GEOLOGICAL REPORT

on the

McVicar Lake Project - Field Mapping Summer 2011

Patricia Mining Division,
Northwestern Ontario
N.T.S. 52-O/11SW & 52-O/12SE

for

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SUMMARY

The McVicar Lake Property, in the Patricia Mining Division, Ontario, comprises 22 contiguous claims totalling 5248 ha on the western end of the Lang Lake greenstone belt in the Uchi Subprovince. The Uchi Subprovince produced in excess of 30 millions ounces of gold primarily from Archean lode gold deposits, including the past producing Golden Patricia Mine, located approximately 30 km southeast of the McVicar Lake Property.

The dominant lithologies on the McVicar Lake Property are felsic to mafic volcanic rocks and felsic to mafic intrusions. Three major northwest-trending dextral faults crosscut the property: the Bear Head Fault, the Lower McVicar Fault and the Altered Zone Fault. Gold occurrences related to these faults include the Altered Zone, the North Flexure Zone, the Chellow Vein, the AGM Zone and the Jay Zone.

Wildcat geologists conducted a summer exploration program consisting of prospecting, channel, and soil sampling between May and September 2011. The summer exploration program focused on Shonia Lake, Sor Lake, the Chellow Vein, and Dougie Lake. Known gold mineralization occurs at Shonia, Sor, and the Chellow Vein, and channel samples from Shonia and the Chellow Vein returned favourable (up to 8.2 g/t over 1 m and 20.71 g/t over 0.15 m respectively) gold results. Prospecting south of the Chellow Vein led to the discovery of several narrow, pinching and swelling, parallel blue-grey quartz veins striking Az 300º that assayed up to 4.22 g/t Au. This discovery led to the staking of an additional claim to the south to facilitate further exploration in this area.

A drill program on the property should focus primarily on the Shonia Lake area. Exploration should also concentrate near the Chellow Vein and south to Semia Lake, where grab samples of blue-grey quartz vein assayed up to 4.22 g/t Au.

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1. INTRODUCTION

This report was prepared for Wildcat Exploration Ltd. to document work conducted during the 2011 summer field program of the 100% wholly owned McVicar Lake Property in Northwestern Ontario. Wildcat geologists initially visited the McVicar Lake Property from May 17 to June 4, 2011 and performed two follow-up visits from June 27 to July 5 and September 12 to 17, 2011. The focus of exploration in 2011 was primarily to prospect and sample throughout the property. During the field season, 247 samples, including 97 channel samples and 77 grab and chip samples were taken from quartz veins, sulphidized zones, shear zones and fractures. In addition, 73 soil samples were taken over the Shonia Zone during an orientation survey. Wildcat Exploration Ltd. is a Manitoba company with offices at #203-1780 Wellington Ave, Winnipeg, Manitoba, R3H 1B3.

Heather Kyle was the person responsible for the contents of this report under the supervision of Peter Theyer, P.Geo, Ph.D, Senior Geologist, who is classified as a "qualified person".

2. LOCATION AND ACCESS

The McVicar Lake Property is located within the Patricia Mining Division in Northwestern Ontario (NTS 52 0/11 and 0/12), approximately 370 km north-northwest of Thunder Bay, 150 km east of Red Lake and 80 km west of Pickle Lake (Fig. 2-1). The Cat Lake First Nation community is located 25 km to the northwest.

McVicar Lake is accessible by air from Pickle Lake or Ear Falls. Approximately 3 km south of the property, a winter road links Cat Lake to Pickle Lake, and a backhoe trail leads from the winter road to the eastern shores of McVicar Lake.

The main local source of service and supplies for mineral exploration needs is the Town of Pickle Lake. Other more remote sources are the towns of Ear Falls, Sioux Lookout, Red Lake and Thunder Bay. A 25 KV power transmission servicing Cat Lake is located from 3 to 5 km south-southwest of the McVicar Lake Property.

Figure 2-1: Location and access to the McVicar Lake Property (McKay 2003). Solid lines represent existing all-weather roads and dashed lines represent existing winter roads.

The McVicar Lake Property comprises 22 contiguous claims totalling 5248 ha and is wholly owned by Wildcat Exploration Ltd (Table 2-1; Fig. 2-2).

Table 2-1: List of McVicar Lake claims.

Claim Number	Size (Ha)	Recording Date	Due Date
4253201	256	Aug. 30, 2010	Aug. 30, 2012
4253202	256	Aug. 30, 2010	Aug. 30, 2012
4253203	256	Aug. 30, 2010	Aug. 30, 2012
4253204	256	Aug. 30, 2010	Aug. 30, 2012
4253205	256	Aug. 30, 2010	Aug. 30, 2012
4253206	256	Aug. 30, 2010	Aug. 30, 2012
4253207	256	Aug. 30, 2010	Aug. 30, 2012
4253208	256	Aug. 30, 2010	Aug. 30, 2012
4253209	256	Aug. 30, 2010	Aug. 30, 2012
4253210	128	Aug. 30, 2010	Aug. 30, 2012
4261480	256	May 27, 2011	May 27, 2013
4261481	256	May 27, 2011	May 27, 2013
4261482	256	May 27, 2011	May 27, 2013
4261483	256	May 27, 2011	May 27, 2013
4261484	256	May 27, 2011	May 27, 2013
4261485	256	May 27, 2011	May 27, 2013
4261486	128	May 27, 2011	May 27, 2013
4261487	256	May 27, 2011	May 27, 2013
4261488	256	May 27, 2011	May 27, 2013
4261489	256	May 27, 2011	May 27, 2013
4261490	256	May 27, 2011	May 27, 2013
4260025	128	Sept. 21, 2011	Sept. 21, 2013
Total	5248		

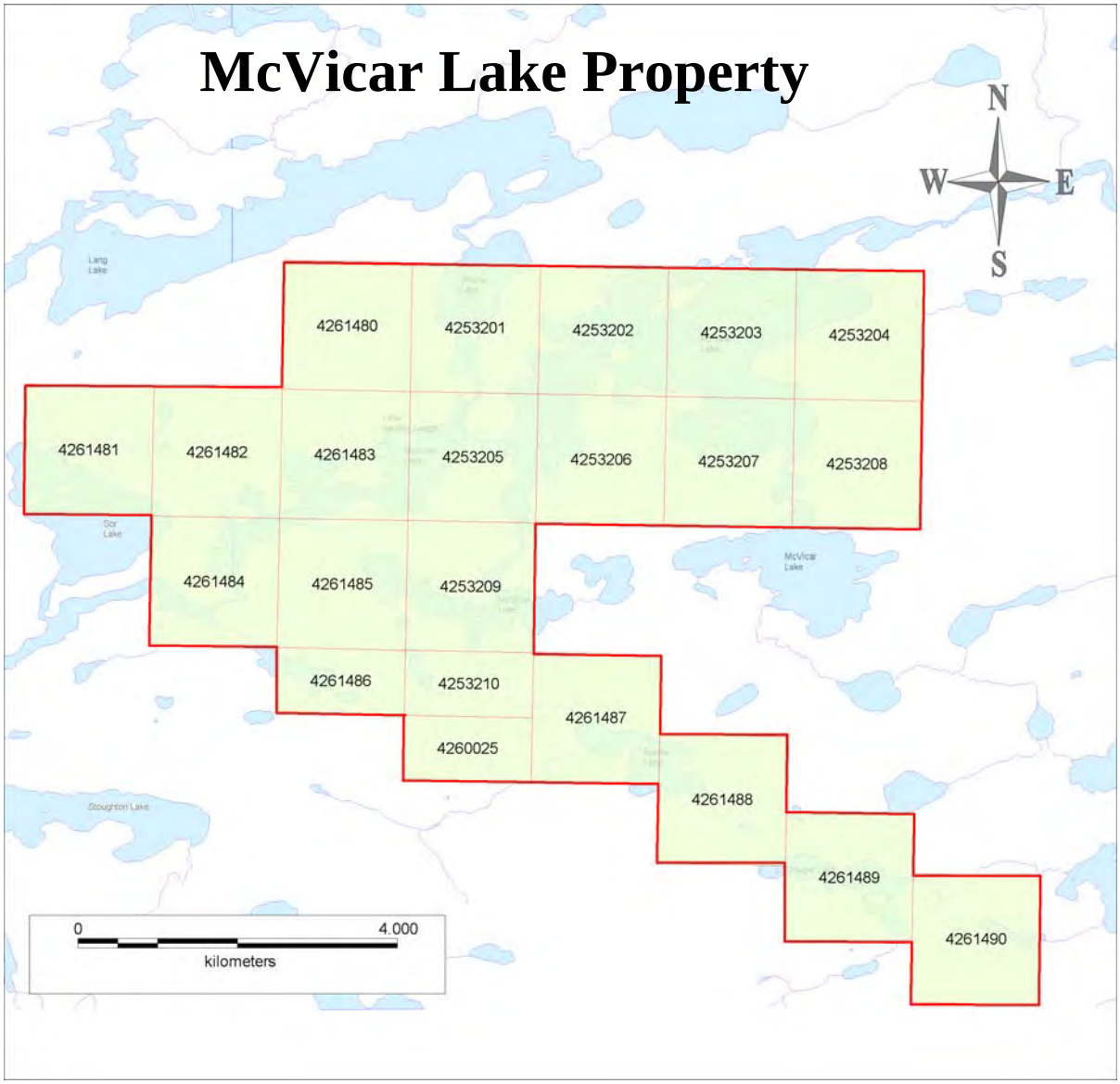

Figure 2-2: Claims of the McVicar Lake Property.

3. EXPLORATION HISTORY

Exploration began on the McVicar Lake Property in the 1920's.

Chellow Gold Mines conducted a drill program in 1950 in the Shonia tonalite; no assay results are available (OGS assessment files).

In 1959, Knew Mines stripped outcrops and drilled four holes totalling 221 m on the Altered Zone; no assay results are available (OGS assessment files).

Kenlew Mines and Pickle-Patricia Explorers discovered two quartz vein float boulders with gold assays of 68.6g/t and 137.1g/t (Hill 1986) in the Dougie Lake area. Four holes totalling 684 m were drilled up ice and intersected 1.56 g/t Au over 1 m, including a 0.25 cm quartz vein that returned 3.42 g/t Au.

Cominco and Duration Mines Ltd drilled four holes with a total of 606 m in the vicinity of Semia Lake between 1978 and 1986, but no significant gold assays were reported (OGS assessment files).

BHP began exploration in the McVicar Lake area in 1986, focusing primarily on the Altered Zone. Ninety-six holes totalling 11013 m were drilled. Some significant gold assays include 2.22 g/t Au over 8.56 m (ML-18-02), 4.95 g/t Au over 1.67 m (ML-86-18), 6.46 g/t Au over 10.09 m (ML-86-27), and 5.5 g/t Au over 3.6 m (ML-91-54).

BHP targeted the Shonia #1 occurrence in 1992; all holes drilled in the area returned gold intervals greater than 1000 ppb. The most significant concentrations were 1.44 g/t Au over 8.95 m including 11.9 g/t Au over 0.51 m (ML-92-64), 24.83 g/t Au over 1.07 m and 11.3 g/t Au over 0.61 m (ML-92-66)

An additional six holes were drilled on the Shonia Lake occurrence in 1992; significant gold intersections included 56.6 g/t Au over 0.61 m (ML-92-83) and 11.72 g/t Au over 1.52 m (ML-92-82).

In 1993, BHP drilled eleven holes totalling 1517 m to test the down dip and strike extensions of the Chellow Vein and Cliff Zone. The best assay includes 1.16 g/t Au over 0.3 m in an interval containing the Chellow Vein (ML-93-88). Holes designed to test the Cliff Zone and the lower McVicar Fault failed to intersect gold mineralization.

In 1997, McVicar Minerals Ltd drilled ten holes totalling 1200 m to test the Sor Lake Sill, the Jay Zone, and possible sulphide facies iron formation. Grab samples in the Sor Lake area assayed between 2 and 23.3 g/t Au; the only mineralized hole returned 1.65 g/t Au over 2.5 m.

In 2003, Eveleigh Consulting conducted extensive overburden stripping and channel sampling focused on known gold occurrences for Continuum Resources Ltd and Prospector

Consolidated Resources Inc (McKay 2003). The best holes drilled by BHP were targeted with seven holes yielding similar results.

Wildcat Exploration Ltd staked 10 claims in August 2010 and an additional 11 claims in May 2011 in the McVicar Lake area.

An airborne magnetic and radiometric survey was flown by Geo Data Solutions for Wildcat Exploration Ltd in July 2011.

4. GEOLOGICAL SETTING

4.1 Regional Geology

The McVicar Lake Property is located on the western margin of the Lang Lake greenstone belt (LLGB) in the Uchi Subprovince of the Archean Superior Province (Fig. 4-1). The LLGB has been tectonically detached from the Meen-Dempster greenstone belt (MDGB) to the south along the Bear Head Fault Zone (BHFZ), a NW striking dextral mega structure that extends from near the Manitoba border to 60 km southeast of the McVicar Lake Property (Fig. 4-1) (Sage and Breaks, 1982).

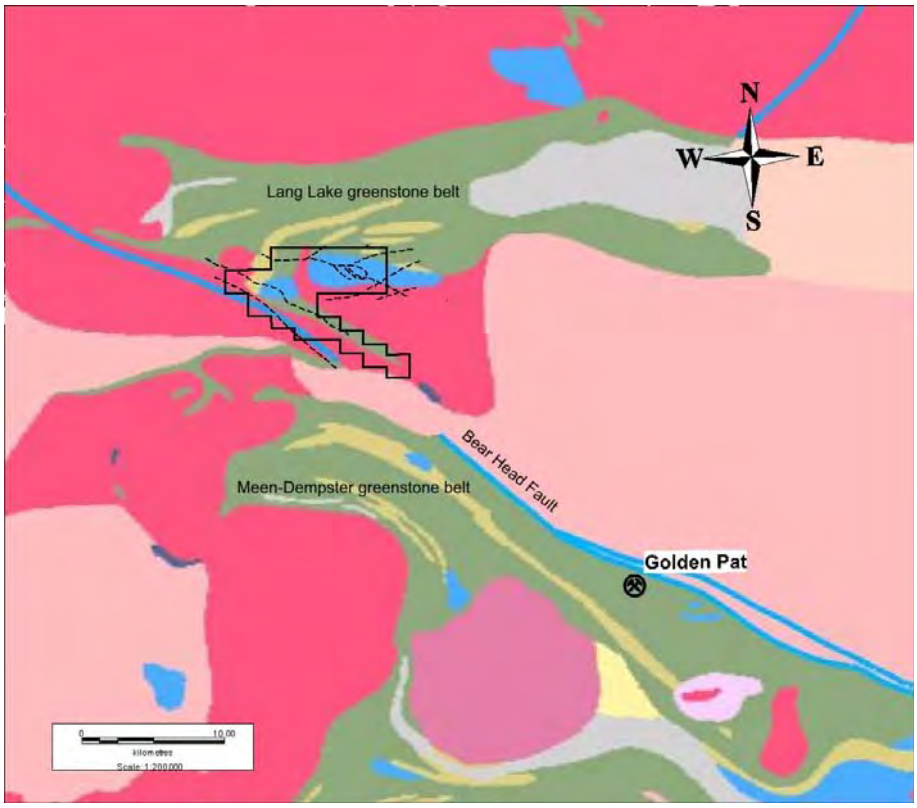

Figure 4-1: Regional geology of the Meen-Dempster and Lang Lake greenstone belts. Dashed black lines represent major structures on the McVicar Lake Property, which is outlined in black (modified after Ontario Geological Survey, 2011).

The LLGB forms a syncline with a roughly east-trending axial plane plunging east. The west and southwest margin of the belt are in direct contact with the Bear Head Fault Zone. The McVicar Lake Property covers a significant portion of this contact zone. Three important related regional faults occur in the region: the Bear Head Fault, the Lower McVicar Fault and the Altered Zone Fault (Figs. 4-1 and 4-2).

Numerous gold occurrences have been discovered in the LLGB, but there is no past producing mine or deposit with a proven resource. The MDGB to the southeast includes known deposits such as Umex-Dorothy Lake and the Dobie Zone, with a reserve of 236 220 t grading 6.17 g/t Au and an inferred resource of 301 000 0 grading 5.5 g/t Au respectively (OGS Open File Report 5869), hosted in mineralized shear zones and quartz veins sub-parallel to the Bear Head Fault. The past producing Golden Patricia Mine, approximately 30 km southeast of the McVicar Lake Property, produced 619 796 oz of gold from 1 216 165 t grading 0.5 oz/ton Au between 1988 and 1996. Gold in the Golden Patricia Mine is hosted in a 2 cm to 2 m wide, laterally continuous, dense, cherty grey quartz vein in sheared mafic volcanic rocks similar to the smaller Chellow Vein on the McVicar Lake Property.

4.2 Local Geology

The McVicar Lake Property consists primarily of felsic to mafic metavolcanic rocks, felsic to mafic intrusions, and iron formation (Fig. 4-2). The supracrustal rocks are weakly to intensely foliated and have been affected by greenschist to locally lower-amphibolite grade metamorphism. Several phases of deformation have affected the entire LLGB, as indicated by complexly intersecting and interacting faults, shears, and folds throughout the property.

Rocks underlying the McVicar Lake Property comprise Archean supracrustal volcanic rocks of the Confederation Assemblage (2749 +/- 5 Ma) (Scott and Corfu, 1991). Massive to pillowed tholeiitic basalt and andesitic flows are overlain by calc-alkaline felsic to dacitic pyroclastic rocks and metasedimentary rocks, consisting of wackes with intercalated banded iron formation. The supracrustal rocks are intruded by an elongated mafic stock or sill oriented parallel to the overall trend of the Lang Lake greenstone belt, which is crosscut by smaller, late tonalitic intrusions. This rock assemblage is intruded by the Dobie Lake batholith and other smaller felsic intrusions (Fig. 4-2; Waldie, 1993).

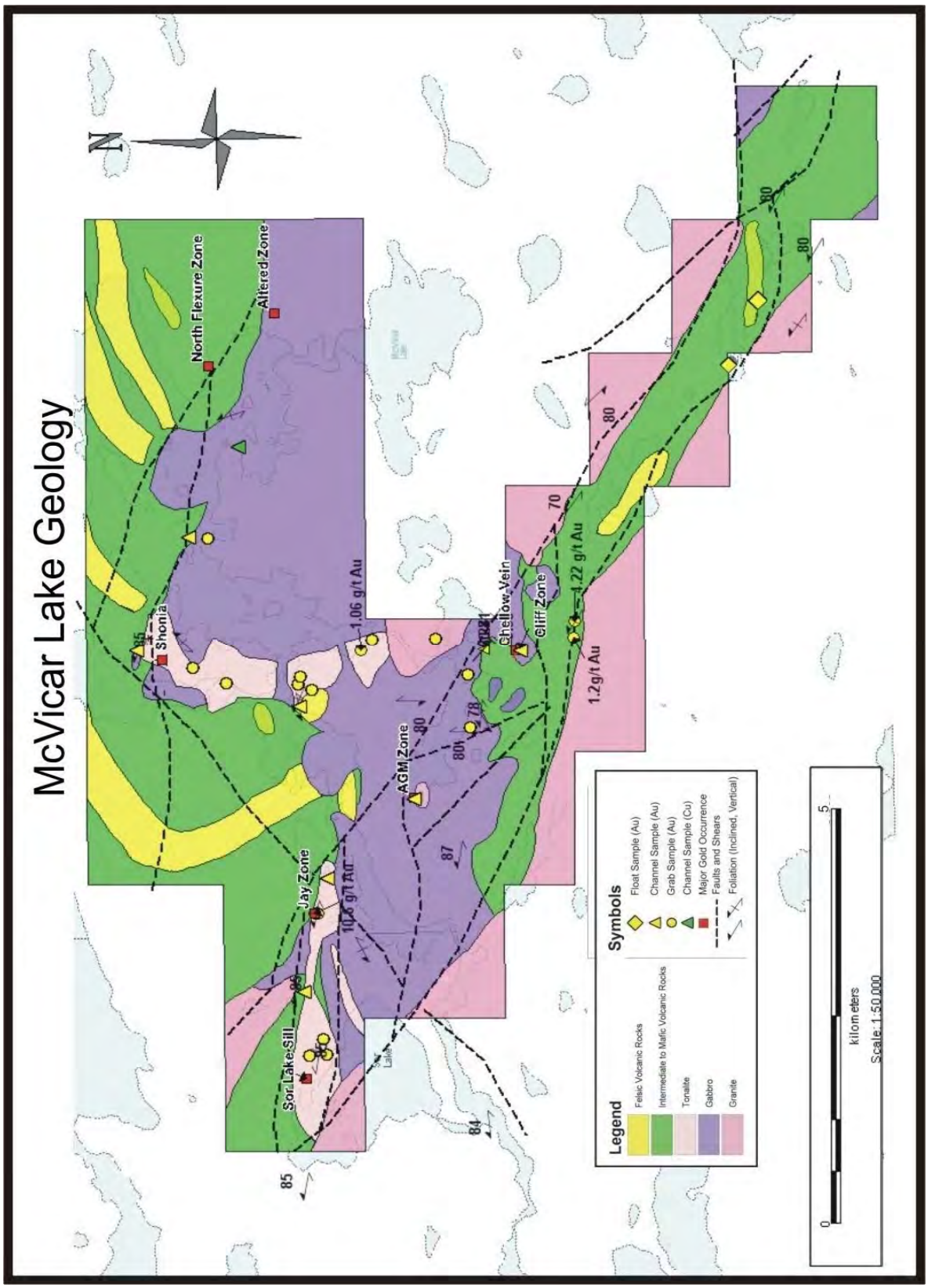

Figure 4-2: Geology of the McVicar Lake Property (modified after McKay, 2003).

Sigmoidal “S” folds and slip faults are observed in the supracrustal rocks between the Bear Head and Lower McVicar faults. This suggests a dextral kinematic for both faults (Fummerton 1997). Many significant gold occurrences and prospects are structurally coincident with these faults, including the Chellow Vein, the AGM Zone, the Jay Zone and the Sor Lake Sill. The property is also crosscut by the Altered Zone Fault, a well-known shallow dip northwest-southeast structure that contains several significant gold drill intersections, up to 6.46 g/t Au over 10.09 m incl. 29.86 g/t Au over 1.86 m (Altered Zone) and 5.5g/t Au over 3.6m (North Flexure Zone).

5. PROPERTY MINERALIZATION

In the McVicar Lake Property, there are three main types of gold occurrences (Fig. 5-1): (1) altered late tonalitic intrusions (e.g., Shonia and the Sor Lake Sill), (2) discrete quartz veins (e.g., Chellow Vein), and (3) mineralized shear zones (e.g., the Altered Zone and the North Flexure Zone). Much of the gold mineralization is associated with the Altered Zone Fault and the Lower McVicar Fault, two NW-trending major structures in the region.

Within altered late tonalitic intrusions, gold mineralization occurs primarily in narrow veins striking northeast and dipping southeast. Most auriferous veins are 5 cm wide or less and contain up to 80% pyrite. Within the Shonia felsic intrusion, visible gold is present in quartz veins in drill core, and gold is strongly correlated with pyrite content. Gold mineralization is distributed along the entire length of drill holes, but high grade gold assays are associated with pyritic quartz +/- Fe-carbonate veinlets. Low grade economic to sub-economic intervals are also noted in strongly potassium altered tonalite with pyritic quartz stringers. The best historical low grade intersections include 1.77 g/t Au over 7.06 m and 0.65 g/t Au over 12.11 m (EV-03-04) and 1.44 g/t Au over 8.95 m including 11.9 g/t Au over 0.51 m (ML-92-64). High grade concentrations include 56.5 g/t Au over 0.61 m (ML-92-64) and 11.72 g/t Au over 1.52 m (ML-92-82) (Fig. 5-2). The composition, alteration, age, and mineralization of the Sor Lake Sill are similar to that of Shonia. Gold occurs primarily within narrow, pyritic quartz +/- Fe-carbonate veins hosted in locally sheared and strongly fractured, pervasively altered and pyritized tonalitic outcrops (McKay, 2003). Gold concentrations in 53 channel samples of the Sor Lake Sill vary from 5 ppb to 2.27 g/t Au over 3.0 m (Fig. 5-2; McKay, 2003). Gold also occurs within altered tonalitic rocks in the absence of quartz veins and in association with 2 to 3% disseminated, coarse to very coarse grained, euhedral pyrite. Significant gold concentrations in channel samples were up to 8.83 g/t Au over 1.0 m were returned in a weighted average interval of 4.52 g/t over 3.0 m. Other concentrations include 1.84 g/t Au over 6.0 m and 1.51 g/t Au over 3.0 m. Gold mineralization also occurs at the nearby Jay Zone, a narrow shear zone approximately east-striking in discontinuous, boudinaged quartz +/- Fe-carbonate veins containing local pyrite and chalcopyrite mineralization. Channel samples intersected up to 24.99 g/t Au over 0.5 m (Fig. 5-1), but a drill hole failed to intersect gold mineralization at depth.

