# SUMMARY REPORT

# 2010 JULY PROSPECTING AND MAPPING PROGRAM ON THE DOGPAW LAKE PROPERTY, KENORA MINING DIVISION, NORTHWESTERN ONTARIO

## NTS MAP SHEET 52F/05SW

**METALS CREEK RESOURCES**

January, 2012

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## 1.0 INTRODUCTION

During the period of July 20th to July 28th, 2010, Metals Creek Resources (MEK) personnel conducted a prospecting/sampling and mapping program on the Dogpaw Property comprising 22 unpatented staked claims located within the Kenora Mining District, currently under the name of North American Uranium Corp. (NAUC), or optioned to NAUC by Endurance Gold Corporation. North American Uranium Corp. is a wholly owned subsidiary of Metals Creek Resources. The purpose of the prospecting program was to systematically cover different areas on the property by using the grid lines as well as mapping lithology and alteration over the grids.

## 2.0 TERMS OF REFERENCE

The historical portion of this report is an extract of a report titled "A Report to Evaluate and Recommend an Exploration Program on the Dogpaw Lake Property of Endurance Gold Corp." dated October, 2004, for Endurance Gold Corp. by Charles Blackburn ("Blackburn") and J. Garry Clark ("Clark").

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

## 3.0 LOCATION AND ACCESS

The Dogpaw Lake property is located within the Kenora Mining District in Northwestern Ontario, within both Tweedsmuir Township and Dogpaw Lake Area. The Dogpaw Lake Property is located within the NTS Map Sheet 52F/05SW as well as small portions of 52F/05SE and 52F/04NW. The Dogpaw property is located approximately 55 km southeast of the town of Kenora. (Figures 1 & 2).

The various claim blocks of the Dogpaw 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 Dogpaw Lake Property. This road continues on to the Cameron Lake Gold Project currently being evaluated by Coventry Resources.

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 Dogpaw Lake property comprises 22 unpatented staked claims, with two different claim blocks, totaling 265 units and 4163 hectares (Table 1, and Figure 2). These claims are either licensed to North American Uranium Corp., or under an option agreement with Endurance Gold Corporation. The July 2010 field program focused on both the northern and southern claim blocks. A summary of the claim holdings from this report is provided below (Table 1).

**Table 1: Dogpaw Lake Land Tenure Data**

| Claim # | Units | Recorded Owner | Recorded | Expiry |
|---|---|---|---|---|
| 1221374 | 4 | Endurance Gold Corporation | 2001-Sep-26 | 2012-Sep-26 |
| 3001238 | 9 | Endurance Gold Corporation | 2002-Jul-02 | 2013-Jul-02 |
| 3001239 | 16 | Endurance Gold Corporation | 2002-Jul-02 | 2013-Jul-02 |
| 3001241 | 16 | Endurance Gold Corporation | 2002-Jul-02 | 2013-Jul-02 |
| 3003433 | 16 | Endurance Gold Corporation | 2002-Sep-03 | 2012-Sep-03 |
| 3003583 | 10 | Endurance Gold Corporation | 2003-Apr-22 | 2013-Apr-22 |
| 3003672 | 8 | Endurance Gold Corporation | 2002-Oct-15 | 2012-Oct-15 |
| 3010495 | 16 | Endurance Gold Corporation | 2002-Oct-15 | 2012-Oct-15 |
| 3010496 | 16 | Endurance Gold Corporation | 2002-Oct-15 | 2012-Oct-15 |
| 3011344 | 12 | Endurance Gold Corporation | 2002-Dec-19 | 2013-Dec-19 |
| 3011345 | 3 | Endurance Gold Corporation | 2002-Dec-19 | 2013-Dec-19 |
| 3011346 | 15 | Endurance Gold Corporation | 2002-Dec-19 | 2012-Dec-19 |
| 3011347 | 15 | Endurance Gold Corporation | 2002-Dec-19 | 2013-Dec-19 |
| 3012203 | 4 | Endurance Gold Corporation | 2003-Apr-22 | 2013-Apr-22 |
| 4213374 | 3 | North American Uranium Corp. | 2007-Mar-12 | 2012-Mar-12 |
| 4213375 | 16 | North American Uranium Corp. | 2007-Mar-12 | 2013-Mar-12 |
| 4213376 | 16 | North American Uranium Corp. | 2007-Mar-12 | 2013-Mar-12 |
| 4213377 | 16 | North American Uranium Corp. | 2007-Mar-12 | 2013-Mar-12 |
| 4213378 | 10 | North American Uranium Corp. | 2007-Mar-12 | 2013-Mar-12 |
| 4213379 | 16 | North American Uranium Corp. | 2007-Mar-12 | 2013-Mar-12 |
| 4213380 | 16 | North American Uranium Corp. | 2007-Mar-12 | 2013-Mar-12 |
| 4213381 | 12 | North American Uranium Corp. | 2007-Mar-12 | 2013-Mar-12 |

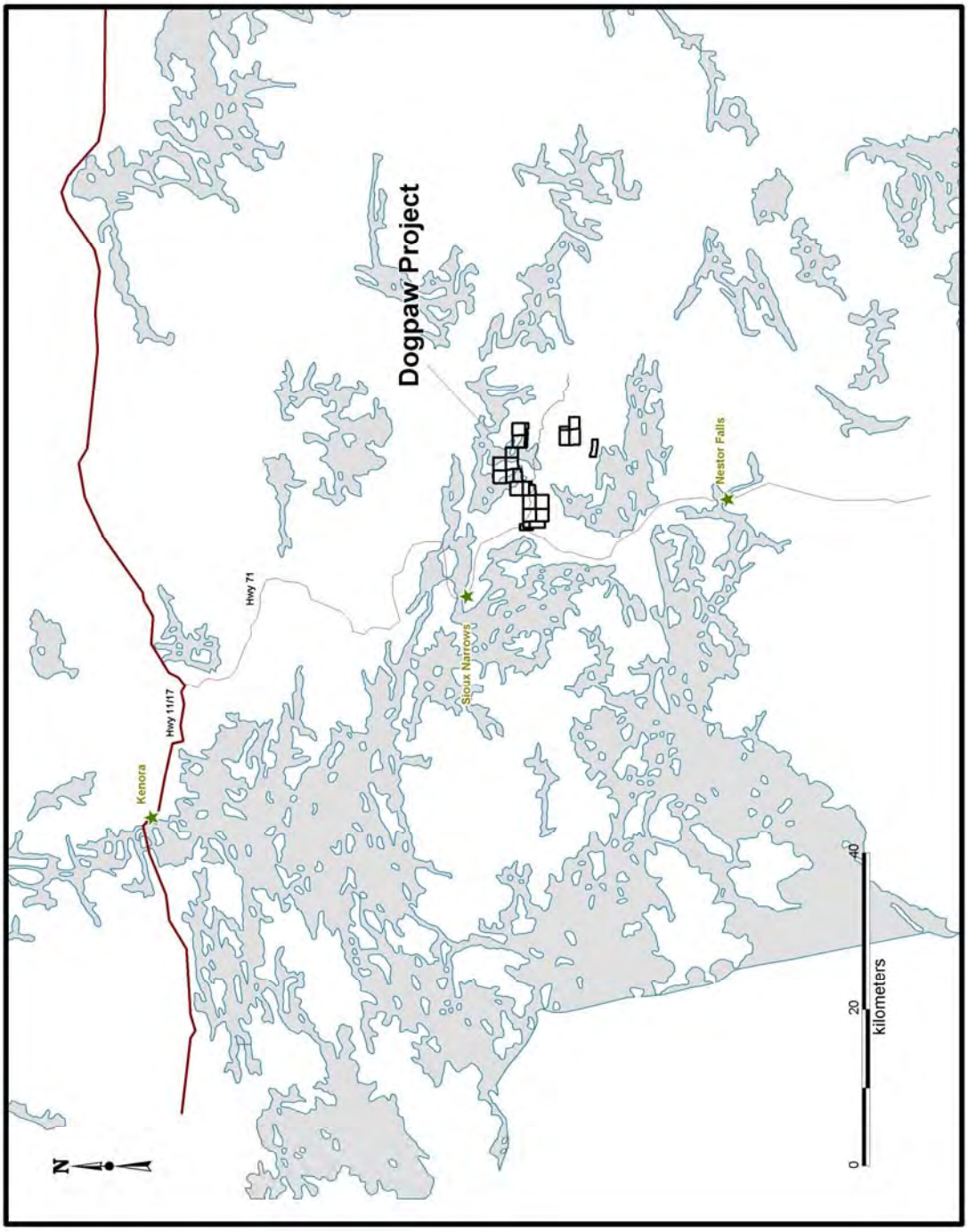


Figure 1 - Regional Location Map

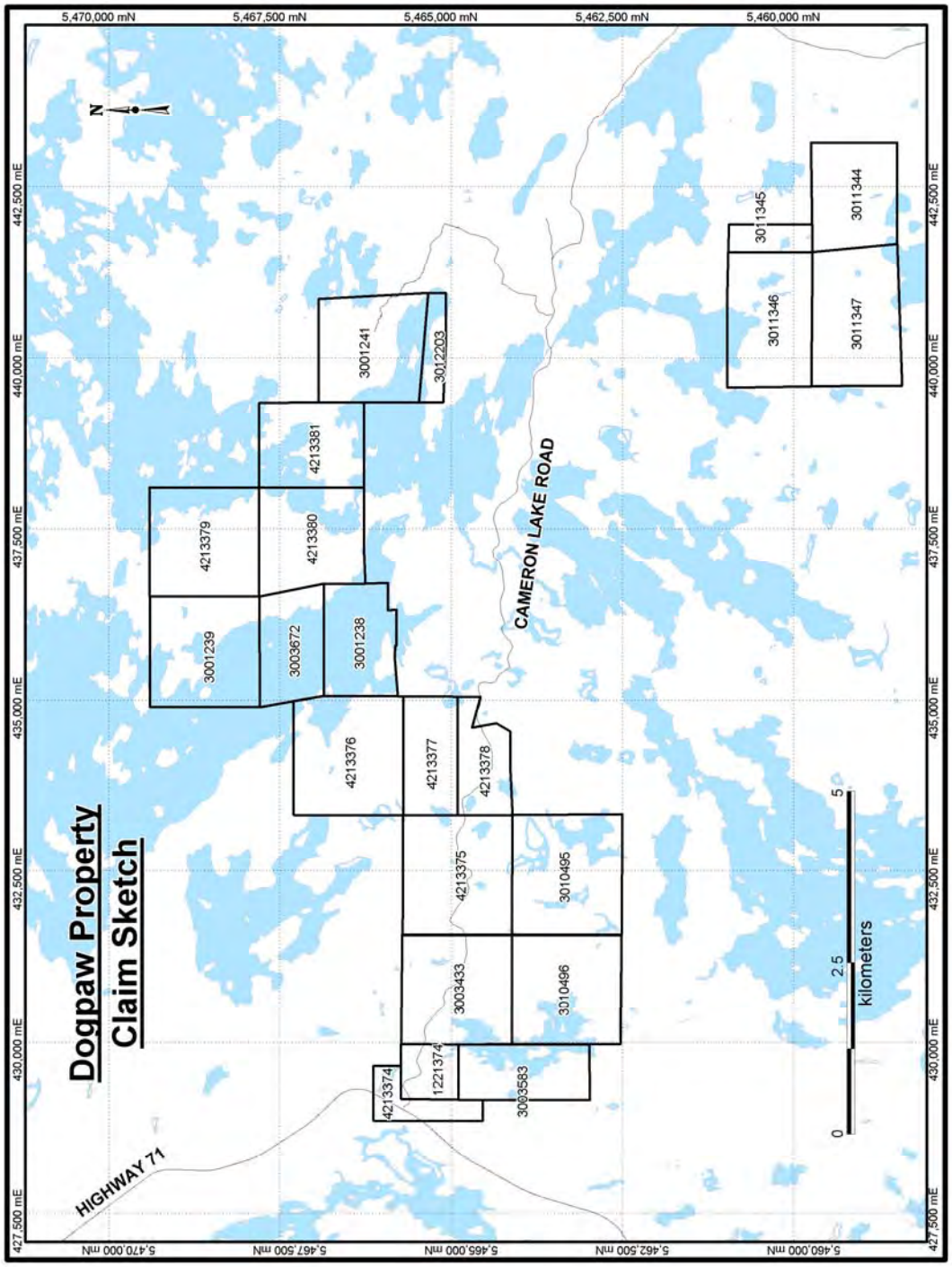


Figure 2 – Claim Location Map

## 5.0 REGIONAL GEOLOGY

The Dogpaw 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 Dogpaw 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 Dogpaw 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 Dogpaw 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 Dogpaw 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 has 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-Present: Metals Creek Resources** has completed a range of geological and geophysical surveys over the entire claim holdings in the area.

