1st and 2nd Year Assessment Report on Prospecting, Mechanical Stripping, and Data Compilation on the Gold Star Property, Beckington Lake (G-2532) and Squash Lake (G-3140) Areas, Patricia Mining Division, Ontario

NTS 52J/02

For

Paragon Minerals Corporation

Work conducted from
October 15th to 18th, 2009 and
August 11th to 30th and October 12 to November 2nd, 2010

Total Eligible Expenditures: $135 059.01

Total 35 claims (373 Units)

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1.0 SUMMARY

The Gold Star property is located approximately 230 km northwest of Thunder Bay, Ontario and immediately East of the community of Savant Lake, Ontario. The property consists of 35 claims (373 units) for a total area of 5,968 hectares. Paragon Minerals Corporation acquired the Goldstar property in 2009, and the Mine Lake property during 2010. It is composed of two claim blocks, a large package of claims on the Northeast Arm of Sturgeon Lake and a smaller package of claims south of the formerly producing St. Anthony gold mine.

The Goldstar property is underlain by rocks of the Archean Savant Sturgeon Lake Greenstone Belt. In particular the property covers the ca. 2745Ma Handy Lake Assemblage, a sequence of bimodal arc volcanic rocks. The Northern claim block of the property is host to numerous gold occurrences from north to south: Northeast Arm Creek, Thomas Lake, Mine Lake North, Wagon Road, Stewart Contact Zone, Mine Lake, Powell, Davidson Carr, Y Island East and Y Island West. The southern claim block hosts the Oz island occurrence.

Gold exploration in the area started as early as the 1890's. Early positive results favored increased activity with prospecting, trenching, and sinking of shafts in many locales. Of this early activity, the St. Anthony gold mine was developed and produced 63 310 ounces of gold and 16 341 ounces of silver during the period 1905 to 1941. Gold exploration continues through to the present day, but during the 1970's VMS mineralization was recognized at the southern extension of Sturgeon Lake sparking a base metals rush to the area. The Mattabi and Lyon Lake deposits were defined, developed and mine life ended in the early 1990's. Even though significant exploration and mining for various base and precious metals has had success, the Sturgeon Lake Gold Belt is still considered a grassroots exploration play, with limited diamond drilling being completed in the area. Most gold exploration to date has concentrated on high-grade, orogenic lode gold vein systems.

From October 12, 2009 to November 3, 2010 Paragon Minerals Corporation completed prospecting, geological mapping, and a program of mechanical stripping at the Gold Star Property. Work to date has returned the following highlight results:

- 6.9 g/t gold over 3.2 metres from trench channel sampling at the Mine Lake prospect.

- Discovery of a new mineralized structural trend at the Mine Lake prospect and gold assays of 20.1 g/t gold over 1.0 metre and 15.4 g/t gold over 0.5 metres.

- Assays including 6.26 g/t gold over 0.3 metres from channel samples at the Powell occurrence.

A total of $135 059.01 has been spent on exploration on the claims during the period.

Recommendations for future work include:

- Additional prospecting (3 weeks) to follow-up on areas showing the highest potential for gold mineralization;

- Follow-up mechanical stripping/trenching at Mine Lake area where a new zone of gold mineralization was discovered;

- Trenching at the Stewart-Contact Zone to assess the extent and nature of gold mineralization.

- IP geophysical surveys over the main prospects to generate targets for follow-up drilling.

The recommended exploration program is anticipated to cost approximately $250,000.

2.0 INTRODUCTION

From October 15th to October 18th, 2009 and August 11 to August 30th, 2010, Paragon Minerals Corporation of Vancouver, BC, completed two programs of systematic prospecting, lithogeochemical sampling and geological mapping covering the Gold Star Property, Ontario. A total of 359 rock samples were collected over the property. From October 12th to November 2, 2010 Paragon completed an approximate 3 week program of mechanical stripping, channel sampling (224 samples including blanks and standards) and detailed trench mapping following up on the results of the previous two prospecting programs. The objective of the work was to locate and better expose gold mineralization on the property and develop targets for future diamond drilling. This report covers the work completed during the above programs and associated exploration expenditures.

All data and work presented in this report are presented in UTM NAD83, Zone 15U, unless otherwise stated.

3.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The Gold Star property is located 230 kilometres northwest of Thunder Bay, Ontario and approximately 12 km east of the community of Savant Lake, Ontario (Figure 1). The property is situated along the northeastern end of Sturgeon Lake in the Patricia Mining Division on National Topographic Series map 52J/02 in the Beckington Lake and Squash Lake Areas (officially renamed Squash Lake from Squaw Lake on November 22, 2010).

The Gold Star property occurs as two claim blocks situated over the Northeast Arm of Sturgeon Lake and an area to the northwest. This area has low rolling relief with a maximum elevation change of only 60 metres from a base elevation of approximately 400 metres. Cover is typical northern Ontario bush with pine, fir and cedar conifer forest cover with aspen and birch margins to numerous bogs and swamps. Outcrop exposure on land is excellent however the property is underlain by approximately 30% water.

Access to the property is gained by proceeding north along highway 599 from Ignace to Savant Lake. From there the northern part of the property can be accessed by truck and ATV along the Myers Vista Lake Road and associated trails and logging roads. A series of abandoned logging and mineral exploration trails provides access to the major gold prospects in the northern part of the claim group including the Thomas Lake, Mine Lake, Powell and Stewart-Contact prospects. Access to the property along the Northeast Arm of Sturgeon Lake (Davidson-Carr, Y-Island and Oz-Island Prospects) in the summer months is best achieved by boat originating from outfitters cabins along the west side of Sturgeon Lake along route 599. In the winter months the prospects along the Lake can be accessed via snowmobile across the ice. Float planes exist in the area and many parts of the Northeast Arm are amenable to float plane use.

The climate is typical for northwestern Ontario, where temperatures range from 10 to 25 degrees Celsius from June through October. Temperatures during the winter months of November through May range from 0 to -40 degrees Celsius. Lakes freeze during winter

months allowing snowmobile, heavy machinery or drill equipment access, but lake access is restricted during the annual freeze (November to December) and thaw (April to late May) periods.

There are several fishing/hunting lodges along Hwy 599 in the Sturgeon Lake area that offer rooms and meals and the local community of Savant and the local native reserve offer a population of several hundred people that have workers and equipment available for exploration work. Infrastructure in the area includes the paved Hwy 599 along the West side of Sturgeon Lake which has numerous logging and mining roads accessing much of the lake on both sides. A gravel air strip located to the immediate northwest of the northern end of the property can be used by smaller aircraft up to twin otter in size. The main CNR railway crosses the area only a five kilometres north of the property. High voltage powerlines are in the area and larger communities of Ignace (90 km's by road), Sioux Lookout (80 km's by road) and Dryden (155 km's by road) provide larger local populations and services that aid the project.

4.0 PROPERTY DESCRIPTION

The Gold Star property is located near the community of Savant Lake, Ontario; 230 kilometres northwest of Thunder Bay, Ontario, Canada. The property consists of 35 claims (373 units) for a total area of 5,968 hectares (Table 1, Figure 1). The property consists of ground covered under two option agreements from prospectors.

Table 1. List of Property.

Claim Number	Township Area	Registered Holder	Recording Date	Claim Due Date	Work Required	Units	Area (hectares)
4251271	BECKINGTON LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$5,600.00	14	224
4251272	BECKINGTON LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$5,200.00	13	208
4251273	BECKINGTON LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$4,400.00	11	176
4251274	BECKINGTON LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$6,400.00	16	256
4251275	BECKINGTON LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$2,400.00	6	96
4251276	BECKINGTON LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$4,000.00	10	160
4251277	BECKINGTON LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$6,400.00	16	256
4251278	BECKINGTON LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$3,200.00	8	128
4251279	BECKINGTON LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$6,400.00	16	256
4251280	BECKINGTON LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$6,400.00	16	256
4251281	BECKINGTON LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$6,400.00	16	256
4251260	SQUASH LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$4,800.00	12	192

4251261	SQUASH LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$3,200.00	8	128
4251264	SQUASH LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$4,000.00	10	160
4251265	SQUASH LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$5,600.00	14	224
4251267	SQUASH LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$6,000.00	15	240
4251269	SQUASH LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$3,200.00	8	128
4251270	SQUASH LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$4,800.00	12	192
4251282	SQUASH LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$800.00	2	32
4251283	SQUASH LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$3,600.00	9	144
4251284	SQUASH LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$4,000.00	10	160
4251285	SQUASH LAKE	Perry Vern English	2009-Aug-10	2011-Aug-10	$1,200.00	3	48
4224853	SQUASH LAKE	Perry Vern English	2009-Nov-09	2011-Nov-09	$4,800.00	12	192
4224854	SQUASH LAKE	Perry Vern English	2009-Nov-09	2011-Nov-09	$4,800.00	12	192
4224855	SQUASH LAKE	Perry Vern English	2009-Nov-09	2011-Nov-09	$4,800.00	12	192
4224856	SQUASH LAKE	Perry Vern English	2009-Nov-09	2011-Nov-09	$4,800.00	12	192
4224857	SQUASH LAKE	Perry Vern English	2009-Nov-09	2011-Nov-09	$2,400.00	6	96
4224858	SQUASH LAKE	Perry Vern English	2009-Nov-09	2011-Nov-09	$4,800.00	12	192
4224859	SQUASH LAKE	Perry Vern English	2009-Nov-09	2011-Nov-09	$4,800.00	12	192
4217370	BECKINGTON LAKE	Perry Vern English	2009-Dec-24	2011-Dec-24	$2,400.00	6	96
4217371	BECKINGTON LAKE	Perry Vern English	2009-Dec-24	2011-Dec-24	$3,200.00	8	128
4217372	BECKINGTON LAKE	Perry Vern English	2009-Dec-24	2011-Dec-24	$2,800.00	7	112
4217373	BECKINGTON LAKE	Perry Vern English	2009-Dec-24	2011-Dec-24	$3,200.00	8	128
4217374	BECKINGTON LAKE	Perry Vern English	2009-Dec-24	2011-Dec-24	$3,600.00	9	144
4249672	BECKINGTON LAKE	David Raymond Healey	2009-Dec-07	2011-Dec-07	$4,800.00	12	192
Total	**35**				**$149,200.00**	**373**	**5,968**

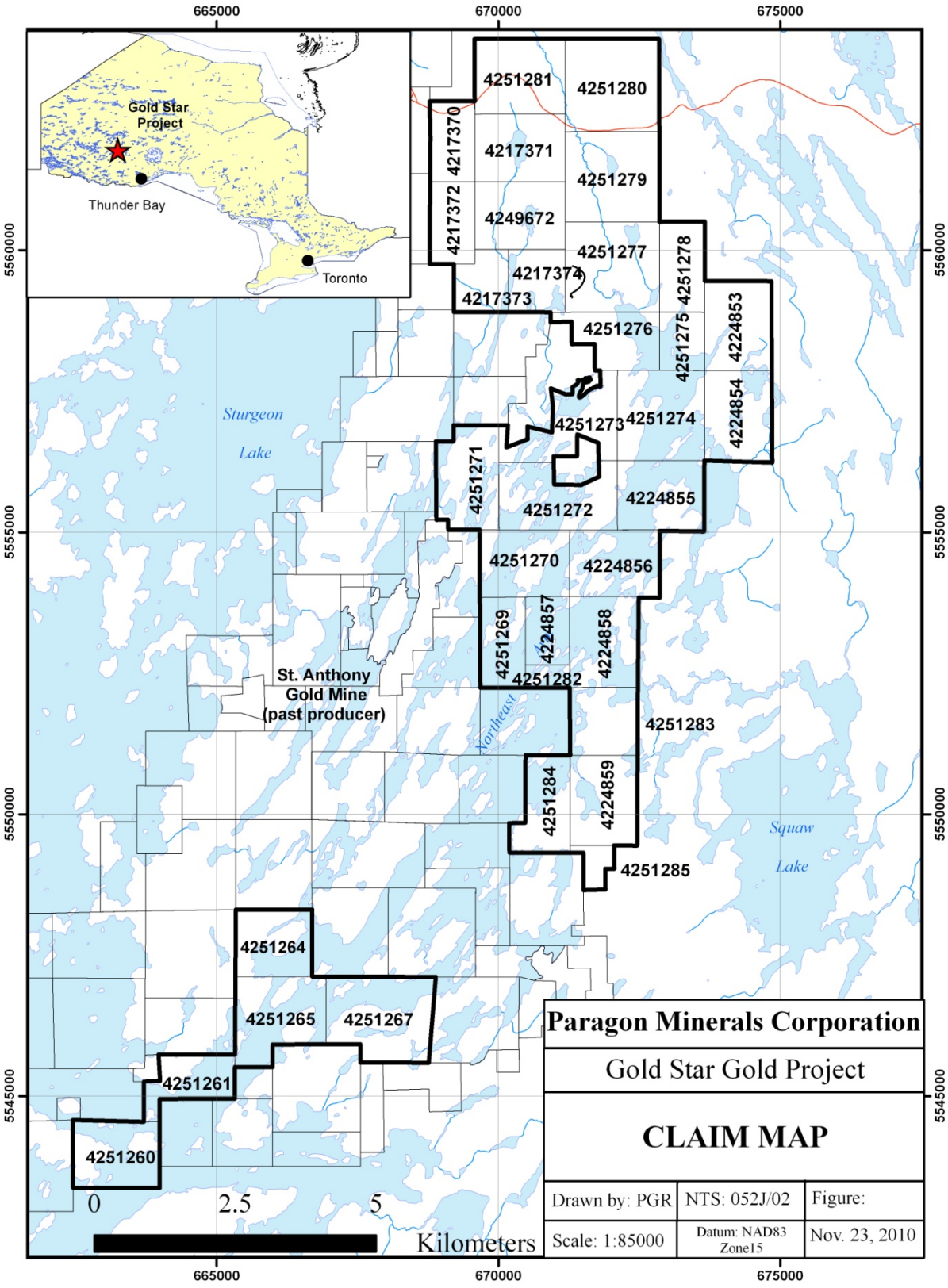

Figure 1. Location of the Gold Star Property, Northwestern Ontario.

5.0 REGIONAL GEOLOGY

The geology of the Sturgeon Lake – Savant Lake Area was first systematically mapped and documented by Trowell (1974a, 1974b, 1983) following up largely on the discovery and development of massive sulphides in the region (e.g. Mattabi, Lyon Lake Deposits). More recently multi-disciplinary geological studies have been completed on the region as part of the Geological Survey of Canada's Western Superior NATMAP project (Sanborn-Barrie et. al., 1998, 1999, 2002; Skulski et al., 1998 and Sanborn-Barrie and Skulski, 1999 and 2005; and Sanborn-Barrie, 2000).

The Savant-Sturgeon Greenstone Belt (SSGB) is a 150 by 100 km northeast-trend-striking, steeply dipping sequence of Neo-Archean bimodal island arc volcanic and intrusive rocks with lesser sedimentary sequences which form the eastern part of the western Wabigoon subprovince (Figure 2). The rocks in the region document a protracted episode of Neo-Archean island-arc volcanism, related oceanic and continental shelf sedimentation and arc-continent collision and orogenesis between 2.72 to 2.68 Ga (Sanborn-Barrie and Skulski, 2006). Volcanic and sedimentary rocks of the SSGB flank largely granitoid rocks of the Meso-Archean Winnipeg River subprovince. The contact between the two is marked by a Meso-Archean quartzite and conglomerate sequence (Jutten assemblage; ca. >2750 to <2880 Ma) located at the base of the SSGB. This sequence of rocks lies unconformably on the Winnipeg River basement and forms a preserved continental margin sequence. The volcanic rocks of the SSGB likely developed in an oceanic to transitional-arc setting adjacent to the Winnipeg River micro-craton. Late stage, pre-tectonic turbidite marine sediments of the Warclub assemblage mark a sequence of marine sediments that were deposited between the continental rocks of the Winnipeg River subprovince and the volcanic arc sequences. The Warclub Assemblage represents oceanic marine sediments that were deposited off the Winnipeg River continental margin and at some distance to the arc volcanic rocks of the SSGB.

The SSGB is bounded to the north and west by the Lewis Lake Batholith, an intrusive suite that is synvolcanic with the SSGB volcanic rocks (Figure 2). The volcanic and sedimentary strata of the SSGB are subdivided in a series of assemblages which from the oldest basal sequence to youngest that includes the Fourbay Lake Assemblage (ca. 2775 Ma), the Handy Lake Assemblage (ca. 2745 Ma), the South Sturgeon Assemblage (ca. 2735 Ma), the Quest Lake assemblage (ca. 2720-2735 Ma) and the Central Sturgeon assemblage (ca. 2720 Ma). The Fourbay Lake Assemblage is a 1-2 km thick sequence of tholeiitic basalts commonly pillowed but including massive and tuffaceous sections and occasional thin dacite lapilli tuffs. This is conformably overlain by the Handy Lake Assemblage which is dominated by tholeiitic basalt flows that grade upwards into intermediate to felsic pyroclastic sequences interbedded with basalt flows. The Handy Lake Assemblage is overlain by the main South Sturgeon Assemblage (ca. 2735 Ma), the main caldera sequence hosting the Sturgeon Lake VMS systems (Mattabi, Lyon Lake) in the southern part of the greenstone belt. The South Sturgeon assemblage comprises intermediate to felsic volcanic rocks that are contemporaneous with large syn-volcanic intrusive complexes such as the Lewis Lake batholith.

A younger assemblage consisting of sediments is known as the Quest Lake assemblage (2718-2735Ma). This sequence of wackes, siltstones, argillites and conglomerates is believed to be mark a volcanic hiatus which culminates with the Central Sturgeon assemblage (2720Ma). This assemblage is bimodal with tholeiitic basalt flows with calc-alkaline basalts and felsics. Unconformably overlying the volcanics are clastic rocks of the Warclub assemblage (2698-2704 Ma). This assemblage defines a belt-scale tectonic basin environment consisting of conglomerates, wackes and extensive Fe-Formations. Detrital material is believed to have sourced from several sources in this post-D1, syn-D2 tectonic setting.

Intrusive rocks in the region are dominated by the large Lewis Lake batholith consisting of hornblende-biotite tonalite with granodiorite and diorite phases (ca. 2735 Ma). Other intrusive complexes include the Beidelman Bay (ca. 2733 Ma) and Pike Lake (ca. 2733 Ma) plutons. Late to post tectonic alkali potassic intrusives include the Squaw Lake and Sturgeon narrows complexes of Sanukitoid affinity (Figure 2).

Deformation in the region consists of two penetrative deformation events (D1 and D2). Post-2704 Ma D1 deformation in the northern Sturgeon Lake area is dominated by north striking steep dipping fabrics and reflects early continental collision and deformation. This fabric is typically axial planar to moderate north plunging F1 folds and associated with early stage thrust faulting. Localized development of D1 shear zones is noted and is typically more intense proximal to lithological contacts. A second generation of ductile deformation (D2; post-2699Ma) is characterized by a variably developed foliation generally striking 030-070 and is axial planar steeply plunging F2 folds. Localized D2 high strain zones are developed, particularly along the Northeast Arm of Sturgeon Lake.

Metamorphism in the region varies from middle greenschist to upper amphibolite facies with maximum conditions in the Lac Seul region reaching 4-6 kbar and 650-750 C. The timing of peak metamorphism is best constrained at ~2690 Ma and presumably synchronous with D2 deformation. Locally on the Gold Star Property, the presence of garnet, biotite, chloritoid and amphibole suggest that lower to middle amphibolites-facies conditions were reached, however observations throughout the area indicate that middle to upper greenschist-facies peak metamorphic conditions prevailed.

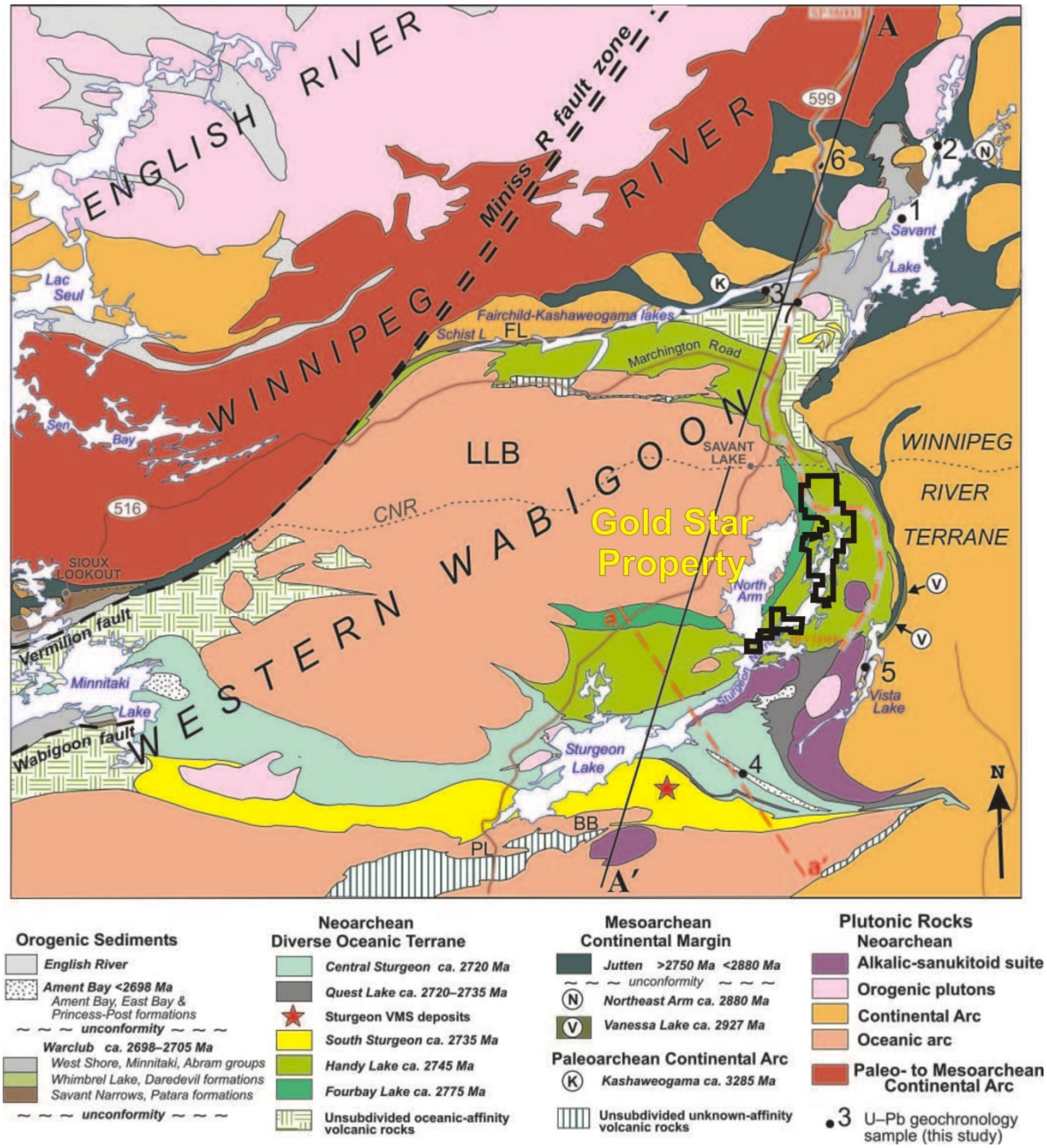

Figure 2. Regional Geology of the Western Wabigoon Subprovince and the Sturgeon Lake Greenstone Belt (after Sanborn-Barrie and Skulski, 2006).

6.0 PROPERTY GEOLOGY

The Gold Star Property covers a portion of the central SSGB. Locally exposed along the western edge of the property are easterly younging pillowed tholeiitic basalts and interbedded mafic and felsic tuff of the Fourbay Lake assemblage (ca. 2775 Ma). Near the Lewis Lake batholith the rocks are commonly metamorphosed to amphibolite-facies due to proximal contact metamorphism. Regionally the rocks are of middle to upper-greenschist regional metamorphism.

The majority of the Gold Star Property is underlain by tholeiitic basalts and calc-alkaline intermediate to felsic volcanic rocks of the Handy Lake assemblage (ca. 2745 Ma; Figure 3). The pillowed tholeiitic basalts generally have tops indicating younging to the east and to the south in keeping with the main stratigraphic asymmetry on the property. The upper portion of the Handy Lake assemblage has a higher proportion of calc-alkaline intermediate and felsic volcanics which are well exposed in the Mine Lake area and along the Northeast Arm of Sturgeon Lake up through the Moose Creek-Beckington Lake area to the north. This sequence includes felsic tuffs, tuff breccia and tuffaceous sediments as well as minor siltstones, sandstones and argillaceous sediments.

The volcanic and sedimentary rocks of both the Fourbay and Handy Lake assemblages are cut by numerous gabbro dykes and stocks, quartz-feldspar porphyritic felsic intrusive and feldspar porphyry dykes. The age of these intrusive units is largely uncertain but are in part related to the nearby syn-volcanic Lewis Lake, Beidelman Bay and Pike Lake intrusions; and associated with later syn-orogenic intrusive suites or late D2 intrusive activity contemporaneous with the Sturgeon Narrows intrusive alkalic activity (2696-2685Ma). These late tectonic intrusive complexes are significant because they may be directly related to a significant gold mineralizing event and in some cases maybe the causative intrusions for mineralization. VMS-style alteration zones have been documented in the Moose Creek-Beckington Lake area in the north part of the property and likely hosted within bimodal mafic-felsic strata of the Handy Lake assemblage or stratigraphy perhaps correlative with the South Sturgeon Assemblage mapped to the south in the Mattabi area. Within this volcanic sequence a laterally continuous silicate iron formation (largely comprised of garnet+hornblende amphibolites) exists that is interpreted to represent an exhalative chemical sedimentary horizon.

Three major structural domains are apparent on the property with the northeastern part of the property dominated by north-striking D1 shear fabrics and related folds that are overprinted by a relatively weak north east –striking S2 cleavage and F2 open folds. Preceding to the east the D2 fabric intensity increases towards the Northeast Arm of Sturgeon Lake where the dominant fabric becomes the S2 foliation. In the southern part of the property strong easterly trending shear zones (D2') affect all lithologies. Currently there is no strong overprinting evidence defining the relative age of this generation of structure but these may represent sympathetic shear zones to the main northeast oriented D2 shear zones. All shear fabrics D1 through D2/D2' have shown to contain and deform gold-bearing quartz veins are be related to presence of disseminated sulphide (pyrite) that is host to gold mineralization.

7.0 MINERALIZATION

The Gold Star Property is underlain by rocks of the Savant-Sturgeon Greenstone Belt (SSGB), which is host to significant past production from both lode gold (St. Anthony Mine) and volcanogenic massive sulphide deposits (Mattabi and Lyon Lake Mines). The SSGB is a typical Archean orogenic lode-gold belt where gold is associated with syn-orogenic deformation that is hosted along or proximal to major and minor shear zone

structures in greenstone belts and associated flanking plutonic rocks during regional deformation between 2.71 and 2.68 Ga. The SSGB is also highly prospective for and hosts volcanogenic massive sulphide (VMS) deposits as the belt is comprised of ancient, island-arc sequences that have been preserved through orogenesis and subsequent erosion.

7.1 Volcanogenic Massive Sulphide Mineralization

The Gold Star Project is underlain by bimodal felsic-mafic volcanic rocks that are well exposed along the Northeast Arm of Sturgeon Lake and further to the north in the Moose Creek and Beckington Lake area. Systematic exploration for VMS deposits within this area was undertaken during the 1970's and 1980's (e.g. UMEX, BP Selco) following the discovery of the Mattabi and Lyon Lake mines to the south. Work largely focused on felsic volcanic rocks in the Ouillette Lake and Moose Creek-Beckington Lake Area. UMEX mapped an extensive VMS style alteration zone and drilled several holes targeting massive sulphide mineralization. Base metal stringer mineralized zones were intersected on the Beck grid in 1982 in hole #8 where assays of 0.76% Zinc over 1.4 feet were at a depth of 317.8 feet.

More significant nearby massive sulphide mineralization exists just off the property 8 kilometres to the northwest of the community of Savant Lake at the Marchington massive sulphide deposit. The Sabine VMS Property is currently being explored by Commander Resources Ltd. The property comprises numerous VMS prospects including the Marchington, GOLSIL, South Zone, S-23 Zone and Kash Zone Prospects. The Marchington Deposit hosts a non-NI 43-101 compliant resource of <100,000 tons grading between 2.0 to 2.5% Cu, ~1% Zn, and 2.5 to 3.0 oz/t Ag. The mineralized zone is between 2 to 9.15 metres wide with grades up to 4.28% Cu, 4.75% Zn, 1.62% Pb, 177.2g Ag and 1.17g Au (www.commanderresources.com). The VMS prospects of the Sabine property are hosted within bi-modal mafic felsic volcanic rocks of the Handy Lake assemblage.

