
FL04	15
FL05	< 5
FL06	< 5
FL07	< 5
FL08	21
FL09	< 5
FL10	< 5
FL11	< 5
FL12	< 5
FL13	< 5
FL14	< 5
FL15	10
FL16	< 5
FL17	9
FL18	< 5
FL19	9
FL20	< 5
FL21	6
FL22	< 5
FL23	< 5
FL24	< 5
FL25	< 5
DP1	12
DP2	< 5
DP3	12
DP4	9
DP5	6
DP6	< 5
DP7	< 5
DP8	< 5
DP9	< 5
DP10	< 5
DP11	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
SF85 Meas	845
SF85 Cert	848
OxD128 Meas	420
OxD128 Cert	424.000
FL10 Orig	< 5
FL10 Dup	< 5
FL20 Orig	< 5
FL20 Dup	< 5
Method Blank	< 5
Method Blank	< 5

**APPENDIX IV**

Expenditures

**Expenditures submitted for assessment credit**

**Labour**

Prospecting/Geology 12 man days @ \$450/day \$ 5,400.00

**Report Writing/Compilation**

Geologist 3 days @ \$450/day (Report) \$ 1,350.00

Geologist 3 days @ \$450/day (Drafting/Digitizing) \$ 1,350.00

**Transportation**

Mob/demob \$ 1,436.00

Ground Transportation (including fuel) \$ 1,273.00

**Accomodations/Meals**

Motels/Lodging \$ 678.00

Food and Meals \$ 825.00

**Supplies**

\$ 324.00

**Assays**

(Au) 58 rock samples @ \$19.38/sample \$ 1,124.00

(Au) 36 soil samples @ \$23.17/sample \$ 834.00

**Total**

**\$ 14,594.00**

**Claim Group Breakdown**

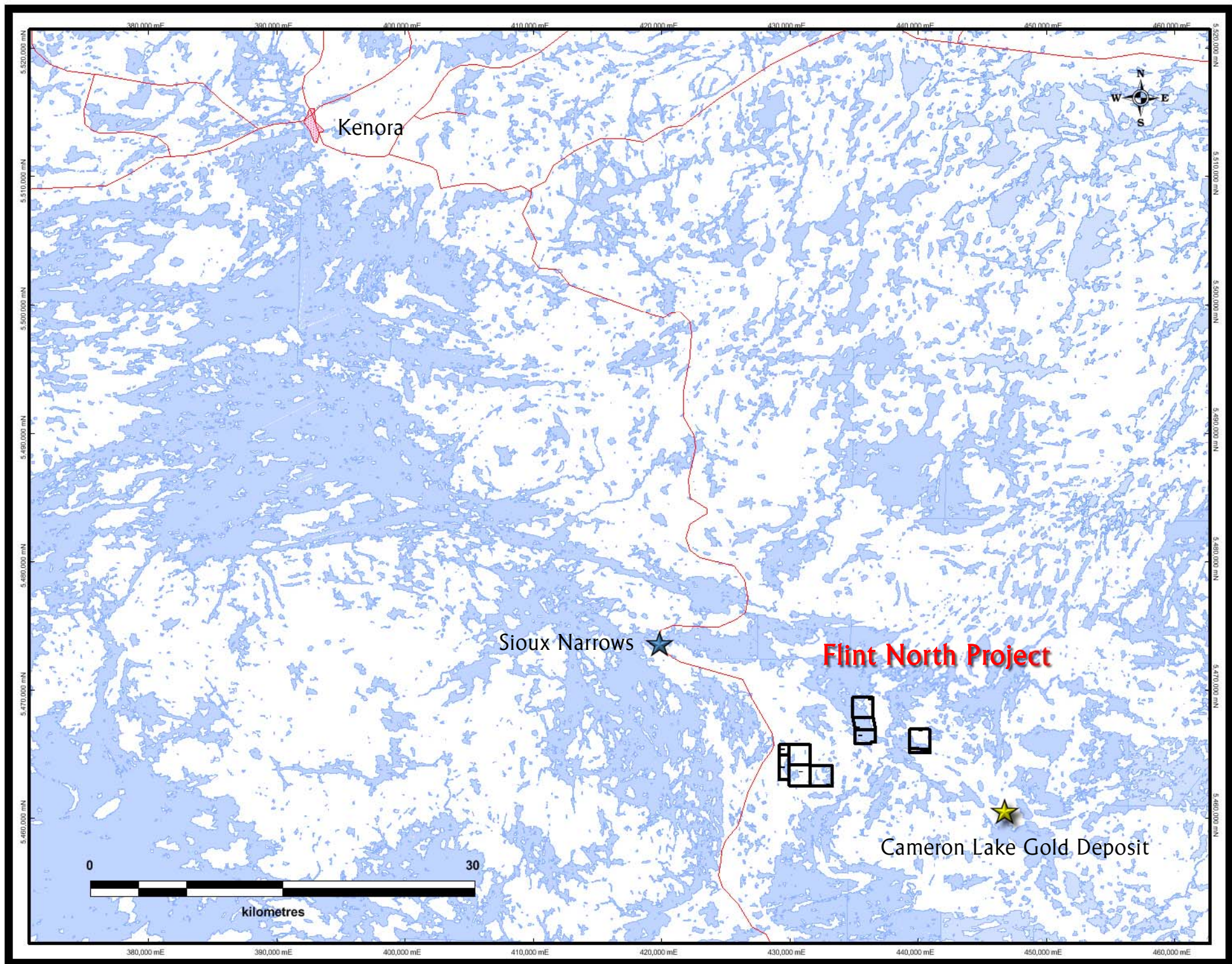
Dogpaw group (approx 50% expenditures minus Flint soil assays) \$ 7,048.00