## 8.0 CURRENT PROGRAM

From July 20$^{th}$ to July 28$^{th}$, Metals Creek Resources personnel conducted a prospecting/sampling and mapping program on 2 separate claim blocks over 3 cut, geophysical grids near Bag Lake, Stephen's Lake and Flint Lake. A total of 160 grab samples were collected on the entire property, as well as 10 channel samples from the Bag Lake Area, with detailed mapping taking place on the Stephen's and Flint Lake grids. A location map of all samples taken is attached at the back of this report in Appendix VI.

**Stephen Lake Stock**

Detailed mapping of the previously established geophysical grid over the western side of the Stephen's Lake claim block was performed with outcrops, vegetation and sample locations sited. Mapping was performed at a 1:2000 scale and the map for the area is located in Appendix VI at the back this report. The mapping was successful in identifying alteration features and weak lithological changes in the mostly massive felsic intrusive, Stephen Lake Stock. The mapping highlighted the northwest corner of the claim block as hosting granodiorite changing to more massive granite to the south and southeast. This granodiorite has seemed to be the location of elevated gold values discovered from previous prospecting and shows possible expansion of zones such as D-Zone and areas to the northwest (see Metals Creek's 2008-2010 prospecting/sampling

reports). The 2010 prospecting on the Stephen's Lake claims was very successful in expanding known gold zones as well as uncovering new anomalous to highly anomalous zones within the Stephen's Lake Stock. A key area of interest which sampling expanded was Metals Creek's D-Zone uncovered from 2008 prospecting. 2008 prospecting uncovered a 10x10m area where five grab samples were taken. These dispersed samples assayed 4.697, 5.357, 2.096, 6.664, and 18.56 g/t Au. The altered and mineralized, gold bearing zone was highly encouraging and was hand stripped as much as possible. 2010 prospecting in proximity to D-zone, expanding the 10x10m zone to an interpreted 50x80m zone with 11 more grab samples taken. Assays for these 11 samples returned gold values of 2.05, 2.472, 2.984, 3.506, 8.257, 6.541, 9.082, 0.522, 0.306, 29.471 and 0.164 g/t. D-zone (UTM: 440039E 5460447N) is a variably altered and mineralized granodiorite exhibiting strong silicification and carbonatization with a sulphide content from trace to 7% locally. The majority of the 2010 sampling was taken approximately 40-45m east of the initial D-Zone sampling from 2008, with minor sampling extending mineralization to the north. Approximately 230m NW of D-Zone, a newly uncovered area of interest and elevated gold values was located ("Busch Zone"). This area is positioned on the edge of a downward slope, grading into a low lying (and dry), alder and grass covered strip of land. The Busch Zone (UTM: 439828E 5460545N) is an altered and carbonatized granodiorite displaying quartz veining and minor stockworking with pyrite content up to 5% and trace amounts of molybdenite. Assay values for this 25x15m area were 0.425, 2.625, 3.234, 3.306, 3.424, 3.872, 5.740, 8.313, and 11.038 g/t Au. These were preliminary samples during a first pass of the area and further follow-up is definitely required. Another area displaying elevated gold values discovered during the 2010 prospecting is the "Blue Zone" (UTM: 439787E 5460465N). This area is a 20x10m zone of sampling positioned 70-80m SW of the Busch Zone, with assays reporting 0.759, 1.742, 4.457, 4.991 and 10.681 g/t Au. This area shows limited sampling of a quartz-rich, altered and carbonatized granodiorite with up to 5% disseminated pyrite and trace and local hematite. Lithology is similar to the Busch Zone and due to the close proximity, could be a continuation of the auriferous zone. Additional follow-up of this area, as well as the area between the Busch and Blue Zones, is definitely warranted. The final main area of interest located during the 2010 prospecting was the "Bud Zone" and was due to 9 grab samples taken 1.5km SSE of D-Zone. Out of the 9 samples, 8 returned anomalous gold values above 150ppb. Assays on the Bud Zone (UTM: ranged from 35 ppb up to 3.124 g/t Au with 3 out of the 9 samples over 1.0 g/t Au. This area is south of the mapping performed on the geophysical grid and more south than the furthest extent of the Induced Polarization performed in 2010 for Metals Creek. A total of 86 grab samples were taken on the Stephens Lake claim block in 2010. MEK personnel have never prospected this far south on the claim block and further investigation is definitely recommended as well as areas in close proximity to D-zone.

A map of sample locations is present at the back of this report contained within Appendix VI, as well as a table of sample coordinates, descriptions, and assay values within Appendix I.

**Flint Lake Area**

Detailed mapping of the previously established geophysical grid on the north shore of Flint Lake was performed, with outcrops, vegetation and sample locations sited.

Mapping was performed at a 1:5000 scale and the map for the area is located in Appendix VI at the back this report. The mapping was successful in identifying alteration features that were mostly related to structure, as well as local lithological changes throughout the mostly massive and homogeneous mafic volcanics. The mapping highlighted shear zones running east-west to NW-SE throughout the property. On surface, most of these shear zones appear discontinuous with local shears displaying kilometer-scale strike length. These are visible on the accompanying map of the Flint Lake Area. The 2010 prospecting in the Flint Lake Area was very successful as 28 grab samples were taken and a high grade trench was located which had been previously uncovered by very historical work. This area is of key interest as 2010 prospecting uncovered a 15 x 4m trench consisting of quartz veining and stockworking with significant sericite and chlorite alteration contained within a brittle shear zone. Most of Metals Creek's 2010 sampling was taken from historic rubble blasted or chipped out and piled on the edges of the trench. This is due in part because of the bedrock material is mostly covered and inaccessible due to overburden slumping and water filling the trench. Quartz-rich material along the edges of the trench was sampled and returned the highest gold values with 7 samples of quartz dominant material assaying 10.663g/t, 18.233g/t, 32.505g/t, 59.350g/t, 60.639g/t, 68.865g/t and 112.467g/t Au. These samples contained >60% quartz with the majority hosted flakes of visible gold. More quartz-poor samples returned values slightly lower than the quartz-rich material with three grab samples assaying 77ppb, 222ppb and 29.683g/t Au from the exposed chlorite-carbonate schist containing 10-40% quartz content. This historic area of interest is significant due to the fact that there is underexplored portions of the claim block between the main Flint Showing, this freshly uncovered, Flint Central and the Flint North trenches sampled in 2009 (Myllyaho, 2009). Further work is highly recommended for this area of Metals Creek's claim block.

**Bag Lake Area**

Prospecting was performed on the Bag Lake Area with 40 grab samples taken near the east and north shores of Bag Lake, 10 channel samples taken on the Road Zone from sheared volcanics and 5 samples taken in the central portion of the Northern Claim block nearing the property border. The majority of the 40 grab samples were taken near the northwest edge of Bag Lake (see attached Sample Location Map at the back of this report), where a weakly mineralized quartz-feldspar porphyry unit outcrops at surface. This unit is described as an altered quartz-feldspar porphyry unit with approximately 10% mm-sized quartz eyes and having pervasive potassium feldspar content. Local and patchy carbonate alteration is also visible and is usually associated with up to 5% fine-grained pyrite. Gold values ranged from nil to anomalous with assays from <5ppb up to 4672ppb from the 32 samples taken from this area. Values were consistently less than 656ppb with only four grab samples returning Au assays over 1.0g/t. The four slightly higher grade samples assayed 1.044g/t, 1.334g/t, 1.677g/t and 4.672g/t Au. This area was sampled along strike for ~200m and, where visible, was up to 25m in width. Although a portion of the sampling returned low gold values, the 2010 prospecting was the first time anything of significance was found around this area as no known historical showings are present. Due to this being an initial discovery, follow-up work is definitely recommended on and around this area. Another area of moderate interest is an outcrop

toward the southeast tip of Bag Lake. This area showed geologically interesting lithologies and sulphide content and is labeled 'Road Zone'. 10 channel samples were taken with limited results in relation to gold values. Assays were low with values from <5ppb from the barren mafic volcanics, up to 564ppb from the chlorite/sericite schist hosting the visible sulphide. This shear zone displays local quartz stringers and a strong Fe-carbonate content throughout. Due to the limited extent of the outcrop, as well as the low gold values, no further work is recommended on this specific portion of the claim block. The outcrop was mapped at a 1:150 scale with the attached map contained within appendix VI at the back of this report.

## 9.0 CONCLUSION AND RECOMMENDATIONS

The mapping and prospecting program in the summer of 2010 was successful in identifying similar lithologies to known showings as well as uncovering new, and previously unsampled, zones. On the Stephens Lake claim block, expansion of the D-zone was a significant highlight as well as the discovery of several new, grassroots showings on the entire Stephens Lake Stock area. Recommendations for D-zone include a mechanical trenching and stripping program aimed at confirming strike and dip orientations, as well as uncovering bedrock between the original D-zone surface showing and the newly discovered area 40-50m east. This trenching should be followed by a short, initial drill program to greater understand orientation, strike length and grade of the surface expression. All other new discoveries on D-zone should have follow-up prospecting done on them with possible trenching to follow.

The Flint Lake mapping and prospecting uncovered quartz and carbonate-rich shear zones that are interpreted as continuous over one kilometer in length. Known surface showings with visible gold are contained within these shears which make these prime targets for additional mineralized areas. Trenching the area along strike from Flint Central towards the Flint North is highly recommended with a drill program dependant on results. This area is a significant target for auriferous quartz veining similar to that found at Flint Central as well as the main Flint Showing.

Due to the nature of the anomalous and moderately mineralized quartz-feldspar porphyry encountered during the Bag Lake prospecting, additional sampling is highly recommended towards the northeast shore of Bag Lake. This area has seen little to no known and documented exploration in the past and could provide a near-surface, bulk tonnage deposit. This area should be evaluated after results are back from additional sampling. Due to the sporadic nature of assays returned on the rest of the Bag Lake Area, no further work is recommended at this time.

**Approximate Recommended Expenditures:**

| | | |
|---|---|---|
| Additional 20 days of prospecting | : | **$40,000** |
| Trenching: | | |
| 800m @ 100m/12hr day @ $120/hr | | $11,520 |
| Mobilization: | | $9,000 |

| | |
|---|---|
| Total Trenching Cost: | **$20,520** |
| Drilling: | |
| 1500m @ $150/m (all in cost of drilling, accommodations, assays, etc): | $225,000 |
| **TOTAL** | **$285,520** |