7.2 Gold Mineralization

Numerous conventional high grade gold-in-quartz vein prospects are present across much of the Gold Star Property (Figure 3). These occurrences are hosted in several rock types and are typically associated with shear zones of various ages that have localized at lithological contacts (e.g. mafic-felsic volcanics contacts; QFP-mafic contacts, gabbro-felsic tuff contacts). The area has been largely been explored for the traditional high-grade quartz veins, and the area hosts numerous small pits and historical shafts that targeted the veins. Traditional work concentrated on high grade targets due to small scale mining techniques and economic requirements of the time. This work in the earlier part of the 1900's culminated in the discovery and development of the St. Anthony Gold Mine. Below is a brief description of the mineralization present at each of the main prospects on the Gold Star Property, proceeding from north to south across the property. Although the St. Anthony deposit does not occur on the Gold Star Property it is described here to provide a belt-scale context for gold mineralization.

Thomas Lake – Mine Lake Area – The Thomas-Mine Lake Area encompasses a large (2.0 by 1.5 km) area that is host to multiple historic mineralized trends including the Thomas Lake, Mine Lake, Mine Lake North and the Stewart-Contact Zone prospects. The area was the subject of extensive historic (ca. pre-1935, 1947) trenching and blasting of several pits and sinking of two shallow shafts and limited underground development at Mine Lake and the Stewart-Contact Zone. Limited historic diamond drilling (17 shallow holes for 1,078 metres) has targeted the area, with the majority of the holes being completed in the Mine Lake and Mine Lake North prospects. No drilling has been completed at the Thomas Lake Prospect or the Stewart-Contact Zone. In addition, gold assay results were not reported for the majority of the historic drillholes.

Coarse visible gold was sampled at the Thomas Lake prospect from a 2-metre wide composite quartz vein zone hosted at a mafic-felsic volcanic contact. The vein, exposed in a historic trench, assayed between 0.14 g/t gold and 62.80 g/t gold (1.83 oz/t). Sampling of historic pits at the Mine Lake Prospect has returned assays of 29.00 g/t gold (0.84 oz/t) and sampling of the Contact-Stewart Zone, prospecting has returned assays up to 17.75 g/t gold (0.52 oz/t).

Powell Prospect - The Powell Prospect comprises visible gold-bearing quartz veins hosted within sheared contact zone between mafic volcanic rocks and quartz porphyry. The sheared contact between these two rock types has been traced 1.5 kilometres to the southwest towards the Richelieu Gold Prospect. The quartz veins are exposed in several small historic pits and shallow shafts. The veins have variable orientation generally striking NE (045 degrees) and NW (330 degrees) and contain along with visible gold, abundant chalcopyrite, bornite, azurite and malachite. A total of 9 diamond drillholes totaling 711.9 metres have been completed at the Powell Prospect. Drilling has returned assays up to 0.87 oz/ton gold over 4 feet. Sampling returned assays from 34.2 g/t to 276.0 g/t gold (0.99 to 8.06 oz/ton) at the Powell Prospect.

Davidson-Carr Prospect - The Davidson-Carr Prospect comprises a visible gold-bearing quartz vein hosted at the contact between mafic volcanic rocks and quartz porphyry. The vein has a minimum inferred strike length of 200 feet (60 metres), is steeply dipping, and strikes from NE (040 degrees) to NW (330 degrees). The vein structure is hosted within a local minor fold implying a possible linkage between fold and vein development. The prospect was discovered as early as 1911, and by 1930 an inclined shaft was sunk on the quartz vein to a depth of 160 feet (48.8 metres). A total of 230 feet (70.1 metres) of underground development on levels 130 and 160 were completed prior to the workings being flooded in 1930. Historic underground sampling returned an average grade of 0.34 oz/tonne gold on the vein. A total of 15 shallow drillholes (749.9 metres) have tested the prospect area. Highlight assay grades from previous drilling include 4.62 oz/ton gold over 0.5 feet and 0.12 oz/ton gold over 5.5 feet in the associated shear zone. Surface sampling by Paragon in October 2009 (5 samples) from surface waste dumps near the historic shaft returned 3.46 g/t to 22.80 g/t gold (0.10 to 0.66 oz/ton) at the Davidson-Carr Prospect.

Prospecting in 2010 has identified additional gold-bearing quartz veins 350 and 500 metres west of the Davidson-Carr shaft. These new mineralized zones assay 3.83 g/t gold (0.11 oz/t) and 5.14 g/t gold (0.15 oz/t), respectively, and highlight the potential new discovery within the Davidson-Carr area.

Y-Island Prospect – The Y-Island Prospect comprises two vein zones exposed via historic trenching on a small island. The quartz vein zones (15 cm wide) are associated pyrite-bearing sheared mafic volcanic wallrock, strike east-northeasterly (065 degrees) and have steep southeasterly dips. Historic sampling at the Y-Island East prospect returned assays up to 4.54 oz/t gold and 0.66% copper. Historic sampling at the Y-Island West prospect returned assays up to 3.80 oz/t gold. Each vein zone has been tested by a single drillhole totaling 201.8 metres. Drilling returned assays of 0.30 oz/t gold over 0.9 feet (59.4 to 60.5 feet) from hole 3 targeting Y-Island East. Hole 4 targeting Y-Island West returned 0.04 oz/t gold over 0.6 feet (68.0 to 68.6 feet). Sampling by Paragon returned assays of 49.8 g/t gold (1.45 oz/ton) at the Y-Island East prospect with 6.14 g/t gold (0.18 oz/ton) from the sheared host wallrock and assays up to 44 g/t gold (1.28 oz/t) from the Y-Island West prospect.

Oz Island - Several holes were drilled on the southern of the two islets by persons unknown, probably around 1947. The vein on the southern islet was probably trenched at the same time. Several companies and individuals have sampled the vein in the past 20 years. Moran Resources Corporation examined the islands in 1983 as part of a larger program over the East Bay and King Bay areas of Sturgeon Lake. The islands are composed of massive to foliated mafic metavolcanics. The volcanics are intruded by relatively coarse grained quartz porphyry and quartz feldspar porphyry lenses, from 1 to 20 m in width, which strike approximately east-west. Two shear zones, one striking 120 degrees and the other 060 degrees, cut the outcrop. These shears range from 2 to 4 m in width and have been trenched at several locations on the two islands. One shear zone, which strikes 060 degrees, is located on the east end of the of the west island. This shear hosts a 0.3m wide quartz vein containing pyrite, chalcopyrite and galena mineralization. Gold assays from this vein have ranged from 0.4 to 0.75 ounces of gold per ton.

Limited diamond drilling at each of the prospects highlights the underexplored nature of the area; particularly so given the positive results of surface sampling and diamond drilling completed to date. All drillholes were completed using narrow diameter drilling (AXT, AQ and BQ) and have not tested below 200 vertical metres.

St. Anthony Gold Mine – The past-producing St. Anthony Gold Mine is located approximately 3 kilometres to the west of the Gold Star Property. The St. Anthony Gold Mine was first discovered between ca. 1900 and 1902. The mine produced a total of 63,310 ounces of gold and 16,341 ounces of silver from 333,720 tonnes at an average grade of 0.191 ounces/tonne until production stopped in 1941 (Evans, 2009).

Gold mineralization at St. Anthony is hosted within quartz stockwork and pervasively sericite- altered quartz-feldspar porphyry of the St. Anthony intrusion. The St. Anthony may be the same age as the nearby Lewis Lake Batholith and may represent a younger

syn-orogenic felsic intrusion that has been deformed at the SSGB/Lewis Lake Batholith contact, where deformation has been focused.

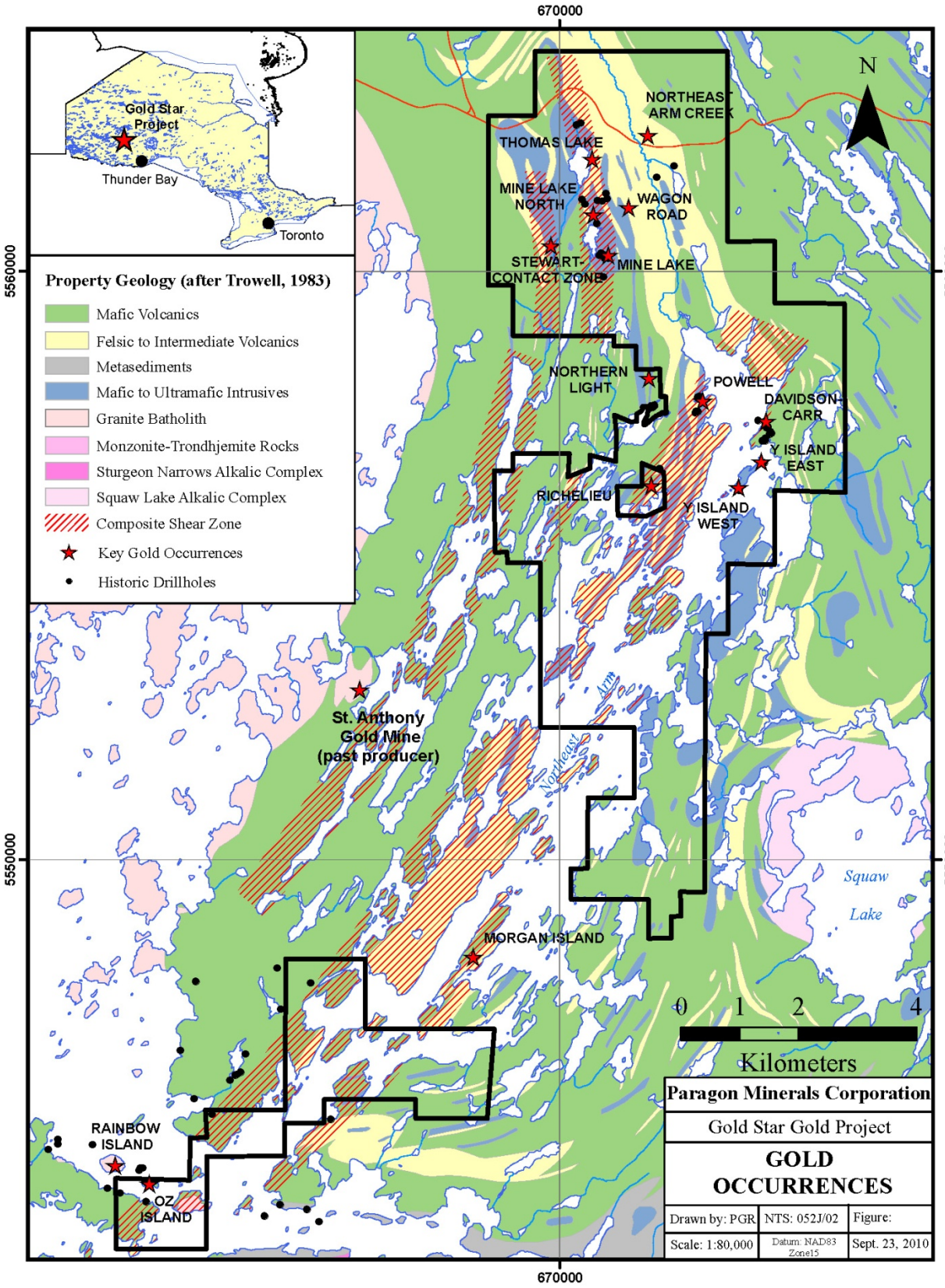

Figure 3. Geology of the Northern Sturgeon Lake Area (after Trowell, 1983).

The following is an excerpt from the report by Evans (2009) on the St. Anthony Mine mineralization:

> "Widespread moderate to intense pervasive sericite alteration with 10-50% quartz stockwork is present over the entire SE portion of the St. Anthony pluton where exposed... These areas of extensive pervasive sericite alteration typically contain 1-5% disseminated pyrite with lesser pyrrhotite and trace amounts of chalcopyrite, sphalerite and galena and variable intensities of quartz stockwork (0-50+%). Historic Au assay data is limited, but from available reports there appears widespread anomalous gold values associated with this style of mineralization (200-10,000 ppb Au range) as well as higher grade (10g/t+ gold) in more discrete en-echelon vein zones. Even vein zones are difficult to identify on surface other than relatively higher density vein stockwork zones. Later QP dykes reported in the area and from Aubet's 1983 drilling may be post-ore dykes as part of the primary St. Anthony pluton and not a separate intrusive event, this was corroborated during the site visit where QP dykes display widespread sericite alteration and presence of quartz veining. Historically work focussed on the gold potential of quartz veins only and paid little to no attention to mineralization in altered wallrock. Historic work recognized low grade gold was present in the pyritic sericite stockwork country rock but anything less than 3-5 g Au was not of economic interest. Typically the highest gold grades are found in various quartz veins and historic work used the presence of sphalerite and galena as an indicator for higher gold grades ie.10-140 g Au. Pockets of visible native gold were reportedly common during early mining and the author has seen native gold within dump piles on the property."

It has been suggested that this style of mineralization within the SSGB indicates the potential for the belt to host bulk tonnage felsic porphyry style mineralization similar to that present in other areas of the Wabigoon subprovince (e.g. Hammond Reef, etc.).

8.0 EXPLORATION HISTORY

The earliest exploration work traceable with names in the Sturgeon Lake area comes as early as 1900 with McInnes (1900, p.115-122A) reporting gold-bearing quartz veins discovered by prospector P. King in 1898. Development of the St. Anthony Au-Ag mine by Can-Con Enterprises & Exploration Ltd. led exploration efforts up to 1905 when it commenced intermittently producing, until 1941, 63,310 oz Au and 16,341 oz Ag. Regionally, many gold occurrences have been tested with shafts, adits, pits, and trenches (Trowell, 1983). Regional exploration efforts were limited during the St. Anthony mine life, and most exploration in the area was near-mine.

Following the closure of the St. Anthony mine there was little exploration activity in the area until 1969 with the discovery of the Mattabi base-metal sulphide deposit. This was subsequently put into production by Mattabi Lake Mines Ltd. Further exploration for base metals followed shortly after when in 1970 a second deposit, *Boundary*, was discovered in the area, and was put into production by Sturgeon Lake Mines Ltd. A third deposit, *Lyon Lake Creek*, was found in late '71/early '72 and put into production by Mattagimi Lake Mines Ltd (Franklin et al., 1977).

Exploration of the Sturgeon Lake area was slow-paced following the base metal rush in the area of the early 1970's. During the period up to 1988, several areas in the region were explored for base metals and Au-Ag mineralization with a combination of prospecting and various geophysical surveys followed by drilling, but results produced little of economic significance; Table 2 provides a summary of historic exploration work on the Goldstar Prospects.

Table 2. Summary of historic work in the Gold Star Property area.

Year	Occurrence	Proximity to Paragons Ground	Operator	Activity	References
1899	Richelieu	Centre of claim block; not Paragons property.	Anglo Canadian Gold Estates	The Richelieu was first developed around 1899 on patent FM.206. They sank a test pit, 6' by 8', on a quartz vein 23' deep, which was later called the No. l Shaft.	Twomey, 1992
1910	Powell Prospect	East Sturgeon Lake (middle-North of claim block).	Unknown	A number of trenches and two pits, each 25 feet deep, were put down on a quartz vein which varied in width from 2 inches to 15 inches. It is located in a complex contact of greenstone, porphyry and "grey schist".	Twomey, 1992
1911	Ouilette Lake	East and South boundary of claim block.	E.S. Moore	Prospects reported – "vein was well mineralized with chalcopyrite and he found 'good samples of gold at a depth of 20 feet.'	Gillette, 1986; Twomey 1992
	Davidson Carr	East Sturgeon Lake (middle-North of claim block)	E.S. Moore	Showed a pit or shaft on the property; subsequently mentioned by Graham (1931).	Graham, 1931
1927	Davidson Carr	East Sturgeon Lake (middle-North of claim block)	S.A. Wookey	Sampling of vein on claim H.W. 682 showed an average value of $20.50 over 2.65 ft. for 80 feet in over 3 feet.	SLKT file 52J/02NE-9288; See Airth, W.B., 1935 Corporate memo.
			D.G.H. Wright	Channel sampling; varying degrees of Au mineralization at Davidson Carr (?)	
			A.R.Globe	Reports Au mineralization at island near Davidson Carr where a 160' shaft (deepest) was sunk.	
1928-29	Davidson Carr	East Sturgeon Lake (middle-North of claim block)	Golden Centre Mining Co. / Mineral research Corp.	A shaft inclined at -60 was sunk to 160 feet and 150 feet of underground lateral work was completed. Contruction of an 18 ft high headframe, a combined hoist house and blacksmith shop with bunk house and ice house. In addition 230 feet of drifting had been done on the 160 level and 30 feet at the 130 foot level (Annual Report of Ontario Department of Mines, p119)	Trowell, 1983
1930	Powell Prospect	East Sturgeon Lake (middle-North of	Unknown	The two pits were later timbered and deepened in the 1930's and a camp	Twomey, 1992

		claim block).		erected.	
1932	Couture Lake/ Mine Lake/ Thomas Lake Zone	West of Property Boundary/ North centre within claim block/ North centre within claim block	Unknown	Exploration increased to include Ouillette and Couture Lakes. The Mine Lake and Thomas Lake areas were prospected and 2 shafts were sunk on Mine Lake. During the period several companies with overlapping management carried out development and promotional programs north of Ouillette Lake. Many of the quartz veins from North Bay of Sturgeon Lake to the east side of Mine Lake were examined by trenching and assay of the sulphide bearing veins.	Gilette, 1986.
1932	Richelieu	Centre of claim block; not Paragons property.	Golden Spur Syndicate	Stripped off and exposed the vein on surface for 900 feet.	Twomey, 1992
1934	Richelieu	Centre of claim block; not Paragons property.	Richelieu Gold Mines Ltd.	In 1934, Richelieu Gold Mines Ltd. acquired the prospect from Golden Spur then sank the two compartment No. 2 Shaft. They also sampled the vein on surface intermittently for 900 ft strike length. They sent a 12 ton bulk sample to Ottawa from a 160 ft length of the vein just north of the No. l Shaft, which returned 0.46 oz/ton gold over an average width of 2.11 feet	Twomey, 1992
1934	Thomas Lake Zone	North centre within claim block.	Stewart, W.F.	Stripping/trenching (AF-0063): Three trenches along east side of Thomas Lake.	Gilette, 1986 after Stewart, 1936
1934-1937	Ouilette Lake	East and South boundary of Northern claim block	Supreme Gold Mines	Exploration program: stripping, trenching, shaft sinking.	Gilette, 1986
1935-1936	Thomas Creek	North centre within claim block.	Stewart, W.F.	Grab samples from 0.3 to 6 ounces per ton gold on Stewart Vein. Grab sample from 0.4 to 2.8 ounces per ton gold on Contact Vein.	Gilette, 1986 after Stewart, 1936
1935-1936	Thomas Lake	North centre within claim block.	Stewart, W.F.	Sampling of the Thomas Lake Prospect yielded quartz veins assaying from 0.52 to 1.93 oz/t Au.	SLKT # 52J/02NE-0063
1935	Mine Lake North	North centre within claim block.	Unknown	Grab samples from an outcropping vein in the vicinity report visible gold being observed from a 10 foot wide vein in the area, but no assays were reported.	SLKT # 52J/02NE-0063
1935	Richelieu	Centre of claim block; not Paragons property.	Richelieu Gold Mines Ltd.	“Operations ceased in the summer of 1935 "owing to a low cash position”. No assay plans are known to exist for the underground development and all the	Twomey, 1992

				above data were gathered from Northern Miner articles from 1935 and from company reports."	
1936	Thomas Lake Zone	North centre within claim block.	Unknown	Channel samples, No. 8 vein (clippings), assays from 0.52 to 1.93 ounce gold per ton. Channel samples, No. 10 vein (clipping), assay 1.15 ounce gold per ton (SLKT Assessment File 52J02NE-0063).	SLKT # 52J/02NE-0063 SLKT # 52J/02NE-0063
1946-47	Ouilette Lake	East and South boundary of Northern claim block	Ouilette Lake Mining Company	Drilled veins; intersected $10.50 over 5' (0.3oz/ton Au = $35/oz)	SLKT # 52J/02NE-9285
1947	Richelieu	Centre of claim block; not Paragons property.	Ouilette Mines Ltd.	Mapping of Richelieu.	Twomey, 1992
	Ouilette Lake	East and South boundary of Northern claim block.	Ouilette Mines Ltd.	Four diamond drill holes were put down in 1947 on what was thought to be a mineralized zone about 3000 feet (900 metres) in length and passing north-southerly through the Main Shaft. Drillhole No. 4 about 1200 feet north of Mine Lake intersected mineralized zones with narrow, very low (<0.01 oz/t) to trace gold values; no information is available on other drilling.	Gilllette, 1986
	Mine Lake North	North centre within claim block	Unknown	Two drillholes (#1 and #4) completed in 1947 in the area of the loosely defined prospect returned assays of 0.27 oz/t Au over 5 feet (hole #1) and 0.065 oz/t over 15 feet (hole #4).	Gilllette, 1986
	Oz Island	South East of Claim Block	Unknown	Several holes were drilled on the southern of the two islets by persons unknown. *probably around 1947.	Gilllette, 1986
1960	Richelieu	Centre of claim block; not Paragons property.	Cromorr Mines Ltd.	Conducted diamond drilling in 1960, and 5 more in 1963	Twomey, 1992
1969-1970	Ouilette Lake	East and South boundary of Northern claim block.	Selco Exploration	Selco drilled 5 shallow holes, 242-D-1 to 5, with a total length of 772.5 feet (235 metres) to test various conductive zones in the search for base metal deposits. Magnetometer and conductivity surveys. Five holes designated 242 D-1 to D-5, totaling 772.5' we drilled.	52J/02NE-0068, 69 and 71 52J/0SE-8761, 8762; 52J/O2NE-0110, 113

1970	Powell	East Sturgeon Lake (middle-North of claim block).	McCrae Mining Ltd.	Commissioned an aerial geophysical survey over the Northeast Arm of Sturgeon Lake. The EM and magnetic surveys bordered the Powell occurrence, but did not cover the areas above water level (SLKT 52J/02NE-0028-B1).	SLKT # 52J/02NE-0028-B1
	Davidson Carr	East Sturgeon Lake (middle-North of claim block)	McCrae Mining Ltd.	Conducted airborne magnetic and electro-magnetic surveys over the claim group. The claims were subsequently dropped (Trowell 1983).	SLKT # 52J/02NE-0028-B1
	Beckington Lake		Selco Exploration	1 Diamond drill hole(s) on property 201085; 2 on Pa. 201060 (242-D4, 242-D5); Pa. 201064 1DDH, 242 D-3;	SLKT #'s 52J/02NE-0074; 52J/02NE-0071
1980	Powell	East Sturgeon Lake (middle-North of claim block).	Sherritt Gordon Mines Ltd.	Took an option on the re-staked Powell property as part of a large landholding, which included some of the present property. They conducted HLEM, Mag, geological and lithogeochem surveys. They found gold upon panning crushed quartz from small veins in chlorite schist occurring as the north strike extension of the Richelieu property. Sherritt-Gordon suggested that the Powell occurrence was the most favorable gold target in the area due to the strongly mineralized quartz and recommended stripping, trenching and systematic sampling.	Twomey, 1992
1980-1983	Beckington Lake	Southeast of claim blocks	UMEX	Drilled at least 9 drill holes	UMEX, SLKT # 52J/02NE-0020; UMEX SLKT # 52J/02NE-0048
1981	Davidson-Carr/Powell	East Sturgeon Lake (middle-North of claim block)/Sturgeon Lake (middle-North of claim block)	Sherritt Gordon Mines Ltd.	Mapping and sampling program over the Davidson-Carr claims which were held by prospector S. Johnson at the time. The geologist on the survey examined the Powell occurrence and recommended additional work on it.	Venn, 1982b SLKT # 52J/02NE-9270; SLKT # 52J/02NE-0036-B1
1982	Ouilette Lake	East and South boundary of Northern claim block.	Mid-North Engineering Services/ Candore Explorations Ltd.	Exploration program – showings located and sampled. A grid was cut over the property and magnetic, radiometric and VLF surveys were carried out. A program of rock sampling, mapping and a horizontal loop electromagnetic (HLEM) survey was recommended.	Lithosystems Ltd., (1982), SLKT # 52J/O2NE-0043
	Ouilette Lake/ Thomas Lake/ Mine Lake	East and South boundary of claim Northern block/ North centre within claim block/	Mid-North Engineering Services/ Candore Explorations Ltd.	Two new grids were cut on the property, the Thomas Lake grid and the Mine Lake grid. Humus geochemical surveys were done on both grids. 5 diamond drill holes were done based on geochemical and geophysical anomalies. No assays were	Lithosystems Ltd., (1982), SLKT # 52J/O2NE-0043

		North centre within claim block.		given in the drill logs.	
	Moose Creek (South of Northeast Arm Creek)	North centre within claim block	UMEX (Union Miniere Explorations and Mining Corporation).	DDH #BE-8 (AF-0051, 0019): SECTION ASSAYS 0.76% ZN/1.4FT AT 317.8FT.	SLKT # 52J/02NE-0022-A1
	Beckington Lake	Southeast of claim blocks.	UMEX	DDH's B7, B9, B10, and B11	UMEX, SLKT # 52J/02NE-0013
	Powell/ Davidson-Carr	West Sturgeon Lake (middle-North of claim block)/ East Sturgeon Lake (middle-North of claim block)/	Sherritt Gordon Mines Ltd.	Carried out geological and geophysical surveys over the Powell occurrence which included analyses of grab samples for gold on the Powell property and limited mapping over the site. Gold assays of 0.18 to 0.64 ounce gold per ton were returned from selected grab samples in a quartz vein approximately 1 foot wide. This vein contained pyrite, pyrrhotite and chalcopyrite as well as rare visible gold. Produced detailed maps of the surface of the Powell and Davidson-Carr properties along with a table of gold and silver assays from samples selected from the two properties.	Venn, 1982a, SLKT # 52J/02NE-0050
	Y-Island	Middle-North of claim block	Sherritt Gordon Mines Ltd.	Sampled the Y Island claims and examined 9 pits or trenches. 21 samples were taken from 7 of the pits. Selected grabs assayed from 0.04 to 3.8 ounces gold per ton from the southwest vein area and from 0.12 to 2.16 ounces gold per ton for the northeast vein.	SLKT # 52J/02NE-0039-B1
1983	Beckington Lake/Moose Creek (South of Northeast Arm Creek)	Southeast of claim blocks/North centre within claim block	UMEX (Union Miniere Explorations and Mining Corporation).	9 diamond drill holes: DDH #BE-9 (AF-0051,0019): SECTION ASSAYS 410 PPB AU/12 FT AT 448FT; Performed geophysical surveys – MAG, VLF, HLEM;	1983 UMEX – SLKT # 52J/02NE-0037
	Oz Island	South East of Claim Block	Moran Lake Corp.	Examined the islands as part of a larger program over the East Bay and King Bay areas of Sturgeon Lake.	SLKT # 52J/02SE-9265
1984	Moose Creek (South of Northeast Arm Creek)	North centre within claim block.	UMEX (Union Miniere Explorations and Mining Corporation)	Started an exploration program to explore a north trending belt of intermediate to felsic rocks centred on the Beckington Lake road. Nine drill holes were drilled in the first program and at least 21 holes were involved in the complete program.	Umex Diamond Drilling report, 1984

				Both surface and drill hole samples were analysed by x-ray and geochemical methods capable of the required precision.	
	Mine Lake	North centre within claim block.	Mid-North Engineering	VLF magnetic and radiometric surveys. Geological survey.	Gillett, 1987
1985	Northeast Arm Creek	North centre within claim block	UMEX (Union Miniere Explorations and Mining Corporation)	Conducted a geological and geophysical program over a block of claims on the east side of Sturgeon Lake parallel to the Beckington Lake Road. The primary targets of the program were base metal prospects, but gold and other precious metals were included in the geochemical assaying program. 4 drill holes in 1985 gave interesting gold assays.	SLKT # 52J/02NE-0009
1986	Thomas Lake	North centre within claim block.	UMEX (Union Miniere Explorations and Mining Corporation)	Drill testing of the vein zone with two drillholes (#4 and #6) looking for VMS-style mineralization along a creek north of Thomas Lake.	SLKT# 52J/02NE-0033
1986	Ouilette Lake	East and South boundary of Northern claim block	Mine Lake Minerals	Mapping, geochemical soil sampling, geophysical surveys, and drilling. Four holes were completed in 1986 and 1987 (86-1, 86-2, 86-3 and 87-1). Although the two shallow drillholes intersected zones of increased sulphide mineralization (in places semi-massive pyrite and pyrrhotite with lesser chalcopyrite) and quartz-carbonate veining, assays were not reported for these drillholes and no comments made as to their mineralized nature in the assessment work reports.	Gillett, 1986
	Beckington Lake	Southeast of claim blocks.	UMEX (Union Miniere Explorations and Mining Corporation)	6 diamond drill holes completed	UMEX, SLKT # 52J/02NE-0033
1987	Powell Prospect	West Sturgeon Lake (middle-North of claim block).	Minnova Inc.	Drilled holes GA-6, GA-7, GA-8.	Minnova Inc., 1987.
	Beckington Lake	Southeast of claim blocks.	Mine Lake Minerals Inc/Acton Minerals Inc.	Drilled 5 holes	Gillett, 1987.
1988	Davidson-Carr/Powell	West Sturgeon Lake (middle-North of claim block)/ West Sturgeon Lake	Villeneuve Resources Ltd.	Conducted drilling programs on the Davidson-Carr and Powell properties. DDH P-88-2 on the Powell property intersected a 4 foot long intersection which assayed 0.87 ounce gold per ton	SLKT # 52J/02NE-0006

		(middle-North of claim block).		(SLKT 52J/02NE-0066).	
1995	Mine Lake	East and South boundary of Northern claim block	Koski, Hollingworth, and Best; Prospectors.	Drilled 7 DDH's on East and North side of Mine Lake. Results included one Au value up to 1.028 oz/t, all other assays were of non-economic interest.	Dignard, 1995
2004	Beckington Lake Beckington Lake	Northwest partially covering current claim blocks. Northwest partially covering current claim blocks.	Emerald Fields Resource Corporation Emerald Fields Resource Corporation	Performed an EM geophysical survey over the property identifying and outlining several anomalous targets for follow-up. Follow-up ground work to previously identified geophysical targets was performed. Grab samples ranging from 0.02 g to 22.1 g Au and l g Ag were collected indicating the gold potential for the area to match the EM values.	Emerald Fields Resource Corporation, 2004; SLKT # 52J/02-2002 Emerald Fields Resource Corporation, 2004; SLKT # 52J/02NE-2001
2009	Davidson-Carr, Y-Island, Oz Island and Powell Prospects	North centre within claim block.	Paragon Minerals Corporation	Prospecting, sampling, mapping.	
2010	Thomas Lake, Mine Lake, and Powell Prospects	North centre within claim block/ North centre within claim block/ West Sturgeon Lake (middle-North of claim block).	Paragon Minerals Corporation	Prospecting, sampling, mapping, and trenching.	