Several discrete, gold-bearing quartz veins occur on the southern claims of the McVicar Lake Property. The Chellow Vein is a smoky grey to white, northwest-striking, steeply dipping, pinch and swell quartz vein with a strike length of at least 200 m and a depth of at least 135

m hosted in relatively unaltered, massive to weakly foliated mafic volcanic rocks and gabbro (Waldie, 1993). The vein remains open along strike and at depth. Mineralization comprises pyrite, chalcopyrite and sphalerite; gold generally occurs in a free state. Channel samples across the vein returned an average concentration of 28.8 g/t Au (Fig. 5-1), including high grade concentrations of 578.1 g/t, 533.5 g/t, and 412.5 g/t Au (Waldie, 1993); these high concentrations are speculated to be due to the nugget effect. A second 5 cm wide quartz vein, approximately 50 km south of the Chellow Vein, pinches and swells and strikes approximately northwest. A channel sample of this vein returned 70 g/t Au over 0.20 m (Waldie, 1993). Both veins have physical and structural similarities with the past producing Golden Patricia Mine to the southeast, and both are located between dextral structures controlled by the regional Bear Head Fault.

A 40 cm wide quartz vein with up to 40% pyrite and minor chalcopyrite was discovered on the south shore of Lower McVicar Lake, west of the creek to Semia Lake trends similarly to the Chellow Vein, but no further relationship between the two veins has been established. Four samples from the vein returned an average concentration of 1.5 g/t Au, including an assay of 2.76 g/t (Fig. 5-1).

Intensely altered shear zones are the third main source of mineralization; both the Altered Zone and the North Flexure Zone host this type of mineralization. Within the Altered Zone, mineralization is localized within intensely sheared and altered gabbro and/or mafic volcanic rocks, containing weakly deformed intermediate intrusive rocks and boudinaged quartz veins. Syntectonic alteration comprises quartz, sericite, chlorite, carbonates, iron carbonates and locally apple green mica (fuchsite?). Mineralization comprises pyrite, chalcopyrite, arsenopyrite and trace gold. Gold occurs mainly as inclusions in pyrite, but free gold occurs in places along the vein margins. At depth and to the east, the Altered Zone becomes a narrow shear zone without significant alteration or mineralization. Along strike and at depth, gold mineralization is discontinuous and highly variable. The best drill intersection is 6.46 g/t Au over 10.09 m including 29.86 g/t Au over 1.86 m (Fig. 5-2).

The North Flexure Zone is a continuation of the Altered Zone formed in a dilation zone caused by regional northwest compression (Osmani, 1989). The lithology, alteration, and mineralization styles are similar to those of the Altered Zone, but an increase in pyrite content (up to 30%) is noted in some intervals. The best gold assays are within these high sulphides zones, in which ML-91-54 returned 5.5 g/t Au over 3.6 m including 12.2 g/t Au over 0.98 m (Fig. 5-2). The North Flexure Zone is open to the west, under McVicar Lake.

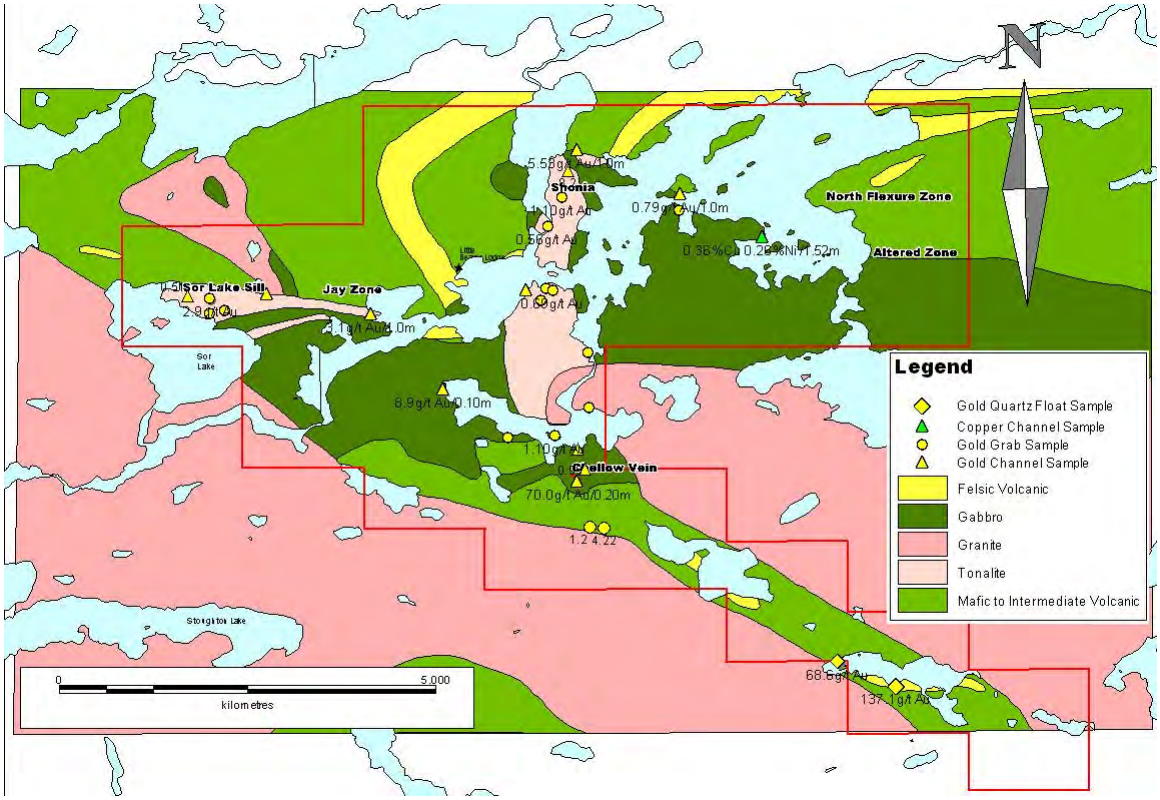

Figure 5-1: Gold and copper surface showings on the McVicar Lake Property (modified after McKay, 2003; Waldie, 1993).

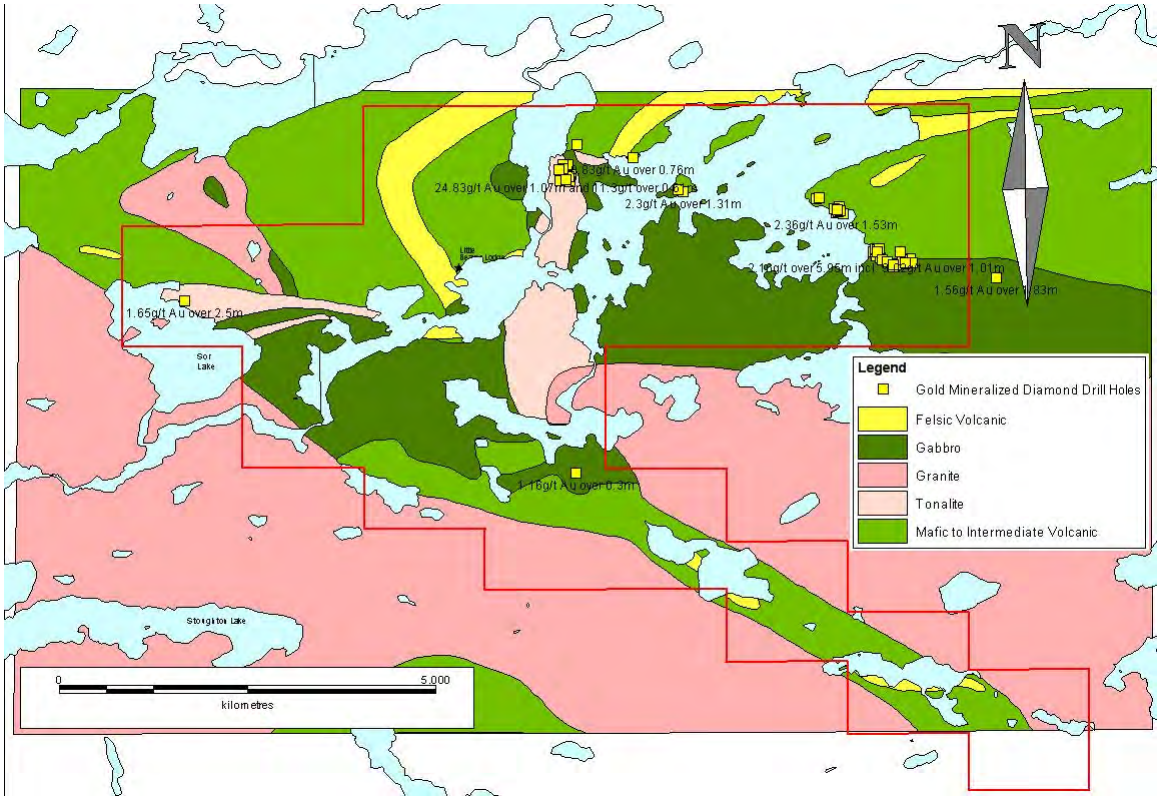

Figure 5-2: Gold mineralized diamond drill holes on the McVicar Lake Property (modified after McKay, 2003; Thomas, 1987; Thomas, 1988; Waldie, 1993).

6. EXPLORATION

6.1 Claim Staking

An initial block of 10 contiguous claims totalling 2432 Ha was staked by Mr James Buckner on behalf of Wildcat in August 2010 (Fig. 6-1). In May 2011, Mr Buckner staked an additional 11 claims totalling 2688 Ha to the west and to the southeast of existing claims (Fig. 6-1). Based on grab samples of blue-grey quartz with up to 4.22 g/t Au, Wildcat geologists staked one 128 Ha claim in September 11. Currently, the McVicar Lake Property consists of 22 contiguous claims totalling 5248 Ha (Fig. 6-1).

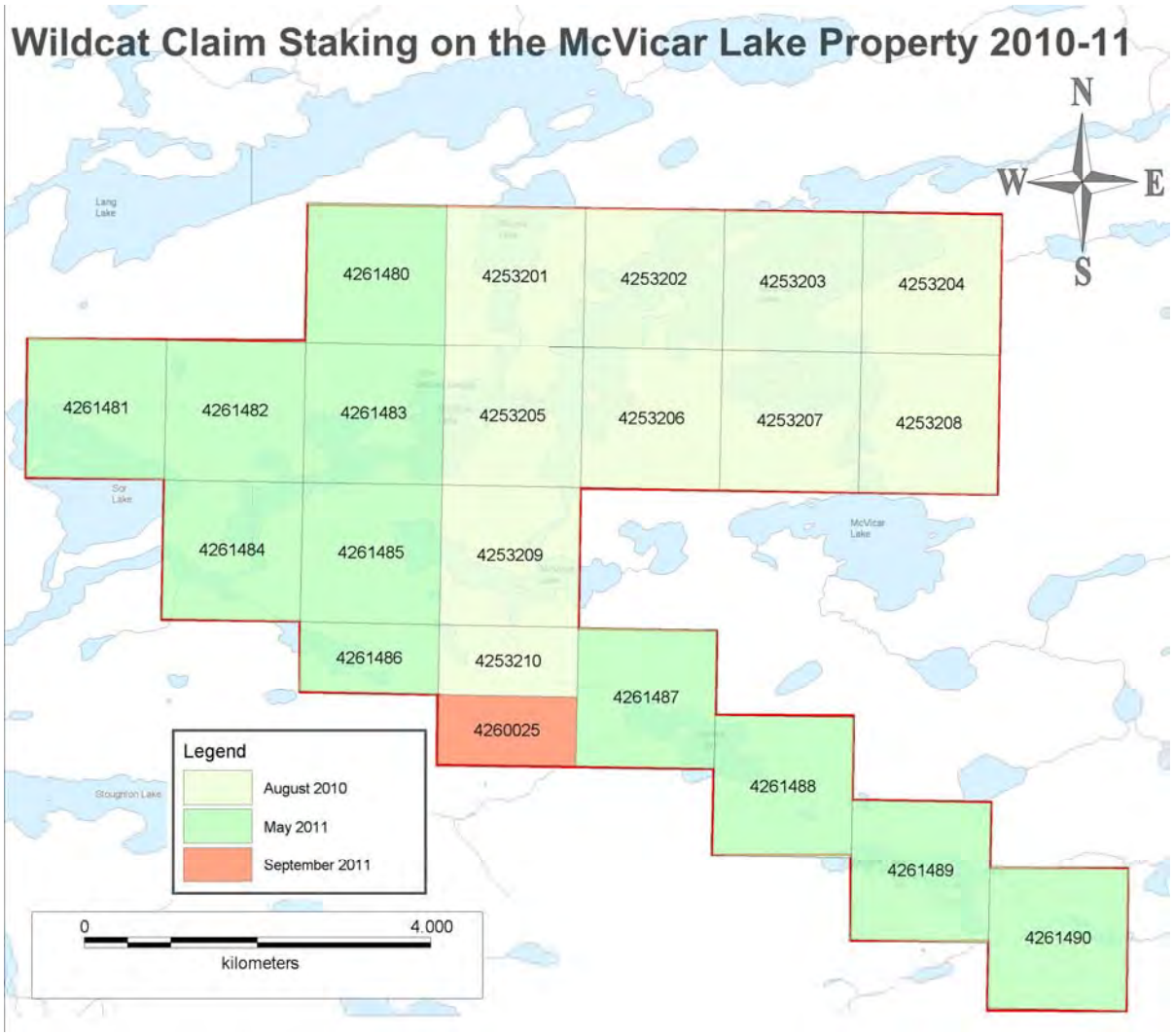

Figure 6-1: History of claim staking by Wildcat on the McVicar Lake Property.

6.2 Fieldwork

Wildcat geologists initially visited the McVicar Lake project area from May 15 to June 3, 2011. This was followed up by two additional visits to the property: from June 28 to July 4, 2011, and from September 12 to 17, 2011.

Prospecting was focused in four areas (Fig. 6-2): (1) Shonia, (2) Sor Lake, (3) Chellow Vein, and (4) Dougie Lake. Several islands west of the Altered Zone were briefly visited, and the area around Semia Lake, between the Chellow Vein and Dougie Lake, was also explored. A total of 470 geological stations were recorded during the 2011 summer exploration program at McVicar Lake (Fig. 6-3; Appendix A).

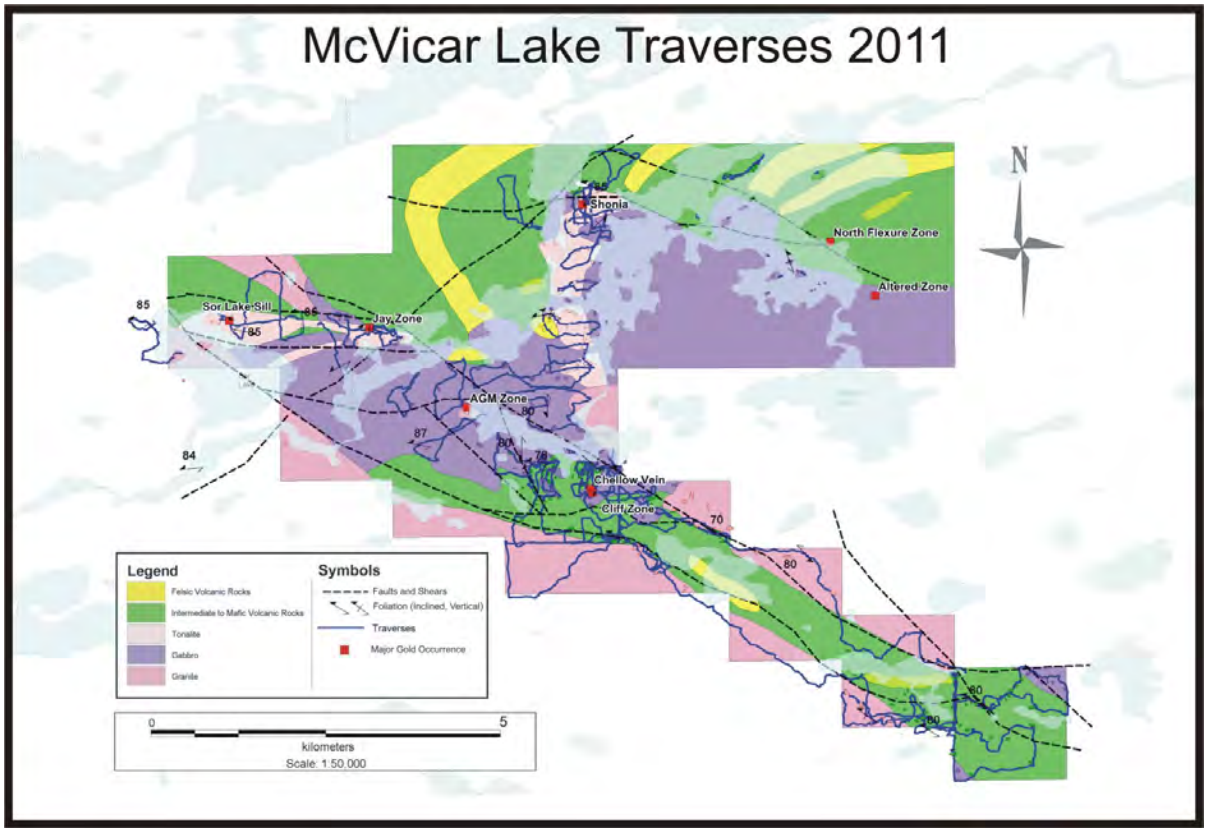

Figure 6-2: Traverses on the McVicar Lake Property during the summer 2011 field season (geological map modified after McKay, 2003).

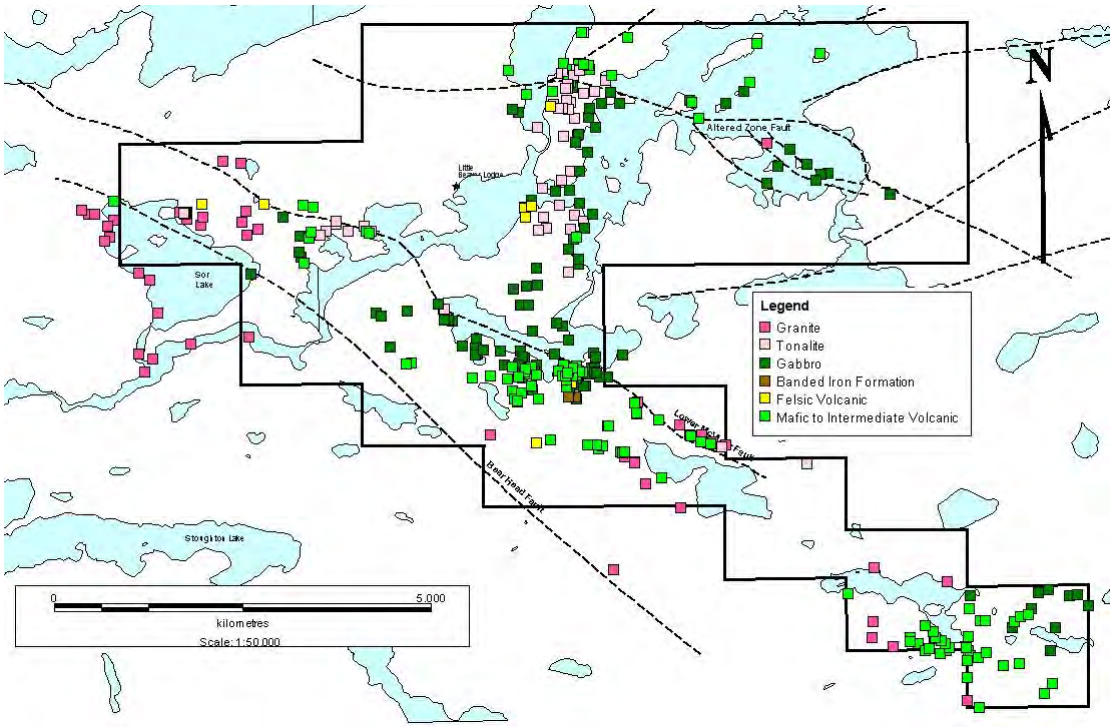

Figure 6-3: Geology at stations recorded during prospecting on the McVicar Lake Property during the summer 2011 field season.

6.2.1 Shonia

The Shonia Lake tonalite intrusion has the potential to host low grade, bulk tonnage gold mineralization, so much of the 2011 field season was focused on the Shonia Lake area. The focus of exploration in the area was to test the orientation of auriferous quartz veins hosted in sheared, fractured, and altered tonalite. In addition to regional traverses, extensive detailed work, including channel sampling, detailed mapping of quartz veins, and soil sampling was completed in the vicinity of the area stripped for Continuum Resources Ltd. and Prospector Consolidated Resources Inc. in 2003.

Approximately 80 staggered channel cuts on approximately 50 m intervals were cut over the Shonia Lake tonalite perpendicular to northeast striking quartz veins along two roughly parallel northwest trending lines. Most of the channel samples crosscut white or rusty pyritic quartz veins hosted in rusty to slightly rusty tonalite. Quartz veins contain up to 5% disseminated or blebby pyrite, and tonalite may contain up to 2% disseminated sulphides, mainly pyrite. All channel samples were assayed for gold and silver, and the best assay results obtained from channel samples on Shonia are 8.2 g/t Au over 1 m (sample 444820), 2.57 g/t Au over 1 m (sample 444619), 1.99 g/t Au over 1 m (sample 444806), 1.68 g/t Au over 1 m (sample 444805), and 1.58 g/t Au over 1 m (sample 444855).

Quartz veins mapped in detail on the hydraulically stripped Shonia outcrop tend to be oriented in three main directions: (1) northeast-striking (Az 028º to Az 065º) and dipping 60º to 80º, mainly to the east, (2) approximately north-striking (Az 350º to Az 010º), dipping 50º to 75º, and (3) east to southeast-striking (Az 085º to Az 195º) dipping both northeast and

southwest from 45º to 90º. The results from the detailed mapping are summarized in Appendix B. All three orientations have auriferous and non-auriferous veins, but the best gold concentrations (samples 444820 and 444619) strike northeast. Gold is commonly associated with pyritic quartz veins but the best gold assays do not have associated pyrite. Based on detailed mapping, the Shonia Lake area can be divided into three domains separated by two major east-west trending structures that parallel the Altered Zone Fault to the north. Gold bearing quartz veins are between and oblique to these major structures, striking north to northeast and dipping mainly to the southeast.

An orientation soil geochemical survey was conducted in the area surrounding the stripped Shonia Lake outcrop (Fig. 6-4; Appendix C). The purpose of this sampling was to attempt to extend the area of gold mineralization and to determine if soil sampling is a viable exploration tool in drift-covered areas of the property. Anomalous gold concentrations may be related to ice directions, which are Az 088º and Az 064º on the property. The A, B, and C horizons were sampled at 25 m intervals along three 400 m north-south lines at 100 m line spacing. The A horizon is black and organic rich. The B and C horizons, which consist of grey coarse sand and orange-brown medium sand respectively, were sent for multi-element analysis. Concentrations of up to 13.1 ppb Au and 44.6 ppm Cu occur in the B horizon. In the C horizon, gold concentrations are up to 124.0 ppb and copper concentrations are up to 91.7 ppm. Gold concentrations appear to be more strongly correlated with As concentrations in the C horizon than in the B horizon. During soil sampling, a sample of rusty tonalite with pyrite crystals up to 0.3 cm was taken and returned 0.27 g/t Au.