## 10.0 REFERENCES


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

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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 Numbers/Descriptions, UTM Coordinates and Assay Values

| Waypoint | Date | Zone | Easting | Northing | Elevation | Au (ppb) | Description |
|---|---|---|---|---|---|---|---|
| DHJ-10-005 | 20-Jul-10 | 15 | 440159 | 5465954 | 352 | 46 | mv; sheared and chloritic; qtz carb porphyroblasts forming discontinuous stringers; trace py+/-po |
| DHJ-10-006 | 21-Jul-10 | 15 | 439843 | 5466653 | 348 | 695 | carb/chl schist; rusty coloured; thin qtz stringers 1-2mm; friable |
| DHJ-10-007 | 21-Jul-10 | 15 | 439613 | 5466610 | 348 | 17 | carb/chl schist w qtz; 30% qtz; 55% carb; 15% chl; trace pyr; old trench @ L12E 0+50N |
| DHJ-10-008 | 21-Jul-10 | 15 | 439613 | 5466610 | 348 | 10663 | thin 3cm qtz vein in carb/chl schist; 60% qtz; 35% carb; 5% chl; tr pyr in qtz; old trench @ L12E 0+50N |
| DHJ-10-009 | 21-Jul-10 | 15 | 439613 | 5466610 | 348 | 222 | carb/chl schist; rusty coloured w minor sericite; very friable |
| DHJ-10-010 | 21-Jul-10 | 15 | 439613 | 5466610 | 348 | 29683 | qtz vein in chl/sericite schist; 40% qtz (white) ; 55% chl (black); 5% ser; minor - 0.5% pyr; trace cpy |
| DHJ-10-011 | 22-Jul-10 | 15 | 438538 | 5466694 | 347 | 5 | chl/ser schist; sheared @ 242-79; minor silicification; trace carbonate |
| DHJ-10-012 | 22-Jul-10 | 15 | 438532 | 5466685 | 350 | 18 | chl/ser schist; sheared @ 242-79; minor silicification; trace carbonate |
| DHJ-10-013 | 23-Jul-10 | 15 | 440564 | 5459278 | 384 | 6 | qtz vein; 8cm wide in massive granite; semi-transparent qtz; oriented 342°-86° |
| DHJ-10-014 | 23-Jul-10 | 15 | 440610 | 5459299 | 382 | 51 | qtz vein; semi-transparent qtz with granite clasts; 10cm wide in a zone of numerous qtz veins; red hematite staining; vugs w pyr |
| DHJ-10-015 | 23-Jul-10 | 15 | 440610 | 5459299 | 382 | 89 | qtz vein; vein oriented 340°/90°; up to 30cm wide; semi-transparent qtz |
| DHJ-10-016 | 23-Jul-10 | 15 | 440587 | 5459293 | 386 | <5 | qtz stockwork; qtz stockwork within granite approx 0.6m wide; trace hbl/galena/sphalerite? |
| DHJ-10-017 | 24-Jul-10 | 15 | 440169 | 5460282 | 359 | 465 | altered granodiorite bld; strong k-spar alt; minor carb; thin qtz stringers; 2% pyr (diss cubes); in creek |
| DHJ-10-018 | 24-Jul-10 | 15 | 440528 | 5460271 | 356 | 11 | carb altered granodiorite; 20% carb; trace pyr |
| DHJ-10-019 | 24-Jul-10 | 15 | 440439 | 5460534 | 344 | 149 | weakly altered granodiorite; massive; grey with chlorite and minor rust on fractures |
| DHJ-10-020 | 24-Jul-10 | 15 | 439641 | 5460969 | 369 | 26 | granodiorite; rusty and moderately bleached; green/grey colouration; trace pyr |
| DHJ-10-021 | 24-Jul-10 | 15 | 439713 | 5460972 | 364 | 11 | granodiorite; rusty and moderately bleached; green/grey smokey appearance; minor carb as thin stringers; 0.5% diss cubic pyr |
| DHJ-10-022 | 25-Jul-10 | 15 | 440043 | 5460447 | 370 | 29471 | D-Zone; granodiorite; f-med gr; bleached with minor carb alteration; 1.5-2.0% pyr forming loose stringers |
| DHJ-10-023 | 25-Jul-10 | 15 | 439924 | 5460415 | 392 | 1189 | qv; qtz/carb (10% carb); trace to 0.25% pyrite; oriented 074° |
| DHJ-10-024 | 25-Jul-10 | 15 | 439928 | 5460421 | 393 | 1691 | silicified granodiorite; hard and very siliceous; tremendous carb alteration (40%); diss cubic pyrite @ 2% |
| DHJ-10-025 | 25-Jul-10 | 15 | 440041 | 5460436 | 376 | 164 | granodiorite; weakly silicified; moderately carb alteration; trace pyr |
| DHJ-10-026 | 26-Jul-10 | 15 | 430567 | 5464399 | 365 | 18 | altered porphyry (qfp?) minor qtz eyes (~6%); f.gr pink alkali feldspar; minor carbonate alteration; trace pyr |
| DHJ-10-027 | 26-Jul-10 | 15 | 430568 | 5464408 | 360 | <5 | qtz/carb vein; from a porphyry unit approx. 25m true width; 80% qtz; 15% carb; 5% porphyry; trace pyr |
| MAM-10-026 | 22-Jul-10 | 15 | 439256 | 5467008 | 351 | <5 | L7E/ 255N; strong foliated mafic vol; strong carb alt; weak ser; tr diss py; 111-69N; near old DDH; 215°/-45° on AQ sized casing |
| MAM-10-027 | 22-Jul-10 | 15 | 439258 | 5467043 | 351 | 14 | L7E/ 2+65N; strong alt (carbonate) mv; rusty brown; str fol; tr pyr; local silicification; magnetic; dips north at 74°; 140° azi |
| MAM-10-028 | 22-Jul-10 | 15 | 439192 | 5467133 | 349 | <5 | sheared mv; str carb-sericite; tr py; str foliated |
| MAM-10-029 | 23-Jul-10 | 15 | 439697 | 5459770 | 371 | 25 | qtz vein; rusty; trace pyr/Mo |
| MAM-10-030 | 23-Jul-10 | 15 | 439716 | 5459764 | 375 | <5 | mineralized granodiorite; 1% pyrite; rusty; qtz veinlets |
| MAM-10-031 | 24-Jul-10 | 15 | 439663 | 5460170 | 379 | <5 | 40cm wide rusty qtz vein; within unaltered granite |
| MAM-10-032 | 26-Jul-10 | 15 | 430511 | 5464469 | 368 | 33 | altered qfp; carbonated; trace pyr; 1-5cm qtz veins; rusty; dipping 80° |
| MAM-10-033 | 27-Jul-10 | 15 | 430904 | 5464116 | 369 | 214 | carbonatized shear zone within pillowed mafic volcanics; 5-10% qtz veins; trace diss pyr; intense carbonate |
| MAM-10-034 | 28-Jul-10 | 15 | 439612 | 5466605 | 352 | 342 | trench; flint central; sheared mafic volcanic; mod ser; strong carb alteration; 15% qtz; rusty; trace diss pyr; 1m from main qtz vein |
| MAM-10-035 | 28-Jul-10 | 15 | 439612 | 5466607 | 350 | 25 | sheared mafic vol; strong carb; no mineralization; no qtz; N side of qtz veins |
| JMM-10-048 | 23-Jul-10 | 15 | 439768 | 5459594 | 397 | <5 | fairly massive granite/granodiorite; trace to 0.25% f.gr pyr; |
| JMM-10-049 | 23-Jul-10 | 15 | 439771 | 5459578 | 397 | <5 | qtz-rich granite; semi-transparent qtz; pink k-spar throughout; trace pyr |
| JMM-10-050 | 23-Jul-10 | 15 | 439680 | 5459490 | 373 | <5 | siliceous pods within f.gr granodiorite; trace to 1% sulphide (pyr) strongly carbonatized |
| JMM-10-051 | 23-Jul-10 | 15 | 439798 | 5459489 | 395 | 8 | gossanous zone of intensly altered and carbonatized granodiorite; edge of 1.5m high ridge face; within massive granodiorite |
| JMM-10-052 | 24-Jul-10 | 15 | 439798 | 5459489 | 395 | 5 | gossanous zone of intensly altered and carbonatized granodiorite; edge of 1.5m high ridge face; within massive granodiorite |
| JMM-10-053 | 24-Jul-10 | 15 | 439798 | 5459489 | 395 | 7 | gossanous zone of intensly altered and carbonatized granodiorite; edge of 1.5m high ridge face; within massive granodiorite |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| JMM-10-054 | 24-Jul-10 | 15 | 439695 | 5460324 | 392 | <5 | qtz blowout just south of Moly Showing; trace to 1% local molybdenum; trace pyrite and sericite |
| JMM-10-055 | 24-Jul-10 | 15 | 439687 | 5460366 | 381 | 11 | ~3m wide qtz vein; oriented 60°; dipping ~64° N; massive Mo along local fracture planes; 0.5% pyr; Historic Molybdenum Showing |
| JMM-10-056 | 24-Jul-10 | 15 | 439687 | 5460366 | 381 | 17 | ~3m wide qtz vein; oriented 60°; dipping ~64° N; massive Mo along local fracture planes; 0.5% pyr; Historic Molybdenum Showing |
| JMM-10-057 | 24-Jul-10 | 15 | 439687 | 5460366 | 381 | 16 | ~3m wide qtz vein; oriented 60°; dipping ~64° N; massive Mo along local fracture planes; 0.5% pyr; Historic Molybdenum Showing |
| JMM-10-058 | 24-Jul-10 | 15 | 439861 | 5460473 | 375 | 1381 | granodiorite; 1% pyr (f.gr); intense carb alteration |
| JMM-10-059 | 26-Jul-10 | 15 | 430563 | 5463910 | 345 | <5 | sheared and carbonatized qfp; minor pyr; sericite-rich; 0.5m wide within qfp |
| JMM-10-060 | 26-Jul-10 | 15 | 430728 | 5463806 | 356 | 153 | similar to Bag South sampling; contact w volcanics; barren |
| JMM-10-061 | 26-Jul-10 | 15 | 430563 | 5463910 | 345 | <5 | massive; moderately altered qfp; slightly N of Bag South |
| JMM-10-062 | 26-Jul-10 | 15 | 430598 | 5464824 | 340 | 2508 | just west of main Bag Lake Showing; v.f.gr massive basalt (possibly mafic dyke); up to 10% pyr |
| JMM-10-063 | 26-Jul-10 | 15 | 430598 | 5464824 | 340 | 1016 | just west of main Bag Lake Showing; v.f.gr massive basalt (possibly mafic dyke); up to 10% pyr |
| JRC-10-053 | 20-Jul-10 | 15 | 440278 | 5465999 | 367 | 33 | qtz through mafic; trace pyr; carb alt; subcrop |
| JRC-10-054 | 20-Jul-10 | 15 | 440275 | 5466009 | 340 | 144 | qtz through mafic; trace pyr; carb alt; subcrop |
| JRC-10-055 | 20-Jul-10 | 15 | 440272 | 5465995 | 360 | 11 | qtz through mafic; trace pyr; carb alt; subcrop |
| JRC-10-056 | 20-Jul-10 | 15 | 440469 | 5466043 | 347 | <5 | qtz vein through mafics; trace cpy; o/c; old trench |
| JRC-10-057 | 21-Jul-10 | 15 | 440907 | 5465761 | 342 | 130 | qtz through alt mafic; carb; trace pyr; sericite; o/c |
| JRC-10-058 | 21-Jul-10 | 15 | 440898 | 5465778 | 353 | 7 | qtz through alt mafic; carb; trace pyr; sericite; o/c |
| JRC-10-059 | 21-Jul-10 | 15 | 440905 | 5465774 | 367 | 69 | qtz through alt mafic; carb; trace pyr; sericite; o/c |
| JRC-10-060 | 22-Jul-10 | 15 | 439603 | 5466599 | 378 | 68865 | qtz vein through alt mafic; sericite; trace py/cpy; old trench |
| JRC-10-061 | 22-Jul-10 | 15 | 439606 | 5466602 | 357 | 60639 | qtz vein through alt mafic; sericite; trace py/cpy; old trench |
| JRC-10-062 | 22-Jul-10 | 15 | 439610 | 5466600 | 362 | 112467 | qtz vein through alt mafic; sericite; trace py/cpy; old trench |
| JRC-10-063 | 23-Jul-10 | 15 | 440067 | 5460461 | 367 | 306 | alt granite; 5% pyr; carb and qtz rich; o/c |
| JRC-10-064 | 23-Jul-10 | 15 | 440071 | 5460455 | 364 | 2472 | alt granite; 5% pyr; carb and qtz rich; o/c |
| JRC-10-065 | 23-Jul-10 | 15 | 440488 | 5459014 | 346 | 2640 | altered granite; carb altered; 2-5% pyr; o/c |
| JRC-10-066 | 23-Jul-10 | 15 | 440499 | 5459006 | 385 | 2275 | altered granite; carb altered; 2-5% pyr; o/c |
| JRC-10-067 | 23-Jul-10 | 15 | 440495 | 5459012 | 357 | 551 | altered granite; carb altered; 2-5% pyr; o/c |
| JRC-10-068 | 23-Jul-10 | 15 | 440498 | 5459010 | 387 | 411 | altered granite; carb altered; 2-5% pyr; o/c |
| JRC-10-069 | 23-Jul-10 | 15 | 440499 | 5459012 | 394 | 508 | altered granite; carb altered; 2-5% pyr; o/c |
| JRC-10-070 | 24-Jul-10 | 15 | 440069 | 5460444 | 331 | 6541 | altered granite; carb rich; 5% pyr; o/c |
| JRC-10-071 | 24-Jul-10 | 15 | 440066 | 5460435 | 321 | 9082 | altered granite; carb rich; 5% pyr; o/c |
| JRC-10-072 | 24-Jul-10 | 15 | 439897 | 5460479 | 387 | 1201 | altered carbonatized granite; tr pyr; o/c |
| JRC-10-073 | 24-Jul-10 | 15 | 439877 | 5460510 | 363 | 82 | altered carbonatized granite; tr-2% pyr; o/c |
| JRC-10-074 | 24-Jul-10 | 15 | 439876 | 5460511 | 359 | 48 | altered carbonatized granite; tr-2% pyr; o/c |
| JRC-10-075 | 24-Jul-10 | 15 | 439875 | 5460513 | 357 | 27 | altered carbonatized granite; tr-2% pyr; o/c |
| JRC-10-076 | 24-Jul-10 | 15 | 439872 | 5460525 | 357 | 12 | qtz-rich altered granite; trace-2% pyr; o/c |
| JRC-10-077 | 24-Jul-10 | 15 | 439869 | 5460520 | 359 | 50 | qtz-rich altered granite; trace-2% pyr; o/c |