A summary of Paragon's locations worked are described in this report below; see section 9.0.

8.1 Mine Lake Area

The potential for gold mineralization was recognized in the Mine Lake area during the 1930's. The Mine Lake and Thomas Lake areas were prospected and 2 shafts were sunk on Mine Lake in 1934 by persons unreported, though Stewart, W.F. is likely to have done this. Grab samples from an outcropping vein in the vicinity report visible gold being observed from a 10 foot wide vein in the area, but no assays were reported (SLKT Assessment File 52J/02NE-0063). Further work in the area started again in 1947 when two drillholes (#1 and #4) completed in the area of the loosely defined prospect returned assays of 0.27 oz/t Au over 5 feet (hole #1) and 0.065 oz/t over 15 feet (hole #4).

Mid-North Engineering Services and Candore Explorations Ltd. cut a new grid on the property, named the Mine Lake grid. Humus geochemical surveys were performed. 5 diamond drill holes were done based on geochemical and geophysical anomalies. No assays were given in the drill

logs. Mid-North Engineering followed up with VLF magnetic and radiometric surveys in 1987 (Gillett, 1987).

8.2 Powell-Davidson Carr Area

Davidson-Carr was recognized early on during the 1920's as a prospective target for gold mineralization. Channel Sampling over the prospect led to a rapid and intense program of shaft sinking from 1927-1929. A shaft inclined at -60 was sunk to 160 feet, and 150 feet of underground lateral work was completed. Contruction of an 18 ft. high headframe, a combined hoist house, and blacksmith shop with bunk house and ice house was completed. In addition, 230 feet of drifting had been done on the 160 level and 30 feet at the 130 foot level (Annual Report of Ontario Department of Mines, p119). An unknown quantity of ore was taken. Presumably there were profitable and encouraging results, but record keeping from this period is non-extant.

The Davidson-Carr shaft/mine and prospect was quiet, and remained so, after the intense work of the late 20's. Further work didn't initiate on the area until 1970 when McCrae Mining Ltd. conducted airborne magnetic and electro-magnetic surveys over the claim group. The claims were subsequently dropped (Trowell, 1983). Sherritt-Gordon Mines Ltd. conducted an exploration program on the area during the early 1980's; a table of gold and silver assays from samples selected from the property can be seen in their 1982 report (Venn, 1982 – 1, 52J/02NE-0050).

During the late 1980's, Villeneuve Resources Ltd. conducted drilling programs on the Davidson-Carr property. No results of economic significance were reported, and the property was dropped at a later date.

8.3 Oz Island Area

The island was explored during the 1940's for Au mineralization. Follow-up work led to two drill holes during 1947; records from this are non-extant. Moran Lake Corp. examined the islands as part of a larger program over the East Bay and King Bay areas of Sturgeon Lake (Report SLKT # 52J/02SE-9265).

8.4 Thomas Lake

Work by Stewart on the area during 1935 comprised three trenches along with sampling of the Thomas Lake Prospect yielding quartz veins assaying from 0.52 to 1.93 oz/t Au where No. 8 vein assayed from 0.52 to 1.93 ounce gold per ton. A year later in 1936, channel samples from No. 10 vein produced an assay of 1.15 ounce gold per ton. Little other exploration was recorded, and the area was apparently dormant until a new grid was cut on the property, the Thomas Lake. The work performed after this is unrecorded.

After a four decade hiatus on the property, Mid-North Engineering Services teamed with Candore Explorations Ltd. in 1982 by performing drill testing of the vein zone with two drillholes (#4 and #6) looking for VMS-style mineralization along a creek north of Thomas Lake. During 1987, stripping and trenching along east side of Thomas Lake was performed (SLKT Assessment File 52J02NE-0063).

8.6 Stewart -Contact Zone

The Stewart contact zone was recognized as being prospective for economic mineralization by W.F. Stewart during the 1930's. Grab samples from 0.3 to 6 ounces per ton gold on Stewart Vein. Grab sample from 0.4 to 2.8 ounces per ton gold on Contact Vein.

Further work on the Stewart and Contact vein zones comprised shallow shafts with grades up to .53 oz/5ft. and .39oz/3ft. Poor record keeping makes the exact locations ambiguous, but these samples are understood to be on the west side of the zone. Other data exists describing the area, but data loss/lack of input makes these records unreliable.

8.7 Powell Prospect

The Powell prospect was recognized as early as 1930 for gold mineralization, several shallow shafts were sunk. The records of this activity are non-existant. Further work didn't occur, or wasn't recorded, until McCrae Mining Ltd. performed geophysical surveys on the lake in 1970.

The GSO surveyed the Powell occurrence a decade later in 1981 as part of a regional program, and the geologist recommended additional work on it. Sherritt Gordon Mines Ltd. (Venn, 1982 - 2 (52J/02NE-9270); SLKT 52J/02NE-0036-B1) carried out geological and geophysical surveys over the Powell occurrence which included analyses of grab samples for gold on the Powell property and limited mapping over the site. Gold assays of 0.18 to 0.64 ounce gold per ton were returned from selected grab samples in a quartz vein approximately 1 foot wide. This vein contained pyrite, pyrrhotite and chalcopyrite as well as rare visible gold. Further, detailed maps of the surface of the Powell property along with a table of gold and silver assays from samples selected from the property were produced. (Venn, 1982 – 1, 52J02NE0050)

A few years later, in 1987, Mininova Resources drilled on the property holes GA-6, GA-7, GA-8 (Minnova Inc., 1987). A year later, Villeneuve Resources Ltd. conducted a drilling program on the Powell property with DDH-88-2 intersecting 4ft. of Au which assayed at .87oz/ton (Villeneuve, SLKT # 52J/02NE-0006).

8.9 Richelieu

The Richelieu deposit was first developed around 1899 on patent FM.206. They sank a test pit, 6' by 8', on a quartz vein 23' deep, which was later called the No. l Shaft. Anglo Canadian Gold Estates were the first operators of the ore body. The termination of Anglo's operations is unrecorded. In 1932 Golden Spur Syndicate stripped off and exposed the Richelieu vein on surface for 900 feet. Two years later, in 1934, Richelieu Gold Mines Ltd. acquired the prospect from Golden Spur and sank the two-compartment, No. 2 Shaft (Twomey, 1992).

Richelieu Gold Mines Ltd. agglomerated a 12 ton bulk sample that was sent to Ottawa from a 160 ft length of the vein just north of the No. l Shaft, which returned 0.46 oz/ton gold over an average width of 2.11 feet. Operations ceased in the summer of 1935 "owing to a low cash position". Ouilette Mines acquired the property between 1935 and 1947 and started mining the ore body again. It operated for an unrecorded amount of time.

8.10 Beckington Lake

Southeast of the claim blocks lies a NNE linear, Beckington Lake. It has been explored for gold since the early 1960's when 5 shallow drill holes totalled 568ft. depth. Selco exploration drilled one hole in the area, but this didn't generate much interest. Exploration was renewed in the 1980's when UMEX picked up the property and drilled 15 DDH's intersecting interesting values of gold however the results were lukewarm and did not generate much further interest past 1986. Though not on Paragons claim block, Beckington Lake is important as an indicator of interest in the area demonstrating belt-scale prospectivity.

9.0 2009 - 2010 EXPLORATION

From October 15th to October 18th, 2009 and August 11 to August 30th, 2010, Paragon completed two programs of systematic prospecting, lithogeochemical sampling and geological mapping covering the Gold Star Property. A total of 359 rock samples were collected over the property. From October 12th to November 2, 2010 Paragon completed an approximate 3 week program of mechanical stripping, channel sampling (224 samples including blanks and standards) and detailed trench mapping following up on the results of the previous two prospecting programs. The objective of the work was to locate and better expose gold mineralization on the property and develop targets for future diamond drilling.

A list of Paragon staff and contractors who completed the work along with a break-down of man days worked per claim is presented in Appendix I. Rock sample (float, grab and channel) locations and descriptions are presented in Appendix II with analytical certificates presented in Appendix III. A summary of the analytical procedures used is presented in Appendix IV. A statement of expenditures by claim is presented in Appendix V. All samples were collected by Paragon staff or contractors with samples being submitted to ALS Minerals in Thunder Bay, Ontario for gold assay. Sample pulps were forwarded to ALS Minerals in NorthVancouver, BC for 33 element ICP analysis. Systematic analytical standards and blanks were inserted into the channel sample stream every 20 samples to monitor quality of the analytical results. All blanks and standards analyzed within 2 standard deviation of the accepted mean assay indicated good assay quality of the natural samples. Standards and blanks were not employed with the prospecting samples.

9.1 2009 Prospecting

From October 15th to 18th, 2009 Paragon completed an initial field investigation of the property in which sampling confirmed the high-grade gold-bearing nature of historic occurrences on the property as described in existing public documents and assessment reports. Results of quartz-vein grab samples from the key gold prospects are summarized below. Prospecting and sampling focused on follow-up sampling of the Powell, Davidson-Carr, Y-Island and Oz-Island historic gold prospects. A total of 15 samples (RNF20721 to 20735) were collected and assayed for gold (metallic screen analysis) and 33-trace elements (ICP analysis) at ALS Chemex Labs in Thunder Bay, Ontario (sample prep) and North Vancouver, BC (geochemical analysis; Appendix II – Locations; Appendix III – Assay Results; and Figures 4 to 11).

Prospecting and sampling was successful in finding visible gold at each of the prospects with elevated gold grades as follows:

- RNF20721-RNF20725 0.46 g/t to 22.80 g/t gold (0.10 to 0.66 oz/ton) at the Davidson-Carr Prospect (5 grab samples);
- RNF20726-RNF20729 34.2 g/t to 276.0 g/t gold (0.99 to 8.06 oz/ton) at the Powell Prospect (4 grab samples); and
- RNF20732-RNF20733 49.8 g/t gold (1.45 oz/ton) at the Y-Island prospect with 6.14 g/t gold (0.18 oz/ton) from the sheared host wallrock (2 samples).

The prospecting program provided early stage high-grade gold results that led to Paragon optioning the property in the autumn of 2009 (see section 4.0 above).

9.2 2010 Prospecting and Rock Sampling

From August 11 to August 30th, 2010, Paragon completed a prospecting and geological mapping program at the Gold Star property. A total of 339 rock float and grab samples (RNF19643 to RNF19700; RNF20721 to RNF20796; RNF24736 to RNF24760, RNF24783; RNF25701 to RNF25800; RNF25830 to RNF25 861; RNF25871 to RNF25902; RNF27557 to RNF27600) were collected systematically across the entire property (Appendix II and III and Figures 4-11). The prospecting program was designed to follow-up on existing mineral occurrences as well as reconnaissance style traverses aimed at discovering new zones of mineralization and follow-up of mapped structural features from regional geological mapping and airborne geophysical surveys. Geological mapping was designed to better understand the geological and structural setting that hosts gold mineralization across the property and to confirm the previous 1:50,000 scale mapping of the area. Prospecting has led to the identification of two key gold exploration areas: the Northeast Arm deformation zone and the Thomas Lake-Mine Lake Area that warrant follow-up work in the near term.

The **Northeast Arm deformation zone** is a five-kilometre wide, north-northeast striking, composite deformation zone that extends through the northeast arm of Sturgeon Lake and hosts the historic Powell, Davidson-Carr and Y-Island gold prospects (see map). The deformation zone is exposed on a series of small islands between and south of the historic gold prospects and shows strong variability from locally weakly to intensely deformed and altered volcanic rocks.

Prospecting along the zone continued to add to the high-grade gold values with assays up to 169.00 g/t gold (4.93 oz/t) obtained from historic pits in the Powell prospect area from sample RNF25750. Gold-bearing quartz veins with assays up to 3.83 g/t gold (0.11 oz/t) and 5.14 g/t gold (0.15 oz/t), samples RNF25705 and RNF27563, respectively, were identified 350 and 500 metres east of the Davidson-Carr gold prospect. To the southwest end of Y-Island, sample RNF19665 returned 44 g/t gold (1.28 oz/t) from a 0.5 metre wide quartz vein zone. The vein zone has been traced over a strike length of 100 metres in this area and tested by a single historic drillhole.

Gold mineralization is interpreted to be associated with deformation along the Northeast Arm shear zone that occurred over a protracted period of time, where older (D1) shearing was

overprinted by localized younger (D2) shears. These are typically marked by northeast striking zones of increased shear fabric development and associated iron carbonate, pyrite and sericite alteration. The historical gold prospects in the area are generally observed to be flanking the main deformation structures. The shear zones due to their friable nature are generally more recessively eroded and overlain by water. It is these zones of intense alteration that form the most interesting target to host gold mineralization.

The **Thomas Lake-Mine Lake Area** is a large mineralized area that is host to multiple gold bearing quartz vein zones that include the Thomas Lake, Mine Lake, Mine Lake North, Stewart-Contact Zone and Wagon Road gold prospects. Historical work in area (1920's to 1940's) included trenching and numerous test pits, two shallow shafts and some limited underground development at Mine Lake and Stewart-Contact Zone gold prospects. Historic diamond drilling in the area is limited to 17 shallow drillholes (1,078 metres), with a majority of the drillholes completed at the Mine Lake and Mine Lake North prospects. No drilling has been completed at the Thomas Lake or Stewart-Contact Zone gold prospects. Assay results from the historic drilling were not reported.

The prospecting and mapping program focused on all five historical prospects and the surrounding host area. Coarse visible gold was observed in a 2-metre wide composite quartz vein zone at the Thomas Lake prospect. Sample RNF19681 from the quartz vein zone assayed up to 62.80 g/t gold (1.83 oz/t). Sampling of the historic pits at the Mine Lake gold prospect and Stewart-Contact Zone prospect returned assays of up to 29.00 g/t gold (0.84 oz/t) and up to 17.75 g/t gold (0.52 oz/t) in samples RNF25842 and RNF25896, respectively.

The vein zones are interpreted to have developed within several, north striking, early-stage (D1) shear zones similar in style to the later D2 shear zones affecting the Northeast Arm deformation zone, with development of 10+ metre wide zones of intense iron carbonate, pyrite and sericite alteration of host mafic and felsic volcanic rocks. The D2 shearing, present in the Powell Davidson-Carr area, does not seem to play a significant role at the Thomas Lake-Mine Lake Area.

9.3 2010 Mechanical Stripping, Channel Sampling and Geological Mapping

From October 12th to November 2, 2010, Paragon completed an approximate 3 week program of mechanical stripping, channel sampling (224 samples including blanks and standards) and detailed trench mapping following up on the results of the previous two prospecting programs. The preliminary trenching program was designed to follow-up on recent surface sampling results at the Mine Lake, Thomas Lake and Powell gold prospects.

Locations and descriptions of the channel samples are presented in Appendix II and Figures 12-17. Gold and trace element analyses are presented in Appendix III.

Highlights of the trenching program include:

- Discovery of a new zone of mineralization at the Mine Lake Prospect
- Assays up to 8.6 g/t gold over 3.2 metres and 19.5 g/t gold over 1.0 metres at Mine Lake

- All three prospects open along strike

The following is a summary of work completed.

Thomas Lake Prospect – Trenching at the Thomas Lake Prospect targeted an area where previous sampling of outcropping quartz vein zones assayed between 0.14 g/t gold and 62.80 g/t gold (1.83 oz/t). Trenching has exposed four (4) composite quartz, iron-carbonate and sulphide (pyrite, pyrrhotite) vein zones which measure between 0.3 to 3.0 metres (Figure 12). The vein zones pinch and swell along strike and are hosted within sheared quartz porphyry and at the sheared contacts between quartz porphyry and younger mafic sills. The quartz veining is accompanied by strong to intense sericite, chlorite and Fe-carbonate alteration of the host rocks, with the veining and associated alteration extending along strike beyond the area of exposed bedrock. A total of 114 channel samples (I284501-I284614) were collected from the Thomas Lake trench area returning assays of 5.4 g/t gold over 1.1 metres. There is no record of this prospect having been tested by diamond drilling.

Mine Lake Prospect - At the Mine Lake Prospect, trenching exposed a previously unrecognized zone of visible gold bearing quartz veins and intense Fe-carbonate alteration (Figure 13 and 14). The zone of mineralization is hosted within a NW-oriented late stage shear zone that cuts the host mafic volcanic and intrusive rocks and late stage folds (F2) that affect the rocks. Two convergent quartz (V1) and quartz-iron carbonate (V2) vein zones measuring between 3 and 10 metres wide we sampled. The two vein zones converge in the central portion of the trench near where previous sample RNF25842 returned 29.0 g/t gold (0.84 oz/t). A total of 84 channel samples (I284615-I284686) were collected from the Mine Lake trench area returning assays of 8.52 g/t gold over 3.2 metres, including 25.4 g/t gold over 1.0 metre (V1) and 19.5 g/t gold over 1.0 metres (V2). The zone of intense deformation, alteration and associated quartz veining is open along strike in both directions. Historic drilling in the larger Mine Lake area (12 shallow drillholes for 814.7 metres) did not directly test this zone of mineralization.

Powell Prospect – Trenching at the Powell Prospect was designed to follow up on rock grab samples from historic pits and trenches that assayed from 34.2 g/t to 276.0 g/t gold (0.99 to 8.06 oz/ton). Three vein zones were exposed that are hosted by felsic tuff and mafic volcanic and intrusive rocks (Figures 15 to 17). The three vein zones occur as dismembered, boudinaged zones that are 0.5-2 metres wide. A total of 19 channel samples (I284698-I284724) were collected from the Powell Prospect with assays including 5.83 g/t gold over 0.6 metres. Nine historic diamond drillholes totaling 711 metres have been completed at the Powell Prospect, returning assays up to 0.87 oz/ton gold over 4 feet.

9.6 Statement of Expenditures

A summary of expenditures by claim on the Gold Star Property is presented in Appendix V.

10.0 CONCLUSIONS AND RECOMMENDATIONS

Highlights of the 2009-2010 exploration program at the Gold Star Project include:

- Sampling of numerous high grade gold bearing vein zones throughout the property at the Davidson-Carr, Powell, Y-Island, Mine Lake, Thomas Lake and Stewart-Contact Prospects among others;
- Geological observations indicate that the property is underlain by rocks that have been deformed in a structural regime favourable for the formation of significant gold mineralization with multiple generations of shear zones and associated mineralized quartz veins.
- Trenching at Mine Lake outlined a new zone of gold mineralization with a different orientation (NW striking) not previously documented within the area;
- Results of early-stage exploration to date indicate that the area has potential to host significant gold mineralization.

The Goldstar Prospect is a grassroots exploration project. There is abundant potential for extensive gold mineralization, but significantly more early-stage prospecting and trenching assisted by geological mapping is required for better understanding of the mineralizing systems controlling the gold distribution in the area. Historical mining in the area combined with the widespread alteration and deformation suggests that a much larger gold resource still exists to be discovered.

Near to infrastructure and in a politically and socially stable area, the Goldstar Prospect favours positive conditions to foster exploration in the area. Significant gold and/or base metal deposits are expected to be discovered with additional understanding of the area.

Recommendations for future work include:

- Additional prospecting (3 weeks) to follow-up on areas showing the highest potential for gold mineralization;

- Follow-up mechanical stripping/trenching at Mine Lake area where a new zone of gold mineralization was discovered;

- Trenching at the Stewart-Contact Zone to assess the extent and nature of gold mineralization.

- IP geophysical surveys over the main prospects to generate targets for follow-up drilling.

The recommended exploration program is anticipated to cost approximately $250,000.

Respectfully Submitted:
Paragon Minerals Corporation

Bryan Sparrow, B.Sc., Geologist-in-Training

David A. Copeland, M.Sc., P. Geo.

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12.0 PROFESSIONAL CERTIFICATION

I, David A. Copeland, a geologist in the employee of Paragon Minerals Corporation, residing at 6 Falcon Place, St. John's, Newfoundland, A1A 5P1, hereby certify that:

1. I am a graduate of the University of New Brunswick, Fredericton with a M.Sc. degree in geology (1999), and a graduate of the University of New Brunswick, Fredericton with a B.Sc. degree in geology (1995).

2. I have been employed in the geoscience industry for 14 years, and have explored for gold, base metals and diamonds in Canada and Australia for both senior and junior mining and exploration companies.

3. My most recent visit to the Gold Star Property was during October 2010.

4. I am a member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of Alberta (license # M66276) and the Association of Professional Engineers and Geoscientists of Newfoundland and Labrador (Registration # 04257).

5. I personally prepared, supervised and reviewed all sections of this assessment work report entitled "1st and 2nd Year Assessment Report on Prospecting, Mechanical Stripping and Data Compilation on the Gold Star Property, Beckington Lake (G-2532) and Squaw Lake (G-3140) Areas, Patricia Mining Division, Ontario" and supervised the fieldwork.

6. As of the date of this certificate, to the best of my knowledge, information and belief, the technical report contains all scientific and technical information that is required to be disclosed to make the report not misleading.

Dated this 5th day of May, 2011 David A. Copeland, M.Sc., P.Geo.

Signature of Author

(Effective Date: May 5, 2011)

Appendix I

List of Personnel and Contractors

Appendix I - List of Personnel and Contractors

Paragon Minerals Corporation		
Personnel	**Location**	**Title**
Bryan Sparrow	St. John's, NL	Geologist
Dave Copeland	St. John's, NL	Geologist
Mike Vande Guchte	Vancouver, BC	Geologist
Quest Contractors		
Mervin Quinlan	Birchy Bay, NL	Prospector
Roland Quinlan	Birchy Bay, NL	Prospector
Stares Contracting		
Clinton Peacock	Thunder Bay, Ont	Prospector
Scott Mortson	Thunder Bay, Ont	Prospector
Ryan Pizzalatto	Thunder Bay, Ont	Prospector
Blair Contracting		
Duncan Scott	Dryden, Ont	Excavator Operator
ALS Chemex		
ALS Chemex	Vancouver, BC	Geochemical Laboratory

Appendix II

Rock Sample Descriptions and Locations

Appendix II. Rock Sample Descriptions and Locations

Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
I284501	4217371	670538	5561964	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.7	felsic	fresh/weathered	Moderately ser-altd tuff. Weakly diss sulphide patches from mm-cm-scale. Cm-scale QV through sample looks barren.	Sericite	1% py.	Thomas Lake Trench	0.005
I284502	4217371	670537	5561964	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Weak to moderately ser-altd tuff. Minor Fe-crb lenses occur diss throughout. Weakly dis sulphides proximal to qtz lenses.	Sericite	1% py.	Thomas Lake Trench	0.005
I284503	4217371	670537	5561963	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Same as 4502, but w/more carbonate & black chlorite.	Ser-crb-chl		Thomas Lake Trench	0.015
I284504	4217371	670536	5561963	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Weakly ser-sltd tuff. Diss qtz lenses, fg'd sulphides. Weak silicic overprint.	Ser-sil	1% py.	Thomas Lake Trench	0.021
I284505	4217371	670536	5561963	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.6	felsic	fresh/weathered	Same as 4504.	Ser-sil	1% py.	Thomas Lake Trench	0.005
I284506	4217371	670539	5561962	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.6	felsic	fresh/weathered	Same as 4504; increase in qtz eyes.	Ser-sil	1% py.	Thomas Lake Trench	0.005
I284507	4217371	670538	5561962	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.7	felsic	fresh/weathered	Strong to intense crb-altn; locally replacement. Ch-rich tuff w/strong ser altn. Disseminated qtz lenses w/weak sulphides.	Crb-chl-ser		Thomas Lake Trench	0.005
I284508	4217371	670538	5561962	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Mg'd, weakly ser, felsic tuff w/lesser qtz vein component.	ser		Thomas Lake Trench	0.008
I284509	4217371	670537	5561962	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Qtz-crb intermixed w/tuff & minor fe-crb component.	Crb		Thomas Lake Trench	1.965
I284510	4217371	670537	5561962	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Tuff and qtz vein. Weak ser. Minor crb component.	Ser-crb		Thomas Lake Trench	0.005
I284511	4217371	670536	5561961	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.4	felsic	fresh/weathered	Mod-str ser felsic tuff.	ser		Thomas Lake Trench	0.005
I284512	4217371	670536	5561961	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Mod-str ser felsic tuff.	ser		Thomas Lake Trench	0.005
I284513	4217371	670536	5561961	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.45	felsic	fresh/weathered	Mod-str ser felsic tuff.	ser		Thomas Lake Trench	0.005
I284514	4217371	670543	5561963	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Mod-str ser felsic tuff.	ser		Thomas Lake Trench	0.005
I284515	4217371	670542	5561962	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Weak - moderate ser-altered tuff. Weak fe-crb lenses. Weak silicic overprint.	Ser-crb		Thomas Lake Trench	0.005
I284516	4217371	670541	5561962	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Same as 4515, but with diss pyrite.	Ser-crb	1% py.	Thomas Lake Trench	0.005
I284517	4217371	670541	5561962	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.6	felsic	fresh/weathered	Same as 4516, but with increase in sulphide.	Ser-crb	1% py.	Thomas Lake Trench	0.006
I284518	4217371	670540	5561961	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.7	felsic	fresh/weathered	Strongly oxidized zone of tuff. Weak to moderate silicic overprint. Moderate sulphides diss throughout; Arsenopyrite (?).	Sil	1% py.	Thomas Lake Trench	0.093
I284519	4217371	670540	5561961	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Weakly ser+chl+crb altered tuff. Weakly oxidized surface.	ser-crb-chl		Thomas Lake Trench	0.005
I284520	4217371											standard (GS-3G)							Thomas Lake Trench	2.86
I284521	4217371											blank - granite to diorite (highway Savant Lake)							Thomas Lake Trench	0.005
I284522	4217371	670538	5561961	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Weakly ser+chl+crb altered tuff. Weakly oxidized surface.	ser-crb-chl		Thomas Lake Trench	0.038
I284523	4217371	670538	5561961	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.55	felsic	fresh/weathered	Intermixed zone of crb-qtz. Weak oxidization of surface side.	ser-crb-chl		Thomas Lake Trench	0.005
I284524	4217371	670537	5561960	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Blue-grey-green, mg-cg'd felsic tuff. Minor sulphides, weak chl, weak ser.	ser-crb-chl		Thomas Lake Trench	0.031
I284525	4217371	670537	5561960	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Felsic tuff w/qtz-crb-chl veining. Weak-mod ser of tuffs.	ser-crb-chl		Thomas Lake Trench	0.009
I284526	4217371	670536	5561960	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Felsic tuff w/qtz-crb-chl veining. Weak-mod ser of tuffs.	sil-crb-chl-ser		Thomas Lake Trench	0.006
I284527	4217371	670536	5561960	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Blue-grey-green, mg-cg'd felsic tuff. Minor sulphides, weak chl, weak ser.	ser-crb-chl		Thomas Lake Trench	0.005
I284528	4217371	670542	5561958	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.8	felsic	fresh/weathered	V. thin to thinly layeres fresh falsic tuff, qtz lenses and weak-moderately oxidized bands of fe-crb stringers.	fe-crb		Thomas Lake Trench	0.007
I284529	4217371	670541	5561958	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.55	felsic	fresh/weathered	Same as I284528; py diss throughout		5% py.	Thomas Lake Trench	0.02
I284530	4217371	670541	5561958	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	weathered	Mod-str altered tuff w/diss chloritic lenses. Increase in intensity of ser from samples 28+29.	chl		Thomas Lake Trench	0.005