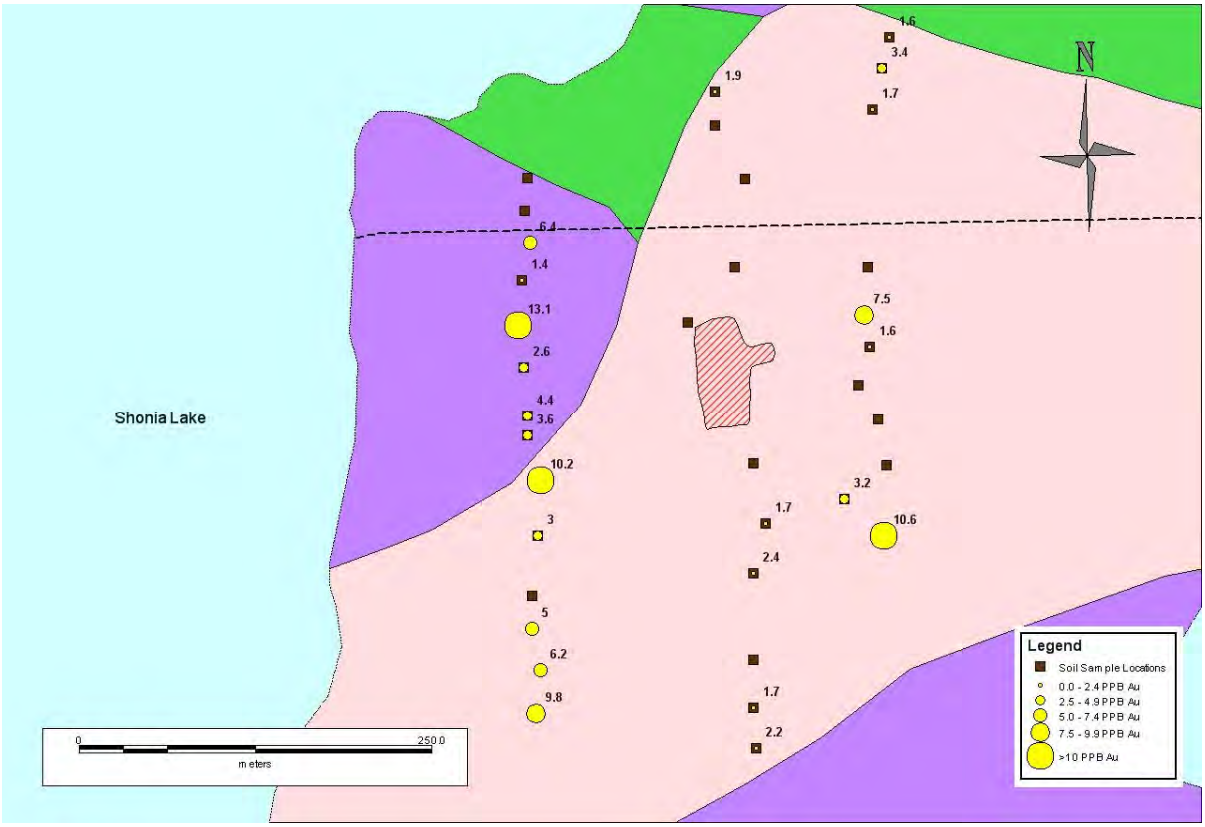

Figure 6-4: Soil sample locations near the Shonia gold occurrence, including gold concentrations from the B soil horizon.

To extend the mineralized zone in the Shonia area, regional traverses were conducted during the 2011 field season (Fig. 6-2). Five grab samples were collected south of McVicar Lake in the Shonia Lake area and assayed for gold and silver; one sample returned 1.2 g/t Au, but no other significant results were returned from the area. Seven grab samples were obtained from the northern Shonia Lake area returned no significant gold assays. Attempts to prove an extension of the zone of mineralization west of Shonia Lake were unsuccessful due to a lack of exposure in the region.

6.2.2 Sor Lake

The Sor Lake Sill tonalitic rocks are similar in age to the Shonia Lake tonalite, so the Sor Lake area was a focus of exploration during the 2011 field season. Continuum Resources Ltd. stripped a 100 m^2 area in 2003. Exploration in 2011 included prospecting and regional traverses north, east, and west of the stripped area, channel sampling, and detailed mapping of the stripped area.

The hydraulically stripped area of the Sor Lake Sill is thought to consist of two discrete geological domains separated by an east-trending shear. The northern domain only was sampled during the 2011 field season. Thirteen 1 m channel samples were cut perpendicularly to quartz veins and assayed for gold, silver, copper, zinc, and lead (Appendix

D). Quartz veins are hosted by sheared, rusty tonalite and contain up to 5% sulphides, including pyrite, pyrrhotite, and minor arsenopyrite. The best assay (sample 444522) returned 0.51 g/t Au, 0.9 g/t Ag, and 84 ppm Cu. None of the remaining samples returned greater than 0.5 g/t Au, but samples 444513, 444517, and 444524 returned 1.3 g/t Ag, 1.9 g/t Ag, and 4.9 g/t Ag respectively. Silver-bearing samples are rusty with pyrite along fractures and in cavities at the edge of quartz veins.

Remarkable is the presence of several, well preserved subvertical to vertical, subrounded to rounded pipe shaped channels in places partially to completely filled with fragile euhedral to subhedral quartz and carbonate crystal aggregates and sintered iron oxide crusts. These objects were interpreted to be exceptionally well preserved remnants of an Archean exhalative event.

Regional traverses and prospecting conducted in the Sor Lake area (Fig. 6-2) showed that the western shore of Sor Lake consists of granite. Three grab samples of steeply-dipping, east-trending quartz veins with K-feldspar in granite were assayed; no significant results were returned. Approximately 2 km east of the Sor Lake stripped area, a second stripped area, the Jay Zone, was also prospected. The area surrounding the Jay Zone consists mainly of sheared, rusty tonalite and intermediate volcanic rocks. Outcrops of the Jay Zone proper display several centimetre thick, intensely sheared zones in which the original tonalite is comminuted and reduced to an aphanitic, glassy aggregate containing elongated millimetre thick tendrils of tonalite melt. These ribbon shaped bands were interpreted to be pseudotachylytes reflecting the intensity of the adjacent shear.

Figure 6-5: Pseudotachylyte exposed at the Jay Zone. Note elongated tonalite "tendrils" interpreted as representing tonalite that was melted and dragged into the shear zone.

Two quartz veins and disseminated sulphides in intermediate volcanic rocks and four quartz veins in tonalite were assayed for gold and silver; sample 444509 returned 0.24 g/t Au, but no other significant results were returned. An additional three samples were taken on the Jay Zone outcrop of rusty quartz veins and sulphides in sheared tonalite. Results from the Jay Zone include 2.71 g/t Au, 65.8 g/t Ag and 2.54% Cu from sample 444928, 10.6 g/t Au, 10.9 ppm Ag and 4193 ppm Cu from sample 444930, and 1.17 g/t Au, 3.6 ppm Ag, and 1179 ppm Cu from sample 444929.

6.2.3 Altered Zone

During the 2011 field season, prospecting on the Altered Zone was limited due to extensive previous work by other companies (*e.g.*, BHP-Utah Mines Ltd). Islands to the west of the Altered Zone were visited; underlying rocks consist primarily of gabbro and intermediate volcanic rocks. Gabbro is fine to medium grained and massive to weakly foliated; foliation varies from Az 248º to Az 340º with near vertical dips. One grab sample of a quartz vein, possibly containing fuchsite, hosted in gabbro was taken from the Altered Zone Islands, but no significant assay results were returned. Intermediate volcanic rocks in the area are east of

gabbro, massive, with trace disseminated pyrite. One grab sample of a quartz vein in andesite was taken; no significant assay results were returned.

6.2.4 Dougie Lake

A fly camp on the eastern shore of Dougie Lake was established to allow for prospecting on the southeastern claims of the McVicar Lake Property. Prospecting took place from June 29 to July 1, 2011. Lithologies consist of granite southwest of Dougie Lake, sheared intermediate to mafic volcanic rocks south and southeast of the lake, and gabbro east of the lake (Fig. 6-2). Iron staining is common throughout volcanic rocks. Fourteen grab samples of white to smoky grey quartz veins and lenses were taken, and no significant assays were returned.

The northern shore of Dougie Lake was visited briefly, but was largely not prospected in 2011 due to the poor exposure and lack of accessibility. South and east of Dougie Lake, the dominant structures strike from Az 290º to Az 315º, which is parallel to the Lower McVicar and Bear Head Faults. There is evidence for dextral motion along shears in the Dougie Lake area.

6.2.5 Chellow Vein

A large area that includes the Chellow Vein at surface was stripped in 2003 by Continuum Resources Ltd. During the 2011 field season, Wildcat geologists took eight channel samples of the Chellow Vein and the surrounding wall rock (Appendix D). Significant assay results include 20.71 g/t Au and 4.2 g/t Ag over 0.15 m (sample 444865), 6.28 g/t Au over 0.28 m (sample 444868), and 0.99 g/t Au over 0.8 m (sample 444871).

The Chellow Vein consists of a narrow, pinching and swelling, blue-grey quartz vein striking Az 300º and hosted in sheared gabbro and intermediate to mafic volcanic rocks. Near the vein, an intrusion breccia is observed which includes fragments of gabbro. Within 50 m of the vein, the proportion of disseminated sulphides, mainly pyrite with minor pyrrhotite, increases. In the vicinity of the Chellow Vein, sericite, chlorite, epidote, and potassic alteration are present, and the vein appears to be offset by an oblique late shear striking Az 145/85ºS. Several thin (2 to 5 cm) blue-grey quartz veins also occur in the area; these veins are sub-parallel to the Chellow Vein, pinch and swell, and are generally discontinuous.

West of the Chellow Vein, prospecting took place to attempt to extend the Chellow Vein westward on surface. This area consists of gabbro and mafic to intermediate volcanic rocks and is structurally complex. At least three directions of veining occur in this area: Az 320º, Az 085º, and Az 005º. A shear also occurs and is striking Az 270º. An intrusion breccia, similar to that at the Chellow Vein, is also present to the west. However, no blue-grey quartz was observed. A grab sample collected from a rusty, sheared mafic volcanic rock including up to 5% pyrite and pyrrhotite along fractures returned 2464 ppm Cu.

Approximately 750 m south of the Chellow Vein and 600 m west of Semia Lake, two grab samples (samples 444629 and 445030) of smoky grey quartz in intermediate to mafic

volcanic rocks returned 4.22 g/t Au and 1.2 g/t Au respectively. Sample 444629 consists of a 2 to 5 cm wide, pinching and swelling quartz vein, hosted in intermediate volcanic rocks striking Az 300/90º. Sample 445030 is a quartz lens approximately 10 cm by 5 cm, hosted in pillowed mafic volcanic rocks. Smoky quartz in the area appears to occur as part of pillow selvedges or as pillow cores, as well as fracture fill quartz gashes throughout the outcrop. A 16 Ha claim was staked immediately south of these two samples to allow for further exploration.

6.3 Airborne Geophysics

A helicopter-borne magnetic and spectrometric geophysical survey was flown for Wildcat by Geo Data Solutions Inc on June 11 and 12, 2011 (Appendix E). Traverses were oriented in a southerly direction at 100 m intervals and tie lines were east-striking at 500 m intervals. The total distance flown over the McVicar Lake Property was 711 km (St-Hilaire, 2011).

Wildcat geologists interpreted the magnetic first vertical derivative (Fig. 6-6) and the potassium concentration (Fig. 6-7) data to find major structures and other potential areas to focus on for future exploration. Based on these interpretations, 24 potential targets were chosen, evaluated, and ranked (Figs. 6-6 and 6-7; Table 6-1). Ranking was based on the structural setting, host rock, proximity to known occurrences, magnetic response, radiometric response, and accessibility.

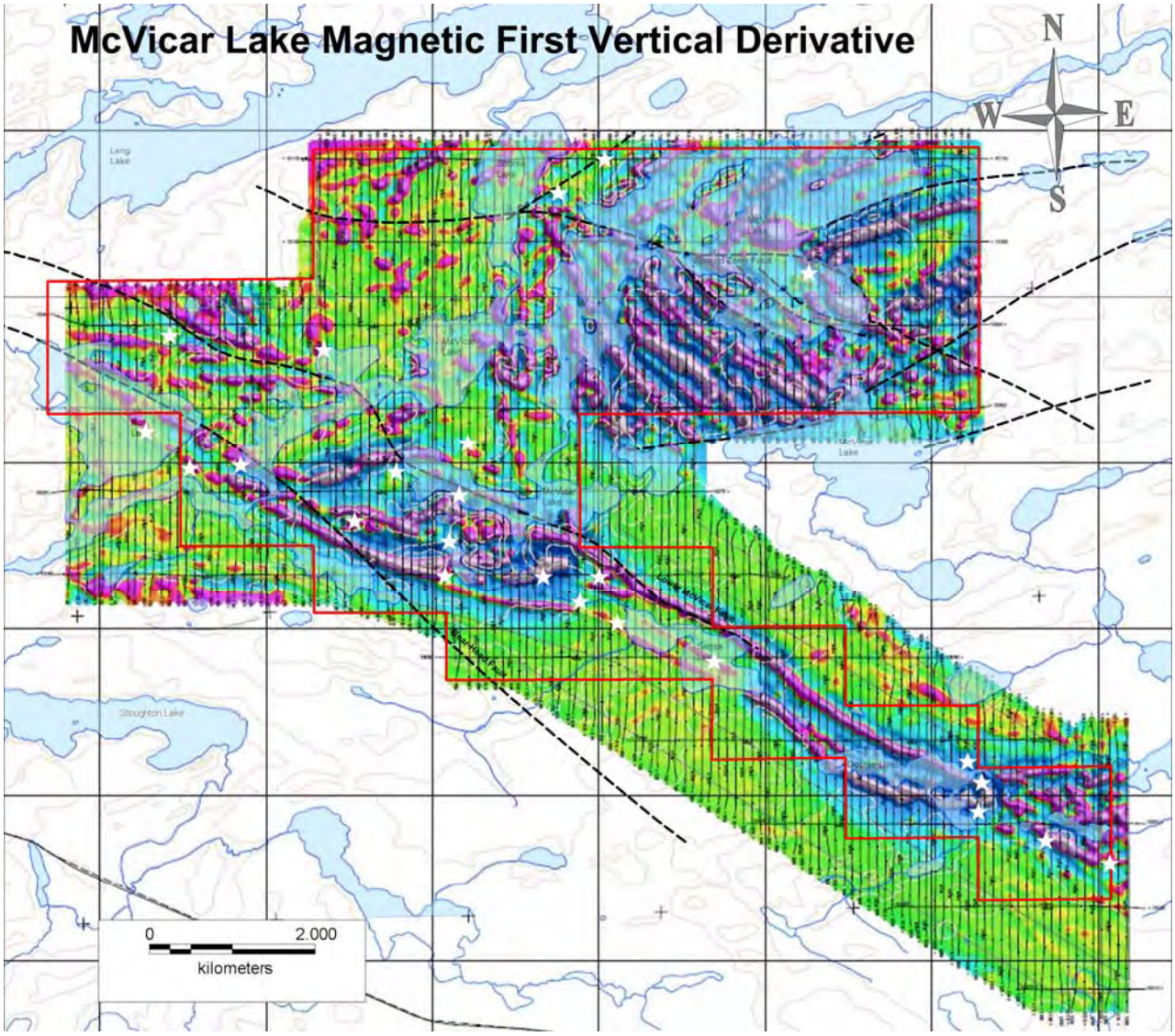

Figure 6-6: Magnetic first vertical derivative of the McVicar Lake Property, derived from a helicopter-borne survey flown by Geo Data Solutions in July 2011. White stars indicate targets selected based on the interpretation of magnetics and radiometrics.

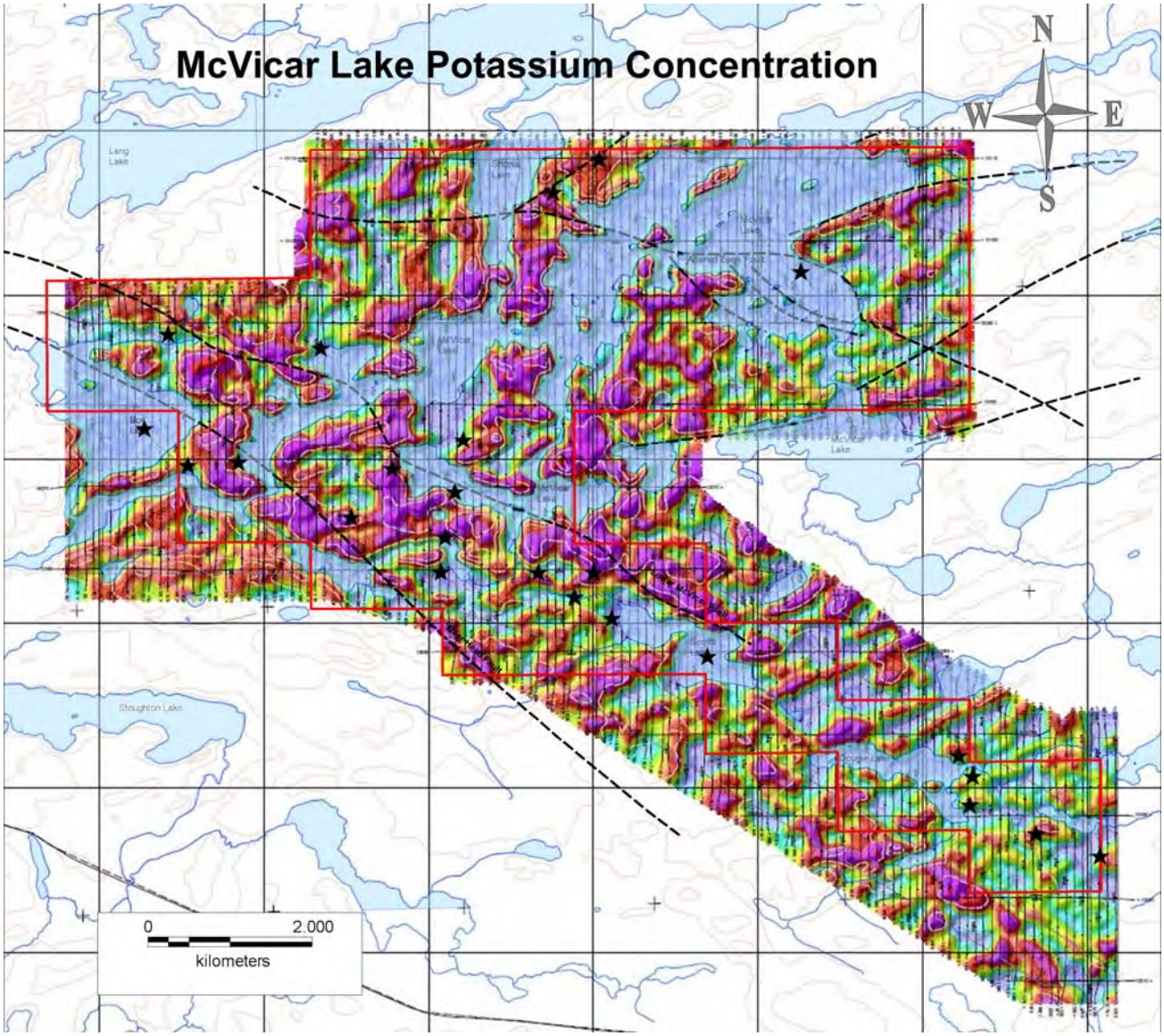

Figure 6-7: Potassium concentrations of the McVicar Lake Property, derived from a helicopter-borne survey flown by Geo Data Solutions in July 2011. Black stars indicate targets selected based on the interpretation of magnetics and radiometrics.

Table 6-1: Targets on the McVicar Lake Property based on the interpretation of geophysical data.

Target #	***Easting***	***Northing***	***Ranking***	***Comments***
1	602560	5712370	11	Shear intersection; Granitic host rock; >300 m from a known showing; Low radiometric response; High magnetic response; Located in a lake
2	602850	5713520	5	Shear intersection; Volcanic host rock; <300 m from a known showing; Low radiometric response; High magnetic response
3	603090	5711920	9	Shear intersection; Granitic host rock; >300 m from a known showing; Medium radiometric response; High magnetic response
4	603700	5711960	6	Dilation Zone; Gabbroic host rock; >300 m from a known showing; Low radiometric response; Low magnetic response
5	604700	5713350	9	Shear zone; Volcanic host rock; <300 m from a known showing; Low radiometric response; Low to moderate magnetic response
6	605070	5711290	4	Dilation Zone; Volcanic host rock; >300 m from a known showing; Medium radiometric response; High magnetic response
7	605570	5711880	2	Dilation Zone; Gabbroic host rock; Known showing; Medium radiometric response; Low magnetic response
8	606160	5710630	3	Shear intersection; Volcanic host rock; >300 m from a known showing; Low radiometric response; Low magnetic response
9	606210	5711050	5	Shear intersection; Volcanic host rock; >300 m from a known showing; Low radiometric response; Low magnetic response
10	606330	5711600	6	Shear intersection; Gabbroic host rock; <200 m to a known showing; Low radiometric response; Low magnetic response
11	606430	5712230	10	Shear intersection; Gabbroic host rock; >300 m to a known showing; Low radiometric response; Low to moderate magnetic response
12	607520	5715240	1	Shear intersection; Tonalitic host rock; Known showing; High radiometric response; Low to moderate magnetic response; Near Shonia
13	608080	5715640	1	Shear intersection; Volcanic host rock; >300 m from a known showing; High radiometric response; Low magnetic response; Near Shonia
14	610530	5714280	4	Shear intersection; Volcanic host rock; <200 m from a known showing; Low radiometric response; Moderate to high magnetic response; Located in a lake

15	607340	5710620	5	Volcanic host rock; Chellow Vein; High radiometric response; High magnetic response
16	607780	5710320	4	Shear intersection; Volcanic host rock; Known showing; Medium radiometric response; Low magnetic response
17	608010	5710620	4	Dilation zone; Volcanic host rock; >300 m from a known showing; Medium radiometric response; Low magnetic response
18	608230	5710060	9	Shear intersection; Volcanic host rock; >300 m from a known showing; Low radiometric response; Moderate to high magnetic response
19	609390	5709600	9	Shear intersection; Volcanic host rock; >300 m from a known showing; Low radiometric response; Moderate to high magnetic response; Located in a lake
20	612440	5708390	6	Shear intersection; Volcanic host rock; >300 m from a known showing; Low radiometric response; Low magnetic response
21	612610	5708140	7	Single structure; Volcanic host rock; >300 m from a known showing; High radiometric response; Low magnetic response
22	612570	5707790	6	Shear intersection; Volcanic host rock; >300 m from a known showing; Low radiometric response; Low magnetic response
23	613380	5707440	12	Single structure; Granitic host rock; >300 m from a known showing; High radiometric response; High magnetic response
24	614150	5707170	8	Shear intersection; Granitic host rock; >300 m from a known showing; High radiometric response; High magnetic response

Four targets (targets 6, 7, 12, and 13) were followed up during a visit to the property in September 2011. Targets 6 and 7 were hosted in structurally complex areas in gabbro and intermediate to mafic volcanic rocks that included three orientations of thin, steeply dipping veins: Az 320º, Az 085º, and Az 005º. One grab sample of sheared mafic volcanic rocks with 3 to 5% sulphides was taken from this area and returned 2465 ppm Cu. Target 12 is a sheared, rusty tonalite with up to 2% disseminated sulphide; a grab sample was taken, but no significant assays were returned. Target 13 is slightly rusty, sheared basalt; a grab sample was taken of disseminated sulphides but returned no significant results.

7. CONCLUSIONS

The McVicar Lake Property has three different styles of gold mineralization: (1) low grade, bulk tonnage mineralization at Shonia and Sor Lake, (2) high grade mineralization in discrete quartz veins such as the Chellow Vein, and (3) mineralized shear zones at the Altered and North Flexure Zones. The Altered and North Flexure Zones were not explored in 2011, but both low grade, bulk tonnage and high grade discrete veins were explored. Favourable gold assay results were obtained for both styles of mineralization, particularly at Shonia and in the vicinity of the Chellow Vein. A quartz vein south of the Chellow Vein was discovered that assayed up to 4.22 g/t Au.

Anomalous gold concentrations from soil sampling are highest on the westernmost line. This may be related to the ice directions in the area, which are Az 088º and Az 064º. A sample of the C horizon taken from a tree root in contact with the Shonia outcrop returned a concentration of 124.0 ppb Au associated with an anomalous As concentration (7.6 ppm). However, anomalous gold concentrations from the B horizon do not have associated anomalous arsenic concentrations. No definitive conclusions can be drawn from soil sampling due to a lack of consistent results.