Flint group ( approx 50% expenditures minus Dogpaw soil assays) \$ 7,546.00

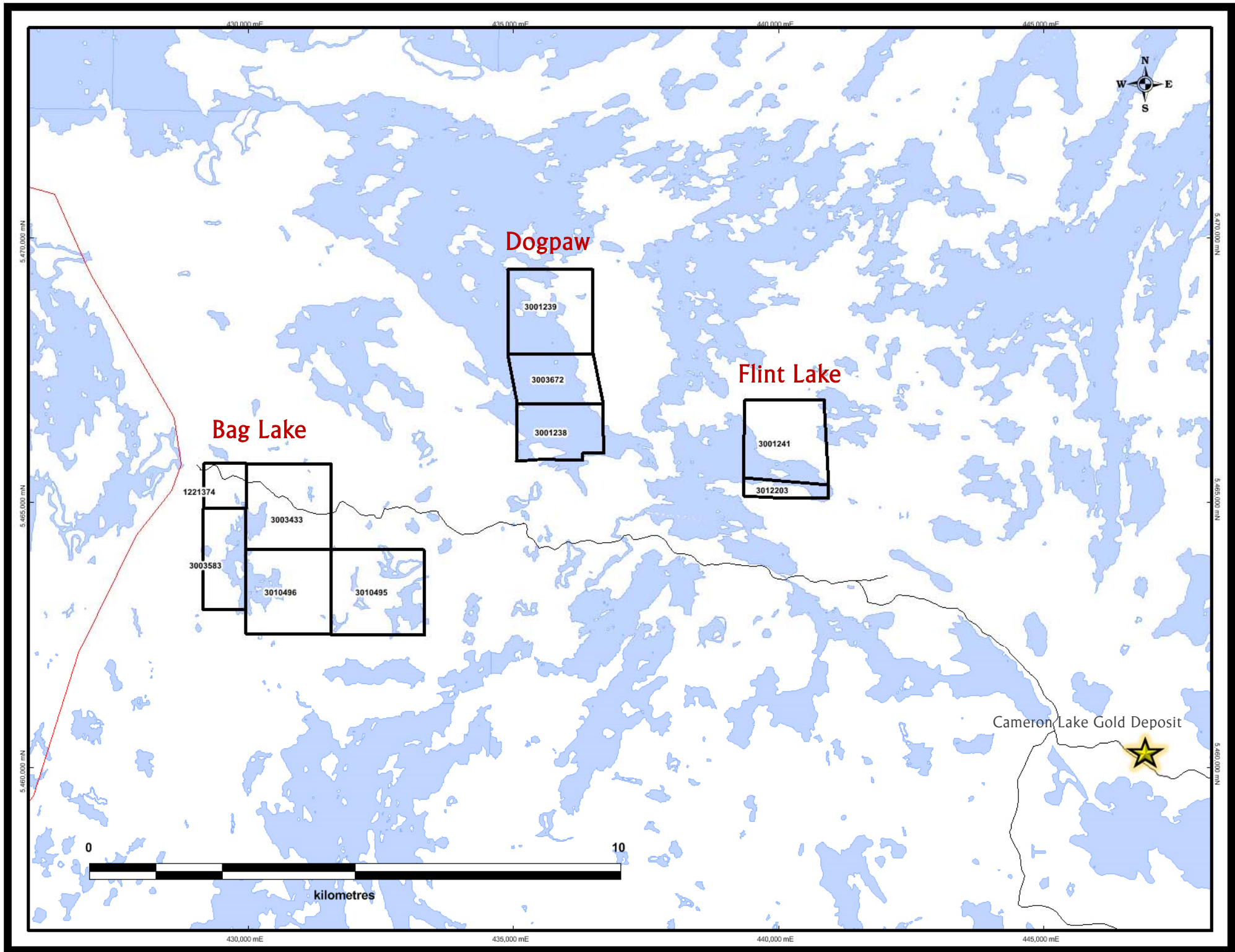
**\$ 14,594.00**

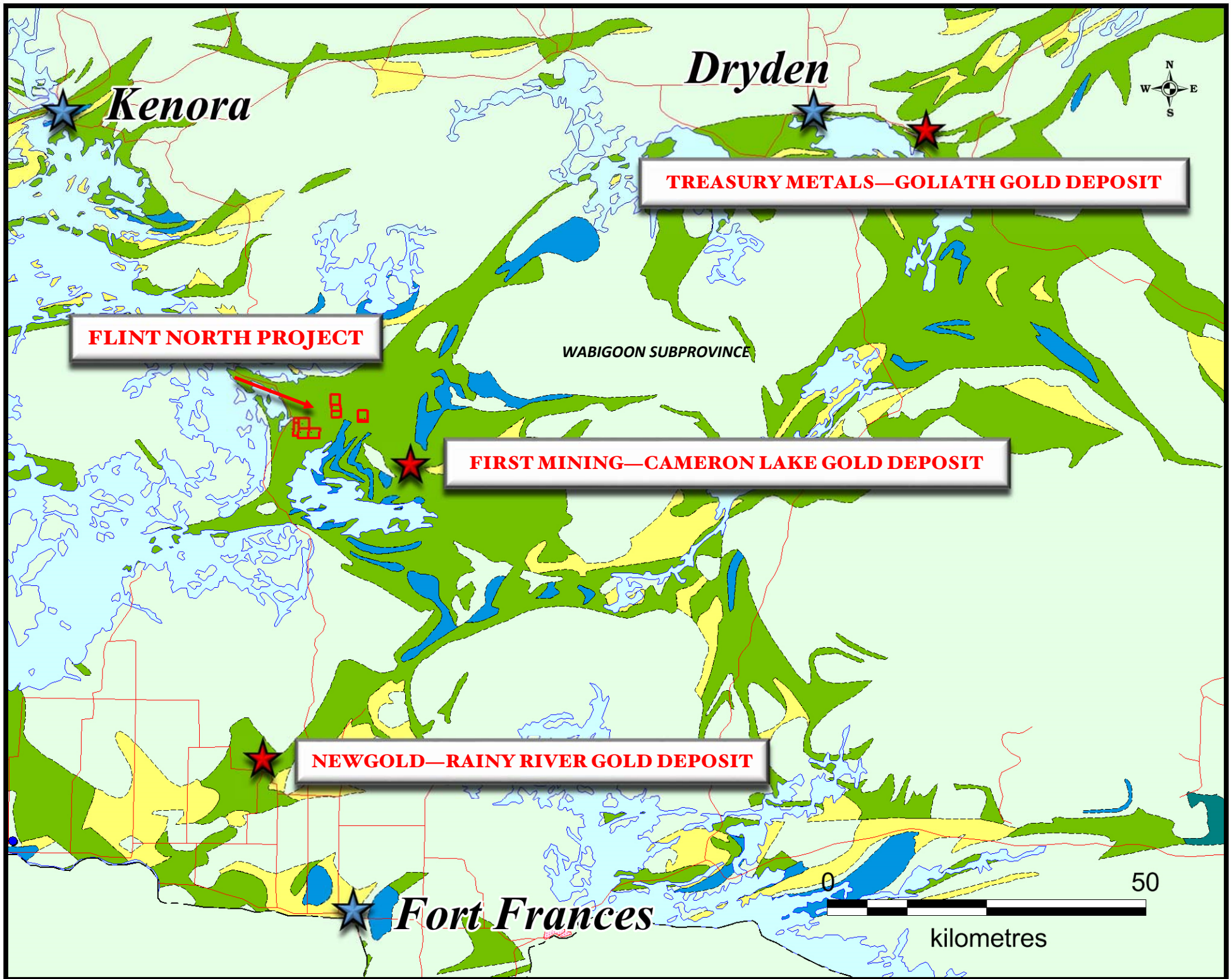