Appendix II. Rock Sample Descriptions and Locations

Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
I284531	4217371	670540	5561958	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Mod-str altered tuff w/diss chloritic lenses. Increase in intensity of ser from samples 28+29.	chl		Thomas Lake Trench	0.005
I284532	4217371	670540	5561958	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Felsic tuff & qtz vein. Mod-str ser-altn, appearing more schistose than 4531. Bands of dark blue-black chl alteration overprinted w/silicic alteration Spotty Fe-crb alteration.	chl		Thomas Lake Trench	0.005
I284533	4217371	670539	5561958	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Felsic tuff & qtz vein. Mod-str ser-altn, appearing more schistose than 4531. Bands of dark blue-black chl alteration overprinted w/silicic alteration Spotty Fe-crb alteration.	chl		Thomas Lake Trench	0.71
I284534	4217371	670539	5561957	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Qtz vein w/lesser crb & relict tuff clasts. Moderate fe-crb oxidization of surficial material.	Fe-crb		Thomas Lake Trench	0.005
I284535	4217371	670538	5561957	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.85	felsic	fresh/weathered	Blue-grey tuff w/weak sericitization.	Ser		Thomas Lake Trench	0.009
I284536	4217371	670540	5561956	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Intermixed tuff and qtz-crb material.	Sil-crb		Thomas Lake Trench	0.005
I284537	4217371	670539	5561956	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Intermixed tuff and qtz-crb material.	Sil-crb-ser		Thomas Lake Trench	3.45
I284538	4217371	670539	5561956	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Intermixed tuff and qtz-crb material; weak ser, locally strong.	Sil-crb		Thomas Lake Trench	0.052
I284539	4217371	670539	5561955	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.8	felsic	fresh/weathered	Moderately sericitized felsic tuff.	ser		Thomas Lake Trench	0.03
I284540	4217371	670539	5561955	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.8	felsic	fresh/weathered	Tuff w/qtz veining dischordant to foliation.			Thomas Lake Trench	0.05
I284541	4217371	670544	5561955	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.8	felsic	fresh/weathered	Weak ser, minor chl spots diss throughout.	ser-chl		Thomas Lake Trench	0.005
I284542	4217371	670544	5561955	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.7	felsic	fresh/weathered	Ser-chl-sil altered tuff. Qtz lenses locally. Py diss throughout. Fe-crb oatchy.	ser-chl-sil-crb	3% py.	Thomas Lake Trench	0.116
I284543	4217371	670543	5561955	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.4	felsic	fresh/weathered	Qtz vein and tuff. Chloritic blebs within qtz. Mino diss sulphides.	Chl	2% py.	Thomas Lake Trench	0.008
I284544	4217371	670543	5561955	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.6	felsic	fresh/weathered	Tuff. Weak ser. Weak oxidization (of surface material) of fe-crb. Weak py.	ser-crb	1% py.	Thomas Lake Trench	0.006
I284545	4217371	670542	5561954	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	weathered	Weak to mod ser-altered tuff. Splashy sulphides. Qtz lenses diss throughout. Weak to strong fe-crb.	ser	3-5% py locally	Thomas Lake Trench	0.018
I284546	4217371	670542	5561954	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	weathered	Tuff w/weak py as diss patches. Intermixed w/qtz-crb veining.	Sil-crb		Thomas Lake Trench	0.027
I284547	4217371	670541	5561954	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	weathered	Strongly qtz-crb altered tuff. Minor chl stringers resemble stylolites. Rare py.	sil-crb-chl	1% py.	Thomas Lake Trench	1.55
I284548	4217371	670541	5561954	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.6	felsic	Fresh	Tuff, fresh, barren.			Thomas Lake Trench	8.6
I284549	4217371	670540	5561954	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/22/2010	CP,RP,BS	channel	0.5	felsic	weathered	Intermixed qtz-crb-chl altered tuff and qtz vein.	crb-chl		Thomas Lake Trench	0.071
I284550	4217371	670540	5561954	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.6	felsic	weathered	Intermixed qtz-crb-chl altered tuff and qtz vein.	crb-chl		Thomas Lake Trench	0.007
I284551	4217371	670547	5561952	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	weathered	Blue-grey, felsic tuff w/Fe-crb lenses.	Fe-crb		Thomas Lake Trench	0.005
I284552	4217371	670546	5561952	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	weathered	Blue-grey, felsic tuff w/Fe-crb lenses.	Fe-crb		Thomas Lake Trench	0.005
I284553	4217371	670545	5561952	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.55	felsic	weathered	Abundant Fe-crb material w/lesser tuff.	Fe-crb		Thomas Lake Trench	0.012
I284554	4217371	670545	5561952	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.6	felsic	weathered	Blue-grey, felsic tuff w/Fe-crb lenses.	Fe-crb		Thomas Lake Trench	0.005
I284555	4217371	670544	5561951	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Blue-grey tuff w/weak chloritic-sericitic alteration	chl-ser		Thomas Lake Trench	0.005
I284556	4217371	670543	5561951	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.55	felsic	fresh/weathered	Intermixed tuff and qtz-crb vein material. Weak chl, w/mod sil.	chl-sil-crb		Thomas Lake Trench	0.005
I284557	4217371	670542	5561950	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Blue-grey tuff w/weak chloritic-sericitic alteration	chl-ser		Thomas Lake Trench	0.005
I284558	4217371	670555	5561956	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Tiff w/blue qtz-eyes, weak ser altn.	ser		Thomas Lake Trench	0.005
I284559	4217371	670554	5561956	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.8	felsic	fresh/weathered	Tiff w/blue qtz-eyes, weak ser altn.	ser		Thomas Lake Trench	0.005
I284560	4217371	670553	5561955	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.7	felsic	fresh/weathered	Intermixed qtz vein and tuff w/ser-chl-crb-sil overprint/alteration.	ser-chl-crb-sil		Thomas Lake Trench	0.005
I284561	4217371	670553	5561955	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Tiff w/blue qtz-eyes, weak ser altn.	ser		Thomas Lake Trench	0.005

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Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
I284562	4217371	670552	5561955	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.8	felsic	fresh/weathered	Tiff w/blue qtz-eyes, weak ser altn.	ser		Thomas Lake Trench	0.005
I284563	4217371	670551	5561954	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.55	felsic	fresh/weathered	Intermixed qtz-tuff w/weak chloritization of tuff. Minor carbonate replacement (?).	Chl-crb		Thomas Lake Trench	0.053
I284564	4217371	670550	5561954	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.6	felsic	fresh/weathered	Intermixed qtz-tuff w/weak chloritization of tuff. Minor carbonate replacement (?). Minor gabbro sill, 3-5mm.	Chl-crb		Thomas Lake Trench	0.036
I284565	4217371	670549	5561953	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.6	felsic	fresh/weathered	Intermixed qtz-tuff w/weak chloritization of tuff. Minor carbonate replacement (?).	chl-crb		Thomas Lake Trench	0.011
I284566	4217371	670555	5561954	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Stockwork qtz-crb hosted by tuff. Weak chl.	crb-chl		Thomas Lake Trench	0.005
I284567	4217371	670554	5561954	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Grey-blue tuff with/mm scale qzt eyes.			Thomas Lake Trench	0.005
I284568	4217371	670553	5561953	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Felsic tuff w/glassy black chl (?) shards, wtz eyes.	chl		Thomas Lake Trench	0.005
I284569	4217371	670552	5561953	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.7	felsic	fresh/weathered	Felsic tuff w/glassy black chl (?) shards, wtz eyes.	chl		Thomas Lake Trench	0.005
I284570	4217371											standard (GS-3G)							Thomas Lake Trench	2.83
I284571	4217371											blank - granite to diorite (highway Savant Lake)							Thomas Lake Trench	0.005
I284572	4217371	670551	5561952	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Intermixed qtz and tuff. Patchy qtz-crb-chl alteration.		qtz-crb-chl	Thomas Lake Trench	0.033
I284573	4217371	670550	5561952	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.75	felsic	fresh/weathered	Grey-blue felsic tuff. Weakly diss py. Sporadic qtz eyes.		1% py.	Thomas Lake Trench	0.005
I284574	4217371	670558	5561952	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.9	felsic	fresh/weathered	Grey-blue felsic tuff. Weakly diss py. Sporadic qtz eyes.		qtz-crb-chl	Thomas Lake Trench	0.005
I284575	4217371	670557	5561952	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.6	felsic	fresh/weathered	Intermixed qtz and tuff. Patchy qtz-crb-chl alteration.		qtz-crb-chl	Thomas Lake Trench	0.005
I284576	4217371	670557	5561951	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Grey-blue felsic tuff. Weakly diss py. Sporadic qtz eyes.		1% py.	Thomas Lake Trench	0.016
I284577	4217371	670556	5561951	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.8	felsic	fresh/weathered	Grey-blue tuff w/diss qtz eyes. Sporadic chlorite	Chl		Thomas Lake Trench	0.005
I284578	4217371	670556	5561951	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.8	felsic	fresh/weathered	Grey-blue tuff w/diss qtz eyes. Sporadic chlorite. Patched of sulphides in bands.		3-5% py.	Thomas Lake Trench	0.044
I284579	4217371	670555	5561950	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Weak ser altered tuff. Weakly disseminated Fe-crb lenses; weak oxidization of surface material.	ser-crb		Thomas Lake Trench	0.032
I284580	4217371	670555	5561950	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Moderately ser-altd tuff. V. weakly diss pyrite.	ser	1% py.	Thomas Lake Trench	0.005
I284581	4217371	670554	5561949	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Weak ser altered tuff. Weakly disseminated Fe-crb lenses; weak oxidization of surface material.		ser-crb	Thomas Lake Trench	0.005
I284582	4217371	670553	5561949	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Weak ser altered tuff. Weakly disseminated Fe-crb lenses; weak oxidization of surface material.	ser-crb		Thomas Lake Trench	0.005
I284583	4217371	670553	5561948	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Weakly ser tuff; weak ro mod sil; minor py diss.	ser-sil	1% py.	Thomas Lake Trench	0.005
I284584	4217371	670552	5561948	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Variably ser altered from weak zones to strong zones. Patchy crb altn, locally as complete recrystallization. Qtz vein w/significant Fe-crb component.	ser-crb		Thomas Lake Trench	0.005
I284585	4217371	670550	5561948	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Variably ser altered from weak zones to strong zones. Patchy crb altn, locally as complete recrystallization.	ser-crb		Thomas Lake Trench	0.005
I284586	4217371	670549	5561947	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Blue-green tuff w/weak-mod ser altn. Cg'd, black chl spots, and weak qtz-crb veining.	ser-chl-crb-sil		Thomas Lake Trench	0.005
I284587	4217371	670548	5561947	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.7	felsic	fresh/weathered	Qtz-crb w/lesser tuff.	qtz-crb		Thomas Lake Trench	0.005
I284588	4217371	670546	5561946	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.6	felsic	fresh/weathered	Tuff w/mod-str ser altn. Minor fg'd sulphides.	ser	2% py	Thomas Lake Trench	0.005
I284589	4217371	670545	5561946	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Tuff w/mod-str ser altn. Minor fg'd sulphides.	ser	2% py	Thomas Lake Trench	0.005
I284590	4217371	670561	5561945	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Light, fg'd, silicified tuff. Minor crb altn. Weak sericitization.	sil-ser		Thomas Lake Trench	0.005
I284591	4217371											standard (GS-3G)							Thomas Lake Trench	2.92

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I284592	4217371											blank - granite to diorite (highway Savant Lake)							Thomas Lake Trench	0.005
I284593	4217371	670560	5561945	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Light, fg'd, silicified tuff. Minor crb altn. Weak sericitization.	sil-ser		Thomas Lake Trench	0.005
I284594	4217371	670560	5561944	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Strongly, qtz-crb-ser altered felsic tuff.	qtz-crb-ser		Thomas Lake Trench	0.007
I284595	4217371	670559	5561944	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Tuff and qtz-crb veining.	crb		Thomas Lake Trench	0.005
I284596	4217371	670558	5561944	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Tuff and qtz-crb veining.	crb		Thomas Lake Trench	0.005
I284597	4217371	670558	5561943	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Tuff and qtz-crb veining.	crb		Thomas Lake Trench	0.005
I284598	4217371	670557	5561943	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1.2	felsic	fresh/weathered	Qtz & tuff w/lesser crb. Mino ser locally.	crb-ser		Thomas Lake Trench	0.005
I284599	4217371	670557	5561943	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1.2	felsic	fresh/weathered	Light grey, fg'd felsic tuff. Weak to moderate sericitization.	ser		Thomas Lake Trench	0.005
I284600	4217371	670556	5561943	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Blue-grey, fg'd-mg'd tuff. Weak, fg'd, widespaced, disseminated sulphides. Minor qtz-crb veinlets.			Thomas Lake Trench	0.081
I284601	4217371	670556	5561943	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Grey, mg-cg'd, felsic tuff w/weak-mod ser overprinting matrix.	ser		Thomas Lake Trench	0.005
I284602	4217371	670556	5561943	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Light grey, fg'd felsic tuff. Weak to moderate sericitization.	ser		Thomas Lake Trench	0.005
I284603	4217371	670555	5561943	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	1	felsic	fresh/weathered	Grey, mg-cg'd, felsic tuff w/weak-mod ser overprinting matrix.	ser		Thomas Lake Trench	0.005
I284604	4217371	670554	5561943	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.6	felsic	fresh/weathered	Intermixed felsic tuff and qtz vein material.			Thomas Lake Trench	0.16
I284605	4217371	670554	5561943	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.6	felsic	fresh/weathered	Weak to moderately ser+sil+crb altered tuff. Minor oxidization of carbonate on surface.	ser-sil-crb		Thomas Lake Trench	0.046
I284606	4217371	670553	5561943	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Minor black chl (?) or bt (?) spots disseminated throughout.	chl-bt		Thomas Lake Trench	0.005
I284607	4217371	670552	5561943	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.4	felsic	fresh/weathered	Weak to moderately ser+sil+crb altered tuff. Minor oxidization of carbonate on surface.	ser-sil-crb		Thomas Lake Trench	0.005
I284608	4217371	670552	5561942	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.8	felsic	fresh/weathered	Minor black chl (?) or bt (?) spots disseminated throughout.	chl-bt		Thomas Lake Trench	0.005
I284609	4217371	670559	5561951	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.7	felsic	fresh/weathered	Thinly layered tuff. Weak ser altn. Sporadic, v.fine pyrite. Mm-scale blue grey qtz eyes punctuate unit	ser		Thomas Lake Trench	0.005
I284610	4217371											standard (GS-3G)							Thomas Lake Trench	2.94
I284611	4217371											blank - granite to diorite (highway Savant Lake)							Thomas Lake Trench	0.005
I284612	4217371	670558	5561951	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.55	felsic/qtz	fresh/weathered	Qtz vein within tuff. Weak ser adjacent to vein.Ser			Thomas Lake Trench	0.005
I284613	4217371	670558	5561950	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	channel	0.5	felsic	fresh/weathered	Grey-blue felsic tuff w/mm-scale qtz eyes. Minor-moderate chl alteration w/weakly associated py.	chl-ser		Thomas Lake Trench	0.005
I284614	4217371	670563	5561940	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Thomas Lake	10/23/2010	CP,RP,BS	Grab	N/A	Qtz	fresh/weathered	massive qtz vein, buff white.			Thomas Lake Trench	0.005
I284615	4249672	670858	5560339	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Fg-mg'd, chloritized mafic tuff w/qtz-crb veins/lenses. Significant oxidization of surficial exposure.	crb		Mine Lake East Trench	0.006
I284616	4249672	670857	5560339	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Strongly oxidized fr-crb-rich mafic tuff. Abundant sulphides </= 5% as diss patches.		5% py	Mine Lake East Trench	0.058
I284617	4249672	670856	5560338	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Strongly oxidized fr-crb-rich mafic tuff. Abundant sulphides </= 5% as diss patches.		5% py	Mine Lake East Trench	0.005
I284618	4249672	670855	5560336	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1.1	Mafic	fresh/weathered	Strongly oxidized fr-crb-rich mafic tuff. Abundant sulphides </= 5% as diss patches. Zones of black chlorite (?) intermixed w/qtz veins.	chl		Mine Lake East Trench	0.007
I284619	4249672	670854	5560335	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Strongly oxidized fr-crb-rich mafic tuff. Abundant sulphides </= 5% as diss patches. Zones of black chlorite (?) intermixed w/qtz veins.	chl		Mine Lake East Trench	0.151

Appendix II. Rock Sample Descriptions and Locations

Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
I284620	4249672	670854	5560341	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1.1	Mafic	fresh/weathered	Blue green, fg-mg'd, strongly qtz-crb-chl rich altered mafic tuff. Weakly disseminated py throughout.	crb-chl		Mine Lake East Trench	0.127
I284621	4249672	670853	5560340	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1.1	Mafic	fresh/weathered	Same as 4620, but with qtz vein cutting through.			Mine Lake East Trench	0.169
I284622	4249672	670853	5560339	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1.3	Mafic	fresh/weathered	Blue green, fg-mg'd, strongly qtz-crb-chl rich altered mafic tuff. Weakly disseminated py throughout.	crb-chl		Mine Lake East Trench	0.336
I284623	4249672	670852	5560338	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1.1	Mafic	fresh/weathered	Blue green, fg-mg'd, strongly qtz-crb-chl rich altered mafic tuff. Weakly disseminated py throughout. Much more chloritized. Sample bound by shear zones.	crb-chl		Mine Lake East Trench	0.116
I284624	4249672	670851	5560337	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	mm-scale pl ~60% hosted by ~40% amphibole & minor chl. Shear zone sample.	chl		Mine Lake East Trench	0.015
I284625	4249672	670851	5560336	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	mm-scale pl ~60% hosted by ~40% amphibole & minor chl. Shear zone sample. Abundant shear minerals; micas, chl, and qtz-crb. Sample partially form shear zone.	chl		Mine Lake East Trench	0.034
I284626	4249672	670849	5560343	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1.1	Mafic	fresh/weathered	Qtz-crb altered mafic tuff or gabbro; homogeneous groundmass. Weakly diss pyrite. Two qtz veins cu through unit.		1%py	Mine Lake East Trench	0.812
I284627	4249672	670849	5560342	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Qtz-crb altered mafic tuff or gabbro; homogeneous groundmass. Weakly diss pyrite. Two qtz veins cu through unit.		1%py	Mine Lake East Trench	0.052
I284628	4249672	670848	5560342	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1.1	Mafic	fresh/weathered	V.fg-fg'd, mafic tuff or gabbro, homogeneous groundmass. Weakly diss py. Two qtz veins cut through unit.		1%py	Mine Lake East Trench	0.149
I284629	4249672	670848	5560341	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1.1	Mafic	fresh/weathered	Shear zone + mafic material.			Mine Lake East Trench	0.033
I284630	4249672											standard (GS-3G)							Mine Lake East Trench	2.88
I284631	4249672											blank - granite to diorite (highway Savant Lake)							Mine Lake East Trench	0.005
I284632	4249672	670847	5560341	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1.2	Mafic	fresh/weathered	Very similar to 4628; possibly less altered.		1%py	Mine Lake East Trench	0.065
I284633	4249672	670849	5560347	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1.2	Mafic	fresh/weathered	Blue-green, mg'd mafic tufff and shear zone material. Moderately disseminated chl spots, 1-2mm scale. Minor qtz-crb stringers.	chl-crb		Mine Lake East Trench	0.021
I284634	4249672	670849	5560346	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Same as 4633m but w/12cm qtz vein. Vein displaces patchy alteration.			Mine Lake East Trench	0.302
I284635	4249672	670848	5560345	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Mafic tuff, shear zone and qtz vein sample.			Mine Lake East Trench	0.005
I284636	4249672	670848	5560344	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Mafic tuff, shear zone and qtz vein sample.			Mine Lake East Trench	0.02
I284637	4249672	670847	5560343	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Mostly qtz vein w/lesser tuff.			Mine Lake East Trench	0.065
I284638	4249672	670847	5560343	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Very strongly altered mafic tuff &~45% qtz vein material.	chl		Mine Lake East Trench	0.041
I284639	4249672	670846	5560342	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Intermixed qtz vein and shear zone material w/lesser altered mafic tuff.			Mine Lake East Trench	19.5
I284640	4249672	670847	5560348	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Blue-grey-green, fg'd mafic tuff w/10cm qtz veining. Abundant shear material.			Mine Lake East Trench	0.066
I284641	4249672	670847	5560347	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	0.9	Mafic	fresh/weathered	Alternating qtz w/mafic tuff. Significant gouge/shear zone material.			Mine Lake East Trench	0.042
I284642	4249672	670846	5560346	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	0.6	Mafic	fresh/weathered	QV w/shear zone. Fe-crb-rich. Minor gouge/shear material.	crb		Mine Lake East Trench	0.01
I284643	4249672	670846	5560346	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Blue-grey-green, fg'd mafic tuff w/10cm qtz veining. Abundant shear material.			Mine Lake East Trench	0.013
I284644	4249672	670845	5560345	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	0.9	Mafic	fresh/weathered	Blue-grey-green, fg'd mafic tuff w/10cm qtz veining. Abundant shear material.			Mine Lake East Trench	0.025
I284645	4249672	670845	5560345	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	0.9	Mafic	fresh/weathered	QV w/shear zone. Fe-crb-rich. Minor gouge/shear material.	crb		Mine Lake East Trench	0.047
I284646	4249672	670845	5560344	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/26/2010	CP,RP,BS	channel	0.9	Mafic	fresh/weathered	Mafic tuff, fg-mg'd. Weak-mod fe-crb oxidization.	crb		Mine Lake East Trench	0.05

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Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
I284647	4249672	670843	5560347	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Cg'd gabbro. Qtz vein, 5cm at basal contact, Minor chloritization. Weak-strong Fe-crb alteration on surficial exposure.			Mine Lake East Trench	0.031
I284648	4249672	670842	5560347	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Cg'd gabbro. Qtz vein, 5cm at basal contact, Minor chloritization. Weak-strong Fe-crb alteration on surficial exposure.			Mine Lake East Trench	0.029
I284649	4249672	670841	5560347	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Cg'd gabbro. Qtz vein, 5cm at basal contact, Minor chloritization. Weak-strong Fe-crb alteration on surficial exposure.			Mine Lake East Trench	0.01
I284650	4249672											standard (GS-3G)							Mine Lake East Trench	2.42
I284651	4249672											blank - granite to diorite (highway Savant Lake)							Mine Lake East Trench	0.005
I284652	4249672	670837	5560350	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1.05	Mafic	fresh/weathered	Cg'd gabbro or mafic tuff w/cg'd chloritoid spots. Some qtz veining present. Minor py.			Mine Lake East Trench	0.256
I284653	4249672	670836	5560350	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1.1	Mafic	fresh/weathered	Mafic tuff and qtz-crb. Minor py+cpy.		1% py+cpy	Mine Lake East Trench	0.069
I284654	4249672	670836	5560350	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Mafic tuff and qtz-crb. Minor py+cpy.		1% py+cpy	Mine Lake East Trench	0.026
I284655	4249672	670835	5560350	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.8	Mafic	fresh/weathered	Mafic tuff and qtz-crb. Minor py+cpy.		1% py+cpy	Mine Lake East Trench	0.323
I284656	4249672	670835	5560350	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.8	Mafic	fresh/weathered	Mafic tuff and qtz-crb. Minor py+cpy.		1% py+cpy	Mine Lake East Trench	2.43
I284657	4249672	670836	5560348	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	Grab	N/A	Mafic	fresh/weathered	Qtz vein			Mine Lake East Trench	0.009
I284658	4249672	670834	5560348	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	Grab	N/A	Mafic	fresh/weathered	Qtz vein			Mine Lake East Trench	0.302
I284659	4249672	670833	5560351	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	Grab	N/A	Mafic	fresh/weathered	Qtz vein			Mine Lake East Trench	0.005
I284660	4249672	670833	5560352	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.9	Mafic	fresh/weathered	Blue grey, mafic tuff w/qtz eyes. Minor, weak oxidization on weathered surface.			Mine Lake East Trench	0.545
I284661	4249672	670833	5560352	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Blue grey, mafic tuff w/qtz eyes. Minor, weak oxidization on weathered surface.			Mine Lake East Trench	0.202
I284662	4249672	670832	5560352	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.9	Mafic	fresh/weathered	Qv w/mafic inclusions. Minor Fe-crb component.	crb		Mine Lake East Trench	0.005
I284663	4249672	670832	5560353	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.9	Mafic	fresh/weathered	Fg'd tuff or gabbro. Homogeneous groundmass. Rare sulphides.			Mine Lake East Trench	0.114
I284664	4249672	670831	5560353	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.9	Mafic	fresh/weathered	Fg;d tuff w/coarse, euhedral py+fg'd diss py throughout. Local qv's.		1% py	Mine Lake East Trench	0.246
I284665	4249672	670830	5560353	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	V.fg'd, homogeneous tuff w/minor qv's.			Mine Lake East Trench	0.066
I284666	4249672	670826	5560355	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.6	Mafic	fresh/weathered	Mafic tuff, moderately chloritized w/py throughout.		1%py	Mine Lake East Trench	0.117
I284667	4249672	670826	5560355	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1.1	Mafic	fresh/weathered	Mafic tuff, moderately chloritized w/py throughout.		1%py	Mine Lake East Trench	0.021
I284668	4249672	670825	5560355	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Mafic tuff, moderately chloritized w/py throughout.		1%py	Mine Lake East Trench	0.005
I284669	4249672	670827	5560350	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.95	Mafic	fresh/weathered	Fg'd , mafic tuff w/py disseminations.		1%py	Mine Lake East Trench	0.2
I284670	4249672											standard (GS-3G)							Mine Lake East Trench	2.51
I284671	4249672											blank - granite to diorite (highway Savant Lake)							Mine Lake East Trench	0.005
I284672	4249672	670828	5560350	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1.1	Mafic	fresh/weathered	Cg'd, mafic tuff w/chl spots and py disseminations	chl	1%py	Mine Lake East Trench	0.322
I284673	4249672	670833	5560346	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1.2	Mafic	fresh/weathered	Intermized qv + tuff.			Mine Lake East Trench	0.273
I284674	4249672	670834	5560346	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.9	Mafic	fresh/weathered	Mostly tuff w/some qv.			Mine Lake East Trench	0.171
I284675	4249672	670834	5560346	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.4	Mafic	fresh/weathered	Oxidized tuff w/minor qv.			Mine Lake East Trench	1.035
I284676	4249672	670835	5560346	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.6	Mafic	fresh/weathered	qv w/mafic inclusions.			Mine Lake East Trench	1.76