Groundproofing of four targets derived from interpretation of airborne geophysical surveys indicates that using geophysical surveys to select mineral exploration targets is a valid exploration tool. Following up on geophysical targets led to the discovery of a sample that returned concentrations of 2464 ppm Cu.

8. RECOMMENDATIONS

Historically, much of the exploration on the McVicar Lake Property focused on the Altered Zone. No further work is recommended on this area due to the large number of drill holes in the area and the lack of significant assay results from samples collected from west of the Altered Zone in the summer of 2011. However, it may be beneficial to drill one hole to test the western extension of the Altered Zone. A longitudinal section of the historical drill holes in the Altered Zone should be constructed to determine the orientation of the gold-bearing Altered Zone.

A minimum of two drill holes are recommended in the Shonia Lake area to test mineralization at depth. Previous drill holes were drilled north-south, and it is recommended new holes should be drilled perpendicular to northeast-trending quartz veins, which appear to be carry the most gold. An east-trending drill hole should also be considered to test mineralized north-south quartz veins at depth. Additional prospecting is recommended north, northeast, and west (across Shonia Lake) of the stripped area following major structures observed during detailed mapping to see if quartz veining continues and to extend the zone of gold mineralization. If favourable results from soil geochemistry are returned, then stripping of a larger area and more channel sampling should be considered prior to drilling in the area.

The stripped area on the Sor Lake Sill is separated into two domains by a major east-west structure. Due to lack of access, the southern domain was not tested during the 2011 field

season. It is recommended that channel sampling and detailed mapping be carried out on this area prior to considering further action. Prospecting east of the stripped area between Sor Lake and the Jay Zone could be carried out to follow up on historical gold showings, which include a 23.3 g/t Au grab sample. Due to the favourable results returned from the Jay Zone, it is recommended that more prospecting take place in the vicinity to select potential drill targets.

The pinch and swell nature of the Chellow Vein means that it is difficult to intersect at depth. The vein is open both along strike and at depth, so it is recommended that a drill program take place to attempt to define the limits of the Chellow Vein. Soil sampling may be possible in the area, but no definitive conclusions could be drawn from soil sampling at Shonia Lake and the soil may not be appropriate in the Chellow Vein area.

It is recommended that any further exploration in the Dougie Lake area be concentrated south and east of the lake due to the lack of exposure and access to the northern shore. Several historical drill holes have been drilled in and around Dougie Lake, and it is recommended that the drill logs be analyzed and the drill collars located prior to drilling. A fly camp should be established on Dougie Lake to allow for prospecting east of the McVicar Lake Property to explore a potential dilation zone discovered by the airborne geophysical survey.

It is recommended that the accessible targets derived from geophysics be visited and sampled to determine if the geological setting is favourable for further exploration.

9. REFERENCES

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APPENDIX A

Rock Descriptions at Stations

Station	Easting	Northing	Comments
ML-2011-AK-001	606894	5714408	Tonalite; quartz and feldspar phenocrysts up to 1cm; quartz stringer evident
ML-2011-AK-002	606750	5714837	Feldspar-phyric andesite; plag phenocrysts up to 1cm in mafic groundmass;
ML-2011-AK-003	606514	5715155	Feldspar-phyric andesite; plag phenocrysts up to 1cm in mafic groundmass;
ML-2011-AK-004	607476	5715660	Intermediate volcanic; quartz crystals up to 2 mm
ML-2011-AK-005	607243	5715253	Contact between intermediate volcanics to the north and gabbro to the south (Az 248); slightly sheared and rusty in some spots
ML-2011-AK-006	607205	5715122	Silicified fine grained tonalite; quartz veins up to 1cm
ML-2011-AK-007	606958	5713604	Tonalite; quartz up to 2cm
ML-2011-AK-008	607136	5713554	Fine grained gabbro with biotite; disseminated sulphides; small dextral fault filled with quartz
ML-2011-AK-009	607316	5713568	Gabbro
ML-2011-AK-010	607552	5714077	Gabbro; K-feldspar and quartz veins (<1 cm) evident
ML-2011-AK-011	607395	5714211	Fine to coarse-grained gabbro with tonalite in some areas; possible contact
ML-2011-AK-012	607657	5714410	Fine to coarse-grained gabbro
ML-2011-AK-013	607587	5714659	Fine to coarse-grained gabbro with disseminated sulphides
ML-2011-AK-014	607738	5714725	Coarse grained gabbro with a bright green mineral (possibly malachite)
ML-2011-AK-015	607978	5714725	Coarse grained gabbro
ML-2011-AK-016	607793	5715026	Tonalite; plagioclase dominant; phenocrysts up to 3cm; some quartz stringers
ML-2011-AK-017	607868	5715089	Andesite with small quartz veins and large quartz pieces infilling cavities; strong shear present in the rocks
ML-2011-AK-018	606720	5713345	Intermediate to mafic fine grained intrusion; small disseminated sulphides along fracture planes; pinkish fine grained to aphanitic rhyolite in contact with gabbro in some locations; sample 445013
ML-2011-AK-018	606720	5713345	Gabbro; intermediate to mafic fine grained intrusion; small disseminated sulphides along fracture planes; pinkish fine grained to aphanitic rhyolite in contact with gabbro in some location; sample 445014
ML-2011-AK-019	606820	5713443	Gabbro; light-colored on weathered surfaces and dark on fresh surfaces; intermediate to mafic fine to medium grained intrusion
ML-2011-AK-020	607183	5713371	Medium grained tonalite; light-colored on weathered surfaces

ML-2011-AK-021	607446	5713404	Contact between coarse-grained and fine-grained gabbro: at least two contacts seen
ML-2011-AK-022	607618	5713259	Coarse-grained gabbro; distribution of 70% plagioclase and 30 % quartz between the two minerals
ML-2011-AK-023	607519	5713066	Up to 3 cycles of coarse-grained to fine-grained gabbro with sharp contacts
ML-2011-AK-024	607413	5712947	Andesite; mafic and sericitized veinlet striking Az298/90; highly jointed; minor quartz veins
ML-2011-AK-025	607429	5712661	Fine to medium grained gabbro
ML-2011-AK-026	607228	5711774	Medium grained gabbro; quartz nodules in some areas; light grey on weathered surfaces
ML-2011-AK-027	607302	5711589	Medium grained gabbro with highly altered (sericitized, carbonate?) vein; quartz veins filling fractures; left-lateral faults; sample 445015
ML-2011-AK-028	605652	5712002	Intermediate to mafic fine grained intrusion; greenish hue; matte black magnetite stringers widespread and parallel to each other; sample 445017
ML-2011-AK-029	605665	5712002	Tonalite; multiple vein-like structures filled with plagioclase and quartz with several orientations; sample 445016
ML-2011-AK-030	605766	5711837	Medium to coarse grained gabbro; quartz veins offset by right-lateral faults with displacement of 25cm in some areas
ML-2011-AK-031	605900	5711515	Gabbro
ML-2011-AK-032	606407	5711443	Gabbro
ML-2011-AK-033	606666	5711441	Gabbro
ML-2011-AK-034	607123	5711401	Medium-grained gabbro dominant on east side of island; mafic volcanics sharing sharp contact with gabbro
ML-2011-AK-035	606829	5711704	Fine-grained gabbro with plagioclase phenocrysts visible; aphanitic volcanic contact
ML-2011-AK-036	606662	5712047	Fine-grained gabbro
ML-2011-AK-037	606769	5712051	Fine to medium grained gabbro; light colored on weathered surfaces; mafic xenoliths in some areas
ML-2011-AK-038	606574	5712261	Fine grained gabbro; light on weathered surfaces; small (<1 mm) plagioclase phenocrysts visible
ML-2011-AK-039	606748	5712300	Gabbro; sulphides widespread; sample 444501
ML-2011-AK-040	606899	5712321	Fine grained gabbro; iron-staining
ML-2011-AK-041	607149	5711816	Medium grained gabbro; quartz stringers along fracture planes; exposure limited
ML-2011-AK-042	607637	5711423	Medium grained gabbro
ML-2011-AK-043	607657	5711360	Gabbro with plagioclase/quartz veining; greenish altered veins (sericitized?); orthogonal veining; sample 444502

ML-2011-AK-044	608017	5711386	Medium grained gabbro with little structure
ML-2011-AK-045	607403	5711241	Lakeshore gabbro light colored on weathered surfaces; plagioclase dominant; quartz vein approx. 1 cm with fractures subparallel to vein
ML-2011-AK-046	607403	5711241	Green intermediate volcanics; small gabbroic veinlets intruding volcanics
ML-2011-AK-047	607403	5711241	Intermediate volcanics with narrow (15 cm) shear zone; some gabbroization of volcanic; volcanic breccia intruded by gabbro 100 m west
ML-2011-AK-048	607238	5711261	Chloritized intermediate volcanics; quartz vein cuts gabbroic intrusive veinlets with unknown direction
ML-2011-AK-049	607238	5711261	Intermediate volcanics with persistent gabbroic stringers; barren rocks with feldspathic dyke
ML-2011-AK-050	607175	5711182	Strongly sheared intermediate volcanics with persistent quartz/plagioclase veining; iron staining
ML-2011-AK-051	607220	5711117	Shear zone with intermediate volcanics apparently more sheared than gabbro and epidote veins evident; gabbroic intrusion breccias with volcanic fragments
ML-2011-AK-052	607271	5710961	Undeformed to deformed intermediate volcanics in cycles with gabbroic dykes; deformed-undeformed gabbros; feldspar-phyric volcanics; sulphide oxidation
ML-2011-AK-053	607308	5710834	Erratic compass in overburden-covered area; BIF inferred
ML-2011-AK-054	607393	5710829	Erratic compass in overburden-covered area; BIF inferred
ML-2011-AK-055	607410	5710811	Medium grained gabbro in trench south of Chellow Vein; strong narrow shear zone (0.3 m); increase in sulphides in host rock 50 m on either side of Chellow Vein; Open, isoclinally folded BIF, vertical axial trace and an axial plane Az300/90
ML-2011-AK-056	607534	5710987	Shear zone in sheared gabbro and chlorite schist hosting a discontinuous smoky grey quartz vein; vein 10 cm wide; multiple veins to 0.3 m across; sample 444505
ML-2011-AK-057	607534	5710987	Gabbro; major fault (shear) striking Az290/85; fine-grained and laminated.
ML-2011-AK-058	607565	5711141	Sheared gabbro and/or volcanics; Az300/90; narrow quartz vein (1cm)
ML-2011-AK-059	607480	5711160	Intermediate volcanics with gabbro intrusion including gabbroic brecciation; some deformation but not strong.
ML-2011-AK-060	607407	5711196	Sheared intermediate volcanics with 4 cm boudined quartz veins; sample 444506
ML-2011-AK-061	605585	5712063	Coarse-grained gabbro; slightly sheared; quartz vein striking Az333 (2cm); volcanic contact Az042; volcanic unsheared
ML-2011-AK-061	607413	5711130	Sheared intermediate volcanic about 2m across, intruded by white felsic dyke
ML-2011-AK-062	605176	5711974	Brecciated gabbro with elongated fragments striking Az218; fine grained gabbro forms part of the brecciated fragments
ML-2011-AK-062	607403	5711075	Gabbroic intrusion breccia; gabbroic matrix with angular, mafic volcanic fragments

ML-2011-AK-063	604764	5711942	Gabbro; transition to volcanics under overburden; multiple contacts possible; volcanics appear unsheared..
ML-2011-AK-063	607341	5711016	Bedded buff sandstone or tuff about 15 cm across; host rock felsic volcanic breccia with sub-angular monolithic fragments
ML-2011-AK-064	604831	5711912	Fine to medium grained massive gabbro; no apparent shearing although much of outcrop under overburden
ML-2011-AK-064	601706	5711163	Granite (arguably tonalite) with pegmatitic veins intermixed; coarse quartz, plagioclase and alkali feldspars; contact with fine-grained granitoid
ML-2011-AK-064	607292	5710944	Drill hole
ML-2011-AK-065	601626	5711405	Granite (arguably tonalite) with pegmatitic veins intermixed; coarse quartz, plagioclase and alkali feldspars; quartz appears smoky blue
ML-2011-AK-066	601886	5711941	Coarse-grained granitic outcrop with rhyolite and arguably tonalite; evidence of left-lateral movement; smoky-grey quartz veins Az222; quartz nodules up to 5 cm; quartz vein crosscuts all lithologies; isolated extensive sulphide oxidation seen in granite; sample 444507
ML-2011-AK-067	601771	5712384	Fine to medium grained granite with quartz vein up to 3 cm
ML-2011-AK-068	601625	5712480	Light coloured granite; plagioclase phenocrysts up to 8 mm; rusty patches evident; intense shear banding; minor quartz veinlets along joints
ML-2011-AK-069	601475	5712820	Granitoid (arguably tonalite); light colored on weathered surfaces; contact with fine-grained intrusive oriented Az230/90; smoky quartz vein crosscuts contact; quartz veins generally 0.8-2 cm wide; minor rusting in some areas; sample 444508
ML-2011-AK-070	601298	5713175	Coarse-grained granite (arguably tonalite) with foliation and pegmatitic dykes
ML-2011-AK-071	601295	5713421	Strongly sheared intermediate volcanics; contact likely between volcanic and sheared granitoid rocks
ML-2011-AK-072	603137	571261	Medium to coarse grained gabbro weathering to light colours
ML-2011-AK-073	603108	5712457	Intensely weathered fine to medium grained gabbro
ML-2011-AK-074	601813	5711337	Slightly sheared coarse grained granite; alkali feldspar veins
ML-2011-AK-075	602323	5711542	Coarse-grained granite (arguably tonalite); mainly plagioclase and quartz; pegmatitic veins; quartz sometimes not associated with feldspar in veins; sample 444509
ML-2011-AK-076	603090	5711631	Coarse grained granite with quartz and plagioclase veins
ML-2011-AK-077	606091	5711599	Coarse grained gabbro with plagioclase and hornblende intergrowths
ML-2011-AK-078	606071	5711481	Medium to coarse grained gabbro with 20 shear band
ML-2011-AK-079	606076	5711395	Moderately to strongly sheared gabbro; 30 cm fine grained shear band; gabbro is brecciated in some locations; clasts appear to be of sheared volcanics; limited exposure

ML-2011-AK-080	606038	5711081	Intermediate to mafic volcanics; minor right-lateral fault offsetting plagioclase + quartz veins; fault may not be part of regional structure and hanging wall facing lake; outcrop relatively unsheared with brecciated gabbro seen in parts of cliff face
ML-2011-AK-081	606266	5711107	Volcanics and medium grained gabbro with feldspar and quartz veins (~10 cm); sheared outcrop evidenced 10 m east
ML-2011-AK-082	606490	5711068	Unsheared volcanic with epidote
ML-2011-AK-083	606490	5711068	Andesite; shear band with subparallel quartz and plagioclase veins and magnetite bands up to 3 cm wide (sheared BIF); pillow-like structures
ML-2011-AK-084	606595	5710814	Aphanitic to fine grained andesite; unsheared outcrop with common rust staining; strong shearing 10 m south
ML-2011-AK-085	606629	5710772	Strongly sheared andesite; hydrothermal veins and epidote alteration and quartz intergrowth; sulphide mineralization
ML-2011-AK-086	606640	5711098	Intermediate volcanics and brecciated gabbro; elongation of clasts included in gabbro north-south
ML-2011-AK-087	606677	5711161	Brecciated gabbro; strongly sheared
ML-2011-AK-088	606725	5711275	Brecciated gabbro; mottled appearance to volcanics (may be lichen)
ML-2011-AK-089	606718	5711354	Brecciated gabbro; persistent gabbroic veinlets
ML-2011-AK-090	606695	5711367	Brecciated gabbro; relatively little shearing; floats of gabbro in volcanic matrix seen (source unknown)
ML-2011-AK-091	606657	5711288	Gabbro; brecciated in some areas; intermixed with volcanics; striking oxidation colours appear to be restricted to gabbro
ML-2011-AK-092	606639	5711256	Brecciated gabbro with shear band
ML-2011-AK-093	606454	5711256	Brecciated gabbro
ML-2011-AK-094	606184	5711463	Fine to medium grained gabbro
ML-2011-AL-001	607858	5714871	Coarse grained gabbro; no noticeable mineralization or structures
ML-2011-AL-002	607335	5714737	Light pink tonalite; one small quartz vein
ML-2011-AL-003	607106	5714708	Greyish-white tonalite; a couple small 0.5 cm quartz veins; disseminated sulphides
ML-2011-AL-004	607071	5714689	Whitish-grey silicified rhyolite; tonalite 20 m to the south
ML-2011-AL-005	607376	5714519	Tonalite; discontinuous quartz veins
ML-2011-AL-006	607565	5714540	Massive gabbro; no structure or mineralization
ML-2011-AL-007	607439	5714319	Massive gabbro; no structure or mineralization

ML-2011-AL-008	607242	5714293	Greyish tonalite; some disseminated pyrite
ML-2011-AL-009	607419	5714299	Greyish tonalite; minor amounts of disseminated pyrite; small quartz nodules
ML-2011-AL-010	607446	5713828	Large gabbro outcrop; small quartz veins (~1cm)
ML-2011-AL-011	607329	5713828	Massive tonalite; no structures or mineralization
ML-2011-AL-012	607216	5713705	Massive tonalite; no structures or mineralization
ML-2011-AL-013	604604	5713093	Tonalite; quartz veins up to 3 cm wide; light coloured rock on weathered surface; sample 445007
ML-2011-AL-014	604634	5713030	Feldspar phyric andesite with mafic groundmass
ML-2011-AL-015	604704	5713033	Tonalite; fine-grained intrusion composed mainly of quartz and plagioclase with small quartz vein (<1 cm)
ML-2011-AL-016	604677	5713010	Massive feldspar phyric andesite with mafic groundmass and disseminated sulphides; sample 445008
ML-2011-AL-017	604395	5713030	Tonalite; mafic matrix; altered vein with dark green to yellow colours (possibly chlorite and sericite); quartz and magnetite present in vein; sample 445009
ML-2011-AL-018	604237	5713144	Tonalite; multiple quartz veins; mafic veins with presence of minor magnetite; sample 445010
ML-2011-AL-019	604098	5713027	Tonalite; quartz veins up to 5 cm, quartz-rich lens-shaped fracture fill; mafics and alkali feldspar; sample 445011
ML-2011-AL-020	604025	5712972	Tonalite; no apparent quartz veins or foliation
ML-2011-AL-021	603876	5712936	Andesite; no apparent quartz veins or foliation
ML-2011-AL-022	603906	5713016	Andesite; minor pyrite with a few quartz veins (~1 cm); no apparent foliation
ML-2011-AL-023	603925	5713342	Andesite; white quartz vein up to 3 cm; sample 445012
ML-2011-AL-024	603794	5713374	Andesite; highly fractured with no quartz veins present
ML-2011-AL-025	607487	5711160	Andesite; sheared volcanics with oxidation colors; brecciated intrusion gabbro with mafic components elongated Az256
ML-2011-AL-026	607610	5711215	Medium grained gabbro
ML-2011-AL-027	607651	5711216	Medium to coarse grained gabbro, plagioclase phenocrysts up to 1.5cm; small quartz veins; sericitization around quartz veins; weakly sheared
ML-2011-AL-028	607651	5711172	Medium grained gabbro; light yellow-green color (possibly sericite), multiple quartz veins up to 3 cm; sample 445021
ML-2011-AL-029	607820	5711101	Medium grained gabbro in contact with feldspar phyric gabbro (contact Az230); plagioclase crystals up to 1.5 cm; sample 445022

ML-2011-AL-030	607709	5711103	Medium grained gabbro; multiple quartz veins up to 2 cm; weakly chloritized slightly curved shear zone (Az162 to Az140); one small highly chloritized quartz vein; plagioclase veins up to 5 cm; sample 445023
ML-2011-AL-031	607672	5711157	Medium grained gabbro; slightly sericitized; 25 cm white quartz vein; sample 445024
ML-2011-AL-032	607451	5711166	Fine grained intermediate volcanic brecciated by medium grained gabbro; yellow sericite on some surfaces; small (<1 cm) quartz veins in the gabbro; volcanics sheared at Az300
ML-2011-AL-033	607353	5711110	Fine grained intermediate volcanic that has been brecciated by a medium grained gabbro; slightly sericitized and moderately sheared
ML-2011-AL-034	607281	5711062	Fine grained intermediate volcanic that has been brecciated by a medium grained gabbro; slightly sericitized
ML-2011-AL-035	607267	5711109	Fine grained intermediate volcanic that has been brecciated by a medium grained gabbro
ML-2011-AL-036	607289	5711156	Fine grained intermediate volcanic that has been brecciated by a medium grained gabbro; weakly sericitized; shearing present, small veins of quartz and plagioclase.
ML-2011-AL-037	607304	5711179	Fine grained intermediate volcanics; dark green possibly due to chlorite; epidote alteration
ML-2011-AL-038	607350	5711218	Highly sheared intermediate volcanics; chlorite prominent through shear zone; shear looks blue green
ML-2011-AL-039	607441	5710993	Highly sheared fine grained gabbro; surface is weathered to white
ML-2011-AL-040	607423	5711036	Medium grained gabbro; weak sericitization; small quartz and plagioclase veins in multiple orientations
ML-2011-AL-041	606100	5711400	Sheared medium grained gabbro on an island; shear zone is chloritized and host to small quartz veins; multiple fractures on some parts of the outcrop
ML-2011-AL-042	610732	5713803	Medium grained gabbro with shear and quartz veining, shear oriented Az336; sample 445028
ML-2011-AL-043	610638	5713791	Medium grained competent gabbro
ML-2011-AL-044	610576	5713705	Medium grained gabbro with a couple of quartz lenses up to 3 cm
ML-2011-AL-045	610447	5713911	Medium grained gabbro with shear along the shoreline
ML-2011-AL-046	609928	5713672	Fine grained gabbro; foliation Az312; small (1-4 cm) granitic dykes that run subparallel to foliation
ML-2011-AL-047	610069	5713884	Medium grained gabbro; coarse grained felsic intrusion with quartz crystals up to 1.5 cm (possibly a granodiorite) with an unknown green mineral
ML-2011-AL-048	610222	5714112	Fine grained gabbro with shear striking Az340
ML-2011-AL-049	609927	5714192	Coarse-grained intrusion with quartz crystals up to 1.5 cm (possibly a granodiorite); grades to a finer grained mafic rock (possibly a gabbro)
ML-2011-AL-050	610627	5715381	Andesite with trace amounts of fine grained pyrite

ML-2011-AL-051	609784	5715514	Andesite; trace fine grained pyrite; 9 cm wide white quartz vein; potential shear zone along cliff; sample 445029
ML-2011-AL-052	609693	5715005	Mafic to intermediate volcanic; no structures present
ML-2011-AL-053	609616	5714880	Fine to medium grained gabbro; no structures present
ML-2011-AL-054	609380	5714726	Fine to medium grained gabbro; no structures present
ML-2011-AL-055	608910	5714769	Fine grained gabbro with trace amounts of pyrite
ML-2011-AL-056	608926	5714734	Intermediate to mafic volcanics; inferred contact between this sample and AL-055 on the same island
ML-2011-AL-057	609019	5714527	Mafic to intermediate volcanics; no structures present
ML-2011-AL-058	606879	5712541	Medium grained re-crystallized gabbro; no structures present
ML-2011-AL-059	607437	5712595	Medium grained re-crystallized gabbro; no structures present
ML-2011-AL-060	607306	5712798	Medium grained re-crystallized gabbro; weathered green surface; no structures present
ML-2011-AL-061	607365	5712921	Medium grained re-crystallized gabbro; no structures present
ML-2011-AL-062	612745	5707875	Structureless fine grained intermediate volcanic with pyrrhotite
ML-2011-AL-063	612806	5707874	Fine grained intermediate volcanics; trace iron staining; weakly sheared (right lateral motion)
ML-2011-AL-064	613157	5707778	Small outcrop of medium grained gabbro; small (<0.5 cm) feldspar/quartz veins are present; with multiple orientations
ML-2011-AL-065	613184	5707864	Small outcrop of a slightly green fine grained mafic volcanic; abundance of small (<0.5 cm) quartz/feldspar veins in multiple directions
ML-2011-AL-066	613262	5707919	Small outcrop of re=crystallized basalt; <0.5 cm quartz vein present; 4 cm lens of granite also present
ML-2011-AL-067	613378	5707955	Basalt; same as AL-065; trace pyrite
ML-2011-AL-068	613418	5708036	Gabbro; same as AL-064; the feldspar veins have a general trend of Az126; discontinuous 2.5cm quartz vein
ML-2011-AL-069	613501	5708246	Gabbro; same as AL-068; no quartz veins; no preferential direction of feldspar veins
ML-2011-AL-070	613643	5708280	Large sheared gabbro outcrop; gabbro finer grained in the shear; 1 cm quartz veins with no preferred orientation; granitic dyke that intrudes everything (up to 8 cm wide)
ML-2011-AL-071	613911	5708204	Small outcrop of medium grained gabbro; small veins of feldspar/quartz that could possibly be a granitic intrusion
ML-2011-AL-072	614028	5708215	Gabbro; same as AL-071; trace iron staining
ML-2011-AL-073	614163	5708067	Gabbro; same as AL-071