**APPENDIX V**

Attached Maps and Figures









*Kenora*

*Dryden*



**TREASURY METALS—GOLIATH GOLD DEPOSIT**

**FLINT NORTH PROJECT**

WABIGOON SUBPROVINCE

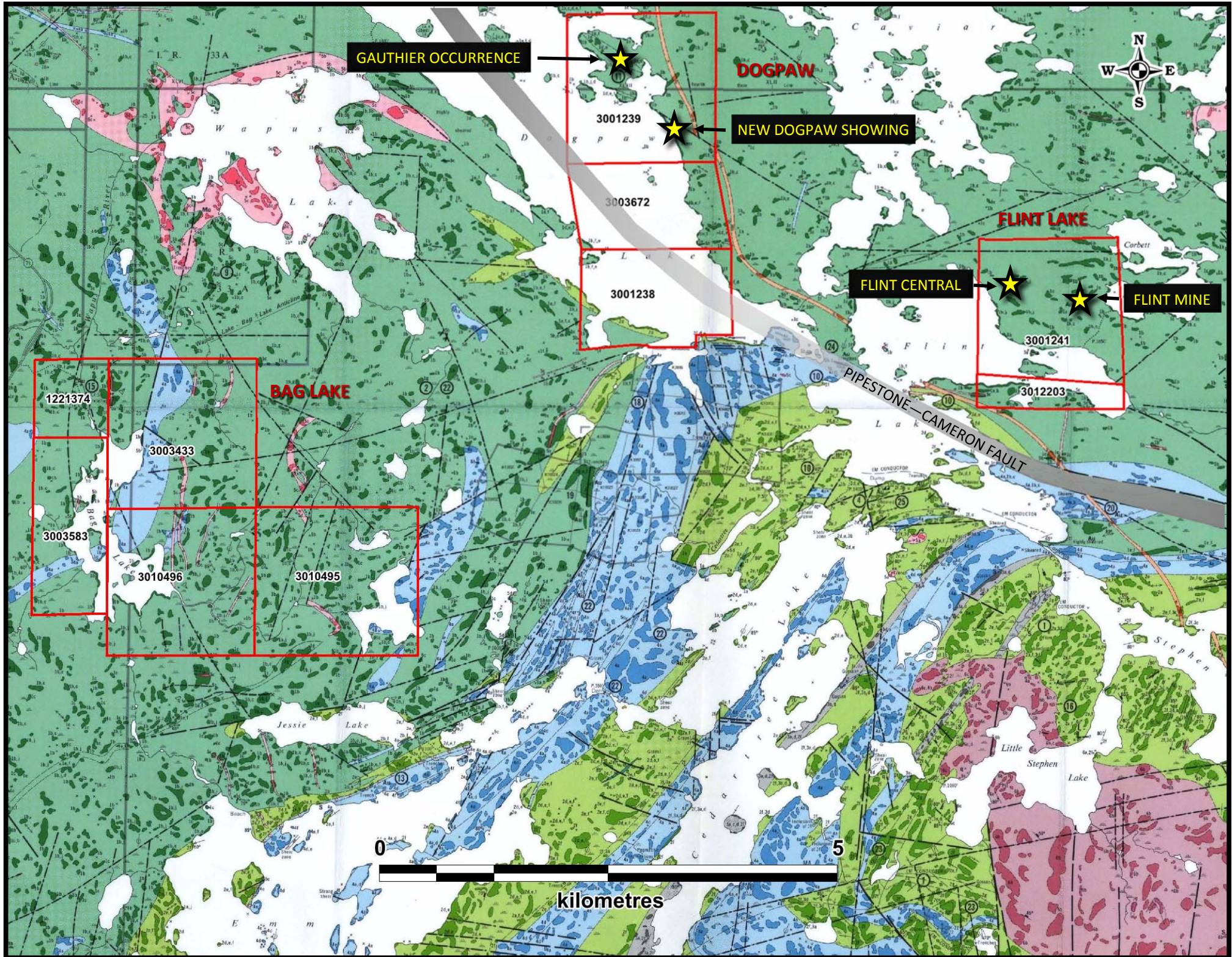