| JRC-10-078 | 24-Jul-10 | 15 | 439870 | 5460520 | 359 | 63 | qtz-rich altered granite; trace-2% pyr; o/c |
| JRC-10-079 | 24-Jul-10 | 15 | 439853 | 5460519 | 377 | 121 | altered carbonatized granite; trace pyr; o/c |
| JRC-10-080 | 24-Jul-10 | 15 | 439839 | 5460532 | 368 | 3872 | qtz-rich carbonatized granite; trace pyr, moly, cpy |
| JRC-10-081 | 24-Jul-10 | 15 | 439837 | 5460535 | 380 | 425 | qtz-rich carbonatized granite; 5% pyr; o/c |
| JRC-10-082 | 24-Jul-10 | 15 | 439836 | 5460532 | 354 | 3424 | qtz-rich carbonatized granite; 5% pyr; o/c |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| JRC-10-083 | 24-Jul-10 | 15 | 439782 | 5460463 | 373 | 436 | altered qtz-rich granite; 5% pyr; o/c |
| JRC-10-084 | 24-Jul-10 | 15 | 439783 | 5460464 | 365 | 4991 | altered qtz-rich granite; 5% pyr; o/c |
| JRC-10-085 | 24-Jul-10 | 15 | 439789 | 5460466 | 364 | 4457 | altered qtz-rich granite; 5% pyr; o/c |
| JRC-10-086 | 24-Jul-10 | 15 | 439787 | 5460465 | 360 | 10681 | altered qtz-rich granite; 5% pyr; o/c |
| JRC-10-087 | 24-Jul-10 | 15 | 439885 | 5460478 | 386 | 45 | qtz through altered granite; trace pyr; float |
| JRC-10-088 | 25-Jul-10 | 15 | 439854 | 5460478 | 388 | 46 | altered granite; qtz-rich; trace pyr; o/c |
| JRC-10-089 | 25-Jul-10 | 15 | 439827 | 5460551 | 364 | 5740 | altered granite; 5-10% pyr; o/c; carb altered |
| JRC-10-090 | 25-Jul-10 | 15 | 439828 | 5460545 | 362 | 3221 | qtz-rich; carb altered granite; 5% pyr; o/c |
| JRC-10-091 | 25-Jul-10 | 15 | 439829 | 5460551 | 376 | 11038 | qtz-rich; carb altered granite; 5% pyr; o/c |
| JRC-10-092 | 25-Jul-10 | 15 | 439830 | 5460550 | 369 | 1679 | qtz-rich; carb altered granite; 5% pyr; o/c |
| JRC-10-093 | 25-Jul-10 | 15 | 439829 | 5460545 | 360 | 8313 | qtz-rich; carb altered granite; 5% pyr; o/c |
| JRC-10-094 | 25-Jul-10 | 15 | 439901 | 5460571 | 358 | 364 | alt carb granite; qtz-rich; trace-2% pyr; o/c |
| JRC-10-095 | 25-Jul-10 | 15 | 439908 | 5460558 | 375 | 4778 | alt carb granite; qtz-rich; trace-2% pyr; o/c |
| JRC-10-096 | 25-Jul-10 | 15 | 439894 | 5460554 | 376 | 572 | alt carb granite; qtz-rich; trace-2% pyr; o/c |
| JRC-10-097 | 25-Jul-10 | 15 | 439935 | 5460565 | 354 | 14937 | altered granite; carb; tr pyr; float |
| JRC-10-098 | 25-Jul-10 | 15 | 439930 | 5460570 | 359 | 5254 | altered granite; carb; tr pyr; float |
| JRC-10-099 | 25-Jul-10 | 15 | 439960 | 5460631 | 330 | 265 | qtz vein through altered granite; 5% pyr; large float; historic sample 902039 |
| JRC-10-100 | 25-Jul-10 | 15 | 439960 | 5460631 | 330 | 280 | qtz vein through altered granite; 5% pyr; large float; historic sample 902040 |
| JRC-10-101 | 25-Jul-10 | 15 | 439961 | 5460622 | 326 | 93 | huge qtz float; 5% moly/cpy/pyr |
| JRC-10-102 | 26-Jul-10 | 15 | 429763 | 5465369 | 321 | 10 | qtz stringers through carbed mafic; trace pyrite; o/c |
| JRC-10-103 | 26-Jul-10 | 15 | 429903 | 5465355 | 362 | 53 | altered carb altered granite; trace pyr/moly; qtz-rich; float |
| JRC-10-104 | 27-Jul-10 | 15 | 430543 | 5464427 | 367 | 121 | altered qfp; qtz rich; 5% pyr; o/c |
| JRC-10-105 | 27-Jul-10 | 15 | 430542 | 5464423 | 365 | 23 | altered qfp; qtz rich; 5% pyr; o/c |
| JRC-10-106 | 27-Jul-10 | 15 | 430542 | 5464424 | 366 | 71 | altered qfp; qtz rich; 5% pyr; o/c |
| JRC-10-107 | 27-Jul-10 | 15 | 430543 | 5464423 | 365 | 164 | altered qfp; qtz rich; 5% pyr; o/c |
| JRC-10-108 | 27-Jul-10 | 15 | 430543 | 5464424 | 366 | 27 | altered qfp; qtz rich; 5% pyr; o/c |
| JRC-10-109 | 27-Jul-10 | 15 | 430544 | 5464424 | 366 | 18 | altered qfp; qtz rich; 5% pyr; o/c |
| JRC-10-110 | 27-Jul-10 | 15 | 430542 | 5464426 | 360 | 36 | huge altered qfp float; qtz rich; 5% pyr |
| JRC-10-111 | 27-Jul-10 | 15 | 430511 | 5464484 | 358 | 66 | altered qfp; trace pyr; o/c |
| JRC-10-112 | 27-Jul-10 | 15 | 430506 | 5464500 | 364 | 425 | qtz rich altered qfp; trace-2% pyr; o/c |
| JRC-10-113 | 27-Jul-10 | 15 | 430503 | 5464498 | 369 | 156 | qtz rich altered qfp; trace-2% pyr; o/c |
| JRC-10-114 | 27-Jul-10 | 15 | 430505 | 5464496 | 356 | 119 | qtz rich altered qfp; trace-2% pyr; o/c |
| JRC-10-115 | 27-Jul-10 | 15 | 430505 | 5464496 | 361 | 372 | qtz rich altered qfp; trace-2% pyr; o/c |
| JRC-10-116 | 27-Jul-10 | 15 | 430506 | 5464496 | 362 | 43 | qtz rich altered qfp; trace-2% pyr; o/c |
| JRC-10-117 | 27-Jul-10 | 15 | 430505 | 5464497 | 364 | 540 | qtz rich altered qfp; trace-2% pyr; o/c |
| JRC-10-118 | 27-Jul-10 | 15 | 430505 | 5464497 | 364 | 82 | qtz rich altered qfp; trace-2% pyr; o/c |
| JRC-10-120 | 27-Jul-10 | 15 | 430569 | 5464365 | 366 | 402 | qtz rich altered qfp; 2% pyr; o/c |
| JRC-10-121 | 27-Jul-10 | 15 | 430572 | 5464371 | 366 | 540 | qtz rich altered qfp; 2% pyr; o/c |
| JRC-10-122 | 27-Jul-10 | 15 | 430572 | 5464372 | 366 | 656 | qtz rich altered qfp; 2% pyr; o/c |
| JRC-10-123 | 27-Jul-10 | 15 | 430566 | 5464371 | 360 | 531 | qtz stringers through carbed mafic; trace pyrite; o/c |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| JRC-10-124 | 28-Jul-10 | 15 | 434523 | 5464326 | 381 | <5 | qfp dyke through mafics; trace pyrite; o/c |
| JRC-10-125 | 28-Jul-10 | 15 | 434521 | 5464337 | 394 | <5 | qfp dyke through mafics; trace pyrite; o/c |
| JRC-10-126 | 28-Jul-10 | 15 | 434489 | 5464266 | 371 | <5 | qtz-rich altered mafic; o/c |
| SAS-10-016 | 20-Jul-10 | 15 | 440275 | 5466041 | 364 | 287 | carb qtz vein through mafic; trace pyr |
| SAS-10-017 | 20-Jul-10 | 15 | 440461 | 5466048 | 363 | <5 | qtz calcite vein with mafic; trace cpy |
| SAS-10-018 | 22-Jul-10 | 15 | 439607 | 5466610 | 352 | 32505 | qtz with sericite; carb with VG |
| SAS-10-019 | 22-Jul-10 | 15 | 439607 | 5466611 | 357 | 59350 | qtz with sericite; carb with VG |
| SAS-10-020 | 22-Jul-10 | 15 | 439607 | 5466612 | 357 | 18233 | qtz with sericite; carb with VG |
| SAS-10-021 | 23-Jul-10 | 15 | 440046 | 5460511 | 355 | 1696 | rusty carb altered granite with pyr |
| SAS-10-022 | 23-Jul-10 | 15 | 440073 | 5460450 | 373 | 522 | rusty carb altered granite with pyr |
| SAS-10-023 | 23-Jul-10 | 15 | 440490 | 5458999 | 377 | 1252 | rusty carb altered granite with qtz stringers; stringers of pyr on contact with mafic material |
| SAS-10-024 | 23-Jul-10 | 15 | 440488 | 5459025 | 357 | 179 | rusty carb altered granite with pyr |
| SAS-10-025 | 23-Jul-10 | 15 | 440488 | 5459025 | 357 | 236 | rusty carb altered granite with pyr |
| SAS-10-026 | 23-Jul-10 | 15 | 440487 | 5459024 | 357 | 35 | qtz vein through altered granite with pyr |
| SAS-10-027 | 24-Jul-10 | 15 | 440070 | 5460470 | 344 | 8257 | rusty carb altered granite with cpy py and malachite |
| SAS-10-028 | 24-Jul-10 | 15 | 440074 | 5460450 | 367 | 2705 | rusty carb qtz vein through altered granite with pyr |
| SAS-10-029 | 24-Jul-10 | 15 | 440071 | 5460447 | 367 | 1580 | rusty carb altered granite with qtz and pyr |
| SAS-10-030 | 24-Jul-10 | 15 | 439862 | 5460513 | 367 | 46 | rusty qtz veins through granite with pyr |
| SAS-10-031 | 24-Jul-10 | 15 | 439856 | 5460526 | 366 | 47 | rusty carb altered granite with qtz, pyr and molybdenum |
| SAS-10-032 | 24-Jul-10 | 15 | 439856 | 5460526 | 371 | 106 | rusty carb altered granite with pyr |
| SAS-10-033 | 24-Jul-10 | 15 | 439827 | 5460494 | 362 | 671 | rusty carb altered granite with pyr |
| SAS-10-034 | 24-Jul-10 | 15 | 439828 | 5460494 | 362 | 1476 | rusty carb altered granite with qtz and pyr |
| SAS-10-035 | 24-Jul-10 | 15 | 439829 | 5460494 | 363 | 2426 | rusty carb altered granite with qtz and pyr |
| SAS-10-036 | 25-Jul-10 | 15 | 439851 | 5460461 | 359 | 987 | float; rusty carb altered granite with qtz and pyr |
| SAS-10-037 | 25-Jul-10 | 15 | 439852 | 5460481 | 364 | 645 | float; rusty carb altered granite with qtz and pyr |
| SAS-10-038 | 25-Jul-10 | 15 | 439821 | 5460539 | 376 | 2594 | o/c; rusty carb altered granite with qtz and pyr |
| SAS-10-039 | 25-Jul-10 | 15 | 439900 | 5460557 | 359 | 176 | altered granite with qtz and pyr |
| SAS-10-040 | 25-Jul-10 | 15 | 439900 | 5460557 | 359 | 227 | altered granite with qtz and pyr |
| SAS-10-041 | 25-Jul-10 | 15 | 439900 | 5460557 | 359 | 36 | altered granite with qtz and pyr |
| SAS-10-042 | 26-Jul-10 | 15 | 429750 | 5465388 | 341 | 20 | mafic with qtz stringers and pyr |
| SAS-10-043 | 27-Jul-10 | 15 | 430547 | 5464412 | 369 | 350 | rusty altered granite with qtz stringers and pyr |
| SAS-10-044 | 27-Jul-10 | 15 | 430547 | 5464412 | 370 | 60 | rusty qtz vein with pyr |
| SAS-10-045 | 27-Jul-10 | 15 | 430547 | 5464412 | 366 | 54 | rusty altered granite with qtz stringers and pyr |
| SAS-10-046 | 27-Jul-10 | 15 | 430532 | 5464420 | 362 | 18 | rusty altered granite with qtz stringers and pyr |
| SAS-10-047 | 27-Jul-10 | 15 | 430508 | 5464485 | 354 | 51 | rusty altered granite with qtz stringers and pyr |
| SAS-10-048 | 27-Jul-10 | 15 | 430500 | 5464481 | 353 | 4672 | rusty altered granite with qtz stringers and pyr |
| SAS-10-049 | 27-Jul-10 | 15 | 430500 | 5464481 | 354 | 1677 | rusty altered granite with qtz stringers and pyr |
| SAS-10-050 | 27-Jul-10 | 15 | 430567 | 5464349 | 369 | 1334 | rusty carb altered qtz vein through mafic with pyr |
| SAS-10-051 | 27-Jul-10 | 15 | 430570 | 5464348 | 369 | 1044 | rusty carb altered mafic with qtz stringers and pyr |
| SAS-10-052 | 28-Jul-10 | 15 | 434507 | 5464299 | 379 | 8 | mafic with qtz and trace pyr |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SAS-10-053 | 28-Jul-10 | 15 | 434544 | 5464705 | 391 | 27 | mafic with qtz eyes and pyr |
| BLE-CH-001 | 27-Jul-10 | 15 | 430937 | 5464023 | 358 | 489 | chl/sericite schist with semi-transparent qtz stringers; trace pyrite; carb alteration (1.2m) |
| BLE-CH-002 | 27-Jul-10 | 15 | 430937 | 5464023 | 358 | <5 | massive pillows (0.25m) |
| BLE-CH-003 | 27-Jul-10 | 15 | 430937 | 5464023 | 358 | 67 | chl/sericite schist with semi-transparent qtz stringers; trace pyrite; carb alteration (1.0m) |
| BLE-CH-004 | 27-Jul-10 | 15 | 430937 | 5464023 | 358 | 22 | chl/sericite schist with semi-transparent qtz stringers; trace pyrite; carb alteration (0.75m) |
| BLE-CH-005 | 27-Jul-10 | 15 | 430937 | 5464023 | 358 | 225 | chl/sericite schist with semi-transparent qtz stringers; trace pyrite; carb alteration (0.7m) |
| BLE-CH-006 | 27-Jul-10 | 15 | 430937 | 5464023 | 358 | 6 | massiv pillows (0.65m) |
| BLE-CH-007 | 27-Jul-10 | 15 | 430937 | 5464023 | 358 | 564 | chl/sericite schist with semi-transparent qtz stringers; trace pyrite; carb alteration (0.8m) |
| BLE-CH-008 | 27-Jul-10 | 15 | 430937 | 5464023 | 358 | 425 | chl/sericite schist with semi-transparent qtz stringers; trace pyrite; carb alteration (0.85m) |
| BLE-CH-009 | 27-Jul-10 | 15 | 430937 | 5464023 | 358 | 62 | chl/sericite schist within vol breccia (0.15m) |
| BLE-CH-010 | 27-Jul-10 | 15 | 430937 | 5464023 | 358 | 128 | chl/sericite schist with qtz stringers and veinlets, strong carb (0.25m) |