ML-2011-AL-074	613736	5707774	Gabbro; same as AL-073
ML-2011-AL-075	612324	5707512	Small exposure of intermediate volcanics; white quartz present in a series of lenses that are close together (up to 10 cm wide and 1 m long); trace sulphides in the volcanics; some red staining on the quartz; sample 445043
ML-2011-AL-076	612273	5707570	Highly sheared intermediate volcanics, trace amount of sulphides present
ML-2011-AL-077	612219	5707613	Highly sheared intermediate volcanics; rust in shear zone; shear is slightly folded; multiple smoky quartz lenses up to 6cm x 30cm; sample 445044
ML-2011-AL-078	612141	5707644	Intermediate volcanic; same as AL-077; sample 445045
ML-2011-AL-079	612117	5707730	Intermediate volcanic; same as AL-077, quartz lenses are located in the shear and range from 1cmx1cm to 4cm x15cm; sample 445046
ML-2011-AL-080	612015	5707806	Intermediate volcanic; same as AL-077; a few small quartz nodules in the shear
ML-2011-AL-081	611918	5707574	Intermediate volcanic; same as AL-077, one smoky gray quartz nodule (3cmx15cm); one white quartz vein that pinches and swells for over a meter (up to 7 cm wide); sample 445047
ML-2011-AL-082	611591	5707525	Slightly layered granite (could be metamorphosed to a gneiss); layering oriented Az305; feldspar phenocrysts present up to 0.5 cm wide
ML-2011-AL-083			Granite; Same as AL-082, no noticeable structure or quartz vein
ML-2011-AL-084			Granite; Same as AL-082, no noticeable structure or quartz vein
ML-2011-AL-085			Granite; Same as AL-082, no noticeable structure or quartz vein
ML-2011-AL-086			Granite; Same as AL-082, no noticeable structure or quartz vein
ML-2011-AL-087	611814	5707595	Intermediate volcanic; same as AL-077; no quartz veins or lenses present; small amounts of rust
ML-2011-AL-088	607274	5714761	Rusty tonalite; pyrite crystals up to 0.3 cm; sample 444927
ML-2011-AL-089	607301	5714644	Tonalite; ten small (<0.5 cm) quartz veins in 5 m; one rusty quartz vein up to 2 cm wide
ML-2011-AL-090	607222	5714653	Rusty tonalite with very small (<0.1 cm) euhedral pyrite crystals
ML-2011-AL-091	607166	5714655	Tonalite; north-south mafic dyke; small very quartz rich felsic dyke also present
ML-2011-AL-092	604235	5713140	High sulphide content in sheared tonalite; sample 444928
ML-2011-AL-093	604236	5713124	Rusty quartz vein/lens in tonalite; possible arsenopyrite present; copper staining; sample 444929
ML-2011-AL-094	604240	5713167	Rusty quartz vein in sheared tonalite; pyrite and pyrrhotite present; sample 444930

ML-2011-AR-001	611343	5708578	Granite; plagioclase phenocrysts up to 3 cm (anhedral to subhedral) with slight tendency for elongation set in mafic groundmass; lithology changes to intermediate volcanic in some places
ML-2011-AR-002	610984	5708696	400 m south of post # 4, claim # 4261489
ML-2011-AR-003	610452	5709946	Granitoid; between quartz and feldspar components; 60 % quartz and 40 % feldspar; minor quartz veinlets 1 cm parallel to shear zone
ML-2011-AR-004	609681	571005	Granite with quartz veining up to 2 cm
ML-2011-AR-005	609323	5710177	Granitoid; may also be a tonalite
ML-2011-AR-006	608908	5710328	Granite intruding mafic volcanic
ML-2011-AR-007	608205	5710616	Intermediate volcanics; strongly deformed with quartz veins up to 4 cm; sample 444608
ML-2011-AR-008	608039	5170831	Gabbro; slightly rusty; some sulphides; discontinuous quartz veins; some calc-silicate veinlets; shearing/foliation present; sample 444626
ML-2011-AR-009	608306	517813	Granite; fault with 30 cm offset; mafic dyke present
ML-2011-AR-010	608269	5170950	Granite with mafic dykes approximately 30 cm wide
ML-2011-AR-011	608164	5170683	Gabbro (green schist?); highly foliated; soft; iron staining; small discontinuous quartz veins
ML-2011-AR-012	608007	5170524	Highly foliated gabbro with 2 mm quartz veins; some iron staining; sample 444627
ML-2011-AR-013	608007	5170574	Gabbro; near Chellow Vein; 3-4 cm quartz veins that pinch and swell; sample 444628
ML-2011-AR-014	607295	5170932	Intensely fractured gabbro near Chellow Vein
ML-2011-AR-08	603817	5712607	Bluish-green intermediate volcanics; apparent flow foliation and pegmatitic veins
ML-2011-AR-09	603775	5712693	Limited exposure; fine to medium grained gabbro
ML-2011-AR-10	603749	5712755	Fine grained gabbro; quartz veinlets <1 cm; felsic dyke with tonalitic characteristics intrudes gabbro (Az224/90); mafic clasts dyke; green-yellow minerals appear in some spots (sericitization?); evidence of left and right lateral faulting that offset felsic dyke; shear band with fine grained gabbro strikes Az224.
ML-2011-AR-11	603759	5712962	Fine grained gabbro; overburden covered
ML-2011-AR-12	603530	5713216	Rust spots; disseminated sulphides in tonalite/volcanics; quartz vein up to 0.3 m strikes Az252; sample 444510
ML-2011-CV-CH	607403	5711241	Gabbro; Chellow wall rock; sample 444864
ML-2011-CV-CH	607403	5711241	Gabbro; Chellow vein quartz; sample 444865
ML-2011-CV-CH	607403	5711241	Sheared gabbro hosting Chellow Vein; sample 444866

ML-2011-CV-CH	607403	5711241	Sheared gabbro hosting Chellow Vein; sample 444867
ML-2011-CV-CH	607403	5711241	Gabbro; Chellow Vein with rust; sample 444868
ML-2011-CV-CH	607403	5711241	Sheared gabbro hosting Chellow Vein; sample 444869
ML-2011-CV-CH	607317	5710926	Gabbro; possible offset or fragment of Chellow Vein; sample 444870
ML-2011-CV-CH	607496	5710978	Gabbro; 5 quartz veins 2 to 5 cm wide, smoky quartz; southeast of Chellow Vein; sample 444871
ML-2011-HK-016	607500	5715660	Rusty tonalite near contact with basalt; shear zone (sampled area) contains blebby and disseminated sulphides (up to 2%); quartz veins (<1 cm) and blowouts (up to 5 x 10 cm); green alteration mineral (epidote?); sample 444644
ML-2011-HK-017	608085	5715598	Sheared basalt; slightly rusty; trace to 1% disseminated sulphides; 444643
ML-2011-PT-01	607290	5714977	Fresh unaltered tonalite distinctive from altered tonalite; altered tonalite comprises quartz crystals and diffuse plagioclase plus vague green micaceous hue; fresh broken tonalite has a vague pinkish-yellowish hue; mafic dyke intrudes the tonalite.
ML-2011-PT-02	607327	5714993	Approximately 15 cm thick slab of highly altered gabbro with an approx. 10 cm thick completely altered slab showing intense mineralization (oxides and sulphides plus a several cm thick parallel quartz vein); country rock is mixed tonalite/gabbro with contact Az276; evidence of tonalite being younger; sample 444503
ML-2011-PT-03	607351	5714964	Magmatic contact of tonalite and gabbro; gabbro is disrupted into rounded to subrounded blocks by intruding tonalite; no evidence of alteration or sulphide mineralization.
ML-2011-PT-04	607354	5714940	Massive unmineralized gabbro
ML-2011-PT-05	607327	5715002	Approximately 90 cm wide fine-grained basalt striking Az154 in contact with tonalite on hanging and footwall side of a possible pillow; approximately 70 cm by 15 cm smooth outline with a raised (hard) 2-3 mm thick, round pillow.
ML-2011-PT-06	607309	5715013	Layers of pillowed basalt intruded by tonalite
ML-2011-PT-07	607292	5715140	Altered tonalite with some oxidized parts guided by 2 subparallel faults striking Az046; outcrop shows mineralization tied to fractures not necessarily marked by quartz veins; distance between two mineralized tonalite blocks is 41 m; sample 444504
ML-2011-PT-08	607366	5715158	Tonalite; outcrop bulldozed and washed; several fracture-controlled mineralization trends containing up to 20% fine grained pyrite in mm-thick bands plus minor bull quartz (2-3 cm thick); evidence of dextral displacement of unknown quantity (Az180)
ML-2011-PT-AL-09	607284	5714917	Tonalite; north-striking weak fractures are crosscut by younger dextral shears
ML-2011-PT-AL-10	607287	5714917	Tonalite; massive 60 to 80 cm thick barren quartz vein obliquely cut by younger mineralized quartz vein Az020/80
ML-2011-PT-AL-11	607368	5715163	Intensely sheared gabbro mildly mineralized

ML-2011-PT-AL-12	607405	5715183	Tonalite/gabbro
ML-2011-PT-AL-13	607444	5715161	Tonalite
ML-2011-PT-AL-14	607439	5715243	Basalt
ML-2011-SH-CH	607270	5714920	Tonalite; samples 444612-444625 and 444801-444856
ML-2011-SH-CH	607270	5714920	Tonalite; 12 cm quartz vein; sample 444857
ML-2011-SH-CH	607270	5714920	Tonalite; 12 cm quartz vein; sample 444858
ML-2011-SH-CH	607270	5714920	Tonalite; 15 cm rusty quartz vein; sample 444859
ML-2011-SH-CH	607359	5715170	Tonalite; sample 444860
ML-2011-SH-CH	607359	5715170	Tonalite; sample 444861
ML-2011-SH-CH	607359	5715170	Tonalite; sample 444862
ML-2011-SH-CH	607359	5715170	Basalt; sample 444863
ML-2011-TL-001	611553	5713520	Hard to tell if it is a gabbro or an andesite
ML-2011-TL-002	607583	5715169	Andesite; shallow north dip; rusty chloritized shear zone with rusty clasts
ML-2011-TL-003	607571	5715230	Pillowed andesite with finely disseminated pyrite; sheared selvage Az250
ML-2011-TL-004	607507	5715241	Andesite; angular to subangular greyish green clasts; up to 4 cm undeformed, monolithic breccia
ML-2011-TL-005	607441	5715248	Andesite; narrow trench, part of Shonia, 15 cm quartz boudin
ML-2011-TL-006	607407	5715178	Pinkish tonalite; brownish carbonate; 3 or 4 quartz veins; mafic dykes with tonalitic fragments
ML-2011-TL-007	607371	5715090	Tonalite; main Shonia showing: 30 cm grey soft shear zone in tonalite; pyritic quartz vein Az050/45; 30 cm bull quartz Az100/90; carbonated felsic rock with 1 cm quartz carbonate vein Az105/90; eight narrow veins (5-8 cm) quartz; fine-grained light brown carbonated dyke about 5 m across
ML-2011-TL-008	607204	5714993	Diamond drill hole
ML-2011-TL-009	607092	5714877	Green andesite
ML-2011-TL-01	607821	5710447	Sheared green volcanic with feldspar porphyry
ML-2011-TL-010	607252	5714819	Diamond drill hole Az360/45
ML-2011-TL-011	607499	5714850	Massive tonalite; narrow mafic dyke

ML-2011-TL-012	607642	5714886	Tonalite
ML-2011-TL-013	607789	5714993	Claim #: 4253201 - CP 800 m south of post # 1
ML-2011-TL-014	606719	5713340	Rhyolite; three quartz veins up to 6 cm wide; evidence of previous saw cut channel samples; sample 444601
ML-2011-TL-015	606810	5713357	Rhyolite; four veins trending Az292/90 and Az324/90; Sample 444602
ML-2011-TL-016	606885	5710222	Rhyolite
ML-2011-TL-017	606974	5713215	Tonalite
ML-2011-TL-018	607378	5713242	Tonalite; sample 444603
ML-2011-TL-019	607496	5713164	Tonalite
ML-2011-TL-02	608771	5710460	White granite; no foliation
ML-2011-TL-020	607496	5713164	Tonalite
ML-2011-TL-020	605719	5711860	Medium grained massive gabbro with white feldspar phenocrysts; 1% disseminated pyrite and pyrrhotite. Line post 590 m east of post 4 (claim 1246822)
ML-2011-TL-021	607332	5713059	Tonalite; highly fractured with veins trending Az270/90 and Az162/80; sample 444604
ML-2011-TL-021	605660	5711853	Massive gabbro with crosscutting vein and fracture sets; oldest (hair-like white veins) Az320, next (1 cm veinlets) Az085, youngest (hair-like veins) Az005; Shear Az270
ML-2011-TL-022	607015	5713075	Tonalite
ML-2011-TL-022	605222	5711286	Ridge top with outcrops of mafic to intermediate volcanics; green and slightly magnetic (pyrrhotite); some intrusive brecciation with coarse grained feldspar matrix; similar brecciation to intrusive breccia at Chellow Vein
ML-2011-TL-023	606907	5713042	Tonalite
ML-2011-TL-023	605156	5711268	Sheared mafic volcanics with 3-5% pyrite and pyrrhotite on fracture; shear zone striking Az305/90; sample 444645
ML-2011-TL-024	606738	5713213	Rhyolite; salmon pink (potassic alteration); highly fractured volcanic; sample 444605
ML-2011-TL-024	604950	5711497	Foliated gabbro with white quartz boudins parallel to shear (boudins plunge 60º W)
ML-2011-TL-025	612602	5708205	Medium grained diorite with pink veins parallel to foliation
ML-2011-TL-026	612593	5708029	Green andesite intruded by a diorite dyke
ML-2011-TL-027	612581	5707664	Andesite

ML-2011-TL-028	612293	5707476	Sheared green volcanic andesite intruded by a sheared and pitted feldspathic dyke; and a second younger mafic dyke; narrow quartz veins (~0.5 cm); large shear zone; sample 445002
ML-2011-TL-029	612216	5707437	Stretched deformed pillows in andesite; narrow quartz veins; shear zone; stretched fragments (5:1); rusty areas; sample 445003
ML-2011-TL-03	609061	5710330	White granite
ML-2011-TL-030	612066	5707497	Wavy green andesite with rusty brown carbonate; good pillows and fine grained cherty quartz; quartz boudin and folded veins up to 30 cm; sample 445004
ML-2011-TL-031	612018	5707478	Grey smoky quartz vein in a highly sheared pillowed intermediate volcanic; feldspathic dyke persists along shear zone; sample 445005
ML-2011-TL-032	612125	5707633	Equigranular diorite; evidence of fracturing and shearing; feldspathic dykes are parallel to foliation
ML-2011-TL-033	611818	5707643	Sheared intermediate volcanic
ML-2011-TL-034	611313	5707654	Granite feldspar porphyry; some quartz fillings
ML-2011-TL-035	611325	5707865	Sheared porphyritic granite
ML-2011-TL-036	610987	5708228	Green andesite
ML-2011-TL-037	607902	5708543	Sheared granite
ML-2011-TL-038	608791	5709370	Foliated feldspar phyric granite
ML-2011-TL-039	608039	5710046	Foliated granite
ML-2011-TL-04	609204	5710238	White granite
ML-2011-TL-040	607987	5710104	Highly contorted green andesite; discontinuous smoky quartz vein in large boudin about 30 cm across; sample 445006
ML-2011-TL-041	607700	5710150	Sheared pillowed intermediate volcanics; occasional quartz vein (<4 cm)
ML-2011-TL-042	612303	5708388	Beach pebbles containing sulphides (likely boulders of coarse-grained granitoid); sample 444606
ML-2011-TL-043	602166	5713278	Fractured pinkish granite with 30 cm quartz vein (previously sampled)
ML-2011-TL-044	602266	5713184	Fractured pinkish granite
ML-2011-TL-046	602452	5713109	Foliated granite
ML-2011-TL-047	602476	5713214	Pinkish, rusty granite along road; narrow quartz veins in stripped areas
ML-2011-TL-048	602476	5713214	Pinkish granite with pyrite crystals and disseminated pyrite; sample 444609
ML-2011-TL-049	602465	5713394	Rusty, fractured, buff coloured, fine grained grey, hard felsic volcanic; pyrite along fractures; sample 444610

ML-2011-TL-05	609376	5710200	Massive white granite, on N-S claim line, line post (800m south of #1 post for claim 4361487)
ML-2011-TL-051	602742	5713959	Massive granite
ML-2011-TL-052	602977	5713935	Massive granodiorite; 50% mafic minerals
ML-2011-TL-053	602989	5713150	Granite; highly fractured with rusty patches
ML-2011-TL-054	603057	5712984	Massive granodiorite; sample 444611
ML-2011-TL-055	603208	5713054	Granodiorite; some rust associated with felsic dykes
ML-2011-TL-056	603280	5713392	Felsic lapilli tuff; laminated green volcanic sediment with 1 cm; stretched felsic fragments
ML-2011-TL-057	603049	5713299	Granite; fractured with no quartz veins
ML-2011-TL-06	609183	5710216	Sheared contact between white granite on north side and volcanic andesite on south; late shear as both granite and volcanic are sheared equally
ML-2011-TL-07	609051	5710246	Sheared volcanic with granite dykes intrusive breccia; volcanic clasts; granite younger
ML-2011-TL-08	608912	5710325	Sheared volcanic and granite contact similar to TL-06
ML-2011-TL-09	608491	5710526	Sheared volcanic and granite contact
ML-2011-TL-10	608209	5710619	Granitized green volcanic; narrow white quartz vein; sample 444608
ML-2011-TL-11	608213	5710763	Sheared granite; broad gulley (150 m) marks NW trending shear some
ML-2011-TL-12	608171	5710757	Sheared volcanics with 3 cm bull quartz vein in gully
ML-2011-TL-13	600870	5713314	Sheared leucogranite; one narrow quartz vein
ML-2011-TL-14	600965	5713257	Foliated leucogranite; six quartz veinlets (1-2 cm); sample 445050
ML-2011-TL-15	601048	5713254	Leucogranite; narrow quartz vein intersects late shear and is foliated; 15cm right lateral displacement
ML-2011-TL-16	601218	5713091	Sheared foliated leucogranite; 2 cm quartz vein parallel to foliation rimmed by pink K-feldspar; appears to be western extension of Sor zone; lime green mineral associated with quartz vein; sample 445051
ML-2011-TL-17	601247	5712957	Sheared and foliated feldspar granite
ML-2011-TL-18	601184	5712892	Six blue grey quartz veins in leucogranite with K-feldspar borders over 5 m; sample 445052
ML-2011-TL-19	601018	5712708	Feldspar porphyry; good dimension stone

ML-2011-TM-001	606190	5172664	Claim Post #3 for 4253205, Claim Post #2 for 4261483
ML-2011-TM-002	605863	5172632	Gabbro; small quartz veins (2 mm to 15 mm)
ML-2011-TM-003	605679	5172533	Gabbro; minor amount of <5 mm wide quartz veins, weak foliation Az300
ML-2011-TM-004	606899	5172305	Gabbro; sparse disseminated pyrite; no quartz veining observed
ML-2011-TM-005	607244	5172462	Tonalite; white quartz; some areas iron stained; sample 445018
ML-2011-TM-006	607300	5712488	Tonalite; 4 m wide yellow silica rich unknown in sharp contact with tonalite; 1 to 1.5 mm quartz veins; sample 445020
ML-2011-TM-007	607392	5172639	Tonalite; quartz veins 1.5 to 4 cm, white with black mineral; dyke shows dextral strain; quartz veins offset dextrally; sample 445019
ML-2011-TM-009	606876	5711256	Fine grained gabbro; slightly brecciated; feldspar porphyry between brecciated gabbro
ML-2011-TM-010	606855	5711177	Fine grained gabbro; quartz hosted by feldspar porphyry; some iron staining; trace sulphides associated with iron staining
ML-2011-TM-011	606785	5711135	Brecciated intermediate volcanics; quartz in feldspar porphyry; pyrite mineralization in shearing; highly oxidized and rusted; sample 445025
ML-2011-TM-012	606815	5710986	Contact between mafic volcanics and felsic volcanics, felsic volcanics has 1 to 3 mm rectangular lathes; mafic is very fine grained
ML-2011-TM-013	606822	5710923	Gabbro; epidote alteration throughout outcrop; grain size coarsens over 4 m exposure to the east
ML-2011-TM-014	606699	5711091	BIF hosted in gabbro
ML-2011-TM-015	606708	5711133	Gabbro; small 1 m lens of BIF
ML-2011-TM-016	606715	5711169	Intermediate volcanics; rusty staining; widespread epidote alteration
ML-2011-TM-017	606812	5711236	Intermediate volcanics; rusty staining
ML-2011-TM-018	606740	5711210	Intermediate volcanics, epidote alteration, quartz vein in rusty shear; sample 445026
ML-2011-TM-019	606562	5711228	Intermediate volcanics; possible coarse grained gabbro dyke; multiple rusty shears; feldspar porphyry shows significant potassic alteration
ML-2011-TM-020	606560	5710914	Intermediate volcanics
ML-2011-TM-021	606626	5710767	Highly sheared mafic volcanics; cliff defines large shear zone
ML-2011-TM-022	606626	5710776	Highly sheared intermediate volcanics; quartz vein in BIF; sample 445027
ML-2011-TM-023	606909	5710814	Intermediate volcanics; small (<1 cm by 10 cm) quartz veins
ML-2011-TM-024	606877	5711123	Brecciated intermediate volcanics; some iron staining along joints

ML-2011-TM-025	607789	5711000	Claim post #4 for claim #4261487
ML-2011-TM-026	607557	5710199	Mafic volcanics; smoky quartz in lenses and discontinuous veins; possible vein fragments from shearing; lenses up to 10 cm by 10 cm in length; veins are discontinuous, 0.5 to 5 cm wide, and up to 50 cm long; white calc-silicate veins 3 to 5 cm wide host some smoky quartz; sample 445030
ML-2011-TM-027	607063	5710261	Mafic volcanic; smoky quartz in small lenses (up to 8cm by 10cm) and 3 cm wide vein offset 5 cm by sinistral faults; similar outcrop to TM-026; some iron staining in fractures and near shear; sample 445031
ML-2011-TM-028	606678	5710882	Mafic volcanics; smoky green quartz vein 3 to 4 cm wide with green alteration halo; small 1 to 2 cm white quartz veins that are stained red; host rock has sulphides throughout often occurring as veinlets off quartz veins; iron staining throughout exposed outcrop; sample 445032
ML-2011-TM-029	606625	5710776	Mafic volcanics; BIF appears to be discontinuous and highly folded
ML-2011-TM-030	606273	5710335	Granite
ML-2011-TM-031	612582	5707666	Black, aphanitic mafic volcanic crosscut by <0.25 mm white veins; some iron staining; very small exposure
ML-2011-TM-032	612585	5707470	Mafic volcanic; small 2 to 3 mm white quartz veins in shear; some moderate iron staining associated with shearing; shears occur every 1.5 m and are about 5 cm wide; no sulphides observed
ML-2011-TM-033	612608	5707408	Mafic volcanic; boudinaged white quartz veins in shear are smoky near edges; quartz vein is 2 to 3 cm wide and there is a large lens (10 cm by 5 cm); iron staining associated with the shear is moderate; sample 445041
ML-2011-TM-034	612717	5707381	Mafic volcanic; similar to previous outcrop but lacks quartz veins
ML-2011-TM-035	612822	5707453	Mafic volcanic; highly sheared; 2 to 4 cm quartz veins in shear; quartz veins are continuous for 5 m, 2 smaller parallel smoky quartz veins (<1 cm) pinch and swell in shear; quartz veins are about 1 m apart; sample 445042
ML-2011-TM-036	613048	5707275	Mafic volcanic; highly sheared; foliation is parallel to shearing; no sulphides or quartz
ML-2011-TM-037	613252	5707300	Mafic volcanic; Stock work of <1 mm white to pink veins; no sulphides or quartz
ML-2011-TM-038	613667	5707470	More mafics in gabbro than previously noted at McVicar Lake; iron staining in joints; no quartz or sulphides; shearing present; some feldspar porphyry veins in shear
ML-2011-TM-039	613690	5707035	Fine grained intermediate volcanic; iron staining on weathered surface; no quartz or sulphides observed
ML-2011-TM-040	613582	5706903	Mafic volcanic; feldspar porphyry dyke parallel to shear; iron stained near shear; <1 mm pink to white veins parallel to shear; no quartz veins or sulphides
ML-2011-TM-041	612729	5706718	Mafic volcanic; gneissic; some mafic lenses; some 5 mm white quartz veins parallel to foliation
ML-2011-TM-042	612576	5706719	Claim Post #3 for 4261490