**FIRST MINING—CAMERON LAKE GOLD DEPOSIT**

**NEWGOLD—RAINY RIVER GOLD DEPOSIT**

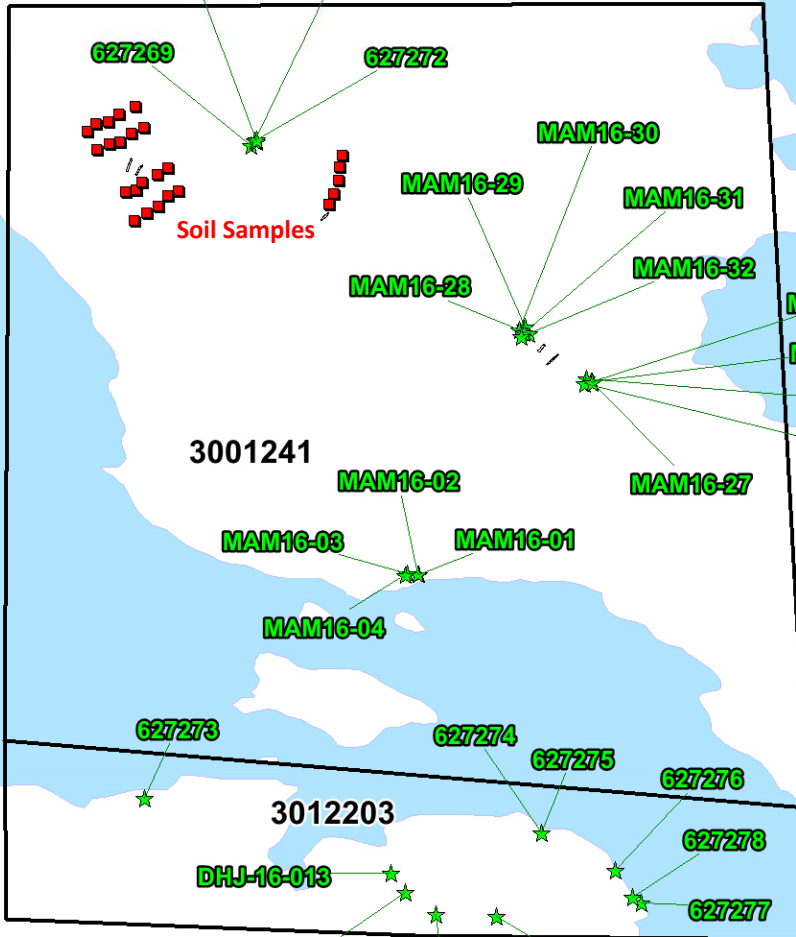
*Fort Frances*



kilometres



# FLINT CLAIM GROUP - 2016 PROSPECTING