# APPENDIX II

## Personnel Involved with Prospecting Program

**Personnel included in the 2009 Dogpaw prospecting program**

Ricky Crocker
Shane Stares
Don Heerema
Mike MacIsaac
Jeff Myllyaho

# APPENDIX III

## Daily Work Log

**Prospecting Log**

July 19 2010 - R.Crocker, S.Stares, D.Heerema, M.MacIsaac and J.Myllyaho Travelled to Sioux Narrows from Thunder Bay

July 20 2010 - D.Heerema, M.MacIsaac and J.Myllyaho mapped on grid lines at the eastern end of the Flint Lake Claims while R.Crocker and S.Stares prospected the area northeast of the shore of Flint Lake

July 21 2010 - D.Heerema, M.MacIsaac and J.Myllyaho mapped on grid lines on the east-central part of the Flint Lake Claims while R.Crocker and S.Stares prospected around the Flint Central Showing

July 22 2010 - D.Heerema, M.MacIsaac and J.Myllyaho mapped on grid lines on the west-central part of the Flint Lake Claims while R.Crocker and S.Stares prospected around the Flint Central Showing

July 23 2010 - D.Heerema, M.MacIsaac and J.Myllyaho finished mapping on grid lines on the western part of the Flint Lake Claims while R.Crocker and S.Stares prospected around the Flint North Showing with the entire crew moving to the Stephen's Lake Area late in the day

July 24 2010 - D.Heerema, M.MacIsaac and J.Myllyaho mapped the northern grid lines on the Stephen's Lake Claims while R.Crocker and S.Stares prospected areas south off the cut grid

July 25 2010 - D.Heerema, M.MacIsaac and J.Myllyaho mapped the northern grid lines on the Stephen's Lake Claims while R.Crocker and S.Stares prospected areas south off the cut grid

July 26 2010 - R.Crocker, S.Stares, D.Heerema, M.MacIsaac and J.Myllyaho prospected the area on the eastern side of Bag Lake

July 27 2010 - D.Heerema, M.MacIsaac and J.Myllyaho prospected the area on the north-eastern side of Bag Lake while R.Crocker and S.Stares prospected areas along the road and towards the south-central boundary

July 28 2010 - D.Heerema, M.MacIsaac and J.Myllyaho mapped and channel sampled an outcrop on a forestry road on the eastern side of Bag Lake while R.Crocker and S.Stares prospected towards the north-east side of Bag Lake

# APPENDIX IV

## Laboratory Certificates of Analysis

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# Certificate of Analysis

Saturday, August 14, 2010

Metals Creek Resources
#329 1100 Memorial Avenue
Thunder Bay, ON, CAN
P7B 4A3
Ph#: (807) 345-4990
Fax#: (807) 345-5382
Email#: mmacissac@metalscreek.com, astares@metalscreek.com (NFLD)

Date Received: 07/30/2010
Date Completed: 08/14/2010
Job #: 201042899
Reference:
Sample #: 56 Rock

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|---|
| 202636 | | SAS-10-042 | 20 | <0.001 | 0.020 |
| 202637 | | SAS-10-043 | 350 | 0.010 | 0.350 |
| 202638 | | SAS-10-044 | 60 | 0.002 | 0.060 |
| 202639 | | SAS-10-045 | 54 | 0.002 | 0.054 |
| 202640 | | SAS-10-046 | 18 | <0.001 | 0.018 |
| 202641 | | SAS-10-047 | 51 | 0.001 | 0.051 |
| 202642 | | SAS-10-048 | 4672 | 0.136 | 4.672 |
| 202643 | | SAS-10-049 | 1677 | 0.049 | 1.677 |
| 202644 | | SAS-10-050 | 1334 | 0.039 | 1.334 |
| 202645 | | SAS-10-051 | 927 | 0.027 | 0.927 |
| 202646 | Dup | SAS-10-051 | 1044 | 0.030 | 1.044 |
| 202647 | | SAS-10-052 | 8 | <0.001 | 0.008 |
| 202648 | | SAS-10-053 | 27 | <0.001 | 0.027 |
| 202649 | | JRC-10-102 | 10 | <0.001 | 0.010 |
| 202650 | | JRC-10-103 | 53 | 0.002 | 0.053 |
| 202651 | | JRC-10-104 | 121 | 0.004 | 0.121 |
| 202652 | | JRC-10-105 | 23 | <0.001 | 0.023 |
| 202653 | | JRC-10-106 | 71 | 0.002 | 0.071 |
| 202654 | | JRC-10-107 | 164 | 0.005 | 0.164 |
| 202655 | | JRC-10-108 | 27 | <0.001 | 0.027 |
| 202656 | | JRC-10-109 | 18 | <0.001 | 0.018 |
| 202657 | Dup | JRC-10-109 | 16 | <0.001 | 0.016 |

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Date Completed: 08/14/2010
Job #: 201042899
Reference:
Sample #: 56 Rock

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|---|
| 202658 | | JRC-10-110 | 36 | 0.001 | 0.036 |
| 202659 | | JRC-10-111 | 66 | 0.002 | 0.066 |
| 202660 | | JRC-10-112 | 425 | 0.012 | 0.425 |
| 202661 | | JRC-10-113 | 156 | 0.005 | 0.156 |
| 202662 | | JRC-10-114 | 119 | 0.003 | 0.119 |
| 202663 | | JRC-10-115 | 372 | 0.011 | 0.372 |
| 202664 | | JRC-10-116 | 43 | 0.001 | 0.043 |
| 202665 | | JRC-10-117 | 540 | 0.016 | 0.540 |
| 202666 | | JRC-10-118 | 82 | 0.002 | 0.082 |
| 202667 | | JRC-10-119 | No Sample Received | | |
| 202668 | Dup | JRC-10-119 | No Sample Received | | |
| 202669 | | JRC-10-120 | 402 | 0.012 | 0.402 |
| 202670 | | JRC-10-121 | 540 | 0.016 | 0.540 |
| 202671 | | JRC-10-122 | 656 | 0.019 | 0.656 |
| 202672 | | JRC-10-123 | 531 | 0.015 | 0.531 |
| 202673 | | JRC-10-124 | <5 | <0.001 | <0.005 |
| 202674 | | JRC-10-125 | <5 | <0.001 | <0.005 |
| 202675 | | JRC-10-126 | <5 | <0.001 | <0.005 |
| 202676 | | DHJ-10-026 | 18 | <0.001 | 0.018 |
| 202677 | | DHJ-10-027 | <5 | <0.001 | <0.005 |
| 202678 | | MAM-10-032 | 33 | <0.001 | 0.033 |
| 202679 | | MAM-10-033 | 214 | 0.006 | 0.214 |

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Date Received: 07/30/2010
Date Completed: 08/14/2010
Job #: 201042899
Reference:
Sample #: 56 Rock

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|---|
| 202680 | | JMM-10-059 | <5 | <0.001 | <0.005 |
| 202681 | | JMM-10-060 | 153 | 0.004 | 0.153 |
| 202682 | | JMM-10-061 | <5 | <0.001 | <0.005 |
| 202683 | | JMM-10-062 | 2508 | 0.073 | 2.508 |
| 202684 | | JMM-10-063 | 1016 | 0.030 | 1.016 |
| 202685 | | BLE-CH-001 | 489 | 0.014 | 0.489 |
| 202686 | | BLE-CH-002 | <5 | <0.001 | <0.005 |
| 202687 | | BLE-CH-003 | 67 | 0.002 | 0.067 |
| 202688 | | BLE-CH-004 | 22 | <0.001 | 0.022 |
| 202689 | | BLE-CH-005 | 207 | 0.006 | 0.207 |
| 202690 | Dup | BLE-CH-005 | 225 | 0.007 | 0.225 |
| 202691 | | BLE-CH-006 | 6 | <0.001 | 0.006 |
| 202692 | | BLE-CH-007 | 564 | 0.016 | 0.564 |
| 202693 | | BLE-CH-008 | 425 | 0.012 | 0.425 |
| 202694 | | BLE-CH-009 | 62 | 0.002 | 0.062 |
| 202695 | | BLE-CH-010 | 128 | 0.004 | 0.128 |

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Email#: mmacissac@metalscreek.com, astares@metalscreek.com (NFLD)

| | |
|---|---|
| Date Received: | 07/30/2010 |
| Date Completed: | 08/14/2010 |
| Job #: | 201042899 |
| Reference: | |
| Sample #: | 56 Rock |

| Acc # | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|

PROCEDURE CODES: ALP1, ALFA1

Certified By:

Jason Moore, General Manager

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Wednesday, August 18, 2010

Metals Creek Resources
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Ph#: (807) 345-4990
Fax#: (807) 345-5382
Email#: mmacissac@metalscreek.com, astares@metalscreek.com (NFLD)