Appendix II. Rock Sample Descriptions and Locations

Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
I284677	4249672	670836	5560346	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.8	Mafic	fresh/weathered	Intermized qv + tuff.			Mine Lake East Trench	0.347
I284678	4249672	670837	5560347	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.4	Mafic	fresh/weathered	Intermized qv + tuff.			Mine Lake East Trench	0.261
I284679	4249672	670838	5560347	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Cg'd tuff or gabbro w/significant shear and diss py throughout.		2%py	Mine Lake East Trench	25.4
I284680	4249672	670854	5560348	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Mafic tuff w/qv.			Mine Lake East Trench	0.061
I284681	4249672	670854	5560348	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Mafic tuff w/qv.			Mine Lake East Trench	0.132
I284682	4249672	670855	5560348	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Mafic tuff w/py diss.		1% py	Mine Lake East Trench	0.024
I284683	4249672	670856	5560338	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Mafic tuff w/qv.			Mine Lake East Trench	0.08
I284684	4249672	670850	5560345	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	0.8	Mafic	fresh/weathered	Mafic tuff w/qv and shear material.			Mine Lake East Trench	0.072
I284685	4249672	670828	5560355	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Intermixed qv and tuff. Py diss throughout.		2% py	Mine Lake East Trench	0.888
I284686	4249672	670828	5560355	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake East	10/27/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Blotchy py in association with crb vugs. Tuff + qtz material.		3% py	Mine Lake East Trench	2.78
I284687	4249672	670443	5560900	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake North	10/29/2010	CP,RP,BS	Grab	N/A	Mafic	fresh/weathered	Heavily altered mafic. Semi-massive sulphide.		50% py	Mine Lake North	0.372
I284688	4249672	670444	5560898	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake North	10/29/2010	CP,RP,BS	Grab	N/A	Mafic	fresh/weathered	Weak-moderately silicified mafic w/moderate gossanous surficial material.			Mine Lake North	0.017
I284689	4249672	670445	5560897	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake North	10/29/2010	CP,RP,BS	Grab	N/A	Mafic	fresh/weathered	Qv w/mafic tuff. Abundant Py.		5% py	Mine Lake North	0.016
I284690	4249672											standard (GS-3G)								2.27
I284691	4249672											blank - granite to diorite (highway Savant Lake)								0.005
I284692	4249672	670445	5560896	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake North	10/29/2010	CP,RP,BS	Grab	N/A	Mafic	fresh/weathered	Qv and semi-massive sulphide.		50% py	Mine Lake North	0.031
I284693	4249672	670447	5560894	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake North	10/29/2010	CP,RP,BS	Grab	N/A	Mafic	fresh/weathered	Qv and semi-massive sulphide.		50% py	Mine Lake North	0.016
I284694	4249672	670449	5560892	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake North	10/29/2010	CP,RP,BS	Grab	N/A	Mafic	fresh/weathered	QV and strongly altered mafic tuff (?) Semi-massive sulphide		50% py	Mine Lake North	0.031
I284695	4249672	670450	5560891	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake North	10/29/2010	CP,RP,BS	Grab	N/A	Mafic	fresh/weathered	QV and strongly altered mafic tuff (?) Semi-massive sulphide		50% py	Mine Lake North	0.158
I284696	4249672	670451	5560890	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake North	10/29/2010	CP,RP,BS	Grab	N/A	Mafic	fresh/weathered	SMS hosted by silicified mafic tuff.		50% py	Mine Lake North	1.755
I284697	4249672	670452	5560889	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Mine Lake North	10/29/2010	CP,RP,BS	Grab	N/A	Mafic	fresh/weathered	QV w/weak oxidization. Mionr py.		1% py	Mine Lake North	0.005
I284698	4251274	672361	5557691	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.7	Mafic	fresh/weathered	Blue-green, cg'd felsic tuff or mafic tuff or gabbro. Qtz-crb veins shooting throughout. Minor sulphides presesnt.	crb		Powell Trenches	0.235
I284699	4251274	672376	5557717	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Chloritized felsic tuff w/lesser shear material+qv.	chl		Powell Trenches	0.07
I284700	4251274	672376	5557718	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Qv in shear zone.			Powell Trenches	0.063
I284701	4251274	672376	5557718	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Intermixed qv+felsic tuff material			Powell Trenches	0.403
I284702	4251274	672375	5557715	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Intermixed qv+felsic tuff material			Powell Trenches	0.005
I284703	4251274	672375	5557715	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Intermixed qv+felsic tuff material			Powell Trenches	0.503
I284704	4251274	672374	5557715	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Intermixed qv+felsic tuff material			Powell Trenches	0.072
I284705	4251274	672375	5557708	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.6	Mafic	fresh/weathered	Qtz vein w/lesser tuff. Minor fe-crb alteration.	crb		Powell Trenches	4.55
I284706	4251274	672458	5557700	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.8	Mafic	fresh/weathered	Blue-green, gabbro. Weak fe-crb altn.	crb		Powell Trenches	0.012
I284707	4251274	672459	5557699	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.4	Mafic	fresh/weathered	Qtz vein w/lesser gabbro component. Weak fe-crb oxidization.	crb		Powell Trenches	1.415
I284708	4251274	672459	5557699	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.8	Mafic	fresh/weathered	Same as 4706, but w/minor py.	crb	1% py	Powell Trenches	0.221
I284709	4251274	672461	5557703	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Blue-green, gabbro. Weak fe-crb altn.	crb		Powell Trenches	0.034
I284710	4251274											standard (GS-3G)							Powell Trenches	2.45
I284711	4251274											blank - granite to diorite (highway Savant Lake)							Powell Trenches	0.006
I284712	4251274	672462	5557703	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.3	Mafic	fresh/weathered	QV w/weak fe-crb component. Minor gabbro.	crb		Powell Trenches	6.46
I284713	4251274	672462	5557703	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Blue-green, gabbro. Weak fe-crb altn.	crb		Powell Trenches	0.017
I284714	4251274	672461	5557697	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.6	Mafic	fresh/weathered	Same as 4706, but w/minor py.	crb	1% py	Powell Trenches	0.107

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Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
I284715	4251274	672461	5557696	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.6	Mafic	fresh/weathered	Qtz vein and lesser gabbro. Minor fe-crb alteration	crb		Powell Trenches	5.83
I284716	4251274	672462	5557695	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.6	Mafic	fresh/weathered	Gabbro w/coarse py.		5% py	Powell Trenches	0.018
I284717	4251274	672445	5557717	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Blue-green gabbro. Weak fe-crb alteration.	crb		Powell Trenches	0.034
I284718	4251274	672446	5557717	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.3	Mafic	fresh/weathered	Qtz vein and minor gabbro component.			Powell Trenches	1.655
I284719	4251274	672446	5557717	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.5	Mafic	fresh/weathered	Blue-green gabbro. Weak fe-crb alteration.	crb		Powell Trenches	1.03
I284720	4251274	672480	5557729	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Blue-grey, cg'd gabbro. Weak fe-crb.	crb		Powell Trenches	0.011
I284721	4251274	672480	5557730	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	Weak-mod fe-crb gabbro.	crb		Powell Trenches	0.007
I284722	4251274	672480	5557730	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	QV, black chl; gabbro.	chl		Powell Trenches	0.005
I284723	4251274	672480	5557731	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	1	Mafic	fresh/weathered	QV, black chl; gabbro.	chl		Powell Trenches	0.005
I284724	4251274	672480	5557732	15	NAD83	Gold Star	Sturgeon Lake	052J/02	Powell Trench	10/31/2010	CP,RP,BS	channel	0.8	Mafic	fresh/weathered	QV, black chl; gabbro.	chl		Powell Trenches	0.012
RNF19643	4224458	668509	5553077	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/24/2010	MQ	grab		quartz vein	fresh	same shaft, ore dump, sample of quartz vein material, minor fuschite noted	Gold Star syndicate property	minor coarse grain py,chalco and orange-brown carbonate		1.34
RNF19644	4224458	668396	5552891	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/24/2010	MQ	grab		quartz vein	fresh	Trench E? on map,small pit in ground with scattered quartz veined material	Gold Star syndicate property	layered vein, <1 % pyrite		1.25
RNF19645	4224458	668397	5552907	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/24/2010	MQ	grab		quartz vein	fresh	Trench E? On map, small pit, quartz scattered about	Gold Star syndicate property	carbonated,with very minor chalco and pyrite		0.01
RNF19646	4224458	668378	5552861	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/24/2010	MQ	grab		quartz vein	fresh	Trench F? on map ,3x2 m pit with bully looking quartz	Gold Star syndicate property	glassy,chloritic(green),minor pyrite with trace pyrr & chalco		0.04
RNF19647	4224458	668379	5552857	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/24/2010	MQ	grab		quartz vein	fresh	Trench F? on map ,3x2 m pit with bully looking quartz	Gold Star syndicate property	wallrock to quartz vein,very minor py, chalco		0.11
RNF19648	4249672	669861	5560531	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	MQ	grab		quartz vein	fresh	ore dump from Stewart vein,quartz in mafic volcanics,wallrock and quartz in sample	Sturgeon Supreme property	chalco, minor carbonate		0.04
RNF19649	4249672	669801	5560557	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	MQ	grab		quartz vein	fresh	ore dump from Stewart vein,quartz in mafic volcanics,bull looking quartz	Sturgeon Supreme property	minor pyrite and chalco?		0.2
RNF19650	4249672	669736	5560569	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	MQ	grab		quartz vein	fresh	ore dump from stewart shaft # 1,	Sturgeon Supreme property	minor pyrite and chalco		0.01
RNF19651	4249672	669870	5560361	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	MQ	grab		sulfide vein	weathered	ore dump from shaft # 2,semi massive pyrr and pyrite veins in mafic volcanics	Sturgeon Supreme property	semi- massive pyrr and pyrite veins up to 4 inches		2.74
RNF19652	4249672	669863	5560356	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	MQ	grab		quartz vein	fresh	ore dump from shaft #3, mafic volcanic wallrock only	Sturgeon Supreme property	minor to trace chalco and pyrr		0.02
RNF19653	4249672	669850	5560387	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	MQ	grab		quartz vein	fresh	15 m north of stewart shaft, small 3 inch quartz vein in mafic volcanics	Sturgeon Supreme property	minor py and chalco in quartz and wallrock		0.77
RNF19654	4217374	670233	5559285	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	MQ	grab		mafic volcs.	fresh	at southern most conductor, small trench with bully looking quartzin mafic volcanics	Paragon property	minor chalco, pyrite		0.01
RNF19655	4217374	670664	5559694	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	MQ	grab		quartz vein	weathered	trench # two to south of Ouilette property,completly silicified one foot wide area	Paragon property	minor pyrite and chalco		0.01
RNF19656	4249672	670741	5560043	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	MQ	grab		felsic volcs.	weathered	at the edge of Ouilette property, another trench, large area of felsics	Paragon property?	trace chalco and pyrite		0.03
RNF19657	4249672	670691	5560137	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	MQ	grab		felsic volcs.	fresh	at edge of Ouilette property, shaft # 2, blocks of masive sulfides,100 m inside? Property	Sturgeon Supreme property?	minimum of 50% pyrite		0.11
RNF19658	4249672	670454	5560882	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	MQ	grab		mafic volcs.	fresh	from ore dump of mine lake north showing,pyriteveins in mafic volcs.little quartz in sample	Sturgeon Supreme property	4-5 % pyrite		0.05
RNF19659	4249672	670455	5560885	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	MQ	grab		quartz vein	fresh	from ore dump of mine lake north showing,pyriteveins in mafic volcs.little quartz in sample	Sturgeon Supreme property	smoky quartz, no or trace sulfides		0.01
RNF19660	4251271	669406	5555132	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/28/2010	MQ	float		gabbro	fresh	quartz vein in gabbro, pyrite and chalco in wallroc and vein	tourmaline	cubic pyrite and chalcopyrite		0.34

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RNF19661	4251271	669404	5555148	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/28/2010	MQ	subcrop		gabbro	fresh	Near the shaft discovered later,4 inch quartz veinwith minor chalco and trace pyrite	chlorite(green)	minor chalco, trace pyrite		0.08
RNF19662	4251271	669394	5555140	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/28/2010	MQ	grab		chlorite schist	fresh	ore dump at shaft, sunk in quartz veined chlorite schist	chlorite (green)	minor chalco, pyrite		1.04
RNF19663	4251271	669447	5555342	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/28/2010	MQ	grab		mafic volcs	weathered	veins of massive pyrite from a small pit at edge of lake, no quartz just coarse pyrite veins	carbonate	massive coarse grain pyrite, 20-30 % in sample		0.01
RNF19664	4251274	672375	5557701	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	DC	grab		felsic volcanic/sediment	altered, weathered	semi-massive pyrite at contact with mafics. Possible chemical sediment/exhalative zone	silica, sericite, pyrite minor albitization	25-30% banded pyrite, trace Sph, Cpy	near pit with high grade gold bearing veins, Powell Prospect	0.06
RNF19665	4251274	673041	5556321	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	DC	grab		quartz vein	fresh	glassy quartz vein with patchy sulphides and black chlorite/tourmaline		4-6% Cpy, malachite, 4-5% Py, v.g.?	from a row of small pits south side of Y-Island	44
RNF19666	4251274	673036	5556320	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	DC	grab		quartz vein	fresh	qtz vein glassy with disseminated/patchy sulphides	Fe-carb altered mafic wallrock	2-3% Cpy, 1-2% Py		0.28
RNF19667	4251276	671935	5558489	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	DC	grab		felsic volcanic	fresh	felsic volcanic lapilli tuff, qtz phyric	minor Fe-carb alt.	10% bedded massive Py lenses, discontinuous		0.13
RNF19668	4251276	671935	5558489	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	DC	grab		felsic volcanic	fresh	felsic volcanic lapilli tuff, qtz phyric	minor Fe-carb alt.		same as RNF19667	0.01
RNF19669	4251276	671443	5558554	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	DC	grab		quartz vein	fresh	coarse grained bull quartz with graphite and graphitic stylolites		nil		0.01
RNF19671	4251273	671762	5556810	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	DC	grab		quartz vein	fresh	coarse grained bull quartz	Abundant tourmaline in vein	nil		0.01
RNF19672	4251273	671800	5556887	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	DC	grab		quartz vein	fresh	coarse grained bull quartz veins with green chlorite	Fe-carb, tourmaline	5% Cpy, 1-2% Py	from historic pit	1.55
RNF19673	4251273	671637	5557339	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	DC	grab		quartz vein	fresh	sugary quartz vein	Fe-carb, chlorite altered wallrock	3-4% Py, 1-2% Cpy	from small pit	0.84
RNF19674	4251274	672197	5557382	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	DC	grab		quartz vein	fresh	fine grained chloritic and strongly foliated	chlorite + Fe-carb pervasive and veins	10-15% diss to stringer pyrite, trace Cpy		1.45
RNF19675	4251274	672197	5557382	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	DC	grab		quartz vein	fresh	Fe-carb veins in mafic volcanic	Fe-carb and chlorite	trace Py and Cpy		0.07
RNF19676	4251281	670634	5562767	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	DC	grab		felsic volcanic	fresh	Qtz-phyric felsic volcanic, dark grey in colour with blue quartz crystals	nil	trace Py		0.01
RNF19677	4251281	670693	5562815	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	DC	grab		felsic volcanic	fresh	Qtz-phyric felsic volcanic	silica, pyrite alteration	3-6% disseminated Py, trace to 1% Cpy	60 m from Zn/Pb geochem anomaly	0.01
RNF19678	4251281	670784	5562657	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	DC	grab		quartz-chlorite vein	fresh	Bull quartz vein with abundant chlorite. Many veins cutting quartz-phyric felsic	Lots chlorite associated with quartz veins	trace pyrite		0.01
RNF19679	4251281	670782	5562555	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	DC	grab		felsic volcanic	fresh	Felsic volcanic, qtz-phyric rhyolite	silica, pyrite alteration, patchy black chlorite associated with Py stringers	2-4% Py		0.01
RNF19680	4217371	670626	5561839	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	DC	outcrop		felsic volcanic	fresh	Qtz-phyric felsic volcanic lapilli tuff with lithic fragments	strong silica sericite pyrite	7-10% Py, trace Cpy	Thomas lake area	0.04
RNF19681	4217371	670542	5561961	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	DC	outcrop		quartz vein	fresh	quartz and Fe-carbonate vein, milky white massive quartz, a bit vuggy, digested wallrock, sericite + Biotite + Fe-carb alt	biotite alteration and Fe-carb alteration of felsic wallrock	2-4 mm splash of visible gold, 2-4% Py	Thomas lake prospect	62.8
RNF19682	4224856	672104	5554859	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	DC	outcrop		quartz vein	weathered	quartz vein, bull quartz with vugs, coarse grained, mafic volcanic wallrock	Fe-carbonate alteration of mafic wallrock	trace Py	from carbonate alteration zone	0.02
RNF19683	4224856	671277	5554223	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	DC	outcrop		quartz vein	fresh	quartz vein with mafic wallrock fragments	Fe-carbonate, chlorite	trace Py		0.17
RNF19684	4224856	671277	5554224	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	DC	outcrop		mafic volcanic	fresh	pervasively altered (Fe-carb) mafic volcanic with moderate foliation; lots chlorite (green)	pervasive Fe-carb, cut by minor quartz veins	trace Py		0.01
RNF19685	4224856	671481	5554036	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	DC	outcrop		felsic volcanic	fresh	pervasively and entirely Fe-carb altered felsic volcanic, rare preserved quartz crystals		3-4% diss pyrite; anhedral to euhedral		0.03
RNF19686	4224856	671979	5554126	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	DC	outcrop		quartz vein	fresh	bull quartz vein, vuggy with chlorite spots and minor Fe-carb		nvs		0.01

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Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
RNF19687	4224856	672022	5554202	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	DC	subcrop		quartz vein	fresh	4 cm wide quartz vein hosted in altered mafic volcanics; blebs of Fe-carb and green chlorite	Fe-carb and green chlorite	1% Cpy + Py		0.01
RNF19688	4251272	670689	5555743	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	DC	outcrop		quartz vein		milky white quartz vein with mafic volcanic wallrock, chloritic	digested chloritic wallrock; minor Fe-carb	nvs		0.01
RNF19689	4251272	670238	5555898	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	DC	float		quartz vein	fresh	quartz vein, sugary with minor vugs; mafic host rock	chlorite; Fe-carb altered mafic wallrock	2-4% Cpy; 1-2% Py		0.01
RNF19690	4251272	670144	5555967	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	DC/MQ	grab		felsic volcanic	altered, weathered	felsic volcanic; quartz phyric	sericite and Fe-carb moderate to strong	7-10% disseminated to stringer pyrite as irregular masses and cubes	at the head of a small bay; recessively weathering	0.02
RNF19691	4251269	670060	5552769	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	DC	grab		felsic volcanic	weathered	quartz phyric felsic volcanic; intensely sheared	intense sericite and patchy Fe-carb alt.	trace Py		0.01
RNF19692	4251269	670175	5552449	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	DC	grab		felsic volcanic	fresh	aphyric felsic volcanic; weak to moderate foliation; glassy	pervasive silica-sericite; spotty weak Fe-carb; pathy chlorite	2-4% Py diss. Cubic		0.01
RNF19693	4251269	670200	5553207	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	DC	grab		quartz vein	fresh	quartz vein, sugary with minor vugs; Fe-carb alt; a couple grey stylolites	minor Fe-carb alt.	nvs		0.25
RNF19694	4251269	669804	5553022	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	DC	grab		quartz vein	weathered	quartz vein, vuggy bull quartz	nil	3-5% Py + Cpy; minor malachite		0.11
RNF19695	4224858	671272	5552996	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	DC	grab		felsic or mafic volcanic	altered, weathered	intensely deformed felsic or mafic volcanic. Not certain of protolith due to intense alteration	intense sericite, chlorite and moderate Fe-carb alteration	2-4% Cpy stringers		0.03
RNF19696	4224857	671210	5552930	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	DC	grab		quartz vein	altered	quartz vein with chlorite and lots of vugs	sericite altered wallrock	nvs	V1 vein within the S1 foliation	0.01
RNF19697	4224857	671229	5552885	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	DC	grab		quartz vein	fresh	glassy to sugary quartz vein in chlorite + Fe-carb altered wallrock (mafic?)	Fe-carb	3-5% Cpy, 1% Py, malachite	from 1 metre wide quartz vein	0.02
RNF19698	4251279	671998	5562066	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	DC	grab		iron formation	weathered	Hornblende (orthoamphibole?) + Py+Py+Mag bearing iron formation; intercalated with felsic volcanics		5-10% Po + 5% Py		0.01
RNF19699	4251279	671893	5561591	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	DC	grab		iron formation	fresh	garnet (up to 1cm) + Hbl iron formation. Massive without any other minerals	nil	nvs		0.01
RNF19700	4251279	671791	5561780	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	DC	grab		quartz vein	fresh	blue quartz vein with white quartz vein stockwork in host felsics and mafics	Fe-carb patches within and surrounding the vein	nvs		0.01
RNF20721	4251274	673483	5557442	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	float		quartz vein	fresh	quartz vein, glassy white with stylolites and laminations, strongly lineated vein margins	Fe-carb, sericite altered mafic and felsic wallrock	1-2% combined Cpy+Py+Aspy	dump site adjacent to Davidson-Carr shaft	11.85
RNF20722	4251274	673483	5557442	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	float		quartz vein	fresh	quartz vein, glassy white with stylolites and laminations, strongly lineated vein margins	Fe-carb, sericite altered mafic and felsic wallrock	2-4% combined Cpy+Aspy+Py+Gln +Sph (red-black)	Adjacent to Davidson-Carr shaft	3.46
RNF20723	4251274	673480	5557442	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	float		quartz vein	fresh	quartz vein, glassy white with stylolites and laminations, strongly lineated vein margins	Fe-carb, sericite altered mafic and felsic wallrock	3-5% combined Cpy+Aspy+Py+Sph +Gln, suspect v.g.	Davidson-Carr waste pile	22.8
RNF20724	4251274	673480	5557442	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	float		quartz vein	fresh	quartz vein, glassy white with stylolites and laminations, strongly lineated vein margins	Fe-carb, sericite altered mafic and felsic wallrock	3-5% combined Cpy+Aspy+Py+Sph +Gln, suspect v.g.	Davidson-Carr waste pile	16.65
RNF20725	4251274	673490	5557439	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	float		quartz vein	fresh	stylolitic quartz vein		3-5% coarse Cpy+Gln+Py	near Davidson-Carr shaft	21
RNF20726	4251274	672375	5557711	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	grab		quartz vein	fresh	white stylolitic quartz vein with minor (2%) Fe-carb	chlorite, Fe-carb, Py altered mafic wallrock	5-7% Cpy+malachite+azurite, visible gold noted	Powell Prospect	92.3
RNF20727	4251274	672375	5557711	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	grab		quartz vein	fresh	white stylolitic quartz vein with minor (2%) Fe-carb		5% Cpy+malachite+azurite, visible gold noted	Powell Prospect	276

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RNF20728	4251274	672375	5557711	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	grab		quartz vein	fresh	white stylolitic quartz vein with minor (2%) Fe-carb		5-7% Cpy+malachite+azurite, abundant 1 mm visible gold	Powell Prospect	109.5
RNF20729	4251274	672457	5557692	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	grab		quartz vein	fresh	0.4 to 0.5 m wide vein strike 185, dipping 45-50 deg west, foliation NE 060 steep dip		2-3% Cpy, specular hematite, v.g. noted	from small pit @ Powell Prospect	34.2
RNF20730	4251274	673027	5556306	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	grab		quartz vein	fresh	quartz vein with accessory fuchsite and tourmaline and Fe-carb		4-5% combined Py, Aspy, Cpy, possible v.g.	Y-Island trench	1.83
RNF20731	4251274	673025	5556306	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	grab		mafic volcanic	fresh, altered	well foliated chloritic mafic volcanic	5% quartz veins throughout, chlorite and Fe-carb	3% Py disseminated	Y-Island trench	0.16
RNF20732	4251274	673410	5556794	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	grab		mafic volcanic	fresh, altered	sericite, chlorite, Fe-carb altered bleached mafic volcanic	sericite, chlorite, Fe-carb and quartz veining	4-6% Py and Cpy	Y-Island north trench	6.14
RNF20733	4251274	673410	5556794	15	NAD83	Gold Star	Sturgeon Lake	052J/02		10/16/2009	DC/MVG	grab		quartz vein	fresh	quartz vein with Fe-carb hosted in mafic volcanics		bournite, Cpy, Py, v.g.?	Y-Island north trench	49.8
RNF20744	4251274	672521	5557763	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	SM	grab		mafic volcanic		medium grained mafic volcanic with small quartz veins		Py, magnetite		0.01
RNF20745	4251274	672546	5557700	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	SM	grab		quartz vein		quartz vein 14" wide		Py		0.51
RNF20746	4251274	672358	5557692	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	SM	grab		quartz vein		quartz vein		Py		1.38
RNF20747	4251274	673491	5557467	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	SM	grab		quartz vein		quartz vein		Py		26.4
RNF20748	4251278	673532	5558969	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	SM	grab		mafic volcanic		mafic volcanic		trace Py, strong mag, quartz veins		0.01
RNF20749	4251275	672868	5558587	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	SM	grab		felsic volcanic		felsic volcanic with quartz veins		Py		0.01
RNF20750	4224854	673733	5557377	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	SM	grab		mafic volcanic		mafic volcanic		trace Py, quartz veins		0.01
RNF20751	4251280	671529	5562274	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	SM	grab		mafic volcanic		mafic volcanic		trace Py, quartz veins		0.01
RNF20752	4251280	671457	5562338	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	SM	grab		quartz vein		quartz vein with mafic wallrock		Py		0.01
RNF20753	4251279	671995	5562067	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	SM	grab		quartz vein		quartz and Fe-carbonate		Py, magnetite		0.01
RNF20754	4251279	671828	5561299	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	SM	grab		mafic		trace Py sheared, quartz	nil	trace Py		0.01
RNF20755	4251279	671695	5561487	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	SM	grab		mafic				Py		0.01
RNF20756	4251279	671654	5561750	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	SM	grab		quartz vein		quartz-carbonate vein		trace Py		0.01
RNF20757	4251279	671749	5561750	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	SM	grab		mafic				Py, magnetite,carbonate		0.01
RNF20758	4251279	671858	5561598	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	SM	grab		mafic		mafic volcanic	Fe-carbonate	Py 20%, Mag zone is 7" wide		0.02
RNF20759	4251279	671857	5561595	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	SM	grab		mafic		mafic volcanic	Fe-carbonate	Py 15%, Mag zone is 7" wide		0.01
RNF20760	4251277	671990	5560494	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	SM	grab		mafic		15" wide carbonate		Py		0.01
RNF20761	4251277	672228	5560132	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	SM	grab		mafic				Py		0.01
RNF20762	4251281	670780	5562501	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	SM	grab		mafic		mafic volcanic with quartz		trace Py		0.01
RNF20763	4224858	671973	5553026	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	SM	grab		felsic volcanic		felsic volcanic		trace Py		0.01
RNF20764	4224858	672036	5553606	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	SM	grab		felsic volcanic		felsic volcanic		Py		0.01
RNF20766	4224858	672222	5553088	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	SM	grab		felsic volcanic	fresh	felsic volcanic		Py and Mag		0.01
RNF20767	4224858	672193	5553041	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	SM	grab		mafic				Py and Mag		0.01
RNF20768	4224858	671722	5552427	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	SM	grab		felsic volcanic		felsic volcanic		Py		0.01
RNF20769	4224858	671748	5552391	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	SM	grab		mafic				Py		0.01
RNF20770	4251283	672413	5551366	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	SM	grab		gabbro				Py		0.02
RNF20771	4251283	671335	5551267	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	SM	grab		mafic				5% Py		0.01
RNF20772	4251260	663034	5544513	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	SM	grab		quartz vein		quartz carbonate vein from an old pit		Py		23.1
RNF20773	4251264	665613	5547977	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	SM	grab		gabbro				Py		0.02
RNF20774	4251264	665645	5548070	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	SM	grab		gabbro				Py		0.04
RNF20775	4251281	670590	5563100	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	SM	grab		mafic	fresh	mafic		pyrite, chalcopyrite		0.01
RNF20776	4251281	669683	5562720	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	SM	grab		mafic	fresh	mafic		pyrite, chalcopyrite		0.02
RNF20777	4224859	671602	5549473	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/24/2010	SM	grab		mafic	fresh	mafic		pyrite and magnetite		0.01
RNF20778	4251284	670984	5549469	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/24/2010	SM	grab		mafic	fresh	mafic		fine pyrite and chalcopyrite		0.01
RNF20779	4249672	671116	5561033	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	SM	grab		mafic	fresh	mafic shear contact with felsics, five feet wide to the east, shear dips east	Sturgeon Supreme property	trace pyrite on surface		0.06