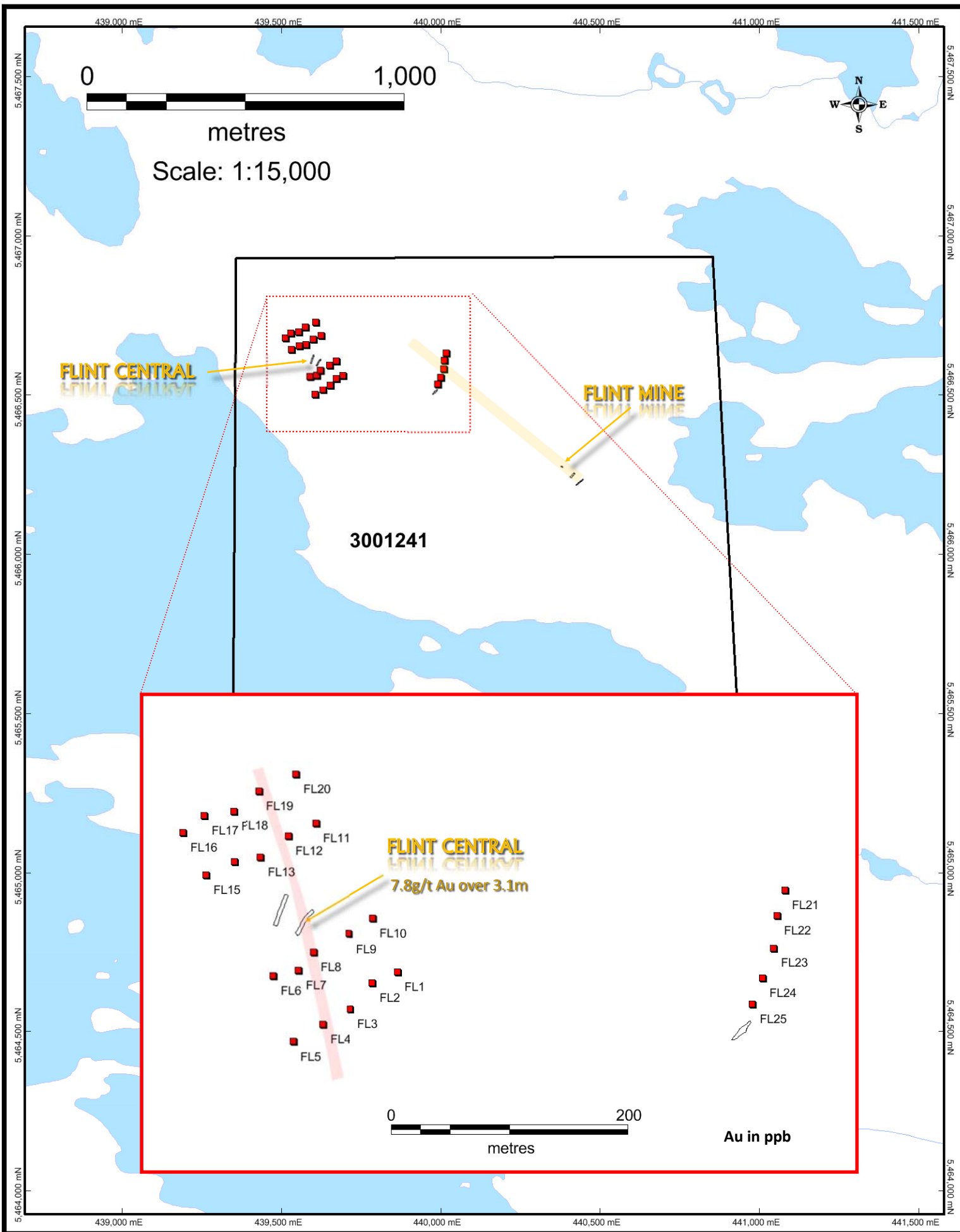


Flint Lake

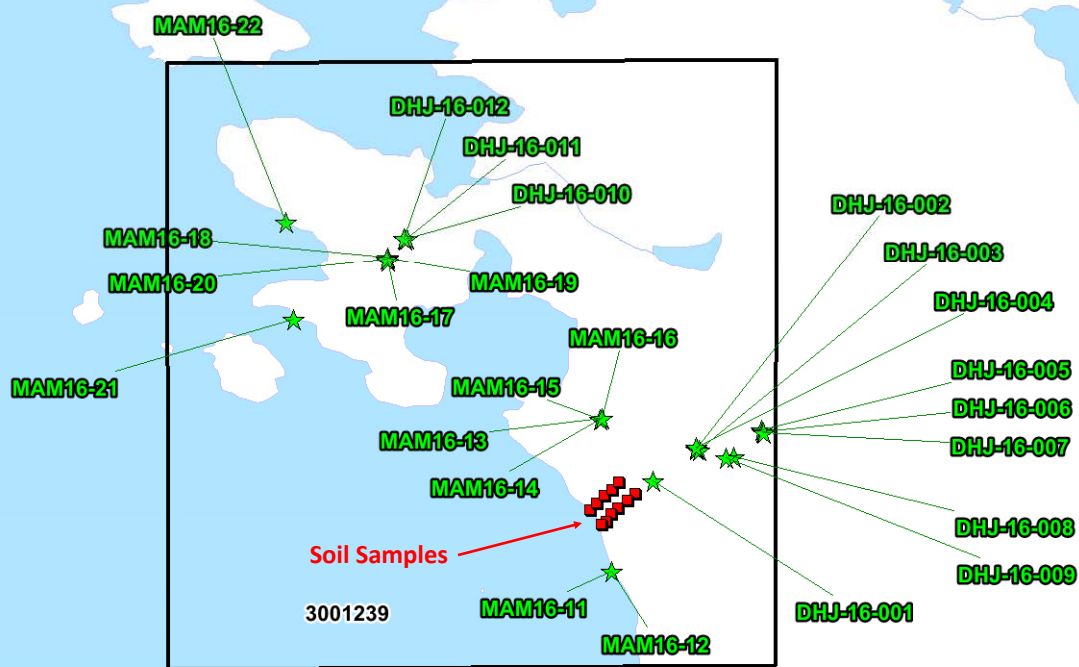


Scale: 1:15,000





# DOGPAW CLAIM GROUP—2016 PROSPECTING



Dogpaw Lake

3001239

3003672