ML-2011-TM-043	612569	5706817	Granite; small white quartz veins; gneissic; quartz parallel to foliation
ML-2011-TM-044	612567	5707123	Mafic volcanic; some 4 to 7cm by 2 to 3 cm quartz lenses in shear; feldspar porphyry dyke parallel to shear; iron staining in shear; highly sheared outcrop
ML-2011-TM-045	612559	5707512	Mafic volcanic; same as TM-040 without shearing and feldspar porphyry
ML-2011-TM-046	612572	5707350	Intermediate volcanic; much lighter in colour then previous; some shearing
ML2-2011-HK-001	607752	5710187	Andesite is greyish-green; up to 1% rust throughout rock; <1% ellipsoidal quartz-filled amygdules; quartz vein pinches and swells (2-5 cm); Sample 444629
ML2-2011-HK-002	607729	5710189	Andesite is porphyritic (feldspar phenocrysts); quartz vein pinches and swells (1-10 cm) along strike and strike varies from 270 to 300; sample 444630
ML2-2011-HK-003	607676	5710200	Andesite; sheared contact between granite and volcanics; sheared quartz veins (white with bluish patches) 1-6 cm wide (~5 veins across 1 m)
ML2-2011-HK-004	607550	5710194	Andesite; outcrop is where sample #445030 was taken; pillowed volcanics; pillow selvedges appear brecciated; fracture fills of quartz gashes throughout outcrop; bluish grey quartz appears to occur as part of pillow selvedges or as pillow cores
ML2-2011-HK-005	608019	5710093	Andesite; 1% rust flecks (possibly disseminated sulphides) in volcanics surrounding quartz vein; rusty surface adjacent to quartz vein (remainder of outcrop is not rusty); sample 444631
ML2-2011-HK-006	608039	5710109	Andesite; quartz veins thin (up to 2 cm) and discontinuous (appears to be a continuation of the quartz vein sampled at station ML2-2011-HK-005); Sample 444631
ML2-2011-HK-007	608174	5709971	Granite; isolated patches of quartz blebs (up to 15 cm long; elongated parallel to foliation)
ML2-2011-HK-008	608315	5709685	Massive white granite; grain size 1-5 mm; quartz veins 0.5-1 cm
ML2-2011-HK-009	608537	5709766	Pillowed intermediate volcanics (pillows trend 336); quartz filling pillow selvedges; 1% disseminated rust; thin quartz veins parallel to foliation (1-2 mm); narrow boudinaged blue-grey quartz (max. 1.5 cm)
ML2-2011-HK-010	608176	5709964	White granite; narrow quartz veins (< 1cm) parallel to foliation
ML2-2011-HK-011	607830	5710451	Intermediate volcanics; sheared contact between granite and volcanics (volcanics on north side); highly contorted
ML2-2011-HK-012	606636	5714607	Fine grained gabbro with white feldspar phenocrysts
ML2-2011-HK-013	606561	5714649	Fine grained feldspar-phyric gabbro; elongated green veinlets (possibly chlorite) form a stockwork; veins are <1 cm; 2 orientations oblique to each other (Az325 and Az282)
ML2-2011-HK-014	606299	5715177	Picket number L 77E 2725S
ML2-2011-HK-015	606207	5715323	Claim post number 4253201

ML2-2011-PT-001	607270	5714920	Tonalite; channel sample; rusty granite with 3 cm quartz vein; sample 444821
ML2-2011-PT-002	607270	5714920	Tonalite; grab sample of 3.5 cm quartz vein taken from the wall of channel sample 444821; sample 444511
ML2-2011-PT-003	602259	5713285	Tonalite consisting of approximately 10% rounded to subrounded 1.5 mm quartz grains; pockets host approximately 5% large pyrite cubes (pockets and clusters); quartz veins are more porphyritic than magmatic and that amount of pyrite is not reflected in surface rusty areas; sample 444512
ML2-2011-PT-004	602263	5713283	Tonalite approx 1 m long; several cm thick quartz veins; 2-3% pyrite in pockets at edge of quartz veins; minor arsenopyrite; quartz grains oval and elongated in fractures; sample 444513
ML2-2011-PT-005	602256	5713280	Tonalite; approx 5 straight elongated quartz veins; white quartz subparallel; no rusty surface; minor re-crystallized pyrite; sample 444514
ML2-2011-PT-006	602261	5713280	Sulfide in tonalite; 0.5 m; sample 444515
ML2-2011-PT-007	602250	5713265	White grey weathering of tonalite with a rusty patch (40 cm by 30 cm) marked by quartz vein swarm; subparallel 1-2 cm thick quartz veins that contain up to 5% pyrite re-crystallized in mm thick streaks; sample 444516
ML2-2011-PT-007	602249	5713275	Tonalite; multiple quartz veins; pyrite and pyrrhotite disseminated throughout the tonalite; sulphides accumulated at fractures and quartz veins; sample 444517
ML2-2011-PT-008	602242	5713272	Tonalite; mafic dyke; shear zone 5 cm wide and very narrow (0.2 cm) sulphide containing quartz veins; sample 444518
ML2-2011-PT-009	602244	5713270	3% sulfides in tonalite; 3-2 cm quartz veins; sample 444519
ML2-2011-PT-010	602239	5713268	Seven 1cm quartz veins in sheared melo-tonalite; pyrite crystals in cavities; 5% sulfides; quartz vein Az066. channel sample Az161; sample 444520
ML2-2011-PT-011	602242	5713263	Three 2 cm quartz veins in tonalite; 1% sulfides; sample 444521
ML2-2011-PT-012	602243	5713261	Intensely sheared tonalite zone; veins of massive sulfide; one 18 cm quartz vein; 15% sulfides; sample 444522
ML2-2011-PT-013	602232	5713261	Competent tonalite; 4 quartz veins 1-7 cm; 1% sulfides; sample 444523
ML2-2011-PT-014	602224	5713264	Rusty tonalite; one 19 cm quartz vein; sample 444524

APPENDIX B

Detailed Mapping of the Hydraulically Shonia Stripped Area

Station	Structure	Strike	Dip	Comments
22.5N100E	Fault zone	Az 250º	65º	
22N100E	Quartz vein	Az 325º	45º	
22N102E	Quartz vein	Az 145º	30º	1 cm vein
22N103E	Quartz-carbonate vein	Az 195º	25º	1 cm quartz carbonate vein
23N100E	Quartz vein	Az 68º	80º	2 cm rusty vein
23N100E	Quartz vein	Az 76º	80º	1 cm vein
23N104E	Quartz vein	Az 60º	70º	2 cm rusty vein
25N104E	Quartz vein	Az 78º	60º	
26N100E	Quartz-carbonate vein	Az 244º		3 gash and fill quartz-carbonate veins over 2 m up to 4 cm wide
27N100E	Quartz vein	Az 260º	90º	Two 1 cm veinlets
27N109E	Quartz vein	Az 250º	90º	1 m vein set consisting of 1-2 cm veinlets (subparallel to vein set at station 31N100-109E)
28N98E	Quartz vein	Az 80º	60º	
29N100E	Quartz vein	Az 35º	20º	
30.5N94E	Quartz-carbonate vein	Az 325º	90º	Rusty quartz-carbonate vein <1 cm
30.5N99E	Quartz vein	Az 276º	80º	1 cm narrow quartz vein
31N100-109E	Quartz vein	Az 65º		Series of veins 0.5 m wide; 10 m strike length; abruptly stop and hit structure (1 m right lateral offset)
31N109E	Fault (dextral)	Az 130º	60º	1 m right lateral offset of quartz veins at station 31N100-109E
32N92E	Quartz vein	Az 238º	50º	Small rusty stockwork
32N94E	Quartz-carbonate vein	Az 172º	45º	Quartz carbonate vein (not very long)
33N100E	Quartz-pyrite veins	Az 275º		0.5 m stockwork of rusty quartz-pyrite veins; strike length 5 m (tapers to one vein)
35N102E	Quartz-carbonate vein	Az 200º	45º	Rusty stockwork of four quartz-carbonate veins (1-2 cm); multiple orientations
35N102E	Quartz-carbonate vein	Az 360º	20º	Rusty stockwork of four quartz-carbonate veins (1-2 cm); multiple orientations
35N92E	Quartz vein	Az 55º	80º	1 cm wide
35N94E	Quartz vein	Az 300º	70º	1 x 1 m stockwork of veins
35N94E	Quartz vein	Az 60º	90º	1 x 1 m stockwork of veins
36N102E	Fault	Az 95º	45º	Slickenslides indicate dip-slip motion
37N102E	Quartz vein	Az 30º	65º	2-3 m strike length
37N104E	Quartz vein	Az 4º	70º	Irregular vein 2 cm wide; strike length 2-3 m
37N95E	Quartz vein	Az 90º	90º	Three veinlets
38N104E	Quartz vein	Az 105º	10º	two narrow quartz vein
38N106E	Quartz-pyrite vein	Az 350º	75º	Quartz-pyrite veinlet

38N113E	Quartz vein	Az 60º	60º	
39N100E	Quartz vein	Az 104º	20º	Four veinlets (<1 cm); right lateral offset
40N106E	Quartz-pyrite vein	Az 260º	85º	Adjacent to sample #212059; 5 cm wide quartz-pyrite vein 15 m long
40N117E	Quartz vein	Az 280º	90º	Two 1-2 cm quartz veins 1 m south of 15 m long vein (station 40N106E)
40N95E	Quartz vein	Az 92º	45º	1 cm veinlet
41N91E	Quartz vein	Az 10º	60º	
41N94E	Quartz pod/fault	Az 270º	65º	0.5 x 0.5 quartz pod; fracture controlled (fractures=fault?); several fractures across outcrop
42N93E	Quartz vein	Az 290º	80º	0.3 m wide; right lateral offset
44N100E	Fault/shear	Az 300º	65º	Large structure (fault or shear zone) extends across outcrop, forming a gully 0.5-1 m wide
44N113E	Quartz vein	Az 58º	80º	Rusty vein; 1-4 cm (pinches and swells)' 4 m strike length
45N103E	Fault	Az 350º	60º	Truncated four parallel veins (station 47N103E)
47N103E	Quartz vein	Az 60º	65º	Four parallel veins over 4 m; 2 cm wide; 5 m strike length; truncated by fault
47N111E	Quartz vein	Az 50º	60º	
47N111E	Quartz vein	Az 40º	30º	0.5 cm wide
47N111E	Shear zone	Az 144º	80º	Shear zone also associated with quartz vein
47N114E	Quartz ven	Az 22º	75º	0.5 cm rusty quartz vein
48N107E	Quartz vein	Az 50º	50º	1 cm quartz vein
49.5N105E	Quartz-carbonate vein	Az 48º	60º	2 cm rusty quartz-carbonate vein
49N116E	Quartz-carbonate vein	Az 18º	60º	1-2 cm quartz-carbonate vein
50N103E	Quartz-carbonate vein	Az 42º	65º	Series of northeast trending veins; two 2 cm veins; 4 m strike length
50N118E	Quartz vein	Az 120º	85º	0.5 cm vein
50N98E	Quartz-carbonate vein	Az 32º	60º	1 cm rusty quartz-carbonate vein
51N95E	Quartz-carbonate vein	Az 44º	60º	
51N97E	Quartz-pyrite vein	Az 30º	65º	Rusty quartz-pyrite vein
53N103E	Quartz-carbonate vein	Az 35º	60º	Rusty
55N120E	Quartz vein	Az 4º	50º	
58N105E	Quartz vein	Az 40º	90º	5 cm quartz vein
58N108E	Quartz vein	Az 20º	90º	Three irregular veins
58N109E	Quartz vein	Az 86º	90º	1 cm vein
58N109E	Fault (dextral)	Az 310º	90º	Right lateral offset of vein (station 58N109E) 15 cm
58N110E	Quartz vein	Az 35º	40º	
60N116E	Quartz vein	Az 50º	60º	
60N116E	Quartz vein	Az 30º	60º	
60N117E	Quartz vein	Az 20º	40º	

60N128E	Quartz vein	Az 50º	50º	Two 4 cm quartz veins separated by 1 m
60N95E	Quartz vein	Az 44º	80º	
61N100E	Quartz vein	Az 70º	80º	2 cm quartz vein; 4 m strike length
61N108E	Quartz vein	Az 20º	60º	
61N111E	Quartz vein	Az 33º	60º	
61N113E	Quartz vein	Az 24º	60º	
62N101E	Quartz veinn	Az 20º	85º	Stockwork of 6 rusty quartz veins over 1 m
62N125E	Fault/shear	Az 265º	50º	Northeast trending veins are truncated by one of two parallel faults separated by 2-3 m
62N130.5E	Quartz vein	Az 50º	30º	2 cm vein; 5 m strike length
62N99E	Quartz vein	Az 70º	75º	1-4 cm vein
63N96E	Quartz vein	Az 40º	80º	Narrow quartz veins
63N96E	Quartz vein	Az 85º	70º	Narrow quartz veins
64N133E	Quartz vein	Az 50º	80º	2 cm vein
64N94E	Quartz vein	Az 20º	70º	1 cm quartz vein
64N98E	Quartz vein	Az 20º	80º	1-2 cm quartz vein
64N99E	Quartz vein	Az 32º	70º	Two quartz veins separated by 0.5 m
65N112E	Quartz-carbonate vein	Az 40º	40º	10 cm quartz-carbonate vein
65N116E	Quartz-carbonate vein	Az 35º	68º	12 cm quartz-carbonate vein
67N109E	Quartz vein	Az 28º	62º	Vein is dragged into E-W structure (station 62N125E), suggesting possible left lateral movement along fault
68N100E	Quartz vein	Az 85º	70º	
68N116E	Quartz-carbonate vein	Az 55º	70º	2 cm rusty quartz-carbonate vein
69N100E	Quartz vein	Az 132º	65º	1 cm vein
69N100E	Quartz vein	Az 45º	50º	Two veins separated by 0.5 m
70.5N100E	Quartz vein	Az 88º	70º	
70N100E	Quartz vein	Az 140º	60º	
70N91E	Quartz vein	Az 300º	90º	2 cm quartz vein; also a continuation of E-W quartz veins
70N94E	Quartz vein	Az 80º	75º	
70N97E	Quartz vein	Az 80º	70º	Four veins
73N88E	Quartz vein	Az 50º	75º	
73N89E	Quartz vein	Az 32º	70º	
73N90E	Quartz vein	Az 32º	70º	
73N94E	Quartz vein	Az 40º	70º	
75N106E	Quartz vein	Az 48º	40º	Three 3 cm quartz veins (0.5 m spacing); slickenslides in dip face
77N96E	Quartz vein	Az 63º	75º	15 cm quartz vein
78N100E	Fault	Az 260º	65º	

78N95.5E	Quartz vein	Az 175º	80º	1 cm quartz vein
80N100E	Quartz vein	Az 44º	60º	
80N102E	Quartz vein	Az 40º	80º	
85N87E	Quartz vein	Az 40º	60º	
86N87E	Quartz vein	Az 50º	65º	2 cm quartz vein
88.5N92E	Quartz vein	Az 76º	90º	Drag fold in vein
88N91E	Quartz vein	Az 30º	62º	
89N84E	Quartz vein	Az 60º	60º	
90N884E	Quartz vein	Az 45º	60º	
91N90E	Quartz vein	Az 130º	65º	1 m wide zone; multiple quartz veins 2-10 cm
93N94E	Fault/Quartz vein	Az 82º	70º	Multiple quartz veins over 1 m truncated by E-W trending structure
94N84E	Quartz vein	Az 325º	90º	
94N84E	Quartz vein	Az 44º	70º	Veins may potentially continue to the northwest off the edge of the outcrop
98N100E	Quartz vein	Az 78º	90º	15 cm quartz vein
98N97E	Quartz vein	Az 86º	55º	
100N94E	Quartz vein	Az 20º	80º	

APPENDIX C

Descriptions of Soil Samples (UTM NAD 83, Zone 15)

Station	Easting	Northing	Line E	Line N	Horizon	Location	Colour	Grain Size	Depth (cm)	Comments	Assays			
											Ag (PPM)	As (PPM)	Au (PPB)	Cu (PPM)
ML-2011-AL-001A	607309	5714849	1000	950	A	Flat Lying	Black	Fine	2-4	swamp with black spruce				
ML-2011-AL-002A	607318	5714807	1000	925	A	Well Drained ridge	Black		2-4	Just south of a bush trail				
ML-2011-AL-002B	607318	5714807	1000	925	B	Well Drained ridge	Grey	Medium	6	Just south of a bush trail	<0.1	<0.5	1.7	1.5
ML-2011-AL-002C	607318	5714807	1000	925	C	Well Drained ridge	Orange Brown	Medium	40	Just south of a bush trail	<0.1	1.4	1.1	9
ML-2011-AL-003A	607309	5714772	1000	900	A	Flat Lying	Black	Fine	5	25 m from tonalite				
ML-2011-AL-003B	607309	5714772	1000	900	B		Black & brown		40		<0.1	<0.5	2.4	11.5
ML-2011-AL-004A	607310	5714739	1000	875	A	Flat Lying	Black	Fine	40	It smells				
ML-2011-AL-005A	607309	5714711	1000	850	A	Slightly elevated ridge	Black	fine	2-5					
ML-2011-AL-005B	607309	5714711	1000	850	B	Slightly elevated ridge	brown	fine	10	clay	<0.1	0.9	<0.5	5.0
ML-2011-AL-005C	607309	5714711	1000	850	C	Slightly elevated ridge	light brown	Medium	40	sandy clay with boulders	<0.1	<0.5	1.6	2.6
ML-2011-AL-006A	607309	5714677	1000	825	A		Black	Fine	2	black organic material				
ML-2011-AL-006B	607309	5714677	1000	825	B		brown	Fine	10	clay with some boulders	<0.1	<0.5	1.7	2.3
ML-2011-AL-006C	607309	5714677	1000	825	C		Grey	Fine	30	clay with some boulders	<0.1	<0.5	2.3	3.5
ML-2011-AL-007A	607311	5714649	1000	800	A	ridge	black organic	Fine						
ML-2011-AL-007B	607311	5714649	1000	800	B	ridge	grey sandy clay	Medium			<0.1	0.7	2.2	2.2
ML-2011-AL-007C	607311	5714649	1000	800	C	ridge	brown orange				<0.1	0.5	0.9	6
ML-2011-AL-008A	607156	5714673	850	825	A	Well Drained ridge	black	Fine	4	Organic Rich				
ML-2011-AL-008B	607156	5714673	850	825	B	Well Drained ridge	grey		10	sandy soil	<0.1	<0.5	9.8	4.8
ML-2011-AL-	607156	5714673	850	825	C	Well Drained ridge	brown	Medium	30	sandy clay	<0.1	1.3	5.5	4.7

008C														
ML-2011-AL-009A	607159	5714704	850	850	A	Well Drained ridge	black			Organic Rich				
ML-2011-AL-009B	607159	5714704	850	850	B	Well Drained ridge	grey	Medium		sandy clay	<0.1	<0.5	6.2	2.3
ML-2011-AL-009C	607159	5714704	850	850	C	Well Drained ridge	brown	Medium		sandy clay	<0.1	1.1	4.4	8.8
ML-2011-AL-010A	607153	5714733	850	875	A		black		4	Organic Rich				
ML-2011-AL-010B	607153	5714733	850	875	B		brown-orange		30		<0.1	<0.5	5.0	6.3
ML-2011-AL-011A	607153	5714756	850	900	A	swamp - poor drainage	black	Fine	10	smelly organics				
ML-2011-AL-012B	607157	5714798	850	925	B		grey	Medium	4		<0.1	0.6	3.0	2.0
ML-2011-AL-012C	607157	5714798	850	925	C		brown-orange	Medium	30		<0.1	1.8	6.3	5.3
ML-2011-AL-013A	607159	5714837	850	950	A	Well Drained ridge	black	Fine	4	Organic Rich				
ML-2011-AL-013B	607159	5714837	850	950	B	Well Drained ridge	grey	Medium		sandy clay	<0.1	0.8	10.2	3.0
ML-2011-AL-013C	607159	5714837	850	950	C	Well Drained ridge	brown	Fine		clay - north of trail	<0.1	0.9	3.4	6.6
ML-2011-AL-014A	607150	5714869	850	975	A	Well Drained ridge	black			Organic Rich				
ML-2011-AL-014B	607150	5714869	850	975	B	Well Drained ridge	grey	Fine		sandy clay	<0.1	0.6	3.6	1.4
ML-2011-AL-014C	607150	5714869	850	975	C	Well Drained ridge	brown	Fine		clay	<0.1	2.6	2.4	4.2
ML-2011-AL-015A	607150	5714883	850	1000	A		black			Organic Rich				
ML-2011-AL-015B	607150	5714883	850	1000	B		grey			clay with some boulders	<0.1	0.6	4.4	2.4
ML-2011-AL-015C	607150	5714883	850	1000	C		brown - orange				<0.1	1.1	2.3	9.4
ML-2011-AL-016A	607147	5714917	850	1025	A	gently sloped				not sampled				
ML-2011-AL-016B	607147	5714917	850	1025	B	gently sloped	grey	Medium	10	sand	<0.1	<0.5	2.6	2.3
ML-2011-AL-	607147	5714917	850	1025	C	gently sloped	reddish brown	Medium	30	sand	<0.1	0.9	6.8	7.7

016C														
ML-2011-AL-017B	607143	5714947	850	1050	B	Well Drained ridge	grey				<0.1	0.8	13.1	4.5
ML-2011-AL-017C	607143	5714947	850	1050	B		reddish brown				<0.1	1.8	3.2	9.2
ML-2011-AL-018B	607146	5714979	850	1075	B		grey			clay	<0.1	<0.5	1.4	0.9
ML-2011-AL-018C	607146	5714979	850	1075	C		reddish brown			sand	<0.1	1.7	8.7	5.8
ML-2011-AL-019B	607152	5715005	850	1100	B	Well Drained ridge	reddish brown			on an old cut line	0.5	1.9	6.4	44.6
ML-2011-AL-019C	607152	5715005	850	1100	C	Well Drained ridge	grey clay				<0.1	0.7	1.8	26.6
ML-2011-AL-020A	607148	5715028	850	1125	C	wetlands	black			organic rich	0.4	4.8	27	91.7
ML-2011-AL-021C	607150	5715051	850	1150	C						<0.1	1.7	3.1	5.9
ML-2011-AL-023B	607282	5715112	1000	1175	B		grey clay				<0.1	<0.5	1.9	6.0
ML-2011-AL-023C	607282	5715112	1000	1175	C	gently sloped	reddish clay				<0.1	<0.5	0.8	4.2
ML-2011-AL-024B	607282	5715088	1000	1150	B	Well Drained ridge	grey							
ML-2011-AL-024C	607282	5715088	1000	1150	C	Well Drained ridge	reddish				<0.1	1.7	0.7	11
ML-2011-AL-026C	607303	5715050	1000	1100	C	Well Drained ridge	reddish brown			under root	<0.1	1.8	1.1	7.9
ML-2011-AL-027C	607296	5714988	1000	1050	C	Well Drained ridge	grey			under root, broken rock	<0.1	<0.5	1.9	1.3
ML-2011-AL-028C	607263	5714949	1000	1025	C	ridge	reddish clay			under root, near trenches, ddh and adjoining Shonia stripped area	<0.1	7.6	124	4.4
ML-2011-HK-001A	607391	5714932	1100	1000	A	Side of a Hill	Black	Fine	4-6	Organic Rich				
ML-2011-HK-001B	607391	5714932	1100	1000	B	Side of a Hill	Grey	Coarse	6-9		<0.1	<0.5	1.6	3.9
ML-2011-HK-001C	607391	5714932	1100	1000	C	Side of a Hill	Orange Brown	Medium	9+		<0.1	0.7	0.6	5.6
ML-2011-HK-	607383	5714905	1100	975	A	Side of a Hill	Black	Fine	10+	Organic Rich				