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RNF20780	4249672	671099	5560655	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	SM	grab		felsic	fresh	conductor # 2 going south, mostly black spruce swamp	Sturgeon Supreme property	trace pyrite		0.02
RNF20781	4249672	671057	5560621	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	SM	grab		mafic	fresh	pit on a large quartz vein, appears to be within paragons ground, map	But 15mw is LP800ms, P#1-4249672	magnetite, pyrite, chalcopyrite		0.01
RNF20782	4249672	670872	5560566	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	SM	grab		felsic	fresh	py, cpy, also attached to a carbonate zone that is on east side	Sturgeon Supreme property	pyrite and chalcopyrite		0.01
RNF20783	4249672	670823	5560537	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	SM	grab		felsic	fresh		Sturgeon Supreme property	py, quartz carbonate, chalcopyrite		0.01
RNF20784	4249672	670810	5560550	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	SM	grab		quartz carbonate,	fresh	large pit, 10x 15 feet	Sturgeon Supreme property	quartz carbonate, magnetite, massive pyrite		0.01
RNF20785	4249672	670634	5560636	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	SM	grab		felsic	fresh	old sample location, Tag # 395183	Sturgeon Supreme property	pyrite		0.01
RNF20786	4249672	670692	5560143	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	SM	grab		felsic	fresh	located at a large shaft 10x15 feet	Paragon property?	pyrite and chalcopyrite		0.05
RNF20787	4249672	670679	5560104	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	SM	grab		felsic	fresh	large trench at least 50 feet long	Paragon ground?	pyrite and chalcopyrite		0.06
RNF20788	4249672	670643	5560089	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	SM	grab		felsic	fresh	some shearing and quartz carbonate, also in a trench	Paragon ground?	pyrite and chalcopyrite		0.01
RNF20789	4217374	670662	5560013	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	SM	grab		quartz vein	fresh	pit on side of an hill, but appears to be an adit, definetly went underthis hill	Paragon ground?	quartz carbonate with pyrite		0.01
RNF20790	4217374	670716	5559895	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	SM	grab		felsic	fresh	some shearing carbonate, large trench 50 feet long	Paragon property	pyrite		0.09
RNF20791	4217374	670711	5559800	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	SM	grab		felsic	fresh	large trench	Paragon property	pyrite		0.01
RNF20792	4251274	672453	5556961	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/27/2010	SM	grab		quartz carbonate vein	fresh	quartz carbonate vein 12 inches wide				0.01
RNF20793	4224853	673797	5557960	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	SM	grab		quartz vein	fresh	some shearing		Py		0.01
RNF20794	4224853	673729	5558148	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	SM	grab		quartz carbonate vein	fresh			Py	evidence of being blasted previously	0.01
RNF20795	4224858	671269	5552946	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	SM	grab		felsic volcanic	fresh	quartz vein in felsic volcanic		Py		0.01
RNF20796	4224857	671248	5552901	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	SM	grab		quartz vein	fresh	quartz vein 2" wide		trace Py		0.01
RNF24736	4249672	670187	5560496	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	RQ	float		mafic volcanics	fresh	10x10 angular float of chalcedonic looking quartz, epithermal texture	Sturgeon Supreme property	vuggy,carbonated,very minor pyrite		0.01
RNF24737	4217374	670296	5559717	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	RQ	float		mafic volcanics	fresh	very local quartz vein mafic volcanic at edge of lake, highly angular	Paragon Ground	milky white quartz,minor green chlorite, trace chalco		0.01
RNF24738	4217374	670239	5559280	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	RQ	grab		quartz vein	fresh	at southern most conductor, small trench with bully looking quartzin mafic volcanics	Paragon Ground	minor pyrr and blebby chalco along vein margins		0.02
RNF24739	4217374	670662	5559691	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	RQ	grab		quartz vein	fresh	at trench # 2 again, 4 inch wide quartz vein in mafic volcanics, almost a chlorite schist	Paragon Ground	very minor pyrite and trace chalco in wallrock		0.01
RNF24740	4217374	670729	5559794	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	RQ	grab		quartz vein	fresh	trench Clint and Scott sampled, silicified and quartz veined mafic volcanics	Paragon Ground?	minor pyrr and chalco in margins		0.01
RNF24741	4249672	670730	5560045	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	RQ	grab		felsic volcanics	fresh	10 m trench, 75 m northeast of drill collar, contact of felsics with mafics,highly altered	Paragon Ground?	5-15% pyrite locally minor carbonate, trace chalco		0.01
RNF24742	4249672	670742	5560088	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	RQ	grab		felsic volcanics	fresh	50 m NW of last trench,7-10 m trench in felsic volcanics, pods up to 5 cms across locally	Paragon Ground?	massive pods of pyrite with disseminations to 20%		0.01
RNF24743	4249672	670687	5560135	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	RQ	grab		felsic volcanics?	fresh	At shaft # 2,massive blocks 10x 10 inches of pyrite, very minor quartz	Sturgeon Supreme?	massive pyrite veins		0.12
RNF24744	4249672	670691	5560135	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	RQ	grab		felsic volcanics	fresh	same shaft, silicified and banded wallrock with pyrite to 20 %	Sturgeon Supreme?	pyrite to 20%, carbonated		0.01
RNF24745	4249672	670459	5560902	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	RQ	grab		quartz vein	fresh	Mine lake north showing, large blocks of smoky ,bully looking quartz in mafic volcanicsi	Sturgeon Supreme property	minor pyrr and trace chalco		0.01

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Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
RNF24746	4249672	670454	5560889	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	RQ	grab		mafic volcanics	fresh	Mine lake north showing,silicified wallrock to quartz veining	Sturgeon Supreme property	minor py, pyrr in wallrock,carbonated, serecitic		0.01
RNF24750	4251271	669407	5555145	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/28/2010	RQ	subcrop		mafic volcs	fresh	further west, sheared and quartz veined mafic volcs, 2-4 inch vein material, very compact	green chlorite almost to a chlorite schist	minor pyrite ,trace chalco in quartz		0.33
RNF24751	4251271	669381	5555137	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/28/2010	RQ	grab		quartz vein	fresh	Ore dump from shaft and pit, shaft 3x1.5 m, quartz veined (limited) chlorite schists	small quartz veins to 4 inches with pyrite and chalco	minor pyrite and chalco in wallrock and quartz		0.31
RNF24752	4251271	669393	5555139	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/28/2010	RQ	grab		schist	fresh	same area, sample is a chlorite schist with minor quartz stringers,pyrite to 10% wallrock	shaft sunk on very small veins	2-4 % pyrite locally		0.43
RNF24753	4251271	669447	5555334	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/28/2010	RQ	grab		mafic volcs.	weathered	small pit in mafic volcs.sample from rubble pile from side of a cliff, no visible quartz veining	massive to semi-massive coarse grain pyrite veins	veins to 3-4 inches wide, up to 50% pyrite locally		0.01
RNF24754	4251271	669448	5555407	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/28/2010	RQ	grab		felsic volcs.	weathered	6 m wide felsic unit between two mafic units, highly sheared and carbonated	appears to be all pyrr which is unusual for felsics	2% pyrr, minor pyrite?		0.01
RNF24755	4224854	673746	5557674	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	RQ	grab		quartz vein	fresh	North of Davidson -Carr, three parallel small quartz veins, minor pink alteration only	minor green chlorite, very little carbonate	no sulfides, very compact quartz		0.01
RNF24756	4224853	673682	5557875	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	RQ	subcrop		quartz vein	fresh	NE of Davidson-Carr, small 2-4 inches quartz veir subcropping on lake shore	intensely carbonated	minor pyrite, maybe trace chalco		0.01
RNF24757	4224853	673683	5557874	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	RQ	subcrop		quartz vein	fresh	same area , larger 10x10 subcropping quartz, more compact, milky white	carbonate and tourmaline?	pyrite and chalco in quartz and wallrock, nice looking		0.01
RNF24758	4224857	671230	5552873	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	RQ	grab		quartz vein	fresh	quartz vein island,Dave found, at lake shore at least one m wide in mafic rock	carbonated, trending N-S	minor chalco along margings of vein		0.01
RNF24759	4224857	671231	5552865	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	RQ	subcrop		quartz vein	weathered	4 m west, subcropping materialof quartz vein serecite schist, 12 x20 highly angular	carbonated , tourmaline?	minor pyrite and chalco in wallrock and , nice looking		0.01
RNF24760	4224857	671226	5552862	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	RQ	subcrop		mafics	fresh	2m west, quartz carbonate veining in dark mafic rock, sample 505 quartz ,50 % wallrock	carbonated	minor to abundant pyrite locally		0.01
RNF25701	4251274	672435	5557791	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	RQ	float		quartz vein	fresh	glaassy quartz vein, trace carbonate and chlorite, no visible sulfides (10-12 inches wide	very minor carbonate and chlorite	no other visible sulfides	Powell area	0.01
RNF25702	4251274	672210	5557623	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	RQ	subcrop		quartz vein	fresh	albitized felsic unit, minor quartz veining, moderately sheared	moderately sheared, albitized	trace chalco at vein/wall rock margins	Powell area	0.01
RNF25703	4251274	672211	5557622	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	RQ	outcrop		felsic volcanics	fresh	albitized felsic unit, minor quartz veining, moderately sheared	minor small somewhat circular rusty zones	1-2% dissem pyrite	Powell area	0.02
RNF25704	4251274	672219	5557632	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	RQ	outcrop		felsic volcanics	fresh	glassy quartz vein albitized, almost pink, 12 inches	minor pyrite, 1-2% dissem, cubic	black chlorite stringers and minor py	Powell area	0.03
RNF25705	4224854	673799	5557573	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	RQ	outcrop		quartz vein	fresh	pinkish quartz vein, 2-4 inches thick, flat lying, minor to abundant py	very minor pyrite, black chlorite on outside	minor py	Davidson -Carr area	3.83
RNF25706	4224854	673798	5557590	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	RQ	outcrop		mafic volcanics	fresh	silicified wallrock to quartz vein, moderately sheared, mafic volcanics	quartz stringers	chlorite, minor py	Davidson -Carr area	1.29
RNF25707	4224854	673798	5557590	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	RQ	outcrop		quartz vein	fresh	quart vein only from sample RNF 25706	no carbonate, trace chalco	trace chalco	Davidson -Carr area	1.91
RNF25708	4224854	673798	5557591	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	RQ	subcrop		quartz vein	fresh	3m east,larger subcropping vein, 0.75m wide, granular quartz	very minor chlorite	very minor chalco and py	Davidson -Carr area	0.57
RNF25709	4224854	673793	5557580	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	RQ	subcrop		quartz vein	fresh	second sample from quartz vein,granular quartz with minor tourmaline, minor carbonate	minor carbonate, tourmaline	no other visible sulfides	Davidson -Carr area	0.01
RNF25710	4224854	673743	5557671	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	RQ	outcrop		quartz vein	fresh	vertical quartz veins in mafic volcanics, 40 degree strike, very compact, almost to chalcedony	pinkish alteration, 10-12 inches wide	very minor chalco	Davidson -Carr area	0.01

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Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
RNF25711	4251276	671836	5558055	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	RQ	subcrop		quartz vein	fresh	quartz veins, vertical dipping, fractured,and granular, bull quartz appearance	minor carb and muscovite, serecite	pyrite restricted to wallrock contact	Powell area (at an old pit to the nortwest)	0.01
RNF25712	4251276	671849	5558059	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	RQ	subcrop		quartz vein	fresh	same as above, but more wallrock	minor carb and muscovite, serecite	more pyrite and chalco in wallrock	Powell area (at an old pit to the northwest)	0.01
RNF25713	4251276	671843	5558062	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	RQ	subcrop		quartz vein	fresh	100 % granular bull looking quartz	minor carb and muscovite, serecite	trace chalco, no pyrite	Powell area (at an old pit to the northwest)	0.01
RNF25714	4251276	672010	5558549	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	RQ	outcrop		quartz vein	weathered	quartz carbonate veining in mafic volcanics (at a small pit) veins are from 4-12 inches wide	vertical quartz carb veins highly weathered	minor tourmaline	Powell area(at small pit to the west)	0.07
RNF25715	4251276	672010	5558549	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	RQ	outcrop		quartz vein	weathered	same as above, subcrop material from veins,	vertical quartz carb veins highly weathered	minor tourmaline, muscovite	Powell area(at small pit to the west)	0.01
RNF25716	4251274	672394	5556867	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	RQ	subcrop		mafic volcanics	weathered	quartz carbonate veining at contact with mafic volcanics, 2 m wide	quartz carbonate, tourmaline	no other visible sulfides	Powell area (to the southeast)	0.01
RNF25717	4251274	672393	5556865	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	RQ	subcrop		mafic volcanics	weathered	quartz carbonate veining at contact with mafic volcanics,	quartz carbonate, tourmaline,quartz stringers	no other visible sulfides	Powell area (to the southeast)	0.01
RNF25718	4251274	672395	5556865	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	RQ	subcrop		mafic volcanics	weathered	quartz carbonate veining at contact with mafic volcanics, tourmaline up to 1%	quartz carbonate, tourmaline	no other visible sulfides	Powell area (to the southeast)	0.02
RNF25719	4251274	672395	5556867	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	RQ	subcrop		mafic volcanics	weathered	fine grain mafic rock, moderately sheared,minor stringers of quartz carbonate	trace chalco	no other visible sulfides	Powell area (to the southeast)	0.03
RNF25720	4251274	672439	5556910	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	RQ	float		quartz vein	fresh	small 10x10 inches (local) in mafic volcanics	trace chalco, tourmaline	no other visible sulfides	Powell area (to the southeast)	0.01
RNF25721	4251274	672494	5557019	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	RQ	subcrop		quartz vein	weathered	along strike,highly sheared mafic volcanics,quartz carbonate veining, 50 degree strike	tourmaline only	no other visible sulfides	Powell area (to the southeast)	0.01
RNF25722	4251274	672555	5557079	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	RQ	subcrop		quartz vein	fresh	2 inch quartz vein in sheared mafics, large blocks of quartz carbonate veining just to the south	chlotite	minor pyrite and chalco	Powell area (to the southeast)	0.01
RNF25723	4251281	670728	5562966	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	RQ	float		felsic volcanics	fresh	large angular blocks of felsic volcanics up to 1 m wide, highly oxidized	garnet, carbonate	abundant fine sulfides	Thomas lake area	0.01
RNF25724	4251281	670820	5562910	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	RQ	outcrop		mafic volcanics	fresh	contorted and disrupted quartz veining in felsic volcanics, quartz is blackish	chlorite	trace sulfides	Thomas lake area	0.03
RNF25725	4217371	670765	5562357	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	RQ	outcrop		mafic volcanics	weathered	1-2 m wide quartz carbonate zone, gently dipping	chlorite? (black slevages)	trace sulfides	Thomas lake area	0.01
RNF25726	4217371	670572	5561932	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	RQ	subcrop		mafic volcanics	weathered	1 m wide quartz carbonate unit in mafic volcanics	black chlorite? very minor chalco	no other visible sulfides	Thomas lake area	0.01
RNF25727	4217371	670478	5561953	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	RQ	subcrop		mafic volcanics	fresh	2-6 inch quartz vein at edge of pond	green chlorite,very minor chalco	py in wall rock	Thomas lake area	0.01
RNF25728	4217371	670476	5561955	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	RQ	subcrop		mafic volcanics	fresh	same area, mostly wallrock 20 % quartz	green chlorite,very minor chalco	minor pyrite,pyrr and trace chalco	Thomas lake area	0.01
RNF25729	4217371	670768	5562356	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	RQ	outcrop		quartz vein	fresh	back to carbonate zone of sample RNF25725, 4 inch wide quartz vein at contact	green chlorite	trace to very minor pyrite	Thomas lake area	0.01
RNF25730	4251273	671773	5556947	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	RQ	subcrop		quartz vein	fresh	glassy,quartz veined mafic volcanics	chloritic,minor carbonate	trace prite and chalco	Powell area (south)	0.01
RNF25731	4251274	672248	5557124	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	RQ	subcrop		quartz vein	fresh	20 m n of old pit, 0.5 m wide bull quartz vein, no sulfides	green chlorite	abundant tourmaline needles	Powell area (south)	0.01
RNF25732	4251272	670699	5555761	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2020	RQ	subcrop		mafic volcanics	fresh	quartz carbonate veining within mafics	black chlorite?	minor pyrite	Powell area (south)	0.01
RNF25733	4251272	670234	5556056	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2020	RQ	outcrop		mafic volcanics	weathered	mildly silicified	slightly silicified	1 % pyrr locally, trace pyrite and chalco	Powell area (south)	0.01
RNF25734	4251272	670218	5556035	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2020	RQ	outcrop		mafic volcanics	fresh	mildly silicified , slightly sheared	moderately sheared, silicified	blebby pyrr, trace chalco & pyrite	Powell area (south)	0.01
RNF25735	4251272	670124	5555933	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2020	RQ	outcrop		mafic volcanics	weathered	slightly silicified, some what schists like	moderately sheared,	1% pyrite locally,very little pyrr	Powell area (south)	0.02

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RNF25736	4251271	669931	5555641	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2020	RQ	outcrop		quartz vein	weathered	blackish alteration (chlorite?)	moderately sheared and resealed	trace prite and	Powell area (south)	0.01
RNF25737	4251271	669690	5555857	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	RQ	subcrop		felsic volcanics	weathered	slightly carbonated, almost a serecite schist	abundant serecite	1% pyrite locally	Powell area (south)	0.04
RNF25738	4251271	669686	5555855	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	RQ	subcrop		felsic volcanics	weathered	slightly carbonated, almost a serecite schist	abundant serecite	1-2% pyrite locally	Powell area (south)	0.03
RNF25739	4251271	669679	5555858	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	RQ	subcrop		felsic volcanics	weathered	slightly carbonated, almost a serecite schist	more compact	1-2% pyrite locally,trace tourmaline	Powell area (south)	0.01
RNF25740	4251271	669675	5555839	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	RQ	subcrop		felsic volcanics	weathered	slightly carbonated, almost a serecite schist	more silica rich	2-3% pyrite, clusters of tourmaline	Powell area (south)	0.07
RNF25741	4251271	669683	5555646	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	RQ	subcrop		felsic volcanics	weathered	slightly carbonated, almost a serecite schist	more silicified, silica to quartz, vuggy	pyrite and tourmaline	Powell area (south)	0.06
RNF25742	4251271	669369	5555765	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	RQ	outcrop		mafic volcanics	fresh	slightly fractured, minor silica and quartz in fracture planes	highly sheared	very minor cubic pyrite	Powell area (south)	0.03
RNF25743	4251271	669440	5555656	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	RQ	outcrop		mafic volcanics	fresh	sheared mafic volcvanics, quartz epidote veining	epidote altered	trace chalco	Powell area (south)	0.02
RNF25744	4251271	669592	5556215	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	RQ	outcrop		mafic volcanics	fresh	highly sheared mafic volcanics	minor quartz on fracture planes	trace chalco and pyrite	Powell area (south)	0.01
RNF25745	4251260	662969	5543997	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	RQ	subcrop		sediments??	weathered	moderately sheared sediments	minor carbonate	up to 1% pyrite locally	Rainbow south	0.01
RNF25746	4251260	662907	5543857	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	RQ	float		quartz vein	fresh	small 5x5 inch quartz in mafic ic volcanics, very local	minor green chlorite, carbonate	minor chalco, pyrite	Rainbow south	0.14
RNF25747	4251260	663453	5544123	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	RQ	subcrop		granite	fresh	granite to mafic contact, silicified, very little carbonate	silicified	minor chalco trace pyrite	Rainbow south	0.01
RNF25748	4251260	663515	5544248	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	RQ	outcrop		granite	fresh	small shear zone in granite, semi massive pyrite stringers very locally	silicified, sheared rusty	minor disseminated py,	Rainbow south	0.82
RNF25749	4251260	663538	5544302	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	RQ	outcrop		granite	fresh	albitized granite to granidorite to a quartz feldspar unit, minor quartz stringers	moderately silicified minor light black quartz veins	minor stringer to disseminated pyrite	Rainbow south	0.61
RNF25750	4251274	672485	5557740	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	MQ	grab		quartz vein		quartz vein, minor Cpy, Py, visible gold, chlorite				169
RNF25751	4251274	672435	5557791	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	MQ	grab		carbonate-quartz vein		Fe-carbonate quartz vein, wallrock mafic volcanic			vein trending East towards Powell	0.11
RNF25752	4251274	672387	5557746	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	MQ	grab		carbonate-quartz vein		Fe-carbonate, quartz vein with mafic wallrock		10-15% Py, Cpy		0.06
RNF25753	4251274	672149	5557639	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	MQ	grab		quartz vein		6 inch quartz vein, carbonate, mafic wallrock trending SE				0.01
RNF25754	4251274	672179	5557798	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	MQ	grab		quartz vein		quartz vein, minor Py, chlorite, felsic volcanic wallrock				0.01
RNF25755	4251274	673475	5557451	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	MQ	grab		mafic volcanic		mafic volcanic wallrock with quartz-carb veins				0.94
RNF25756	4251274	673301	5556621	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	MQ	grab		mafic volcanic		mafic volcanic containing Py and quartz vein			multiple veins 1-2 inches	0.01
RNF25757	4251276	671836	5558062	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	MQ	grab		quartz vein		quartz vein in contact with wallrock, very minor Py in wallrock, muscovite in quartz		minor Py	from Pit No. 1	0.01
RNF25758	4251276	671834	5558064	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	MQ	grab		quartz vein		quartz vein, fractures contain Cpy and trace Py		Cpy and trace Py	from Pit No. 1	0.02
RNF25759	4251276	671843	5558061	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	MQ	grab		quartz vein	weathered	quartz vein, highly oxidized, reddish cubic Py		Py	from Pit No. 1	0.02
RNF25760	4251276	672009	5558549	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	MQ	grab		mafic volcanic		mafic volcanic wallrock, contains Py		Py	from Pit No. 2	0.04
RNF25761	4251274	672392	5556869	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	MQ	grab		quartz vein		quartz carbonate vein with tourmaline needles				0.01
RNF25762	4251274	672390	5556869	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	MQ	grab		quartz vein		bull quartz, carbonate, NO tourmaline				0.01
RNF25763	4251274	672360	5556828	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	MQ	grab		carbonate-quartz vein		carbonate- quartz vein, 2 inches wide along strike with sample 25762		very fine disseminated Py		0.01
RNF25764	4217371	670776	5562396	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	MQ	grab		felsic volcanic		rhyolite with quartz veining		Py in quartz		0.05
RNF25765	4217371	670787	5562379	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	MQ	grab		carbonate-quartz vein		carbonate-quartz vein		Py and Cpy?		0.01
RNF25766	4217371	670860	5562188	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	MQ	float		quartz vein		2.5 ft local boulder, quartz vein, Fe-carbonate		Py		0.01
RNF25767	4217371	670542	5561955	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	MQ	grab		quartz vein	fresh	mafic volcanic with quartz vein	Fe-carbonate	Py	sample taken here before	6.22

Appendix II. Rock Sample Descriptions and Locations

Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
RNF25768	4217371	670538	5561958	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	MQ	grab		quartz vein	fresh	mafic volcanic with quartz vein	Fe-carbonate	Py throughout	5 metres from sample RNF25767 in same vein	0.03
RNF25769	4217371	670546	5561944	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	MQ	grab		quartz vein	fresh	quartz carbonate vein from trench hosted in felsic wallrock		very minor Py and Cpy	sample taken here before	0.14
RNF25770	4217371	670553	5561944	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	MQ	grab		quartz vein	altered	sheared quartz vein from trench		50% Py, Cpy	sample taken here before	1.65
RNF25771	4217371	671023	5562194	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	MQ	grab		Fe-carbonate quartz zone	fresh	Fe-carbonate quartz vein zone 25 to 30 ft wide				0.01
RNF25772	4217371	671083	5562212	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	MQ	grab		mafic volcanic	fresh	mafic volcanic with felsic fragments		fine grained disseminated Py		0.03
RNF25773	4251279	671204	5561923	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	MQ	grab		quartz vein	fresh	Fe-carbonate quartz vein cut by younger quartz vein, mafic wallrock with massive Py		minor Py in vein, massive Py in wallrock		0.04
RNF25774	4251272	671770	5555646	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	MQ	grab		quartz vein	fresh	Fe-carbonate quartz vein	minor chlorite	Py and trace Cpy		0.01
RNF25775	4251272	670152	5555977	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	MQ	grab		felsic volcanic	altered	highly altered, quartz carbonate, felsic volcanic with 10% Py	silica, sericite, Fe-carbonate, intense	10% disseminated Py, cubic		0.01
RNF25776	4251272	670123	5555947	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	MQ	grab		felsic volcanic	altered	highly altered, quartz carbonate, felsic volcanic with 10% Py	silica, sericite, Fe-carbonate, intense	10% disseminated Py, cubic		0.01
RNF25777	4251271	669761	5556270	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	MQ	float		quartz vein	fresh	clear quartz float 1 by 1 feet, angular contains cubic Py		Py cubic		0.01
RNF25778	4251271	669349	5555713	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	MQ	grab		quartz vein	fresh	two quartz veins (2-4 inches wide) trending NE in mafic host		Py disseminated in wallrock		0.02
RNF25779	4251271	669560	5556181	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	MQ	float		mafic volcanic	altered	angular local float of highly silicified mafic volcanic	tourmaline crystals	Py disseminated and cubic		0.01
RNF25780	4251260	662607	5543519	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	MQ	float		quartz vein	fresh	angular quartz Fe-cabonate vein float, local?	tourmaline	Py		0.04
RNF25781	4251260	663441	5544130	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	MQ	grab		granodiorite?	fresh			Py and Cpy		0.07
RNF25782	4251260	663535	5544274	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	MQ	float		quartz vein	fresh	black quartz float, angular		Py, Cpy with malachite staining		3.38
RNF25783	4251260	663525	5544313	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	MQ	grab		quartz vein	fresh	4 inch dark (smokey) quartz vein trending NW		trace Py		0.01
RNF25784	4251267	668436	5546385	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	MQ	float		mafic volcanic	fresh	angular, local, mafic volcanic float 2 by 2 feet		5% Py		0.08
RNF25785	4251267	668367	5546260	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	MQ	grab		quartz vein	fresh	west trending 1 foot wide quartz vein, Fe-carbonate, mafic wallrock	tourmaline	Cpy		0.01
RNF25786	4251267	668044	5546065	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	MQ	grab		felsic volcanic	fresh	10 feet wide highly silicified, carb-quartz altered felsic volcanic, overlain by mafics	silica-sericite- Fe-carbonate	disseminated and cubic Py		0.04
RNF25787	4251267	667490	5546238	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	MQ	grab		mafic volcanic	fresh	mafic volcanic with small quartz vein, wallrock 10% Py		10% Py		0.02
RNF25788	4251265	666229	5545967	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	MQ	float		quartz vein	fresh	quartz vein float approximately 1 by 1 feet, completely silicified brecciated rhyolite????				0.01
RNF25789	4251277	671681	5559400	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	MQ	grab		quartz veins	fresh	2 to 3 m quartz vein trending 340 deg.	minor Fe-carbonate, chloritic wallrock			0.01
RNF25790	4251260	663596	5544318	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/20/2010	RQ	float		quartz vein	weathered	small 8x10 inch quartz block, local on the shoreline	minor carbonate	< 1% chalco,malachite stained, trace pyrite	Rainbow south	0.02
RNF25791	4251267	668400	5546300	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	RQ	float		quartz vein	fresh	12x8 completly silicified highly angular quartz boulder, appears to be almost in place	layered quartz, chalcedonic, black banding	minor very fine pyrite		0.02
RNF25792	4251267	668389	5546322	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	RQ	subcrop		gabbro	weathered	quartz veined locally, minor shearing	tourmaline needles	very minoy pyrite and chalco		0.01
RNF25793	4251267	668365	5546312	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	RQ	subcrop		quartz vein	weathered	moderately sheared gabbro, minor quartz veining 1 2 inches wide, trace chalco in wallrock	carbonate, serecite	trace chalco in quartz		0.1
RNF25794	4251267	668339	5546276	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	RQ	outcrop		quartz vein	weathered	small to one inch carbonate veins in gabbro, 1-2 % pyrite in wallrock	minor tourmaline , 1 2% py in wallrock margins	trace chalco, minor carbonate		0.26