3001238



metres

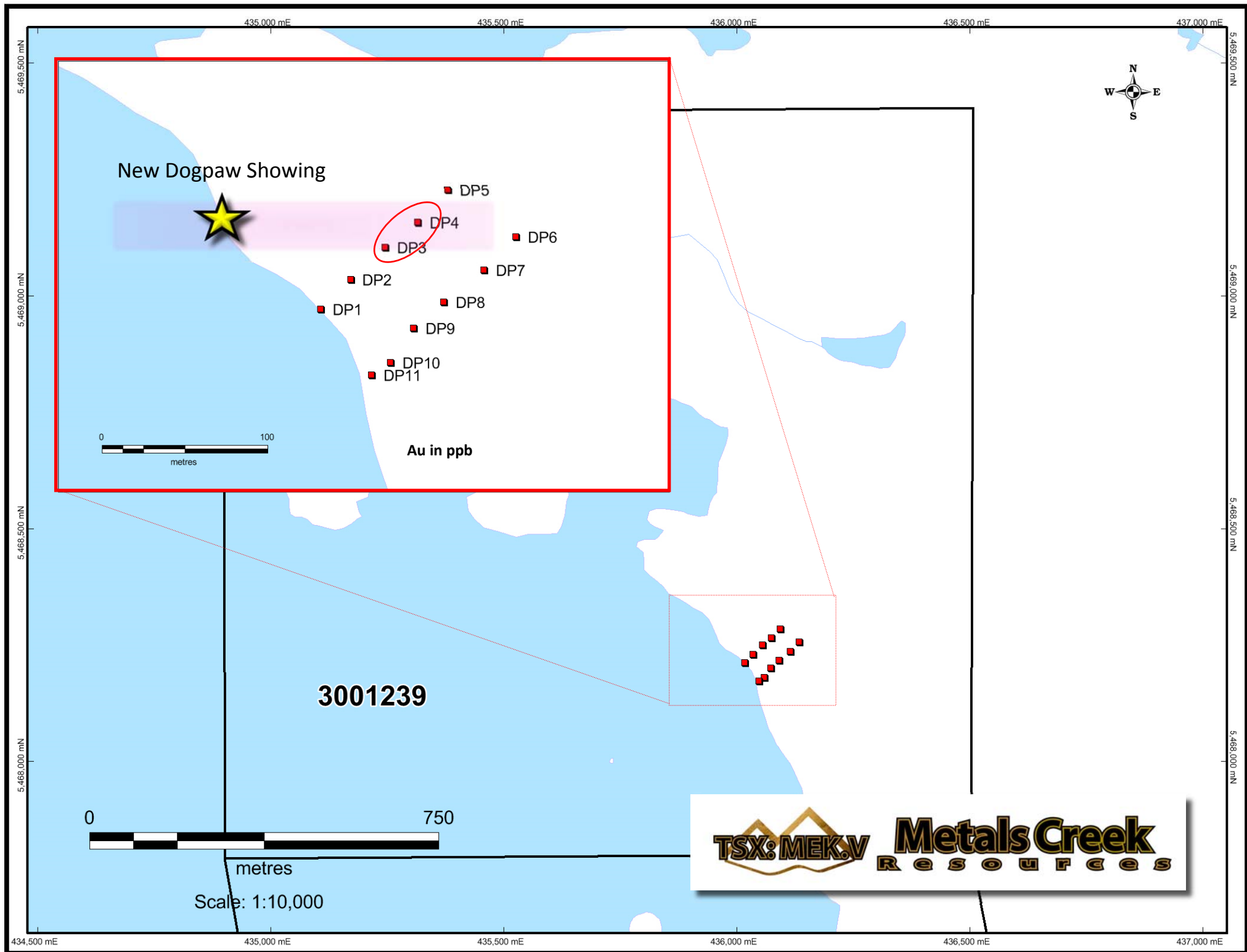
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434,500 mE 435,000 mE 435,500 mE 436,000 mE 436,500 mE 437,000 mE 437,500 mE