Date Received: 08/08/2010
Date Completed: 08/18/2010
Job #: 201043102
Reference:
Sample #: 2 Rock

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|---|
| 217787 | | MAM10 034 | 342 | 0.010 | 0.342 |
| 217788 | | MAM10 035 | 25 | <0.001 | 0.025 |
| 217789 | Dup | MAM10 035 | 23 | <0.001 | 0.023 |

PROCEDURE CODES: ALP1, ALFA1

Certified By:

Derek Demianiuk H.Bsc., Laboratory Manager

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Monday, August 16, 2010

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Ph#: (807) 345-4990
Fax#: (807) 345-5382
Email#: mmacissac@metalscreek.com, astares@metalscreek.com (NFLD)

Date Received: 07/30/2010
Date Completed: 08/16/2010
Job #: 201042900
Reference:
Sample #: 35 Rock

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|---|
| 202696 | | SAS-10-014 | 221 | 0.006 | 0.221 |
| 202697 | | SAS-10-015 | 721 | 0.021 | 0.721 |
| 202698 | | SAS-10-016 | 287 | 0.008 | 0.287 |
| 202699 | | SAS-10-017 | <5 | <0.001 | <0.005 |
| 202700 | | SAS-10-018 | 32505 | 0.948 | 32.505 |
| 202701 | | SAS-10-019 | 59350 | 1.731 | 59.350 |
| 202702 | | SAS-10-020 | 18233 | 0.532 | 18.233 |
| 202703 | | JRC-10-046 | 127 | 0.004 | 0.127 |
| 202704 | | JRC-10-047 | 154 | 0.004 | 0.154 |
| 202705 | | JRC-10-048 | 214 | 0.006 | 0.214 |
| 202706 | Dup | JRC-10-048 | 228 | 0.007 | 0.228 |
| 202707 | | JRC-10-049 | 376 | 0.011 | 0.376 |
| 202708 | | JRC-10-050 | 640 | 0.019 | 0.640 |
| 202709 | | JRC-10-051 | 87 | 0.003 | 0.087 |
| 202710 | | JRC-10-052 | 216 | 0.006 | 0.216 |
| 202711 | | JRC-10-053 | 33 | <0.001 | 0.033 |
| 202712 | | JRC-10-054 | 144 | 0.004 | 0.144 |
| 202713 | | JRC-10-055 | 11 | <0.001 | 0.011 |
| 202714 | | JRC-10-056 | <5 | <0.001 | <0.005 |
| 202715 | | JRC-10-057 | 130 | 0.004 | 0.130 |
| 202716 | | JRC-10-058 | 7 | <0.001 | 0.007 |
| 202717 | Dup | JRC-10-058 | 15 | <0.001 | 0.015 |

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Fax#: (807) 345-5382
Email#: mmacissac@metalscreek.com, astares@metalscreek.com (NFLD)

Date Received: 07/30/2010
Date Completed: 08/16/2010
Job #: 201042900
Reference:
Sample #: 35 Rock

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|---|
| 202718 | | JRC-10-059 | 69 | 0.002 | 0.069 |
| 202719 | | JRC-10-060 | 68865 | 2.009 | 68.865 |
| 202720 | | JRC-10-061 | 60639 | 1.769 | 60.639 |
| 202721 | | JRC-10-062 | 112467 | 3.281 | 112.467 |
| 202722 | | DHJ10-005 | 46 | 0.001 | 0.046 |
| 202723 | | DHJ-10-006 | 695 | 0.020 | 0.695 |
| 202724 | | DHJ-10-007 | 17 | <0.001 | 0.017 |
| 202725 | | DHJ-10-008 | 10663 | 0.311 | 10.663 |
| 202726 | | DHJ-10-009 | 222 | 0.006 | 0.222 |
| 202727 | | DHJ-10-010 | 29683 | 0.866 | 29.683 |
| 202728 | | DHJ-10-011 | 5 | <0.001 | 0.005 |
| 202729 | Dup | DHJ-10-011 | <5 | <0.001 | <0.005 |
| 202730 | | DHJ-10-012 | 18 | <0.001 | 0.018 |
| 202731 | | MAM-10-026 | <5 | <0.001 | <0.005 |
| 202732 | | MAM-10-027 | 14 | <0.001 | 0.014 |
| 202733 | | MAM-10-028 | <5 | <0.001 | <0.005 |

PROCEDURE CODES: ALP1, ALFA1

Certified By:

Derek Demianiuk H.Bsc., Laboratory Manager

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Email#: mmacissac@metalscreek.com, astares@metalscreek.com (NFLD)

Date Received: 07/30/2010
Date Completed: 08/16/2010
Job #: 201042901
Reference:
Sample #: 87 Rock

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|---|
| 202734 | | SAS-10-021 | 1696 | 0.049 | 1.696 |
| 202735 | | SAS-10-022 | 522 | 0.015 | 0.522 |
| 202736 | | SAS-10-023 | 1252 | 0.037 | 1.252 |
| 202737 | | SAS-10-024 | 179 | 0.005 | 0.179 |
| 202738 | | SAS-10-025 | 236 | 0.007 | 0.236 |
| 202739 | | SAS-10-026 | 35 | 0.001 | 0.035 |
| 202740 | | SAS-10-027 | 8257 | 0.241 | 8.257 |
| 202741 | | SAS-10-028 | 2705 | 0.079 | 2.705 |
| 202742 | | SAS-10-029 | 1580 | 0.046 | 1.580 |
| 202743 | | SAS-10-030 | 46 | 0.001 | 0.046 |
| 202744 | Dup | SAS-10-030 | 46 | 0.001 | 0.046 |
| 202745 | | SAS-10-031 | 47 | 0.001 | 0.047 |
| 202746 | | SAS-10-032 | 106 | 0.003 | 0.106 |
| 202747 | | SAS-10-033 | 671 | 0.020 | 0.671 |
| 202748 | | SAS-10-034 | 1476 | 0.043 | 1.476 |
| 202749 | | SAS-10-035 | 2426 | 0.071 | 2.426 |
| 202750 | | SAS-10-036 | 987 | 0.029 | 0.987 |
| 202751 | | SAS-10-037 | 645 | 0.019 | 0.645 |
| 202752 | | SAS-10-038 | 2594 | 0.076 | 2.594 |
| 202753 | | SAS-10-039 | 176 | 0.005 | 0.176 |
| 202754 | | SAS-10-040 | 227 | 0.007 | 0.227 |
| 202755 | Dup | SAS-10-040 | 241 | 0.007 | 0.241 |

ACCURASSAY LABORATORIES
1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5
Tel: (807) 626-1630
Fax: (807) 622-7571
www.accurassay.com
assay@accurassay.com

**Certificate of Analysis**

Monday, August 16, 2010

Metals Creek Resources
#329 1100 Memorial Avenue
Thunder Bay, ON, CAN
P7B 4A3
Ph#: (807) 345-4990
Fax#: (807) 345-5382
Email#: mmacissac@metalscreek.com, astares@metalscreek.com (NFLD)

Date Received: 07/30/2010
Date Completed: 08/16/2010
Job #: 201042901
Reference:
Sample #: 87 Rock

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|---|
| 202756 | | SAS-10-041 | 36 | 0.001 | 0.036 |
| 202757 | | JRC-10-063 | 306 | 0.009 | 0.306 |
| 202758 | | JRC-10-064 | 2472 | 0.072 | 2.472 |
| 202759 | | JRC-10-065 | 2640 | 0.077 | 2.640 |
| 202760 | | JRC-10-066 | 2275 | 0.066 | 2.275 |
| 202761 | | JRC-10-067 | 551 | 0.016 | 0.551 |
| 202762 | | JRC-10-068 | 411 | 0.012 | 0.411 |
| 202763 | | JRC-10-069 | 508 | 0.015 | 0.508 |
| 202764 | | JRC-10-070 | 6541 | 0.191 | 6.541 |
| 202765 | | JRC-10-071 | 9082 | 0.265 | 9.082 |
| 202766 | Dup | JRC-10-071 | 8815 | 0.257 | 8.815 |
| 202767 | | JRC-10-072 | 1201 | 0.035 | 1.201 |
| 202768 | | JRC-10-073 | 82 | 0.002 | 0.082 |
| 202769 | | JRC-10-074 | 48 | 0.001 | 0.048 |
| 202770 | | JRC-10-075 | 27 | <0.001 | 0.027 |
| 202771 | | JRC-10-076 | 12 | <0.001 | 0.012 |
| 202772 | | JRC-10-077 | 50 | 0.001 | 0.050 |
| 202773 | | JRC-10-078 | 63 | 0.002 | 0.063 |
| 202774 | | JRC-10-079 | 121 | 0.004 | 0.121 |
| 202775 | | JRC-10-080 | 3872 | 0.113 | 3.872 |
| 202776 | | JRC-10-081 | 425 | 0.012 | 0.425 |
| 202777 | Dup | JRC-10-081 | 549 | 0.016 | 0.549 |

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Date Received: 07/30/2010
Date Completed: 08/16/2010
Job #: 201042901
Reference:
Sample #: 87 Rock

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|---|
| 202778 | | JRC-10-082 | 3424 | 0.100 | 3.424 |
| 202779 | | JRC-10-083 | 436 | 0.013 | 0.436 |
| 202780 | | JRC-10-084 | 4991 | 0.146 | 4.991 |
| 202781 | | JRC-10-085 | 4457 | 0.130 | 4.457 |
| 202782 | | JRC-10-086 | 10681 | 0.312 | 10.681 |
| 202783 | | JRC-10-087 | 45 | 0.001 | 0.045 |
| 202784 | | JRC-10-088 | 46 | 0.001 | 0.046 |
| 202785 | | JRC-10-089 | 5740 | 0.167 | 5.740 |
| 202786 | | JRC-10-090 | 3221 | 0.094 | 3.221 |
| 202787 | | JRC-10-091 | 11038 | 0.322 | 11.038 |
| 202788 | Dup | JRC-10-091 | 10522 | 0.307 | 10.522 |
| 202789 | | JRC-10-092 | 1679 | 0.049 | 1.679 |
| 202790 | | JRC-10-093 | 8313 | 0.243 | 8.313 |
| 202791 | | JRC-10-094 | 364 | 0.011 | 0.364 |
| 202792 | | JRC-10-095 | 4778 | 0.139 | 4.778 |
| 202793 | | JRC-10-096 | 572 | 0.017 | 0.572 |
| 202794 | | JRC-10-097 | 14937 | 0.436 | 14.937 |
| 202795 | | JRC-10-098 | 5254 | 0.153 | 5.254 |
| 202796 | | JRC-10-099 | 265 | 0.008 | 0.265 |
| 202797 | | JRC-10-100 | 280 | 0.008 | 0.280 |
| 202798 | | JRC-10-101 | 93 | 0.003 | 0.093 |
| 202799 | | DHJ-10-013 | 6 | <0.001 | 0.006 |

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Date Received: 07/30/2010
Date Completed: 08/16/2010
Job #: 201042901
Reference:
Sample #: 87 Rock

| Acc # | | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|---|
| 202800 | | DHJ-10-014 | 51 | 0.001 | 0.051 |
| 202801 | | DHJ-10-015 | 89 | 0.003 | 0.089 |
| 202802 | | DHJ-10-016 | <5 | <0.001 | <0.005 |
| 202803 | | DHJ-10-017 | 465 | 0.014 | 0.465 |
| 202804 | | DHJ-10-018 | 11 | <0.001 | 0.011 |
| 202805 | | DHJ-10-019 | 149 | 0.004 | 0.149 |
| 202806 | | DHJ-10-020 | 26 | <0.001 | 0.026 |
| 202807 | | DHJ-10-021 | 11 | <0.001 | 0.011 |
| 202808 | | DHJ-10-022 | 29471 | 0.860 | 29.471 |
| 202809 | | DHJ-10-023 | 1189 | 0.035 | 1.189 |
| 202810 | Dup | DHJ-10-023 | 1298 | 0.038 | 1.298 |
| 202811 | | DHJ-10-024 | 1691 | 0.049 | 1.691 |
| 202812 | | DHJ-10-025 | 164 | 0.005 | 0.164 |
| 202813 | | MAM-10-029 | 25 | <0.001 | 0.025 |
| 202814 | | MAM-10-030 | <5 | <0.001 | <0.005 |
| 202815 | | MAM-10-031 | <5 | <0.001 | <0.005 |
| 202816 | | JMM-10-048 | <5 | <0.001 | <0.005 |
| 202817 | | JMM-10-049 | <5 | <0.001 | <0.005 |
| 202818 | | JMM-10-050 | <5 | <0.001 | <0.005 |
| 202819 | | JMM-10-051 | 8 | <0.001 | 0.008 |
| 202820 | | JMM-10-052 | 5 | <0.001 | 0.005 |
| 202821 | Dup | JMM-10-052 | 6 | <0.001 | 0.006 |