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RNF25795	4251267	668277	5546254	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	RQ	float		quartz vein	weathered	local float, more compact and carbonated, somewhat brecciated	chalcedonic sections of quartz within vein	trace chalco and pyrite		0.02
RNF25796	4251267	667759	5546202	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	RQ	outcrop		quartz vein	weathered	silicified and quartz veined mafic volcanics	green chlorite, little carbonate	very minor pyrite, trace chalco		0.01
RNF25797	4251265	666475	5546148	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	RQ	outcrop		quartz vein	weathered	2-3 inch quartz vein in mafic volcanics	carbonate	1%py locally,no visible chalco		0.06
RNF25798	4251277	671679	5559405	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	RQ	grab		felsic volcanics	fresh	3 m wide quartz veined zone, pinches out quickly,individual veins to 12 inches	black chlorite?	very little carbonate,no visible sulfides		0.01
RNF25799	4251277	671546	5559504	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	RQ	subcrop		felsic volcanics	fresh	large blocks up to a m wide,completly silicified, very little carbonate	silicified	very minor fine pyrite		0.01
RNF25800	4251277	671577	5559586	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	RQ	grab		felsic volcanics	fresh	100 m along strike,felsics folded into mafics	silicified	minor to abundant fine pyrite locally		0.01
RNF25829	4251264	665561	5547935	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	CP	grab		gabbro	fresh	medium grained gabbro		3-5% Py, trace Cpy		0.01
RNF25830	4251278	673427	5560401	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	CP	float		mafic	fresh	fine grained, Fe-carbonate altered from small stream float		2% Py		0.01
RNF25831	4251278	673589	5560214	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	CP	grab		mafic	fresh	medium grained with Fe-carbonate alteration at contact with 16 inch quartz vein		2% Py, trace Cpy		0.01
RNF25832	4251264	665929	5547917	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	CP	grab		mafic	fresh	NE/SW oriented sheared mafic volcanics		5% Py cubes and fine grained Py, 2% Cpy		0.01
RNF25833	4251278	673619	5560128	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	CP	float		?	fresh	medium grained siliceous and Fe-carbonated float	could be an intensely silicified gabbro/felsic int. Not sure about the 35% Cpy, perhaps Po	15% Py, 35% Cpy?		0.01
RNF25834	4251281	670803	5562511	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	CP	grab		quartz vein	fresh	fine grained mafic with flat lying quartz veining carrying Cpy		3% Cpy		0.01
RNF25835	4251281	669917	5562970	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	CP	grab		gabbro	fresh	medium grained, blast rock from making road	iron carbonate	trace pyrite		0.01
RNF25836	4251281	669691	5562730	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	CP	grab		mafic	fresh	fine grain mafic rock, with iron carbonate and sulfide burn, rock from road making	iron carbonate	3-5% fine grain py and chalco		0.2
RNF25837	4249672	670980	5561126	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	CP	grab		felsic	fresh	big gossan zone, malachite staining, fine grain rock	Sturgeon Supreme property	iron carbonate, 40 %chalco 10 % py		0.02
RNF25838	4249672	670842	5560603	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	CP	grab		quartz vein	fresh	blast pit rubble,	Sturgeon Supreme property	iron carbonate, 3-5% py, 1-2% chalcopyrite		0.01
RNF25839	4249672	670836	5560607	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	CP	grab		felsic	fresh	felsic shear from blast pit, fine grain carbonate	Sturgeon Supreme property	5-10% py and chalcopyrite		0.06
RNF25840	4249672	670634	5560647	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	CP	grab		felsic	fresh	disseminated sulfides in felsic volcs. along lake shore	Sturgeon Supreme property	30% py. 5-10% chalcopyrite		0.05
RNF25841	4249672	670837	5560352	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	CP	grab		quartz vein	fresh	1.5 m pit, 5 m deep, possibly mine lake SE	carbonated (Sturgeon supreme property)	trace pyrite and chalcopyrite		0.04
RNF25842	4249672	670837	5560349	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	CP	grab		quartz vein	fresh	same area around pit	carbonated (Sturgeon supreme property)	trace pyrite and chalcopyrite		29
RNF25843	4249672	670835	5560346	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	CP	grab		mafic/ quartz	fresh	same area around pit, medium grain mafics with disseminated sulfides	Sturgeon Supreme property	3% pyrite, 1 % chalco		3.48
RNF25844	4249672	670710	5560261	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	CP	grab		mafic	fresh	medium grain blast rock from shaft	Sturgeon Supreme property	50 % pyrite, chalco pyrite, native copper?		0.06
RNF25845	4249672	670713	5560257	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/26/2010	CP	grab		mafic	fresh	fine to medium grain blast rock from shaft	Sturgeon Supreme property	80 % pyrite and chalcopyrite		0.21
RNF25846	4224855	673090	5555668	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/28/2010	CP	grab		gabbro	fresh	fine grain gabbro, sheared runing NE/SW		trace pyrite and chalcopyrite		0.74
RNF25847	4224854	673757	5557805	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	CP	grab		quartz vein	fresh	small quartz vein in felsics		carbonate only		0.01

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RNF25848	4224853	673721	5557969	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	CP	grab		felsic	fresh	shear zone in felsics		trace pyrite		0.01
RNF25849	4224858	671272	5552977	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	CP	grab		mafic	fresh	fine grain mafics, Sheared running NE/SW	malachite staining	10 % pyrite and chalcopyrite		0.01
RNF25850	4224857	671218	5552881	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/29/2010	CP	grab		quartz/mafic	fresh	small quartz vein in mafic rock	carbonate	trace chalco and pyrite		0.47
RNF25851	4251265	666077	5546872	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	DC	grab		quartz vein	weathered	Qtz + Fe-carb vein hosted in chlorite + Fe-carb altered mafics	Fe-carb	nvs		0.01
RNF25852	4251265	666066	5546843	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	DC	grab		quartz vein	fresh	Quartz and Fe-carbonate vein within Fe-carbonate and chlorite altered mafic	spots of chlorite in wallrock, pervasive Fe-carb	nvs		0.01
RNF25853	4251265	666037	5546833	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	DC	grab		quartz vein	fresh	quartz vein within highly altered mafic volcanics, vuggy with Fe-carb	fuchsite, chlorite and Fe-carb altered wallrock. Fe-carb in veins	1-2% Cpy + Py		0.01
RNF25854	4251267	667237	5546904	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	DC	grab		quartz vein	fresh	quartz vein hosted within chloritic gabbro or massive mafic volcanic	nil	nvs		0.01
RNF25855	4251267	667246	5546801	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	DC	subcrop?		quartz vein	fresh	possible float or subcrop of quartz vein, stylolitic, pink staining	nil	trace Py		0.01
RNF25856	4251261	663771	5544702	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	DC	grab		felsic intrusive	weathered	Intensely deformed and altered felsic intrusive	pervasive intense sericite and Fe-carbonate	7-10% disseminated, cubic Py		0.01
RNF25857	4251261	663771	5544702	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	DC	grab		quartz vein	fresh	Blue quartz and calcite and Fe-carb vein along sheared felsic intrusive unit	nil	trace Py		0.73
RNF25858	4251261	663787	5544775	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/21/2010	DC	grab		quartz vein	fresh	glassy quartz vein 15cm wide in granite (undeformed)	nil	nvs but has some reddish hematite staining along pseudo-stylolites		2.37
RNF25859	4251277	671297	5560113	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	DC	grab		felsic volcanic	fresh	Highly siliceous felsic volcanic	Fe-carbonate, silica	5-7% disseminated Py, cubic and stringers		0.01
RNF25860	4251277	671254	5560179	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	DC	grab		felsic volcanic?	weathered	Felsic volcanic, sugary, very siliceous and/or silica flooded zone	minor Fe-carbonate, silica pervasive	2-4% disseminated Py		0.01
RNF25861	4251277	671266	5560199	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	DC	grab		silica-carbonate zone	weathered	50 cm wide silica-Fe-carbonate zone alteration zone hosted within felsic volcanics near contact with mafics	silica, Fe-carbonate pervasive	4-5% diseeminated Py, anhedral		0.11
RNF25871	4251277	671537	5559471	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	MQ	grab		quartz vein	fresh	quartz vein in felsic	Fe-carbonate alteration	Cpy and malachite		0.01
RNF25872	4251277	671474	5559587	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	MQ	grab		quartz vein	fresh	1 m wide quartz carbonate in mafic rock		minor Py		0.01
RNF25873	4251277	671278	5559933	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	MQ	grab		quartz vein	fresh	quartz vein striking 30 deg NE in gabbro wallrock		Py and Cpy		0.01
RNF25874	4217374	670698	5559822	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	MQ	grab		felsic volcanics	fresh	southern end of northern conductor, 60 ft trench, quartz veined felsics	Paragon property	semi- massive pyrite in quartz in small quartz vein		0.01
RNF25875	4217374	670697	5559822	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	MQ	grab		mafic?	fresh	same trench, quartz stringers with pyrite and pyrr?	Paragon property	minor pyrite and pyrr in quartz stringers within mafics?		0.01
RNF25876	4217374	670652	5559695	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	MQ	grab		mafic	fresh	quartz stringers in mafic volcanics, semi-massive pyrite in stringers	Paragon property	semi- massive pyrite in quartz stringers		0.01
RNF25877	4217374	670242	5559338	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	MQ	grab		felsic	fresh	felsic rock from a pit, 5% pyrr	Paragon property	5% pyrr		0.01
RNF25878	4217374	670376	5559956	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	MQ	grab		quartz vein	fresh	large milky white quartz vein in mafic volcanics	Paragon property	trace chalco only		0.01
RNF25879	4224458	668506	5553079	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/24/2010	MQ	grab		quartz vein	fresh	ore dump at shaft a or b on Gold Star syndicate property,unable to determine exact shaft	Gold Star syndicate property	minor carbonate, chalco, pyrite and visible gold		56.2
RNF25880	4224458	668506	5553080	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/24/2010	MQ	grab		quartz vein	fresh	still at same shaft ,quartz vein with wallrock contact	Gold Star syndicate property	carbonated,with chalco and pyrite		147
RNF25881	4251277	671475	5559597	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	RQ	grab		mafic volcanics	fresh	at site of conductor	moderately carbonated	<1% pyrr and trace chalco		0.27
RNF25882	4251277	671285	5559869	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	RQ	subcrop		quartz vein	fresh	small 4 inch vein in altered mafics	highly oxidized	very minor chalco		0.07

Appendix II. Rock Sample Descriptions and Locations

Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
RNF25883	4251277	671278	5559931	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	RQ	grab		gabbro	fresh	wallrock near quartz vein (Merv sampled),highly magneticwith magnetite	minor carbonate	abundant magnetite, very minor sulfides, trace chalco		0.02
RNF25884	4251277	671259	5559956	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	RQ	grab		gabbro	fresh	40 m across strike, highly magnetic zone with abundant magnetite	minor epidote	malachite, magnetite		0.03
RNF25885	4251277	671264	5560176	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/22/2010	RQ	grab		quartz vein	fresh	zone of third conductor,quartz carbonate zone in sheared and carbonated mafic vols.	carbonated 6-8 inch vein material	minor magnetite, trace sulfides		0.01
RNF25886	4217374	670707	5559827	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	RQ	grab		felsic volcs.	fresh	large open trench, 60 ft long, tip of northern conductor south of Mine Lake -SE	minor quartz veining ,carbonated, pyritic	20% sulfides locally		0.02
RNF25887	4217374	670700	5559820	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	RQ	grab		mafic volcs	fresh	2 m east in trench,10-14 inch quartz vein widens with depth in silicified mafics,	silicified with biotite	very minor to trace pyrite		0.01
RNF25888	4217374	670709	5559827	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	RQ	grab		quartz vein	fresh	same area bull quartz vein in mafic volcanics, trace pyrite alond wallrock margins	minor carbonate, biotite	trace pyrite		0.01
RNF25889	4217374	670654	5559694	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	RQ	grab		mafic volcanics	fresh	second trench going south,100 feet long,appears to be felsic units in contact with mafic	silicified,minor biotite	1-2% pyrite		0.01
RNF25890	4217373	670062	5559693	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	RQ	grab		felsic volcanics	fresh	weathered unit, trench needs to be rehabilitatedto see extent of mineralization	sheared,silicified,minor biotite	10-15 % pyrite locally		0.01
RNF25891	4217374	670242	5559329	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/23/2010	RQ	grab		felsic volcanics	fresh	area of southernmost conductor,old workings,very rusty area	oxidized	10-20 % pyrr and pyrite, trace chalco		0.01
RNF25892	4249672	669861	5560541	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	RQ	grab		quartz vein	fresh	at Stewart vein zone?, collasped trench, quartz rubble on the side	Sturgeon supreme property	pryrite rich, 30%, bull looking quartz vein		0.3
RNF25893	4249672	669861	5560541	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	RQ	grab		quartz vein	fresh	same area, bully looking quartz with minor pyrite and chalco,	Sturgeon Supreme property	2% pyrite		0.28
RNF25894	4249672	669861	5560541	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	RQ	grab		quartz vein	fresh	same area,more compact quartz, 20% wallrock,very little carbonate or chlorite	Sturgeon Supreme property	very minor chalco, trace pyrite		0.01
RNF25895	4249672	669866	5560385	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	RQ	grab		mafic volcanics	fresh	150m south,highly altered mafic volcanics, 2 m wide quartz veined zone,	Sturgeon Supreme property	minor pyrr,pyrite, trace chalco, 80% wallrock		0.03
RNF25896	4249672	669871	5560362	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	RQ	grab		quartz vein	fresh	at Stewart shaft, semi-massive pyrr veins in mafic volcanics and a very black gabbro	Sturgeon Supreme property	30-40 % pyrr-pyrite, mostly pyrr		17.75
RNF25897	4249672	669871	5560362	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	RQ	grab		quartz vein	fresh	same dump,glassy quartz with only very minor sulfides	Sturgeon Supreme property	rusty, oxidized, very minor pyrr and chalco		0.25
RNF25898	4249672	669861	5560353	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	RQ	grab		mafic volcanics	fresh	Shaft # 2 sunk in fine grain mafic intrusive,sample is 30% quartz, 70 % wallrock	Sturgeon Supreme property	minor pyrr may be some pyrite, highly weathered		0.56
RNF25899	4249672	669861	5560353	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	RQ	grab		mafic volcanics	fresh	same ore dump, highly silicified wallrock almost to a quartz vein,dull blue grey look	Sturgeon Supreme property	minor biotite, pyrr		0.06
RNF25900	4249672	669863	5560372	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/25/2010	RQ	subcrop		mafic volcanics	fresh	north 10 meters,quartz veined volcanics,moderately silicified	Sturgeon Supreme property	minor chalco and pyrite, rusty and weathered		0.01
RNF25901	4251274	673311	5556586	15	NAD83	Gold Star	Sturgeon Lake	052J/02	near Y-Island	11/1/2010	CP	grab	N/A	mafic	fresh	mafic volcanic with fuchsite		2% Cpy, 30% Py	Y-Island Area	0.000000
RNF25902	4251274	673311	5556586	15	NAD83	Gold Star	Sturgeon Lake	052J/02	near Y-Island	11/1/2010	CP	grab	N/A	quartz vein	fresh	quartz vein up to 1 metre wide		2% Cpy, 5% Py	Y-Island Area	0.000000
RNF27557	4251274	672384	5557741	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	CP	grab		quartz vein		Rose-coloured quartz vein with malachite staining		Py, Cpy	blast pit rubble, Powell Prospect	65.9
RNF27558	4251274	673487	5557454	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	CP	grab		quartz vein				Cpy, Py	blast pit rubble, Davidson-Carr	25.8
RNF27559	4251274	673500	5557445	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	CP	grab		quartz vein		semi-massive sulphide in quartz vein		10% combined Cpy, Py	blast pit rubble, Davidson-Carr	0.38
RNF27560	4251274	672961	5556280	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/12/2010	CP	grab		mafic volcanic		sheared mafic volcanic		Cpy, Py		3.41
RNF27561	4251278	673550	5559060	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/13/2010	CP	grab		mafic volcanic				disseminated Cpy, Py		0.04
RNF27562	4224854	673696	5557388	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	CP	grab		mafic volcanic		Fe-carbonate and quartz veining in mafic volcanic		20% Py		0.06
RNF27563	4224854	673939	5557450	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	CP	grab		quartz vein		quartz vein hosted by mafic volcanic, flat lying quartz vein 16" wide, Fe-carbonate		20% Py		5.14

Appendix II. Rock Sample Descriptions and Locations

Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
RNF27564	4224854	674008	5557428	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/14/2010	CP	grab		quartz vein		quartz vein hosted by mafic volcanic, Fe-carbonate, fine grained		10% Py		0.01
RNF27565	4251280	671458	5562371	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	CP	grab		quartz vein		quartz, Fe-carbonate vein		10% Py, trace Cpy		0.01
RNF27566	4251280	671680	5562105	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	CP	grab		felsic volcanic		10% Py and Fe-carbonate in quartz eye rhyolite	Fe-carbonate	10% Py		0.01
RNF27568	4251280	672834	5562321	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/15/2010	CP	grab		mafic volcanic		Fe-carbonate altered and veined with tourmaline	Fe-carbonate	10% fine grained Py	blasted rock to clear road	0.01
RNF27569	4251279	671930	5561197	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		mafic volcanic	fresh	fine grained	Fe-carbonate alteration	5% Py		0.01
RNF27570	4251279	671828	5561334	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		felsic volcanic	fresh	fine grained host rock, small 12 inch wide quartz vein		trace Py	not sure if host or vein were sampled	0.02
RNF27571	4251279	671872	5561474	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		felsic volcanic	fresh	Fe-carbonate-quartz underneath disseminated fine grained gossan in felsic		trace Py	not sure if host or vein were sampled	0.01
RNF27572	4251279	671861	5561597	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		felsic volcanic	fresh	5 metre long gossan in felsic volcanics		30% Py fine grained	near iron formation horizon (Grt-Hbl) within UMEX geochem anomaly	0.01
RNF27573	4251279	671861	5561597	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		felsic volcanic	fresh	5 metre long gossan in felsic volcanics		40% Py	near iron formation horizon (Grt-Hbl) within UMEX geochem anomaly	0.01
RNF27574	4251279	671857	5561594	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		felsic volcanic	fresh	5 metre long gossan in felsic volcanics		30-40% fine grained, disseminated Py	near iron formation horizon (Grt-Hbl) within UMEX geochem anomaly	0.01
RNF27575	4251279	671795	5561507	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		mafic volcanic	fresh	mafic felsic volcanic contact zone		5% Py fine grained	near iron formation horizon (Grt-Hbl) within UMEX geochem anomaly	0.01
RNF27576	4251279	671797	5561506	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		mafic volcanic	fresh	mafic felsic volcanic contact zone, fine grained with quartz		10% Py, Cpy	near iron formation horizon (Grt-Hbl) within UMEX geochem anomaly	0.01
RNF27577	4251277	671991	5560493	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		mafic volcanic	fresh		Fe-carbonate fine grained	5-10% Py		0.01
RNF27578	4251277	672075	5560338	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		mafic volcanic	fresh			5% fine grained Py		0.01
RNF27579	4251277	672090	5560233	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		mafic volcanic	fresh	fine grained mafic with Fe-carbonate veining		5% Py, trace Cpy		0.01
RNF27580	4251277	672229	5560072	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		mafic volcanic	fresh	fine grained mafic with quartz Fe-carbonate veining		5% Py, trace Cpy		0.01
RNF27581	4251281	670785	5562500	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		mafic volcanic	fresh	fine grained mafic; blast rock to clear rock		5% Py, trace Cpy		0.04
RNF27582	4251281	670779	5562492	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		mafic volcanic	fresh	fine grained mafic; blast rock to clear rock		20% Py and Cpy		0.01
RNF27583	4251281	670805	5562510	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/16/2010	CP	grab		mafic volcanic	fresh	flat lying quartz on top of iron carbonate altered mafic volcanics		5% Py, trace Cpy		0.18
RNF27584	4251270	670669	5554652	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	CP	grab		felsic	fresh	coarse grained (felsic intrusive?), minor Fe-carbonate alteration		3-5% Py		0.01
RNF27585	4251272	671639	5555154	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	CP	grab		felsic	fresh	fine grained, Fe-carbonate		5% Py		0.01
RNF27586	4251272	671850	5556190	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	CP	grab		felsic	fresh	disseminated carbonate zone around 10 metre long		trace Py		0.01
RNF27587	4251272	671849	5556192	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	CP	grab		felsic	fresh	10 m long Fe-carbonate zone		trace Py		0.01
RNF27588	4251272	671840	5556190	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/17/2010	CP	grab		felsic	fresh	approximately 10 m long Fe-carbonate zone with quartz		trace Py		0.01
RNF27589	4224858	672022	5552902	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	CP	grab		mafic	fresh	fine grained iron carbonate		3% Py, trace Cpy		0.01
RNF27590	4224858	672022	5553004	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	CP	grab		mafic	fresh	fine grained with Fe-quartz carbonate		30% Py, very fine Py and Cpy		0.01

Appendix II. Rock Sample Descriptions and Locations

Sample	Claim	Easting	Northing	UTM_Zone	Datum	Project	Area	NTS	Prospect_Trench	Date	Sampler	Sample_Type	Width	Rock_Type	Condition	Lithology	Alteration	Mineralization	Comments	Au_calc (g/t)
RNF27593	4224858	672173	5552807	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	CP	grab		gabbro	fresh	fine to medium grained gabbro with a trace of Py and Fe-carbonate		trace Py		0.01
RNF27594	4224858	671303	5552707	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	CP	grab		quartz vein	fresh	small quartz vein in mafic rock		2% Py and Cpy		0.01
RNF27595	4224858	671290	5552583	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	CP	grab		quartz vein	fresh	small quartz vein in gabbro with malachite staining		1% Py and Cpy, malachite		0.01
RNF27596	4224857	671004	5552762	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	CP	grab		felsic volcanic	fresh	felsic volcanic, sheared, north south oriented, fine grained Fe-carbonate		5% cubic Py and Cpy		0.01
RNF27597	4251282	670521	5552344	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/18/2010	CP	grab		felsic volcanic	fresh	small quartz veins in felsic volcanic		30% Py and Cpy, fine graoned throughout the rock, galena?		0.01
RNF27598	4224858	671472	5552356	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	CP	grab		mafic	fresh	fine grained, Fe-carbonate		5-10% Py, Cpy, malachite staining		0.01
RNF27599	4251283	672037	5552184	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	CP	grab		mafic	fresh	fine grained Fe-carbonate, partially disseminated		10% Py, trace Cpy		0.01
RNF27600	4251283	671863	5551899	15	NAD83	Gold Star	Sturgeon Lake	052J/02		8/19/2010	CP	grab		felsic	fresh	fine grained sheared felsic with Fe-carbonate alteration		3% Cpy, trace Py		0.01

Appendix III

Analytical Certificates

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **PARAGON MINERALS CORP**
85 THORBURN ROAD, SUITE 202
ST. JOHN'S NF A1B 3M2

Finalized Date: 29-OCT-2009
Account: PARMIN

CERTIFICATE TB09117338

Project: NL401

P.O. No.:

This report is for 23 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 21-OCT-2009.

The following have access to data associated with this certificate:

DAVID COPELAND	MIKE VANDE GUCHTE	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
SCR-21	Screen to -100 um
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
DRY-21	High Temperature Drying
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
Au-GRA21d	Au 30g FA-GRAV finish - DUP	WST-SIM
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Pb-OG62	Ore Grade Pb - Four Acid	VARIABLE
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **PARAGON MINERALS CORP**
ATTN: DAVID COPELAND
85 THORBURN ROAD, SUITE 202
ST. JOHN'S NF A1B 3M2

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 21-SEP-2010
Account: PARMIN

CERTIFICATE TB10123305

Project: ON402

P.O. No.:

This report is for 58 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 1-SEP-2010.

The following have access to data associated with this certificate:

DAVID COPELAND		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
ME-XRF06	Whole Rock Package - XRF	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: **PARAGON MINERALS CORP**
ATTN: DAVID COPELAND
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 21-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123305

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
RNF19643		0.96	1.34	<0.5	1.88	33	20	<0.5	3	10.40	<0.5	18	22	68	7.37	<10
RNF19644		1.24	1.25	<0.5	0.16	6	10	<0.5	<2	0.38	<0.5	4	28	12	0.90	<10
RNF19645		0.95	0.01	<0.5	6.53	<5	370	0.6	<2	1.69	<0.5	3	8	17	0.91	20
RNF19646		0.54	0.04	<0.5	2.34	<5	30	<0.5	<2	4.99	<0.5	11	47	49	2.71	<10
RNF19647		0.75	0.11	<0.5	1.77	<5	10	<0.5	<2	3.90	<0.5	4	33	24	1.71	<10
RNF19648		0.64	0.04	0.5	2.20	24	20	<0.5	<2	6.60	<0.5	141	36	382	4.07	10
RNF19649		0.60	0.20	0.5	0.23	<5	<10	<0.5	2	2.05	<0.5	9	16	466	1.60	<10
RNF19650		0.78	0.01	<0.5	5.32	<5	70	0.6	<2	2.80	<0.5	7	16	47	1.23	10
RNF19651		0.71	2.74	1.4	0.03	<5	<10	<0.5	8	0.14	<0.5	265	<1	149	45.1	10
RNF19652		0.62	0.02	<0.5	7.42	<5	60	0.6	3	4.87	<0.5	36	18	219	10.55	20
RNF19653		0.66	0.77	<0.5	1.16	<5	30	<0.5	<2	2.54	<0.5	18	35	137	2.95	<10
RNF19654		0.88	0.01	<0.5	6.36	7	30	<0.5	<2	10.40	<0.5	27	215	145	5.63	10
RNF19655		0.61	<0.01	0.5	6.59	6	260	0.9	<2	2.05	<0.5	10	11	16	2.78	20
RNF19656		0.62	0.03	<0.5	5.29	<5	330	0.5	2	9.13	<0.5	5	2	16	3.29	10
RNF19657		0.71	0.11	2.1	1.22	188	50	<0.5	5	1.90	<0.5	100	<1	49	34.0	10
RNF19658		1.08	0.05	0.5	4.29	68	90	<0.5	3	5.38	0.5	36	9	58	14.30	10
RNF19659		0.74	<0.01	<0.5	0.03	5	10	<0.5	<2	0.08	<0.5	1	15	11	0.40	<10
RNF19660		0.75	0.34	<0.5	2.11	10	200	<0.5	<2	20.3	<0.5	11	48	86	1.93	<10
RNF19661		0.64	0.08	<0.5	0.13	<5	<10	<0.5	<2	0.67	<0.5	1	14	16	0.34	<10
RNF19662		0.66	1.04	0.8	1.31	15	140	<0.5	<2	4.59	0.6	10	51	71	1.47	<10
RNF19663		0.61	0.01	0.5	3.62	23	10	<0.5	6	0.31	<0.5	72	5	108	23.3	10
RNF19664		1.09	0.06	0.5	6.33	11	70	<0.5	<2	1.14	<0.5	42	11	107	7.06	10
RNF19665		1.23	44.0	1.8	0.38	26	10	<0.5	<2	0.19	1.1	70	35	3250	2.21	<10
RNF19666		0.75	0.28	<0.5	3.11	43	60	<0.5	<2	2.50	<0.5	43	127	735	5.36	10
RNF19667		1.70	0.13	1.1	6.08	13	230	0.6	5	1.71	<0.5	10	10	89	1.86	20
RNF19668		0.83	<0.01	<0.5	6.76	<5	290	0.7	<2	1.68	<0.5	3	8	33	1.43	20
RNF19669		1.23	<0.01	<0.5	0.22	<5	<10	<0.5	<2	0.02	<0.5	1	16	6	0.27	<10
RNF19670		0.41	0.58	<0.5	1.90	<5	10	<0.5	<2	0.24	<0.5	13	44	53	1.91	<10
RNF19671		0.57	<0.01	<0.5	0.66	<5	<10	<0.5	<2	0.02	<0.5	2	16	3	0.42	<10
RNF19672		1.08	1.55	<0.5	3.00	<5	30	<0.5	<2	4.18	<0.5	20	82	1555	3.67	10
RNF19673		0.69	0.84	10.1	0.29	<5	30	<0.5	<2	0.72	0.7	12	25	2690	1.10	<10
RNF19674		1.39	1.45	<0.5	5.86	<5	170	1.0	<2	3.71	<0.5	51	3	135	13.50	20
RNF19675		0.79	0.07	0.5	3.57	<5	10	<0.5	2	8.34	<0.5	32	8	411	10.70	10
RNF19676		0.48	<0.01	<0.5	7.53	<5	250	0.5	4	0.86	<0.5	13	8	14	2.50	20
RNF19677		0.76	<0.01	<0.5	6.63	5	220	0.5	<2	0.55	<0.5	12	9	4	2.85	20
RNF19678		0.29	<0.01	<0.5	2.59	5	20	<0.5	<2	2.63	<0.5	5	8	9	2.64	10
RNF19679		0.70	<0.01	<0.5	7.29	11	220	1.1	<2	1.16	<0.5	3	8	6	1.62	20
RNF19680		0.71	0.04	<0.5	6.67	42	300	0.9	<2	0.07	<0.5	8	9	24	2.58	10
RNF19681		0.41	62.8	<0.5	0.52	<5	<10	<0.5	<2	5.71	<0.5	4	9	<1	1.40	<10
RNF19682		0.96	0.02	<0.5	3.79	<5	90	<0.5	2	2.34	<0.5	4	14	18	2.65	10