5,465,500 mN 5,466,000 mN 5,466,500 mN 5,467,000 mN 5,467,500 mN 5,468,000 mN 5,468,500 mN 5,469,000 mN 5,469,500 mN

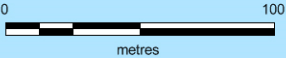
5,465,500 mN 5,466,000 mN 5,466,500 mN 5,467,000 mN 5,467,500 mN 5,468,000 mN 5,468,500 mN 5,469,000 mN 5,469,500 mN



New Dogpaw Showing

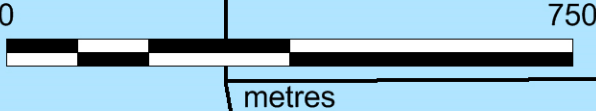


- DP5
- DP4
- DP6
- DP3
- DP7
- DP2
- DP8
- DP1
- DP9
- DP10
- DP11



Au in ppb

3001239



Scale: 1:10,000





*Gauthier Area* Recommended for further work

*Gauthier Occurrence*

Dogpaw Lake

3001239

Target #3

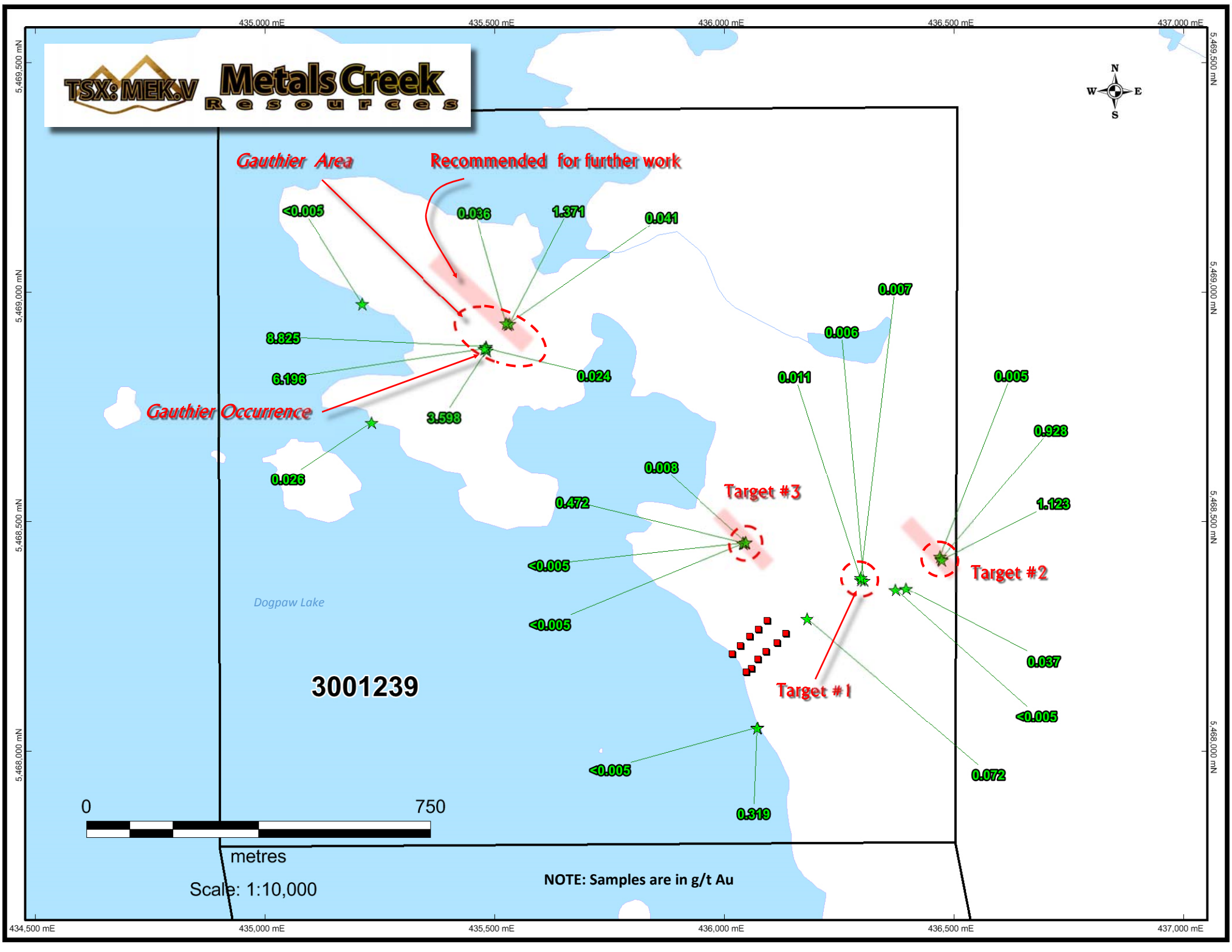
Target #2

Target #1

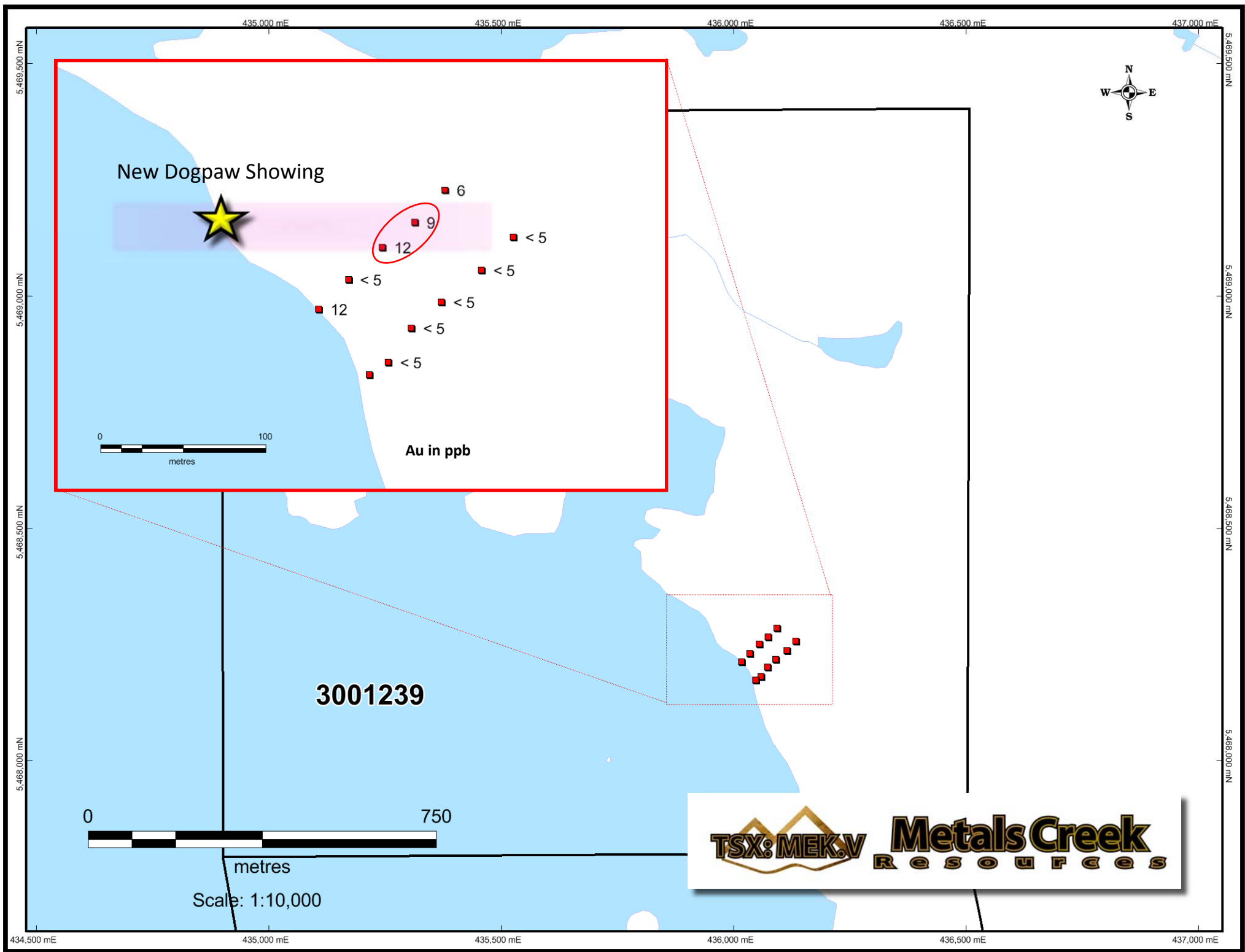


metres  
Scale: 1:10,000

NOTE: Samples are in g/t Au







New Dogpaw Showing



Au in ppb

3001239



Scale: 1:10,000