002A														
ML-2011-HK-003A	607397	5714880	1100	950	A	Flat Lying	Black	Fine	10+	Organic Rich				
ML-2011-HK-004B	607403	5714848	1100	925	B	Small Hill Top	Grey	Coarse			<0.1	<0.5	<0.5	1.3
ML-2011-HK-004C	607403	5714848	1100	925	C	Small Hill Top	Orange Brown	Medium			<0.1	1.1	0.8	4.5
ML-2011-HK-005A	607373	5714824	1100	900	A		Black	Fine	4-6	Organic Rich				
ML-2011-HK-005B	607373	5714824	1100	900	B		Grey	Coarse	6-9		<0.1	<0.5	3.2	0.8
ML-2011-HK-005C	607373	5714824	1100	900	C		Orange Brown	Medium	9+		<0.1	1.4	0.8	7
ML-2011-HK-006B	607401	5714798	1100	875	B	Flat Lying	Grey	Coarse	4-8		<0.1	<0.5	10.6	2.1
ML-2011-HK-007B	607387	5714954	1100	1025	B	Side of a Hill	Grey	Coarse	10-12		<0.1	<0.5	7.5	3.9
ML-2011-HK-008	607390	5714988	1100	1050	A	Bottom of Hill	Black	Fine	10-20	Organic Rich				
ML-2011-HK-009B	607393	5715099	1100	1150	B	Flat Lying	Grey	Coarse	0-6	In area that may have been disturbed by stripping	<0.1	0.8	1.7	2.1
ML-2011-HK-009C	607393	5715099	1100	1150	C	Flat Lying	Orange Brown	Medium	6+	In area that may have been disturbed by stripping	<0.1	1.5	0.8	12.5
ML-2011-HK-010B	607400	5715128	1100	1175	B	Flat Lying	Grey	Coarse	2-8		<0.1	0.9	3.4	2.6
ML-2011-HK-010C	607400	5715128	1100	1175	C	Flat Lying	Orange Brown	Medium	8+		<0.1	1.1	1	6.3
ML-2011-HK-011A	607405	5715150	1100	1200	A	Flat Lying	Black	Fine	2-4	Organic Rich				
ML-2011-HK-011B	607405	5715150	1100	1200	B	Flat Lying	Grey	Coarse	2-4		<0.1	<0.5	1.6	2.8
ML-2011-HK-011C	607405	5715150	1100	1200	C	Flat Lying	Orange Brown	Medium	7+		<0.1	<0.5	0.5	5

APPENDIX D

TSL Certificates of Analysis

TSL LABORATORIES
2 - 302 48th Street · Saskatoon, SK S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Wildcat Exploration Limited
Geologist:	T. Lewis
Project:	McVicar
Purchase Order:	
TSL Report:	S43323
Date Received:	Jun 01, 2011
Date Reported:	Jun 08, 2011
Invoice:	63364
Remarks:	Some samples exhibit gold nugget effect

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	124	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

Pulp Size: ~250 grams

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).
Samples for Ag (ppm) are weighed at 1 gram.

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	6500
Ag	ppm	HCl-HNO_3/AA	0.2	50

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Wildcat Exploration Limited
203 - 1780 Wellington Avenue
Winnipeg, MB R3H 1B3

REPORT No.
S43323

SAMPLE(S) OF 124 Rock/0 Pulp

INVOICE #:63364
P.O.:

T. Lewis
Project: McVicar

	Au g/t	Au1 g/t	Ag ppm	File Name
444501	<.03	<.03	0.2	S43323
444502	<.03		0.3	S43323
444503	<.03		0.3	S43323
444504	<.03		<0.2	S43323
444505	0.24		<0.2	S43323
444506	<.03	<.03	<0.2	S43323
444601	0.03		<0.2	S43323
444602	<.03		<0.2	S43323
444603	<.03		<0.2	S43323
444604	<.03		<0.2	S43323
444605	<.03	<.03	0.2	S43323
444606	<.03		<0.2	S43323
444607	<.03		<0.2	S43323
444608	<.03		<0.2	S43323
444609	<.03		0.3	S43323
444610	<.03		<0.2	S43323
444611	<.03		<0.2	S43323
444612	<.03		<0.2	S43323
444613	<.03		<0.2	S43323
444614	<.03		<0.2	S43323

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SAMPLE(S) OF 124 Rock/0 Pulp

INVOICE #:63364
P.O.:

T. Lewis
Project: McVicar

	Au g/t	Aul g/t	Ag ppm	File Name
444615	<.03	<.03	<0.2	S43323
444616	<.03		<0.2	S43323
444617	<.03		<0.2	S43323
444618	<.03		0.2	S43323
444619	2.57		0.4	S43323
444620	<.03	<.03	<0.2	S43323
444621	<.03		<0.2	S43323
444622	0.03		<0.2	S43323
444623	0.31		<0.2	S43323
444624	0.03		<0.2	S43323
444625	<.03	<.03	<0.2	S43323
444626	<.03		0.7	S43323
444628	<.03		<0.2	S43323
444801	<.03		<0.2	S43323
444802	<.03		<0.2	S43323
444803	<.03		<0.2	S43323
444804	0.79		0.2	S43323
444805	1.68		0.5	S43323
444806	1.99		0.9	S43323
444807	<.03		<0.2	S43323

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	Au g/t	Au1 g/t	Ag ppm	File Name
444808	<.03	<.03	<0.2	S43323
444809	<.03		<0.2	S43323
444810	<.03		<0.2	S43323
444811	<.03		<0.2	S43323
444812	<.03		<0.2	S43323
444813	<.03	<.03	<0.2	S43323
444814	<.03		<0.2	S43323
444815	0.58		<0.2	S43323
444816	0.99		<0.2	S43323
444817	<.03		<0.2	S43323
444818	0.27	0.24	<0.2	S43323
444819	0.21		<0.2	S43323
444820	8.20	6.79	4.4	S43323
444822	0.75		0.3	S43323
444823	0.55		0.2	S43323
444824	0.79		0.2	S43323
444825	<.03		<0.2	S43323
444826	0.14		<0.2	S43323
444827	0.24		<0.2	S43323
444828	<.03		<0.2	S43323

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	Au g/t	Au1 g/t	Ag ppm	File Name
444829	1.10	1.30	0.7	S43323
444830	<.03		<0.2	S43323
444831	<.03		<0.2	S43323
444832	<.03		<0.2	S43323
444833	0.03		<0.2	S43323
444834	0.48	0.34	0.2	S43323
444835	0.58		0.4	S43323
444836	0.03		<0.2	S43323
444837	0.07		<0.2	S43323
444838	0.45		0.2	S43323
444839	0.45	0.31	0.3	S43323
444840	<.03		<0.2	S43323
444841	0.03		<0.2	S43323
444842	<.03		<0.2	S43323
444843	<.03		<0.2	S43323
444844	<.03		<0.2	S43323
444845	<.03		<0.2	S43323
444846	<.03		<0.2	S43323
444847	<.03		<0.2	S43323
444848	<.03		<0.2	S43323

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REPORT No.
S43323

SAMPLE(S) OF

124 Rock/0 Pulp

INVOICE #:63364
P.O.:

T. Lewis
Project: McVicar

	Au g/t	Au1 g/t	Ag ppm	File Name
444849	0.24	0.34	<0.2	S43323
444850	<.03		<0.2	S43323
444851	0.03		<0.2	S43323
444852	0.03		<0.2	S43323
444853	0.82		0.2	S43323
444854	0.41	0.27	<0.2	S43323
444855	1.58		0.2	S43323
444856	0.45		0.3	S43323
444857	0.38		0.2	S43323
444858	0.34		<0.2	S43323
444859	0.21	0.27	<0.2	S43323
444860	<.03		<0.2	S43323
444861	<.03		<0.2	S43323
444862	<.03		0.3	S43323
444863	<.03		<0.2	S43323
444864	<.03		0.4	S43323
444865	20.71	16.02	4.2	S43323
444866	<.03		0.3	S43323
444867	<.03		0.3	S43323
444868	6.28	4.70	<0.2	S43323

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SAMPLE(S) OF 124 Rock/0 Pulp

INVOICE #:63364
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Project: McVicar

	Au g/t	Au1 g/t	Ag ppm	File Name
444869	<.03	<.03	0.3	S43323
445002	<.03		<0.2	S43323
445003	<.03		<0.2	S43323
445004	<.03		<0.2	S43323
445005	<.03		<0.2	S43323
445006	<.03	<.03	<0.2	S43323
445007	<.03		<0.2	S43323
445008	<.03		0.7	S43323
445009	<.03		0.5	S43323
445010	0.41		14.3	S43323
445011	<.03	<.03	<0.2	S43323
445012	<.03		<0.2	S43323
445013	<.03		<0.2	S43323
445014	0.24		<0.2	S43323
445015	<.03		<0.2	S43323
445016	<.03		<0.2	S43323
445017	<.03		<0.2	S43323
445018	<.03		<0.2	S43323
445019	1.06		6.7	S43323
445020	<.03		0.3	S43323

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REPORT No.
S43323

SAMPLE(S) OF 124 Rock/0 Pulp

INVOICE #:63364
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Project: McVicar

	Au g/t	Au1 g/t	Ag ppm	File Name
445021	<.03		<0.2	S43323
445022	<.03		<0.2	S43323
445023	<.03		<0.2	S43323
445024	<.03		<0.2	S43323
HLHZ (.5 g)			50.9	S43323
HLHZ (.5 g)			50.6	S43323
HLHZ (.5 g)			51.4	S43323
HZ-3			28.7	S43323
HZ-3			26.8	S43323
HZ-3			27.2	S43323
GS-8B	7.89			S43323
GS-8B	7.65			S43323
GS-8B	7.99			S43323
GS-8B	7.96			S43323
GS-8B	7.85			S43323
GS-8B	7.61			S43323
GS-8B	7.68			S43323
GS-8B	7.75			S43323

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Company: Wildcat Exploration Limited
Geologist: H. Kyle
Project: McVicar
Purchase Order:

TSL Report: S43415
Date Received: Jun 07, 2011
Date Reported: Jun 14, 2011
Invoice: 63425

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	15	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

Pulp Size: ~250 grams

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).
Samples for Ag (ppm) are weighed at 1 gram.

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	6500
Ag	ppm	HCl-HNO_3/AA	0.2	50

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Wildcat Exploration Limited
203 - 1780 Wellington Avenue
Winnipeg, MB R3H 1B3

REPORT No.
S43415

SAMPLE(S) OF 15 Rock/0 Pulp

INVOICE #:63425
P.O.:

H. Kyle
Project: McVicar

	Au g/t	Au1 g/t	Ag ppm	File Name
444507	<.03		<0.2	S43415
444508	<.03		<0.2	S43415
444509	<.03		<0.2	S43415
444510	0.24		<0.2	S43415
444627	<.03		<0.2	S43415
444870	<.03		<0.2	S43415
444871	0.99		<0.2	S43415
445025	<.03		0.3	S43415
445026	<.03	<.03	<0.2	S43415
445027	<.03		<0.2	S43415
445028	<.03		<0.2	S43415
445029	<.03		<0.2	S43415
445030	1.20		<0.2	S43415
445031	<.03	<.03	<0.2	S43415
445032	<.03		<0.2	S43415
HLHZ (.5 g)			49.8	S43415
HZ-3			27.5	S43415
GS-8B	7.51			S43415

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Jun 14/11

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Mark Acres - Quality Assurance

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Company: Wildcat Exploration Limited
Geologist: T. Lewis
Project: McVicar
Purchase Order:

TSL Report: S43979
Date Received: Jul 07, 2011
Date Reported: Jul 14, 2011
Invoice: 63868

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	27	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

Pulp Size: ~250 grams

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).
Samples for Ag (ppm) are weighed at 1 gram.

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	6500
Ag	ppm	$HCl-HNO_3$/AA	0.2	50

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Winnipeg, MB R3H 1B3

REPORT No.
S43979

SAMPLE(S) OF 27 Rock/0 Pulp

INVOICE #:63868
P.O.:

T. Lewis
Project: McVicar

	Au g/t	Au1 g/t	Ag ppm	File Name
444511	<.03		<0.2	S43979
444512	<.03		0.7	S43979
444513	0.41		1.3	S43979
444514	<.03		0.6	S43979
444515	0.24	0.17	0.4	S43979
444516	0.31		0.5	S43979
444517	0.21		1.9	S43979
444518	<.03		0.3	S43979
444519	<.03		<0.2	S43979
444520	0.21	0.17	0.7	S43979
444521	<.03		1.1	S43979
444522	0.51		0.9	S43979
444523	0.24		0.7	S43979
444524	0.31		4.9	S43979
444629	4.22	4.08	0.4	S43979
444630	<.03		<0.2	S43979
444631	<.03		<0.2	S43979
444821	<.03		<0.2	S43979
445041	<.03		<0.2	S43979
445042	<.03		<0.2	S43979

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SAMPLE(S) FROM Wildcat Exploration Limited
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REPORT No.
S43979

SAMPLE(S) OF 27 Rock/0 Pulp

INVOICE #:63868
P.O.:

T. Lewis
Project: McVicar

	Au g/t	Aul g/t	Ag ppm	File Name
445043	<.03		<0.2	S43979
445044	<.03		<0.2	S43979
445045	<.03		<0.2	S43979
445046	<.03		<0.2	S43979
445047	<.03		<0.2	S43979
445048	0.03		0.3	S43979
445049	0.38		0.3	S43979
HLHZ (.5 g)			50.4	S43979
HZ-3			27.5	S43979
GS-8B	7.75			S43979
GS-8B	7.78			S43979

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Company: Wildcat Exploration Limited
Geologist: T. Lewis
Project: McVicar
Purchase Order:

TSL Report: S44036
Date Received: Jul 11, 2011
Date Reported: Jul 27, 2011
Invoice: 64030

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	3	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

Pulp Size: ~250 grams

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).
Samples for Ag (ppm) are weighed at 1 gram.

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	6500
Ag	ppm	HCl-HNO_3/AA	0.2	50

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SAMPLE(S) FROM

Wildcat Exploration Limited
203 - 1780 Wellington Avenue
Winnipeg, MB R3H 1B3

REPORT No.
S44036

SAMPLE(S) OF

3 Rock/0 Pulp

INVOICE #:64030
P.O.:

T. Lewis
Project: McVicar

	Au g/t	Ag ppm	File Name
445050	<.03	<0.2	S44036
445051	<.03	<0.2	S44036
445052	<.03	<0.2	S44036
HZ-3		27.5	S44036
HLHZ (.5 g)		50.5	S44036
GS-8B	7.51		S44036

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Company: Wildcat Exploration Limited
Geologist: P. Theyer
Project: McVicar
Purchase Order:

TSL Report: S44259
Date Received: Jul 21, 2011
Date Reported: Aug 10, 2011
Invoice: 64246

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	3	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

Pulp Size: ~250 grams

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).
Samples for Ag, Cu, Pb, Zn (ppm) are weighed at 1 gram

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	6500
Ag	ppm	HCl-HNO_3/AA	0.2	50
Cu	ppm	HCl-HNO_3/AA	1	5000
Pb	ppm	HCl-HNO_3/AA	1	5000
Zn	ppm	HCl-HNO_3/AA	1	5000

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

Wildcat Exploration Limited
203 - 1780 Wellington Avenue
Winnipeg, MB R3H 1B3

REPORT No.
S44259

SAMPLE(S) OF

3 Rock/0 Pulp

INVOICE #:64246
P.O.:

P. Theyer
Project: McVicar

	Au g/t	Ag ppm	Cu ppm	Pb ppm	Zn ppm	File Name
445033	.03	1.7				S44259
445001	.03	0.6				S44259
444701	.61	1.3	16	13	12	S44259
HLHZ (.5 g)		50.9	3835	4069	37884	S44259
HZ-3		28.0			31950	S44259

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Aug 10/11

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Company: Wildcat Exploration Limited
Geologist: T. Lewis
Project: McVicar
Purchase Order:

TSL Report: S45450
Date Received: Sep 20, 2011
Date Reported: Oct 14, 2011
Invoice: 65258

Remarks:

Sample Type:	Number	Size Fraction	Sample Preparation
Rock	7	Reject ~ 70% -10 mesh (1.70 mm) Pulp ~ 95% -150 mesh (106 µm)	Crush, Riffle Split, Pulverize
Pulp	0		None

Pulp Size: ~250 grams

Standard Procedure:

Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).
Samples for Ag, Cu (ppm) are weighed at 1 gram.
Base Metals (%) are weighed at 0.5 gram

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	g/tonne	Fire Assay/Gravimetric	0.03	6500
Ag	ppm	HCl-HNO_3/AA	0.2	50
Cu	ppm	HCl-HNO_3/AA	1	5000
Cu	%	HNO_3-HF-$HClO_4$-HCl/AA	0.01	80

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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Wildcat Exploration Limited
203 - 1780 Wellington Avenue
Winnipeg, MB R3H 1B3

REPORT No.
S45450

SAMPLE(S) OF 7 Rock/0 Pulp

INVOICE #:65258
P.O.:

T. Lewis
Project: McVicar

	Au g/t	Ag ppm	Ag g/t	Cu ppm	Cu %	File Name
444643	<.03	0.2		89		S45450
444644	<.03	<0.2		109		S45450
444645	<.03	1.2		2464		S45450
444927	0.27	<0.2		6		S45450
444928	2.71	>50	65.8	>5000	2.54	S45450
444929	1.17	3.6		1179		S45450
444930	10.6	10.9		4193		S45450
HLHZ (.5 g)		50.6		3761		S45450
HZ-3		27.3				S45450
GS-8B	8.02					S45450
HLHZ			100.7		.75	S45450
HZ-3			27.4		.61	S45450

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Company:	Wildcat Exploration Limited	TSL Report:	S45452
Geologist:	T. Lewis	Date Received:	Sep 20, 2011
Project:	McVicar	Date Reported:	Oct 14, 2011
Purchase Order:		Invoice:	65283

Sample Type:	Number	Size Fraction	Sample Preparation
Soil	27	-80 mesh	Dry, Screen

Pulp Size: ~250 grams

ICP-MS Aqua Regia Digestion $HCl-HNO_3$

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %

Element Name	Lower Detection Limit	Upper Detection Limit
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

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Tel: (306) 931-1033 Fax: (306) 242-4717

Wildcat Exploration Ltd.
Attention: P. Theyer
Project: McVicar
Sample: 27 Soil / 0 Pulp

Report No: S45452
Date: October 14, 2011

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
LINE850E C825N	<0.1	1.70	1.3	5.5	<20	28	0.1	0.10	<0.1	3.0	19.0	4.7	1.65	5	0.01	0.02	13	0.22	65	0.5	0.004	7.6	0.021
LINE850E C850N	<0.1	1.39	1.1	4.4	<20	32	<0.1	0.13	<0.1	4.9	21.0	8.8	1.70	3	0.03	0.03	13	0.23	92	0.3	0.006	10.9	0.041
LINE850E C925N	<0.1	0.80	1.8	6.3	<20	30	0.1	0.11	<0.1	3.5	33.0	5.3	1.59	6	0.04	0.02	10	0.19	77	0.5	0.005	8.2	0.031
LINE850E C950N	<0.1	0.99	0.9	3.4	<20	27	<0.1	0.25	<0.1	4.4	18.0	6.6	1.30	2	0.02	0.02	13	0.23	88	0.3	0.010	9.4	0.065
LINE850E C950N Re	<0.1	1.01	0.9	4.6	<20	27	<0.1	0.25	<0.1	4.4	18.0	6.5	1.30	2	0.01	0.02	13	0.24	88	0.2	0.010	9.6	0.068
LINE850E C975N	<0.1	0.94	2.6	2.4	<20	24	0.2	0.07	<0.1	4.2	19.0	4.2	2.42	8	0.02	0.05	8	0.28	75	0.5	0.003	8.3	0.086
LINE850E C1000N	<0.1	1.12	1.1	2.3	<20	35	<0.1	0.15	<0.1	5.6	23.0	9.4	1.76	4	0.01	0.03	16	0.28	94	0.4	0.003	13.0	0.055
LINE850E C1025N	<0.1	1.22	0.9	6.8	<20	31	0.1	0.18	<0.1	5.4	21.0	7.7	1.80	3	0.01	0.03	12	0.26	93	0.4	0.003	11.1	0.072
LINE850E C1050N	<0.1	1.09	1.8	3.2	<20	29	0.1	0.26	<0.1	7.0	26.0	9.2	2.49	4	0.02	0.04	11	0.34	135	0.8	0.004	13.0	0.105
LINE850E C1075N	<0.1	1.52	1.7	8.7	<20	33	0.2	0.12	<0.1	5.0	26.0	5.8	3.03	9	0.03	0.07	9	0.34	148	0.4	0.005	10.1	0.134
LINE850E C1100N	<0.1	0.61	0.7	1.8	<20	22	<0.1	0.29	0.2	3.3	15.0	26.6	1.14	2	0.01	0.03	29	0.20	135	0.2	0.009	7.2	0.061
LINE850E C1125N	0.4	1.87	4.8	27.0	<20	41	0.2	0.42	0.2	7.4	30.0	91.7	2.03	3	0.07	0.04	96	0.26	283	0.7	0.009	16.3	0.045
LINE850E C1150N	<0.1	1.37	1.7	3.1	<20	29	0.1	0.13	<0.1	4.4	22.0	5.9	1.89	4	0.04	0.02	9	0.20	75	0.4	0.004	8.9	0.050
LINE1000E C800N	<0.1	1.36	0.5	0.9	<20	26	<0.1	0.13	<0.1	3.4	18.0	6.0	1.10	3	<0.01	0.02	13	0.19	64	0.2	0.004	8.1	0.042
LINE1000E C825N	<0.1	0.83	<0.5	2.3	<20	25	<0.1	0.15	<0.1	3.1	13.0	3.5	0.95	3	<0.01	0.01	13	0.18	51	0.2	0.004	5.9	0.037
LINE1000E C850N	<0.1	0.47	<0.5	1.6	<20	17	<0.1	0.17	<0.1	1.7	15.0	2.6	0.46	3	0.01	0.01	7	0.14	30	0.2	0.004	4.0	0.009
LINE1000E C925N	<0.1	1.50	1.4	1.1	<20	39	<0.1	0.19	<0.1	7.0	21.0	9.0	1.74	3	<0.01	0.03	11	0.25	89	0.4	0.005	12.4	0.080
LINE1000E C1025N	<0.1	0.99	7.6	124.0	<20	20	0.3	0.08	0.1	1.7	13.0	4.4	1.75	5	0.03	0.03	8	0.11	49	0.7	0.002	4.3	0.043
LINE1000E C1050N	<0.1	0.47	<0.5	1.9	<20	17	0.1	0.03	<0.1	0.3	4.0	1.3	0.21	6	0.02	0.01	7	0.02	10	0.2	0.002	1.4	0.015
LINE1000E C1100N	<0.1	1.66	1.8	1.1	<20	19	<0.1	0.07	<0.1	2.1	15.0	7.9	2.07	4	0.05	0.03	10	0.13	42	0.7	0.002	4.7	0.035
LINE1000E C1150N	<0.1	1.32	1.7	0.7	<20	25	<0.1	0.13	<0.1	4.9	24.0	11.0	2.13	4	0.02	0.03	14	0.26	83	0.5	0.004	10.8	0.051
LINE1000E C1175N	<0.1	0.79	<0.5	0.8	<20	25	<0.1	0.11	<0.1	3.0	13.0	4.2	1.05	3	<0.01	0.02	10	0.18	59	0.2	0.003	6.9	0.028
LINE1100E C900N	<0.1	1.36	1.4	0.8	<20	22	<0.1	0.10	<0.1	3.3	22.0	7.0	2.00	4	0.03	0.02	9	0.16	55	0.4	0.003	7.8	0.035
LINE1100E C925N	<0.1	1.57	1.1	0.8	<20	59	<0.1	0.19	<0.1	4.9	19.0	4.5	1.42	3	0.01	0.03	9	0.19	65	0.2	0.005	13.0	0.061
LINE1100E C1000N	<0.1	0.72	0.7	0.6	<20	19	<0.1	0.16	<0.1	2.9	16.0	5.6	1.13	3	0.01	0.02	11	0.19	58	0.2	0.005	7.7	0.059
LINE1100E C1150N	<0.1	1.29	1.5	0.8	<20	36	<0.1	0.11	<0.1	6.8	32.0	12.5	2.83	5	0.02	0.03	10	0.29	112	0.4	0.004	17.0	0.074
LINE1100E C1175N	<0.1	1.13	1.1	1.0	<20	32	<0.1	0.12	<0.1	5.1	21.0	6.3	1.55	4	0.01	0.02	8	0.30	80	0.3	0.004	11.0	0.047
LINE1100E C1200N	<0.1	0.83	<0.5	0.5	<20	23	<0.1	0.15	<0.1	2.8	13.0	5.0	0.89	4	0.02	0.02	9	0.19	55	0.3	0.004	7.0	0.058
STD DS8	1.5	0.93	26.0	90.9	<20	275	7.0	0.66	2.6	8.2	119.0	115.5	2.43	4	0.19	0.41	16	0.61	594	13.8	0.083	38.8	0.075
STD OREAS45CA	0.3	4.06	3.7	52.5	<20	169	0.2	0.43	0.1	90.4	684.0	531.3	15.90	19	0.03	0.07	17	0.17	930	0.9	0.007	246.6	0.035
BLK	<0.1	<0.01	<0.5	0.6	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
STD OREAS45CA	0.3	3.46	3.6	37.2	<20	162	0.2	0.44	0.1	87.9	680.0	492.1	14.87	18	0.02	0.06	15	0.14	934	1.0	0.007	230.4	0.038
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001
STD DS8	1.9	0.91	21.9	92.8	<20	312	7.2	0.70	2.4	7.4	118.0	107.9	2.44	5	0.25	0.41	16	0.60	596	13.2	0.092	37.6	0.076
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 10 ml with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Wildcat Exploration Ltd.
Attention: P. Theyer
Project: McVicar
Sample: 27 Soil / 0 Pulp

Report No: S45452
Date: October 14, 2011

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Al	As	Au	B	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	%
STD OREAS45CA	0.3	3.81	3.6	40.3	<20	162	0.2	0.40	<0.1	85.6	619.0	495.0	15.07	18	0.03	0.07	16	0.14	897	0.5	0.009	248.7	0.036

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 10 ml with DI H2O.