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Date Received: 07/30/2010
Date Completed: 08/16/2010
Job #: 201042901
Reference:
Sample #: 87 Rock

| Acc # | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|
| 202822 | JMM-10-053 | 7 | <0.001 | 0.007 |
| 202823 | JMM-10-054 | <5 | <0.001 | <0.005 |
| 202824 | JMM-10-055 | 11 | <0.001 | 0.011 |
| 202825 | JMM-10-056 | 17 | <0.001 | 0.017 |
| 202826 | JMM-10-057 | 16 | <0.001 | 0.016 |
| 202827 | JMM-10-058 | 1381 | 0.040 | 1.381 |

PROCEDURE CODES: ALP1, ALFA1

Certified By:

Derek Demianiuk H.Bsc., Laboratory Manager



AL903-0730-08/16/2010 11:30 AM

# APPENDIX V

# Expenditures

**Expenditures submitted for assessment credit:**

| | | | |
|---|---|---|---|
| **Labour** | | | |
| 3 Geologists: | 9 days @ $400/day | $ | 10,800.00 |
| 2 Prospectors: | 9 days @ $350/day | $ | 6,300.00 |
| **Report Writing/Compilation** | | | |
| Geologist: | 6 days @ $400/day (Report) | $ | 2,400.00 |
| Geologist: | 3 days @ $400/day (Prep/Planning) | $ | 1,200.00 |
| **Transportation** | | | |
| Air Transportation: | | $ | 864.00 |
| Truck rentals: | | $ | 840.00 |
| Fuel: | | $ | 361.00 |
| **Equipment Rentals** | | | |
| Boat and Motor Rental: 9 days @ $40/day | | $ | 360.00 |
| Quad Rental: 9 days @ $40/day | | $ | 360.00 |
| **Supplies** | | | |
| Field Supplies: | | $ | 922.00 |
| **Accomodations/Meals** | | | |
| Motels: | | $ | 3,107.00 |
| Food and Meals: | | $ | 2,251.00 |
| **Assays** | | | |
| (Au) 170 rock samples @ $16.25/day | | $ | 2,763.00 |
| **Total** | | **$** | **32,528.00** |

# APPENDIX VI

## Attached Maps and Figures

# METALS CREEK RESOURCES DOGPAW PROPERTY
## CLAIM BLOCK WITH 2010 SAMPLE LOCATIONS

N

0 2.5 5
kilometers
1:50,000

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

5,461,000 mN | 5,460,500 mN | 5,460,000 mN | 5,459,500 mN | 5,459,000 mN

N

DHJ-10-020

no o/c

JMM-10-058

JMM-10-055, 056, 057

JMM-10-054

DHJ-10-017

DHJ-10-018

MAM-10-031

B/D

MAM-10-029

MAM-10-030

JMM-10-048

JMM-10-050

JMM-10-051, 052, 053

**LEGEND**

- GRANITE
- GRANODIORITE
- DIORITE
- MELANOGABBRO
- PYROXENITE
- BOULDER
- RIDGE/CLIFF
- SWAMP

0 250 500

meters

TSX: MEK.V Metals Creek Resources

| | |
|---|---|
| Date:17/5/2011 | **2010 Stephen's Lake Grid Mapping** |
| Author: J.M. | |
| Office: T.Bay | |
| Drawing: | |
| Scale: 1:2000 | Projection: UTM Zone 15 (NAD 83) |

N

**LEGEND**

- Mafic Volcanics
- Sheared Mafic Volcanics
- Intermediate Volcanics
- Diorite
- Sample Location
- Swamp
- Skidder Trail
- Portage Trail
- Boulder

MAM-10-028
MAM-10-027
MAM-10-026
DHJ-10-012
DHJ-10-011
DHJ-10-006
DHJ-10-006

L0 L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17 L18 L19 L19.5 L20 L20.5 L21 L21.5 L22 L22.5 L23 L24 L25 26

TSX: MEK.V Metals Creek Resources

Date:29/11/2011

Author: J.M.

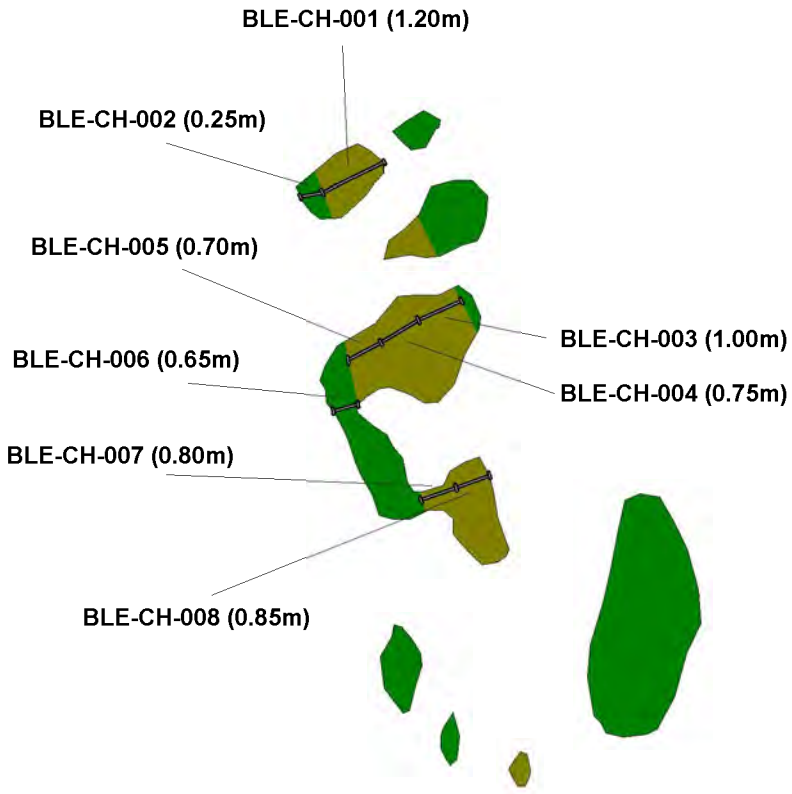
Office: T.Bay

Drawing:

Scale: 1:5000 Projection: UTM Zone 15 (NAD 83)

# 2010 Flint Lake Grid Mapping

# BAG LAKE ROAD ZONE
# CHANNEL SAMPLING

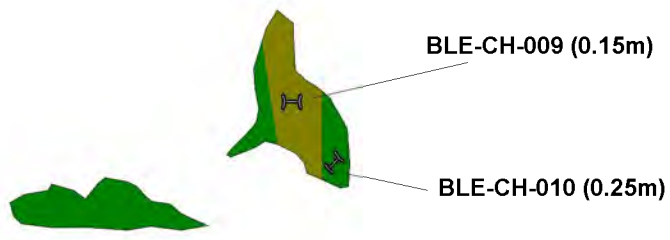



## LEGEND

MASSIVE PILLOWED BASALTS

CHLORITE/SERICITE SCHIST WITH CARBONATE ALTERATION AND QUARTZ VEINING/STRINGERS

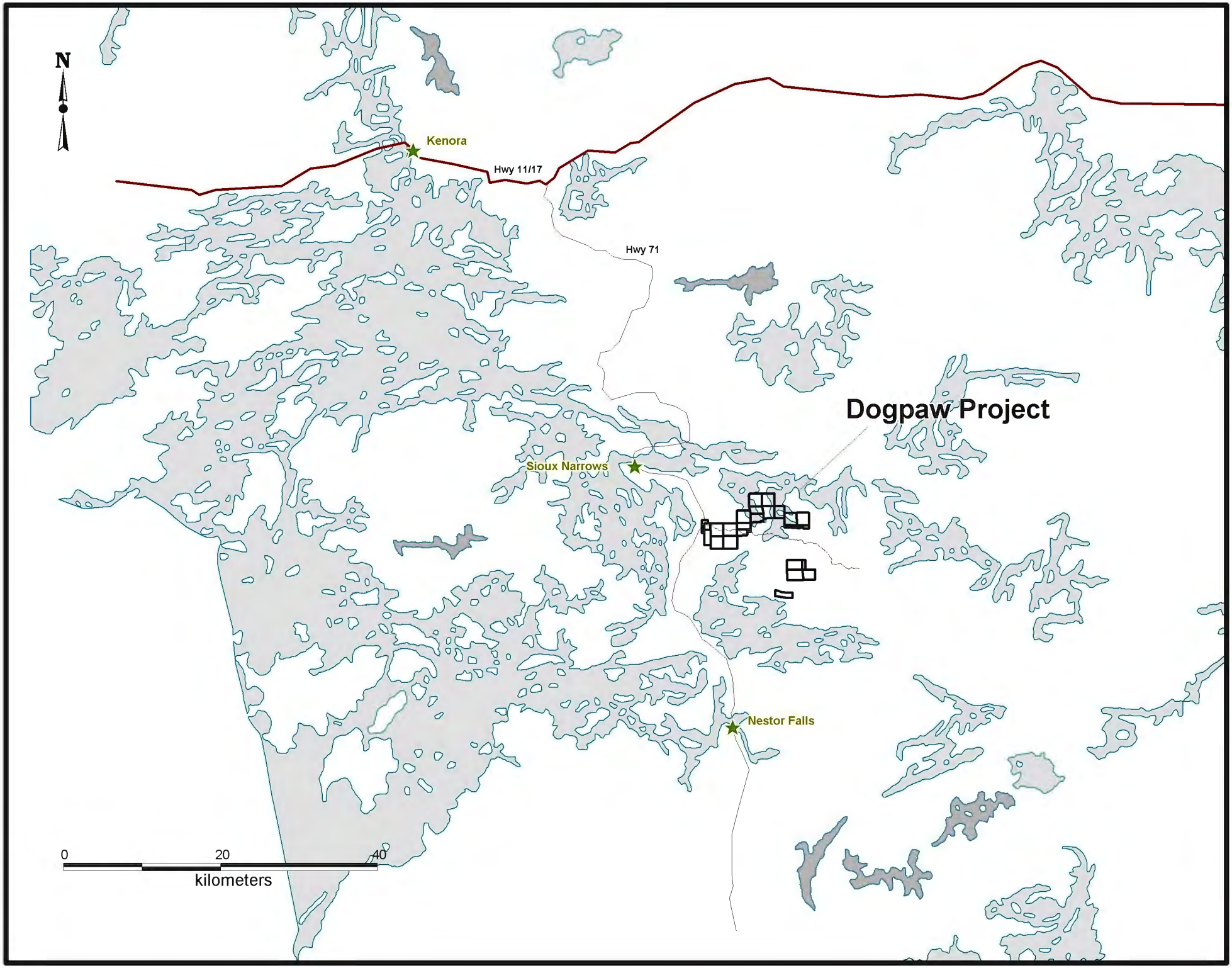
CHANNEL SAMPLE

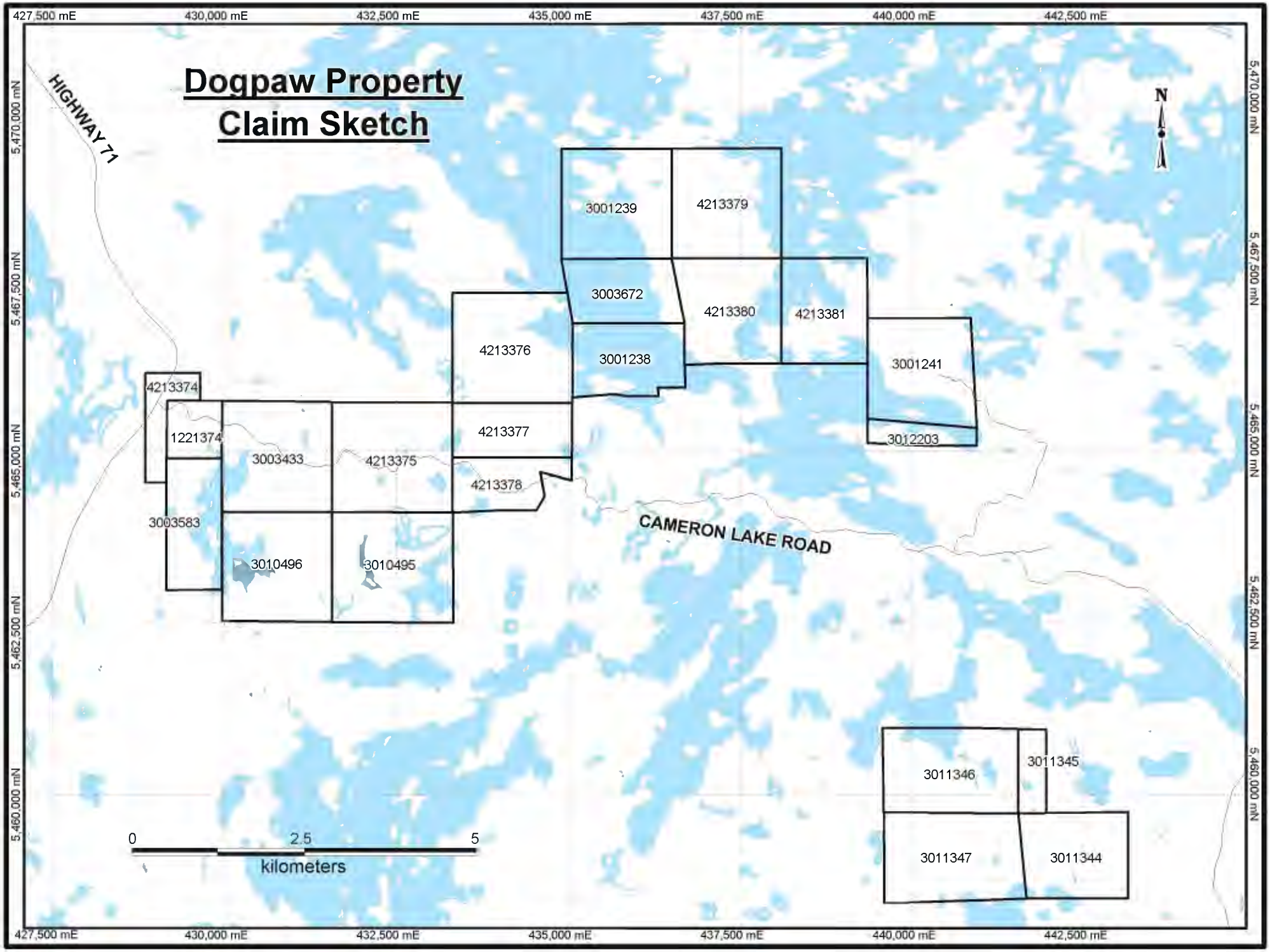



0 5 10
metres

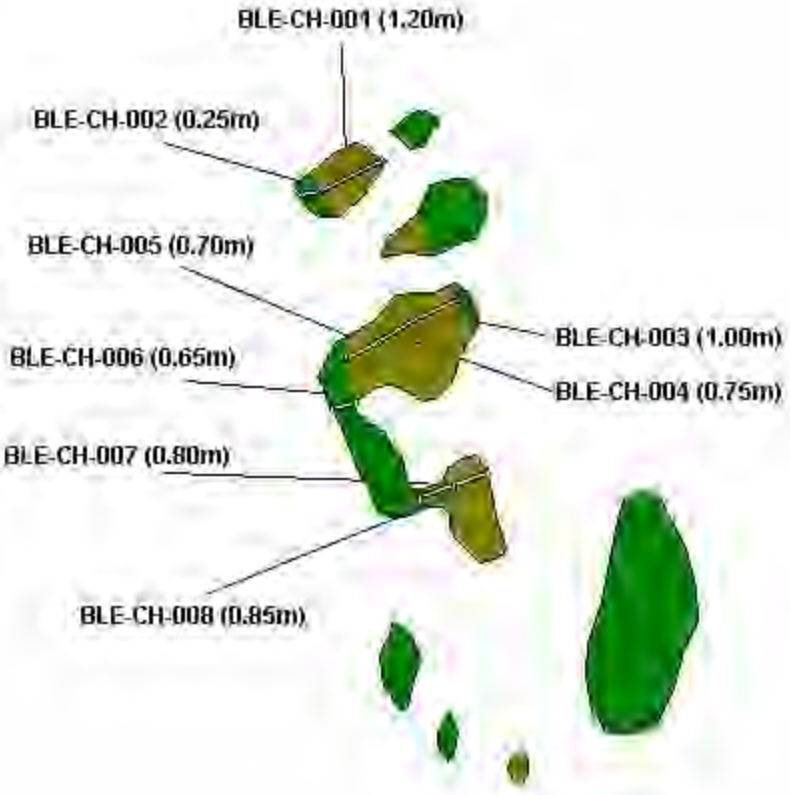
430,925 mE 430,930 mE 430,935 mE 430,940 mE 430,945 mE 430,950 mE 430,955 mE

5,464,040 mN 5,464,035 mN 5,464,030 mN 5,464,025 mN 5,464,020 mN 5,464,015 mN 5,464,010 mN 5,464,005 mN 5,464,000 mN 5,463,995 mN 5,463,990 mN 5,463,985 mN


N
Kenora
Hwy 11/17
Hwy 71
Dogpaw Project
Sioux Narrows
Nestor Falls
0
20
40
kilometers


Dogpaw Property
Claim Sketch
HIGHWAY 71
CAMERON LAKE ROAD
N
427,500 mE
430,000 mE
432,500 mE
435,000 mE
437,500 mE
440,000 mE
442,500 mE
5,470,000 mN
5,467,500 mN
5,465,000 mN
5,462,500 mN
5,460,000 mN
3001239
4213379
3003672
4213380
4213381
3001238
4213376
3001241
3012203
4213374
1221374
3003433
4213375
4213377
4213378
3003583
3010496
3010495
3011346
3011345
3011347
3011344
0
2.5
5
kilometers

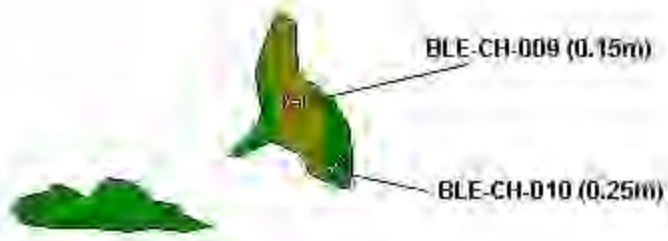
# BAG LAKE ROAD ZONE
# CHANNEL SAMPLING




LEGEND

- MASSIVE PILLOWED BASALTS
- CHLORITE/SERICITE SCHIST WITH CARBONATE ALTERATION AND QUARTZ VEINING/STRINGERS
- CHANNEL SAMPLE

**Claim 3010496**




0 5 10
metres

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

5,461,000 mN | 5,460,500 mN | 5,460,000 mN | 5,459,500 mN | 5,459,000 mN

N

DHJ-10-020

no o/c

JMM-10-058

JMM-10-055, 056, 057

JMM-10-054

DHJ-10-017

DHJ-10-018

MAM-10-031

B/D

MAM-10-029

MAM-10-030

JMM-10-048

JMM-10-050

JMM-10-051, 052, 053

**LEGEND**

- GRANITE
- GRANODIORITE
- DIORITE
- MELANOGABBRO
- PYROXENITE
- BOULDER
- RIDGE/CLIFF
- SWAMP

**3011346**

**3011347**

0 250 500

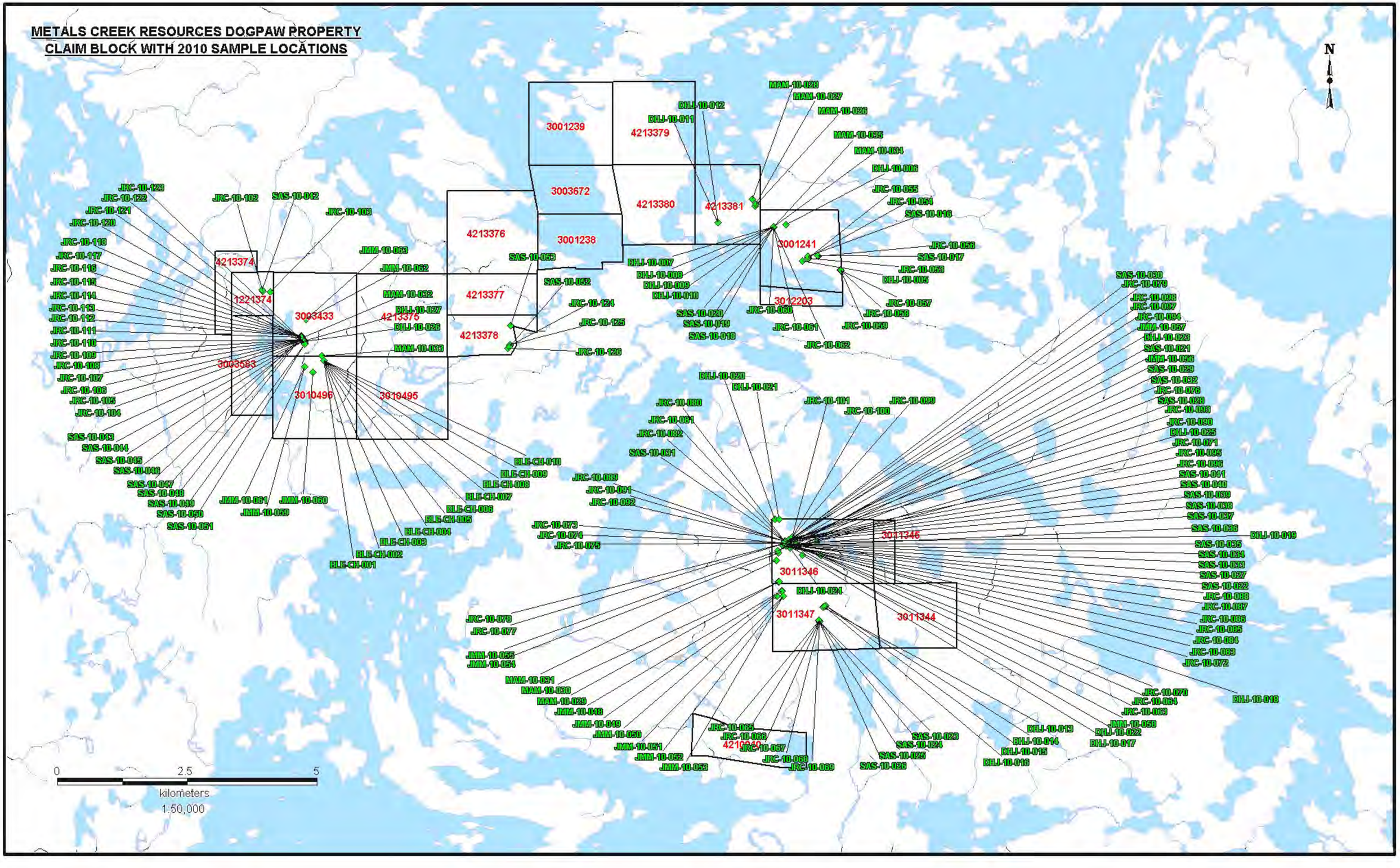
meters

TSX: MEK.V

Metals Creek Resources

| | |
|---|---|
| Date:17/5/2011 | **2010 Stephen's Lake Grid Mapping** |
| Author: J.M. | |
| Office: T.Bay | |
| Drawing: | |
| Scale: 1:2000 | Projection: UTM Zone 15 (NAD 83) |

# METALS CREEK RESOURCES DOGPAW PROPERTY
## CLAIM BLOCK WITH 2010 SAMPLE LOCATIONS



N

4213381

3001241

3012203

MAM-10-028
MAM-10-027
MAM-10-026
DHJ-10-012
DHJ-10-011
DHJ-10-006
DHJ-10-008

L0 L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17 L18 L19 L19.5 L20 L20.5 L21 L21.5 L22 L22.5 L23 L24 L25 26

**LEGEND**

- Mafic Volcanics
- Sheared Mafic Volcanics
- Intermediate Volcanics
- Diorite
- Sample Location
- Swamp
- Skidder Trail
- Portage Trail
- Boulder

TSX: MEK.V Metals Creek Resources

| | |
|---|---|
| Date:29/11/2011 | **2010 Flint Lake Grid Mapping** |
| Author: J.M. | |
| Office: T.Bay | |
| Drawing: | |
| Scale: 1:5000 | Projection: UTM Zone 15 (NAD 83) |