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MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
LINE850E C825N	7.6	<0.05	<0.1	1.6	<0.5	8	<0.2	4.4	0.091	<0.1	0.5	32	<0.1	18
LINE850E C850N	4.9	<0.05	<0.1	1.6	<0.5	8	<0.2	5.2	0.090	<0.1	0.6	28	0.1	17
LINE850E C925N	7.8	<0.05	<0.1	1.3	<0.5	9	<0.2	3.1	0.115	<0.1	0.4	38	0.1	15
LINE850E C950N	3.0	<0.05	<0.1	1.4	<0.5	12	<0.2	3.4	0.074	<0.1	0.6	23	<0.1	14
LINE850E C950N Re	3.2	<0.05	<0.1	1.4	<0.5	12	<0.2	3.8	0.074	<0.1	0.6	22	<0.1	15
LINE850E C975N	7.2	<0.05	<0.1	1.1	<0.5	9	<0.2	3.0	0.131	<0.1	0.3	47	0.1	22
LINE850E C1000N	5.0	<0.05	<0.1	1.5	<0.5	15	<0.2	3.3	0.087	<0.1	0.4	29	0.1	19
LINE850E C1025N	4.8	<0.05	<0.1	1.3	<0.5	7	<0.2	3.8	0.077	<0.1	0.4	33	0.1	17
LINE850E C1050N	5.6	<0.05	<0.1	1.4	<0.5	8	<0.2	3.7	0.107	<0.1	0.5	42	0.2	24
LINE850E C1075N	10.6	<0.05	<0.1	1.6	<0.5	8	<0.2	3.1	0.075	<0.1	0.4	69	<0.1	28
LINE850E C1100N	3.6	<0.05	<0.1	1.6	<0.5	14	<0.2	6.5	0.072	<0.1	0.9	23	<0.1	69
LINE850E C1125N	6.3	<0.05	<0.1	4.3	<0.5	21	<0.2	9.2	0.075	0.2	5.9	28	<0.1	41
LINE850E C1150N	5.4	<0.05	<0.1	1.3	<0.5	5	<0.2	3.3	0.080	<0.1	0.4	33	<0.1	16
LINE1000E C800N	3.5	<0.05	<0.1	1.6	<0.5	6	<0.2	4.1	0.068	<0.1	0.5	19	0.1	13
LINE1000E C825N	3.8	<0.05	<0.1	1.0	<0.5	6	<0.2	2.7	0.060	<0.1	0.4	20	<0.1	10
LINE1000E C850N	3.9	<0.05	<0.1	0.8	<0.5	5	<0.2	1.5	0.056	<0.1	0.2	14	<0.1	7
LINE1000E C925N	4.9	<0.05	<0.1	1.8	<0.5	6	<0.2	4.0	0.076	<0.1	0.4	29	<0.1	20
LINE1000E C1025N	8.0	<0.05	<0.1	0.7	<0.5	4	<0.2	1.7	0.047	<0.1	0.3	30	<0.1	18
LINE1000E C1050N	7.8	<0.05	<0.1	0.4	<0.5	3	<0.2	0.1	0.029	<0.1	0.3	10	<0.1	4
LINE1000E C1100N	6.3	<0.05	<0.1	1.6	0.9	4	<0.2	3.8	0.062	<0.1	0.4	40	0.1	13
LINE1000E C1150N	5.5	<0.05	<0.1	1.5	0.7	5	<0.2	3.7	0.092	<0.1	0.5	37	0.3	19
LINE1000E C1175N	4.8	<0.05	<0.1	0.9	<0.5	5	<0.2	3.0	0.068	<0.1	0.3	22	<0.1	13
LINE1100E C900N	5.5	<0.05	<0.1	1.1	<0.5	4	<0.2	4.1	0.087	<0.1	0.3	35	<0.1	11
LINE1100E C925N	4.4	<0.05	<0.1	1.4	<0.5	9	<0.2	2.8	0.071	<0.1	0.3	22	<0.1	12
LINE1100E C1000N	3.9	<0.05	<0.1	1.0	<0.5	5	<0.2	2.2	0.067	<0.1	0.3	23	<0.1	12
LINE1100E C1150N	5.7	<0.05	<0.1	1.5	<0.5	5	<0.2	2.4	0.104	<0.1	0.3	48	0.1	17
LINE1100E C1175N	5.0	<0.05	<0.1	1.5	<0.5	6	<0.2	2.6	0.075	<0.1	0.3	32	<0.1	16
LINE1100E C1200N	4.6	<0.05	<0.1	1.0	<0.5	6	<0.2	1.8	0.073	<0.1	0.3	19	<0.1	10
STD DS8	114.4	0.16	4.8	2.2	5.6	70	4.6	7.0	0.125	4.9	2.7	37	2.3	311
STD OREAS45CA	21.2	<0.05	0.1	40.8	0.6	19	<0.2	7.6	0.169	<0.1	1.3	216	<0.1	60
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<2	<0.1	<1
STD OREAS45CA	19.9	<0.05	0.1	36.6	<0.5	14	<0.2	5.8	0.129	<0.1	1.0	211	<0.1	60
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<2	<0.1	<1
STD DS8	125.5	0.16	2.1	1.9	5.2	74	4.5	6.6	0.106	5.8	2.7	41	2.0	311
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<2	<0.1	<1

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3
at 95C for 1 hour and diluted to 10 ml with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES INC.

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4
Tel: (306) 931-1033 Fax: (306) 242-4717

Wildcat Exploration Ltd.
Attention: P. Theyer
Project: McVicar
Sample: 27 Soil / 0 Pulp

Report No: S45452
Date: October 14, 2011

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
STD OREAS45CA	20.4	<0.05	<0.1	37.1	<0.5	16	<0.2	7.1	0.110	<0.1	1.2	192	<0.1	61

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3
at 95C for 1 hour and diluted to 10 ml with DI H2O.

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Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street Saskatoon, SK S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Wildcat Exploration Limited	TSL Report:	S45451
Geologist:	T. Lewis	Date Received:	Sep 20, 2011
Project:	McVicar	Date Reported:	Oct 11, 2011
Purchase Order:		Invoice:	65209

Sample Type:	Number	Size Fraction	Sample Preparation
Soil	25	-80 mesh	Dry, Screen

Pulp Size: ~250 grams

ICP-MS Aqua Regia Digestion HCl-HNO_3

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm
Al *	0.01 %	10 %
As	0.5 ppm	10000 ppm
Au	0.5 ppb	100 ppm
B *	1 ppm	2000 ppm
Ba *	1 ppm	1000 ppm
Bi	0.1 ppm	2000 ppm
Ca *	0.01%	40 %
Cd	0.1 ppm	2000 ppm
Co	0.1 ppm	2000 ppm
Cr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm
Fe *	0.01%	40 %
Ga *	1 ppm	1000 ppm
Hg	0.01 ppm	100 ppm
K *	0.01%	10 %
La *	1 ppm	10000 ppm
Mg *	0.01%	30 %

Element Name	Lower Detection Limit	Upper Detection Limit
Mn *	1 ppm	10000 ppm
Mo	0.1 ppm	2000 ppm
Na *	0.001%	10 %
Ni	0.1 ppm	10000 ppm
P *	0.001%	5 %
Pb	0.1 ppm	10000 ppm
S	0.05 %	10 %
Sb	0.1 ppm	2000 ppm
Sc	0.1 ppm	100 ppm
Se	0.5 ppm	1000 ppm
Sr *	1 ppm	10000 ppm
Te	1 ppm	2000 ppm
Th *	0.1 ppm	2000 ppm
Ti *	0.001%	10 %
Tl	0.1 ppm	1000 ppm
U *	0.1 ppm	2000 ppm
V *	2 ppm	10000 ppm
W *	0.1 ppm	100 ppm
Zn	1 ppm	10000 ppm

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Wildcat Exploration Ltd.
Attention: P. Theyer
Project: McVicar
Sample: 25 Soil / 0 Pulp

Report No: S45451
Date: October 11, 2011

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element / Sample	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %
LINE 850E B 825N	<0.1	0.63	<0.5	9.8	<20	29	0.2	0.06	<0.1	1.5	9.0	4.8	0.93	5	0.04	0.02	10	0.09	34	0.5	0.004	3.7	0.014
LINE 850E B 850N	<0.1	0.23	<0.5	6.2	<20	22	0.1	0.03	<0.1	0.5	4.0	2.3	0.26	3	0.01	0.01	7	0.02	12	0.2	0.005	1.5	0.006
LINE 850E B 875N	<0.1	0.82	<0.5	5.0	<20	32	0.1	0.12	<0.1	3.2	20.0	6.3	1.07	4	0.01	0.02	16	0.18	62	0.2	0.006	8.0	0.023
LINE 850E B 925N	<0.1	0.27	0.6	3.0	<20	19	0.1	0.06	<0.1	0.9	11.0	2.0	0.46	3	0.01	0.02	7	0.05	25	0.3	0.004	2.7	0.010
LINE 850E B 950N	<0.1	0.49	0.8	10.2	<20	17	0.2	0.10	<0.1	1.8	11.0	3.0	0.57	4	0.03	0.02	11	0.11	39	0.5	0.005	5.1	0.015
LINE 850E B 975N	<0.1	0.29	0.6	3.6	<20	15	0.1	0.05	<0.1	1.0	10.0	1.4	0.61	4	0.02	0.01	11	0.07	27	0.4	0.004	3.2	0.010
LINE 850E B 1000N	<0.1	0.50	0.6	4.4	<20	19	0.1	0.07	<0.1	1.2	9.0	2.4	0.60	4	0.03	0.02	10	0.07	30	0.3	0.004	2.9	0.015
LINE 850E B 1025N	<0.1	0.41	<0.5	2.6	<20	22	0.1	0.06	<0.1	0.9	7.0	2.3	0.52	4	<0.01	0.02	10	0.05	29	0.3	0.004	2.2	0.010
LINE 850E B 1050N	<0.1	0.67	0.8	13.1	<20	29	0.2	0.08	<0.1	2.7	13.0	4.5	1.12	5	0.02	0.03	9	0.15	73	0.6	0.004	5.8	0.020
LINE 850E B 1075N	<0.1	0.21	<0.5	1.4	<20	13	<0.1	0.04	<0.1	0.4	4.0	0.9	0.33	2	0.01	0.02	8	0.03	16	0.2	0.003	1.1	0.010
LINE 850E B 1100N	0.5	2.68	1.9	6.4	<20	98	0.2	0.40	0.3	12.8	40.0	44.6	2.99	6	0.08	0.05	41	0.30	1125	0.9	0.008	21.6	0.046
LINE 1000E B 800N	<0.1	0.69	0.7	2.2	<20	17	0.1	0.05	<0.1	1.4	10.0	2.2	0.81	4	0.03	0.02	10	0.07	26	0.4	0.004	3.3	0.013
LINE 1000E B 825N	<0.1	0.82	<0.5	1.7	<20	19	<0.1	0.09	<0.1	2.1	14.0	2.3	0.91	4	0.01	0.01	11	0.14	44	0.3	0.003	5.7	0.017
LINE 1000E B 850N	<0.1	0.75	0.9	<0.5	<20	29	<0.1	0.32	<0.1	3.9	17.0	5.0	1.09	2	0.02	0.02	21	0.16	67	0.2	0.008	9.1	0.073
LINE 1000E B 900N	<0.1	0.57	<0.5	2.4	<20	95	0.2	2.15	0.4	1.6	10.0	11.5	0.86	1	0.09	<0.01	15	0.13	74	0.4	0.009	5.5	0.039
LINE 1000E B 925N	<0.1	0.20	<0.5	1.7	<20	12	0.1	0.04	<0.1	0.7	7.0	1.5	0.49	3	0.03	0.02	6	0.04	25	0.3	0.005	2.5	0.006
LINE 1000E B 1175N	<0.1	0.47	<0.5	1.9	<20	20	0.1	0.05	<0.1	1.1	9.0	6.0	0.46	3	0.02	0.02	11	0.06	23	0.3	0.005	3.6	0.011
LINE 1100E B 875N	<0.1	0.42	<0.5	10.6	<20	31	0.1	0.02	<0.1	0.3	5.0	2.1	0.27	5	0.03	0.02	6	0.01	12	0.6	0.005	2.4	0.016
LINE 1100E B 900N	<0.1	0.19	<0.5	3.2	<20	9	0.1	0.04	<0.1	0.5	6.0	0.8	0.46	4	0.01	<0.01	6	0.03	14	0.3	0.004	1.9	0.005
LINE 1100E B 925N	<0.1	0.25	<0.5	<0.5	<20	12	<0.1	0.04	<0.1	0.3	<1	1.3	0.24	4	<0.01	0.01	7	0.03	12	0.2	0.003	0.8	0.005
LINE 1100E B 1000N	<0.1	0.41	<0.5	1.6	<20	16	0.1	0.05	<0.1	0.9	9.0	3.9	0.40	4	0.03	0.02	9	0.06	20	0.3	0.004	3.4	0.013
LINE 1100E B 1025N	<0.1	0.36	<0.5	7.5	<20	16	0.2	0.06	0.1	1.0	12.0	3.9	0.51	6	0.03	0.02	8	0.05	24	0.7	0.005	3.5	0.011
LINE 1100E B 1150N	<0.1	0.39	0.8	1.7	<20	22	0.1	0.05	<0.1	0.9	9.0	2.1	0.60	4	0.02	0.01	9	0.05	24	0.3	0.004	2.8	0.017
LINE 1100E B 1175N	<0.1	0.34	0.9	3.4	<20	19	<0.1	0.07	<0.1	0.9	9.0	2.6	0.52	4	0.02	0.02	8	0.08	34	0.3	0.004	2.6	0.019
LINE 1100E B 1200N	<0.1	0.34	<0.5	1.6	<20	18	<0.1	0.05	<0.1	0.5	5.0	2.8	0.32	3	0.03	0.02	7	0.04	15	0.3	0.004	1.7	0.012
LINE 1100E B 1200N Re	<0.1	0.33	<0.5	0.9	<20	17	<0.1	0.05	<0.1	0.5	5.0	2.6	0.31	3	0.02	0.02	7	0.04	14	0.3	0.004	1.7	0.011
STD DS8	1.9	0.97	27.6	144.8	<20	313	6.4	0.74	2.5	8.5	125.0	118.1	2.57	5	0.19	0.43	16	0.63	614	14.3	0.096	40.6	0.078
STD OREAS45CA	0.3	3.75	3.5	45.3	<20	171	0.2	0.41	0.1	93.4	715.0	520.1	16.23	18	0.03	0.08	17	0.14	934	0.9	0.008	258.6	0.039
BLK	<0.1	<0.01	<0.5	<0.5	<20	<1	<0.1	<0.01	<0.1	<0.1	<1	<0.1	<0.01	<1	<0.01	<0.01	<1	<0.01	<1	<0.1	<0.001	<0.1	<0.001

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 10 ml with DI H2O.

Signed: _____
Mark Acres - Quality Assurance

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Wildcat Exploration Ltd.
Attention: P. Theyer
Project: McVicar
Sample: 25 Soil / 0 Pulp

Report No: S45451
Date: October 11, 2011

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
LINE 850E B 825N	11.2	<0.05	<0.1	0.7	<0.5	5	<0.2	3.4	0.065	<0.1	0.3	25	<0.1	22
LINE 850E B 850N	5.7	<0.05	<0.1	0.2	<0.5	4	<0.2	1.8	0.048	<0.1	0.2	11	<0.1	3
LINE 850E B 875N	5.9	<0.05	<0.1	1.3	<0.5	7	<0.2	3.5	0.080	<0.1	0.5	23	<0.1	13
LINE 850E B 925N	5.9	<0.05	<0.1	0.5	<0.5	5	<0.2	2.2	0.057	<0.1	0.2	15	<0.1	7
LINE 850E B 950N	6.4	<0.05	<0.1	0.9	<0.5	7	<0.2	2.3	0.063	<0.1	0.4	17	<0.1	9
LINE 850E B 975N	5.2	<0.05	<0.1	0.5	<0.5	5	<0.2	3.4	0.058	<0.1	0.3	16	<0.1	6
LINE 850E B 1000N	7.8	<0.05	<0.1	0.6	<0.5	6	<0.2	3.2	0.062	<0.1	0.3	18	<0.1	7
LINE 850E B 1025N	5.8	<0.05	<0.1	0.5	<0.5	5	<0.2	3.1	0.054	<0.1	0.3	15	<0.1	6
LINE 850E B 1050N	6.8	<0.05	<0.1	0.8	<0.5	6	<0.2	3.0	0.079	<0.1	0.3	29	<0.1	15
LINE 850E B 1075N	3.5	<0.05	<0.1	0.3	<0.5	4	<0.2	2.0	0.034	<0.1	0.2	10	<0.1	4
LINE 850E B 1100N	8.9	<0.05	<0.1	3.5	<0.5	19	<0.2	6.7	0.087	0.2	2.4	58	<0.1	66
LINE 1000E B 800N	6.3	<0.05	<0.1	0.7	<0.5	4	<0.2	3.2	0.054	<0.1	0.3	24	<0.1	6
LINE 1000E B 825N	5.2	<0.05	<0.1	1.0	<0.5	5	<0.2	2.5	0.065	<0.1	0.4	26	<0.1	9
LINE 1000E B 850N	3.2	<0.05	<0.1	1.1	<0.5	10	<0.2	3.9	0.063	<0.1	0.7	21	<0.1	10
LINE 1000E B 900N	2.6	0.17	<0.1	1.3	1.2	39	<0.2	1.5	0.015	0.1	1.4	9	<0.1	8
LINE 1000E B 925N	5.7	<0.05	<0.1	0.3	<0.5	4	<0.2	2.4	0.088	<0.1	0.3	20	<0.1	4
LINE 1000E B 1175N	6.6	<0.05	<0.1	0.6	<0.5	5	<0.2	1.8	0.049	<0.1	0.4	13	<0.1	5
LINE 1100E B 875N	6.3	<0.05	<0.1	0.1	<0.5	3	<0.2	<0.1	0.003	<0.1	0.1	6	<0.1	3
LINE 1100E B 900N	5.3	<0.05	<0.1	0.2	<0.5	4	<0.2	2.2	0.078	<0.1	0.2	20	<0.1	1
LINE 1100E B 925N	5.7	<0.05	<0.1	0.3	<0.5	4	<0.2	2.3	0.056	<0.1	0.2	14	<0.1	3
LINE 1100E B 1000N	6.5	<0.05	<0.1	0.5	<0.5	5	<0.2	0.6	0.051	<0.1	0.3	14	<0.1	4
LINE 1100E B 1025N	12.9	<0.05	<0.1	0.6	<0.5	5	<0.2	3.8	0.120	<0.1	0.4	26	<0.1	5
LINE 1100E B 1150N	6.8	<0.05	<0.1	0.4	<0.5	5	<0.2	0.6	0.063	<0.1	0.3	21	<0.1	5
LINE 1100E B 1175N	6.9	<0.05	<0.1	0.5	<0.5	6	<0.2	2.3	0.067	<0.1	0.3	17	<0.1	6
LINE 1100E B 1200N	5.5	<0.05	<0.1	0.3	<0.5	5	<0.2	0.4	0.041	<0.1	0.2	10	<0.1	3
LINE 1100E B 1200N Re	5.5	<0.05	<0.1	0.4	<0.5	5	<0.2	0.6	0.039	<0.1	0.2	10	<0.1	4
STD DS8	128.6	0.17	4.4	2.0	5.3	68	5.5	6.9	0.110	5.9	2.7	44	2.2	328
STD OREAS45CA	21.0	<0.05	<0.1	37.1	<0.5	16	<0.2	7.1	0.134	<0.1	1.2	220	<0.1	60
BLK	<0.1	<0.05	<0.1	<0.1	<0.5	<1	<0.2	<0.1	<0.001	<0.1	<0.1	<2	<0.1	<1

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 10 ml with DI H2O.

Signed:_____
Mark Acres - Quality Assurance

TSL LABORATORIES
2 - 302 48th Street Saskatoon, SK S7K 6A4
P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:	Wildcat Exploration Limited
Geologist:	T. Lewis
Project:	McVicar
Purchase Order:	
TSL Report:	S46036
Date Received:	Sep 20, 2011
Date Reported:	Oct 31, 2011
Invoice:	65508
Remarks:	Reassay on S45451

Sample Type:	Number
Soil Pulp	4

Standard Procedure:

Samples for Au Fire Assay/AA (ppm) are weighed at 30 grams.
Samples for Cu, As (ppm) are weighed at 1 gram.

Element Name	Unit	Extraction Technique	Lower Detection Limit	Upper Detection Limit
Au	ppm	Fire Assay/AA	5	1000
Cu	ppm	HCl-HNO_3/AA	1	5000
As	ppm	HCl-HNO_3/AA	20	5000

TSL LABORATORIES
#2 – 302 48th Street · Saskatoon, SK · S7K 6A4
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CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Wildcat Exploration Limited
203 - 1780 Wellington Avenue
Winnipeg, MB R3H 1B3

REPORT No.
S46036

SAMPLE(S) OF 4 Soil Pulp

INVOICE #:65508
P.O.:

T. Lewis
Project: McVicar

Reassay on S45451

	Au ppb	Cu ppm	As ppm	File Name
Line850E;B950N	12	3	2	S46036
Line850E;B1100N	3	35	4	S46036
Line1100E;B1100N	3	3	2	S46036
Line1100E;B1025N	3	2	1	S46036

COPIES TO: P. Theyer, etc
INVOICE TO: Wildcat Expl. - Winnipeg, MB

Oct 31/11

SIGNED _____
Mark Acres - Quality Assurance

APPENDIX E

Heliborne High Resolution Aeromagnetic and Spectrometric Survey