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To: **PARAGON MINERALS CORP**
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ST. JOHN'S NL A1C 6H6

Finalized Date: 21-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123305

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
RNF19643		0.18	10	3.58	2930	<1	1.20	35	190	<2	1.89	<5	16	99	<20	0.08
RNF19644		0.01	<10	0.10	119	<1	0.03	4	10	<2	0.29	<5	1	3	<20	0.01
RNF19645		1.52	10	0.27	229	<1	2.68	5	200	<2	0.11	<5	2	143	<20	0.08
RNF19646		0.07	<10	1.09	669	<1	0.74	26	130	<2	0.42	<5	10	27	<20	0.18
RNF19647		0.02	<10	0.66	487	<1	0.78	13	90	<2	0.19	<5	6	22	<20	0.12
RNF19648		0.06	<10	1.35	941	<1	0.26	144	70	<2	1.20	<5	14	36	<20	0.11
RNF19649		<0.01	<10	0.13	142	<1	0.02	37	10	<2	1.11	<5	2	2	<20	0.01
RNF19650		0.35	10	0.21	315	<1	3.88	12	240	<2	0.25	<5	4	107	<20	0.08
RNF19651		<0.01	<10	0.02	173	<1	0.01	45	<10	<2	>10.0	<5	<1	<1	<20	<0.01
RNF19652		0.11	10	2.59	1635	<1	1.92	26	560	<2	0.96	<5	43	124	<20	0.87
RNF19653		0.09	<10	0.50	515	<1	0.27	9	90	<2	0.75	<5	8	22	<20	0.15
RNF19654		0.04	10	2.91	1375	<1	1.07	78	310	<2	0.20	<5	36	85	<20	0.41
RNF19655		0.75	10	0.47	313	<1	2.12	13	160	8	0.88	<5	3	198	<20	0.08
RNF19656		1.74	20	2.04	2880	<1	0.43	10	200	6	0.89	<5	2	147	<20	0.07
RNF19657		0.30	<10	0.13	332	1	0.14	30	40	31	>10.0	<5	<1	16	<20	0.01
RNF19658		0.99	10	1.56	1050	<1	0.33	29	180	5	>10.0	<5	3	32	<20	0.06
RNF19659		0.01	<10	0.01	34	<1	0.01	2	<10	<2	0.22	<5	<1	4	<20	<0.01
RNF19660		0.38	10	0.86	2070	<1	0.08	31	80	2	0.82	<5	18	85	<20	0.09
RNF19661		<0.01	<10	0.17	77	<1	0.01	3	40	<2	0.03	<5	1	2	<20	0.01
RNF19662		0.26	<10	0.46	446	<1	0.04	29	30	<2	0.63	<5	7	15	<20	0.07
RNF19663		0.02	<10	0.69	422	1	1.10	25	120	2	>10.0	<5	2	28	<20	0.06
RNF19664		0.64	<10	0.50	47	<1	1.35	51	210	2	6.59	<5	3	105	<20	0.04
RNF19665		0.07	<10	0.16	115	<1	0.02	32	10	<2	1.56	<5	2	3	<20	0.01
RNF19666		0.37	<10	2.31	835	<1	0.11	84	80	<2	1.49	<5	15	33	<20	0.05
RNF19667		1.35	10	0.33	199	28	2.17	25	170	7	0.44	<5	3	146	<20	0.10
RNF19668		1.70	10	0.36	188	1	2.11	10	210	5	0.24	<5	3	157	<20	0.13
RNF19669		0.01	<10	0.05	27	<1	0.03	3	10	<2	0.01	<5	1	2	<20	<0.01
RNF19670		0.03	<10	0.45	398	<1	0.16	22	160	<2	0.05	<5	12	15	<20	0.19
RNF19671		0.01	<10	0.17	30	<1	0.08	5	10	<2	<0.01	<5	1	31	<20	0.01
RNF19672		0.22	<10	2.89	792	<1	0.28	83	30	<2	0.16	<5	13	55	<20	0.02
RNF19673		0.04	<10	0.16	106	2	0.03	14	<10	<2	0.54	<5	1	2	<20	<0.01
RNF19674		2.16	10	1.64	2320	<1	0.08	3	820	4	6.89	<5	44	56	<20	1.14
RNF19675		0.14	10	3.52	2980	<1	0.21	33	500	<2	0.13	<5	18	79	<20	0.53
RNF19676		2.14	10	0.63	305	<1	0.86	32	400	4	0.03	<5	6	81	<20	0.31
RNF19677		1.78	<10	0.21	155	<1	0.37	9	330	4	1.77	<5	6	60	<20	0.27
RNF19678		0.11	<10	1.93	958	<1	0.12	3	160	<2	0.02	<5	2	23	<20	0.06
RNF19679		2.16	<10	0.52	219	<1	1.00	3	310	7	0.27	<5	6	71	<20	0.22
RNF19680		2.54	20	0.15	19	5	0.31	12	340	23	2.38	<5	5	49	<20	0.11
RNF19681		0.02	<10	1.25	619	<1	0.01	5	80	<2	0.06	<5	1	23	<20	0.02
RNF19682		0.55	<10	0.86	867	<1	0.50	10	150	4	0.01	<5	5	57	<20	0.05

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ST. JOHN'S NL A1C 6H6

Finalized Date: 21-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123305

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	Analyte	Tl	U	V	W	Zn	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO
	Units	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%
	LOR	10	10	1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
RNF19643		<10	10	58	<10	34										
RNF19644		<10	<10	7	<10	3										
RNF19645		<10	10	12	<10	14										
RNF19646		<10	<10	75	<10	33										
RNF19647		<10	<10	38	<10	21										
RNF19648		<10	<10	84	<10	36										
RNF19649		<10	<10	13	<10	7										
RNF19650		<10	10	40	<10	14										
RNF19651		<10	<10	4	<10	<2										
RNF19652		<10	<10	377	10	158										
RNF19653		<10	<10	64	<10	25										
RNF19654		<10	<10	179	<10	59										
RNF19655		<10	10	18	<10	18										
RNF19656		<10	<10	17	<10	44										
RNF19657		<10	<10	5	<10	151										
RNF19658		<10	<10	19	<10	134										
RNF19659		<10	<10	<1	<10	9										
RNF19660		<10	<10	55	<10	13										
RNF19661		<10	<10	4	<10	4										
RNF19662		<10	<10	34	<10	14										
RNF19663		<10	<10	20	<10	27										
RNF19664		<10	<10	43	<10	19										
RNF19665		<10	<10	11	<10	71										
RNF19666		<10	<10	82	<10	75										
RNF19667		<10	10	21	<10	54										
RNF19668		<10	10	25	<10	33	70.46	14.60	2.00	2.36	0.68	2.92	2.09	<0.01	0.25	0.02
RNF19669		<10	<10	10	<10	3										
RNF19670		<10	<10	103	<10	22										
RNF19671		<10	<10	15	<10	6										
RNF19672		<10	<10	81	<10	52										
RNF19673		<10	<10	11	<10	23										
RNF19674		<10	<10	215	30	51										
RNF19675		<10	<10	96	<10	90										
RNF19676		<10	10	36	<10	17	68.61	17.25	3.94	1.33	1.24	1.20	2.71	<0.01	0.60	0.05
RNF19677		<10	<10	33	<10	5	72.85	14.72	4.30	0.80	0.49	0.55	2.35	<0.01	0.50	0.02
RNF19678		<10	<10	11	<10	42										
RNF19679		<10	10	34	<10	6	71.55	15.69	2.40	1.72	1.03	1.44	2.80	<0.01	0.54	0.02
RNF19680		<10	<10	36	<10	15	74.44	13.89	3.69	0.08	0.38	0.44	3.24	<0.01	0.38	<0.01
RNF19681		<10	<10	6	<10	12										
RNF19682		<10	10	23	<10	28										

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ST. JOHN'S NL A1C 6H6

Finalized Date: 21-SEP-2010
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Project: ON402

CERTIFICATE OF ANALYSIS TB10123305

Sample Description	Method / Analyte / Units / LOR	ME-XRF06 P2O5 % 0.001	ME-XRF06 SrO % 0.01	ME-XRF06 BaO % 0.01	ME-XRF06 LOI % 0.01	ME-XRF06 Total % 0.01
RNF19643						
RNF19644						
RNF19645						
RNF19646						
RNF19647						
RNF19648						
RNF19649						
RNF19650						
RNF19651						
RNF19652						
RNF19653						
RNF19654						
RNF19655						
RNF19656						
RNF19657						
RNF19658						
RNF19659						
RNF19660						
RNF19661						
RNF19662						
RNF19663						
RNF19664						
RNF19665						
RNF19666						
RNF19667						
RNF19668		0.047	0.02	0.02	3.04	98.51
RNF19669						
RNF19670						
RNF19671						
RNF19672						
RNF19673						
RNF19674						
RNF19675						
RNF19676		0.088	0.02	0.02	1.67	98.73
RNF19677		0.080	0.02	0.02	3.09	99.79
RNF19678						
RNF19679		0.074	0.02	0.02	2.14	99.44
RNF19680		0.077	0.02	0.03	3.28	99.95
RNF19681						
RNF19682						

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CERTIFICATE OF ANALYSIS TB10123305

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
RNF19683		0.32	0.17	<0.5	1.00	8	40	<0.5	<2	7.27	<0.5	12	39	18	3.39	<10
RNF19684		0.45	<0.01	<0.5	7.87	8	130	<0.5	<2	4.01	<0.5	48	346	25	6.56	10
RNF19685		0.47	0.03	<0.5	7.39	<5	290	0.6	<2	6.09	<0.5	21	53	8	4.36	10
RNF19686		0.74	<0.01	<0.5	0.86	8	10	<0.5	<2	0.55	<0.5	5	17	2	1.02	<10
RNF19687		0.42	0.01	<0.5	0.84	5	40	<0.5	<2	2.85	<0.5	10	22	100	3.65	<10
RNF19688		0.55	<0.01	<0.5	1.34	<5	70	<0.5	<2	1.12	<0.5	7	21	17	1.23	<10
RNF19689		0.65	0.01	0.7	0.72	6	50	<0.5	<2	1.29	<0.5	15	37	167	1.25	<10
RNF19690		0.53	0.02	<0.5	6.25	26	280	0.7	2	1.48	<0.5	7	9	21	5.59	10
RNF19691		0.52	<0.01	<0.5	7.94	<5	320	1.1	2	0.35	<0.5	3	10	<1	0.77	20
RNF19692		0.48	<0.01	<0.5	5.31	7	450	1.4	<2	0.12	<0.5	2	10	2	0.77	20
RNF19693		0.54	0.25	<0.5	0.15	<5	<10	<0.5	<2	0.01	<0.5	1	18	<1	0.44	<10
RNF19694		1.03	0.11	2.4	0.35	<5	10	<0.5	<2	0.89	1.8	7	39	3870	0.86	<10
RNF19695		0.80	0.03	1.9	6.95	39	80	0.5	2	2.67	<0.5	26	8	7590	4.53	20
RNF19696		1.64	<0.01	<0.5	4.68	9	50	0.5	<2	4.63	<0.5	12	20	90	3.63	10
RNF19697		1.51	0.02	1.0	6.89	7	120	<0.5	<2	0.96	<0.5	13	17	1875	3.44	10
RNF19698		0.86	<0.01	0.6	6.86	<5	20	<0.5	2	3.06	<0.5	34	8	415	12.75	20
RNF19699		0.48	0.01	0.6	6.34	<5	110	<0.5	<2	2.47	<0.5	36	6	24	16.75	10
RNF19700		1.04	0.01	<0.5	4.85	<5	160	<0.5	2	1.98	<0.5	10	35	63	2.13	10

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CERTIFICATE OF ANALYSIS TB10123305

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
RNF19683		0.31	<10	2.92	1130	<1	0.03	30	10	<2	0.01	<5	7	69	<20	0.02
RNF19684		1.61	<10	4.61	1155	<1	1.09	175	230	<2	0.01	<5	32	64	<20	0.17
RNF19685		2.79	40	2.19	770	<1	0.44	59	1720	4	1.13	<5	13	102	<20	0.17
RNF19686		0.03	<10	0.19	259	<1	0.03	8	40	<2	<0.01	<5	3	22	<20	0.01
RNF19687		0.07	<10	0.66	2160	<1	0.07	13	100	<2	0.01	<5	8	41	<20	0.02
RNF19688		0.31	<10	0.48	293	<1	0.13	7	50	<2	0.02	<5	7	13	<20	0.04
RNF19689		0.14	<10	0.37	229	<1	0.07	89	40	<2	0.22	<5	3	14	<20	0.03
RNF19690		1.75	10	0.36	119	<1	0.85	10	140	13	4.72	<5	1	89	<20	0.08
RNF19691		2.38	10	0.11	100	<1	3.41	13	420	3	0.01	<5	4	115	<20	0.24
RNF19692		1.78	10	0.02	64	<1	3.82	<1	110	5	0.36	<5	<1	74	<20	0.05
RNF19693		0.01	<10	0.02	26	<1	0.02	<1	10	<2	0.01	<5	<1	5	<20	<0.01
RNF19694		0.02	<10	0.24	94	<1	0.07	24	20	<2	0.38	<5	1	6	<20	0.01
RNF19695		1.91	40	1.19	370	<1	0.43	24	780	<2	0.66	<5	7	122	<20	0.05
RNF19696		0.33	<10	1.67	1215	<1	0.40	27	240	2	0.05	<5	7	183	<20	0.17
RNF19697		1.07	10	0.46	532	<1	0.47	20	420	2	0.16	<5	7	134	<20	0.08
RNF19698		0.14	10	2.19	2140	<1	1.02	15	220	8	1.27	<5	9	114	<20	0.13
RNF19699		1.31	<10	1.42	4350	<1	0.20	28	210	3	0.01	5	13	40	<20	0.14
RNF19700		0.70	<10	1.11	425	<1	0.44	34	230	2	0.01	<5	8	84	<20	0.13

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To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 21-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123305

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06	ME-XRF06
	Analyte	Tl	U	V	W	Zn	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO
	Units	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%
	LOR	10	10	1	10	2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
RNF19683		<10	10	40	<10	21										
RNF19684		<10	10	190	<10	49	43.26	14.81	9.86	5.90	7.67	1.46	1.95	0.05	0.77	0.15
RNF19685		<10	<10	107	<10	27										
RNF19686		<10	<10	14	<10	14										
RNF19687		<10	<10	31	<10	25										
RNF19688		<10	<10	48	<10	11										
RNF19689		<10	<10	22	<10	43										
RNF19690		<10	10	11	<10	71										
RNF19691		<10	20	41	<10	5										
RNF19692		<10	20	3	<10	23	70.06	17.60	1.35	0.20	0.11	5.28	2.22	<0.01	0.14	<0.01
RNF19693		<10	<10	1	<10	9										
RNF19694		<10	<10	8	<10	33										
RNF19695		<10	<10	56	<10	29										
RNF19696		<10	10	68	<10	76										
RNF19697		<10	10	71	<10	46										
RNF19698		<10	10	38	<10	572										
RNF19699		<10	<10	57	<10	214	53.23	11.69	25.02	3.52	2.49	0.27	1.56	0.01	0.23	0.59
RNF19700		<10	<10	47	<10	39										

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CERTIFICATE OF ANALYSIS TB10123305

Sample Description	Method / Analyte / Units / LOR	ME-XRF06 P2O5 % 0.001	ME-XRF06 SrO % 0.01	ME-XRF06 BaO % 0.01	ME-XRF06 LOI % 0.01	ME-XRF06 Total % 0.01
RNF19683 RNF19684 RNF19685 RNF19686 RNF19687		0.053	0.01	0.02	12.30	98.26
RNF19688 RNF19689 RNF19690 RNF19691 RNF19692		0.038	0.02	0.06	1.60	98.68
RNF19693 RNF19694 RNF19695 RNF19696 RNF19697						
RNF19698 RNF19699 RNF19700		0.049	0.01	0.01	0.12	98.80

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Finalized Date: 22-SEP-2010
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CERTIFICATE TB10123304

Project: ON402

P.O. No.:

This report is for 53 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 1-SEP-2010.

The following have access to data associated with this certificate:

DAVID COPELAND		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: **PARAGON MINERALS CORP**
ATTN: DAVID COPELAND
140 WATER STREET, SUITE 605
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB10123304

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
RNF20744		0.85	0.01	<0.5	6.48	7	30	<0.5	2	3.28	<0.5	37	11	54	9.37	20
RNF20745		1.16	0.51	<0.5	0.38	19	20	<0.5	<2	0.04	<0.5	4	32	5	1.17	<10
RNF20746		1.45	1.38	<0.5	1.91	6	30	<0.5	<2	8.54	<0.5	13	85	8	2.89	<10
RNF20747		1.57	26.4	2.1	0.48	8	10	<0.5	<2	0.06	<0.5	1	27	1205	0.82	<10
RNF20748		0.57	0.01	<0.5	5.33	<5	60	<0.5	4	0.16	<0.5	33	81	32	25.2	10
RNF20749		1.11	0.01	<0.5	9.02	33	430	0.7	<2	1.87	<0.5	36	188	82	6.37	20
RNF20750		1.33	0.01	<0.5	7.67	13	140	0.5	<2	5.00	<0.5	24	71	13	5.07	20
RNF20751		1.65	0.01	<0.5	7.49	5	200	0.6	<2	6.77	<0.5	31	87	12	5.54	20
RNF20752		1.73	0.01	<0.5	6.51	6	230	0.5	<2	1.99	<0.5	11	11	16	2.11	20
RNF20753		2.51	<0.01	<0.5	4.63	5	10	<0.5	<2	2.20	2.8	14	9	19	9.57	10
RNF20754		1.52	<0.01	<0.5	7.00	<5	180	0.5	2	1.53	<0.5	7	8	19	4.76	20
RNF20755		1.43	<0.01	<0.5	7.09	5	20	<0.5	<2	5.65	<0.5	35	70	54	10.20	20
RNF20756		1.43	<0.01	<0.5	2.57	<5	50	<0.5	<2	14.3	<0.5	19	69	6	7.02	<10
RNF20757		1.64	<0.01	<0.5	5.98	<5	30	<0.5	2	2.73	<0.5	13	17	55	9.99	20
RNF20758		1.11	0.02	1.4	6.57	17	120	<0.5	2	1.07	12.9	38	56	271	13.90	20
RNF20759		1.62	0.01	1.7	7.59	5	40	<0.5	<2	1.34	1.1	57	112	401	16.60	20
RNF20760		0.76	<0.01	<0.5	7.74	10	50	0.5	<2	3.61	<0.5	53	280	35	9.12	20
RNF20761		0.96	<0.01	<0.5	9.04	7	240	0.6	<2	3.56	<0.5	40	202	89	8.14	20
RNF20762		2.28	0.01	<0.5	2.02	<5	30	0.6	<2	9.90	<0.5	13	9	33	5.60	10
RNF20763		1.79	<0.01	0.6	8.74	8	30	<0.5	<2	7.43	<0.5	42	96	117	8.54	20
RNF20764		1.03	<0.01	<0.5	7.49	7	150	<0.5	<2	0.51	<0.5	10	16	21	3.54	20
RNF20765		1.75	0.01	<0.5	6.49	33	10	<0.5	<2	0.08	<0.5	50	24	45	8.98	20
RNF20766		1.73	<0.01	<0.5	7.81	<5	210	0.6	<2	0.36	<0.5	11	7	4	5.79	20
RNF20767		1.94	<0.01	0.7	6.19	16	10	<0.5	<2	9.45	<0.5	38	6	81	10.30	20
RNF20768		1.04	<0.01	0.6	8.36	37	170	0.5	<2	3.55	<0.5	52	127	127	6.23	20
RNF20769		1.34	<0.01	<0.5	7.52	7	20	<0.5	<2	4.60	<0.5	47	91	129	12.70	20
RNF20770		1.82	0.02	<0.5	7.25	<5	80	0.5	<2	1.99	<0.5	19	12	7	5.10	20
RNF20771		1.21	<0.01	0.5	8.10	21	430	0.6	<2	2.25	<0.5	118	112	96	9.62	20
RNF20772		1.08	23.1	1.4	3.47	<5	260	<0.5	<2	0.16	<0.5	15	13	169	3.90	10
RNF20773		1.25	0.02	<0.5	7.89	<5	20	0.5	<2	6.26	<0.5	41	80	67	10.50	30
RNF20774		1.42	0.04	0.5	6.88	<5	20	0.5	<2	4.54	<0.5	40	20	94	12.85	20
RNF20775		0.68	<0.01	<0.5	7.29	5	250	1.1	<2	3.57	<0.5	5	7	2	2.37	20
RNF20776		1.74	0.02	0.7	7.82	<5	140	0.6	<2	1.99	<0.5	9	17	101	2.94	20
RNF20777		1.28	<0.01	<0.5	8.23	6	320	<0.5	<2	5.33	<0.5	44	192	116	7.84	20
RNF20778		1.42	<0.01	<0.5	8.61	<5	90	<0.5	<2	3.77	<0.5	44	117	113	7.73	20
RNF20779		1.24	0.06	0.6	8.59	<5	60	1.0	<2	8.17	<0.5	35	126	19	7.42	20
RNF20780		1.44	0.02	<0.5	7.95	5	90	<0.5	<2	4.48	<0.5	39	122	62	7.76	20
RNF20781		2.50	<0.01	<0.5	7.89	7	80	<0.5	<2	2.24	<0.5	43	6	176	13.30	30
RNF20782		1.67	<0.01	<0.5	7.62	6	620	0.8	<2	2.35	<0.5	12	70	20	2.79	20
RNF20783		1.28	0.01	<0.5	5.69	28	120	0.6	<2	1.45	<0.5	20	9	16	7.13	20

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ST. JOHN'S NL A1C 6H6

Finalized Date: 22-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123304

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
RNF20744		0.03	10	2.95	945	<1	1.38	46	1070	<2	0.17	<5	31	80	<20	0.67
RNF20745		0.12	<10	0.02	70	<1	0.03	8	20	<2	0.42	<5	<1	5	<20	0.01
RNF20746		0.23	10	1.99	973	<1	0.20	50	50	<2	0.18	<5	13	54	<20	0.06
RNF20747		0.13	<10	0.02	54	<1	0.05	4	10	<2	0.31	<5	<1	11	<20	0.01
RNF20748		0.02	10	2.50	6480	<1	<0.01	65	480	5	0.04	<5	14	8	<20	0.30
RNF20749		1.94	10	2.67	780	<1	1.34	138	750	<2	0.60	<5	18	169	<20	0.42
RNF20750		0.75	10	2.09	866	<1	1.82	87	570	2	0.29	<5	15	190	<20	0.31
RNF20751		1.84	10	3.02	1330	1	0.67	66	670	4	0.28	<5	16	206	<20	0.38
RNF20752		1.10	10	0.43	235	<1	2.74	16	420	4	0.92	<5	2	183	<20	0.14
RNF20753		0.03	10	1.03	1705	<1	0.35	23	170	5	1.16	<5	19	74	<20	0.09
RNF20754		1.35	10	1.03	873	<1	0.36	18	230	5	0.10	<5	9	90	<20	0.10
RNF20755		0.10	10	2.74	1775	<1	1.78	40	520	3	0.31	<5	46	179	<20	0.85
RNF20756		0.16	10	5.69	2690	<1	0.12	32	50	4	<0.01	<5	13	84	<20	0.11
RNF20757		0.24	10	2.36	1100	<1	0.33	28	210	<2	0.14	<5	12	91	<20	0.20
RNF20758		1.15	10	0.96	581	<1	0.71	52	270	13	8.81	<5	20	65	<20	0.22
RNF20759		0.64	10	1.89	1555	<1	0.80	90	220	9	6.83	5	21	22	<20	0.31
RNF20760		0.13	10	4.24	1080	<1	1.77	158	310	<2	0.26	<5	26	182	<20	0.59
RNF20761		0.81	10	4.04	1350	<1	1.81	140	640	<2	0.17	<5	19	206	<20	0.51
RNF20762		0.14	10	5.30	2110	<1	0.19	4	110	3	0.05	<5	5	63	<20	0.07
RNF20763		0.07	10	4.61	1965	<1	1.80	51	220	<2	0.01	<5	51	170	<20	0.47
RNF20764		1.24	10	0.23	559	2	0.39	7	270	<2	1.31	<5	6	195	<20	0.14
RNF20765		0.10	20	0.87	526	<1	0.17	24	390	2	3.49	6	16	50	<20	0.41
RNF20766		1.02	10	1.24	228	<1	0.88	6	270	<2	0.41	<5	4	274	<20	0.05
RNF20767		0.02	<10	2.65	1210	<1	0.06	51	300	<2	0.28	<5	46	1405	<20	1.26
RNF20768		1.19	10	1.33	1105	<1	0.52	76	540	<2	0.33	<5	38	156	<20	0.26
RNF20769		0.01	10	4.34	2420	<1	0.28	72	420	<2	0.07	<5	31	37	<20	0.31
RNF20770		0.81	10	1.48	703	<1	0.37	21	210	<2	0.06	<5	3	92	<20	0.05
RNF20771		1.21	10	1.75	917	<1	0.84	89	520	<2	2.71	<5	38	205	<20	0.16
RNF20772		1.06	10	0.34	186	<1	0.76	6	180	<2	0.44	<5	4	35	<20	0.09
RNF20773		0.02	10	2.39	2110	<1	0.68	61	590	<2	0.24	<5	44	300	<20	0.96
RNF20774		0.08	10	3.01	1810	<1	1.84	23	690	2	0.15	<5	47	124	<20	1.21
RNF20775		1.07	10	1.03	438	<1	1.02	2	490	<2	0.46	<5	3	244	<20	0.17
RNF20776		1.22	10	1.18	365	<1	2.22	14	410	<2	0.12	<5	7	123	<20	0.27
RNF20777		0.77	10	3.95	1375	<1	0.90	112	200	<2	0.04	<5	34	104	<20	0.41
RNF20778		0.30	10	2.21	1255	<1	3.86	87	460	<2	0.10	<5	39	185	<20	0.77
RNF20779		0.40	10	5.01	1720	<1	0.69	65	240	<2	0.03	<5	38	110	<20	0.67
RNF20780		0.19	10	4.48	957	<1	1.13	65	240	<2	0.03	<5	43	104	<20	0.40
RNF20781		1.25	10	2.46	946	<1	1.66	4	1120	2	1.11	<5	51	106	<20	1.45
RNF20782		1.09	10	0.54	241	<1	2.17	16	320	<2	1.41	<5	12	223	<20	0.12
RNF20783		0.84	20	1.09	275	<1	0.61	23	130	13	5.31	<5	2	66	<20	0.05

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CERTIFICATE OF ANALYSIS TB10123304

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
RNF20744		<10	<10	321	<10	80
RNF20745		<10	<10	4	<10	11
RNF20746		<10	<10	56	<10	27
RNF20747		<10	<10	4	<10	45
RNF20748		<10	<10	88	<10	121
RNF20749		<10	<10	166	<10	127
RNF20750		<10	<10	110	<10	82
RNF20751		<10	<10	113	<10	33
RNF20752		<10	10	14	<10	75
RNF20753		<10	<10	53	<10	1170
RNF20754		<10	<10	26	<10	100
RNF20755		<10	<10	345	<10	122
RNF20756		<10	<10	68	<10	80
RNF20757		<10	<10	58	<10	127
RNF20758		<10	<10	88	<10	5320
RNF20759		<10	<10	133	<10	4230
RNF20760		<10	<10	325	<10	103
RNF20761		<10	<10	159	<10	130
RNF20762		<10	<10	16	<10	85
RNF20763		<10	<10	282	<10	126
RNF20764		<10	<10	47	<10	14
RNF20765		<10	<10	174	<10	46
RNF20766		<10	<10	28	<10	71
RNF20767		<10	<10	813	<10	61
RNF20768		<10	<10	314	<10	245
RNF20769		<10	<10	226	<10	365
RNF20770		<10	<10	23	<10	53
RNF20771		<10	<10	276	<10	82
RNF20772		<10	<10	22	<10	10
RNF20773		<10	<10	392	<10	112
RNF20774		<10	<10	471	<10	138
RNF20775		<10	<10	25	<10	39
RNF20776		<10	<10	51	<10	43
RNF20777		<10	<10	223	<10	75
RNF20778		<10	10	334	<10	119
RNF20779		<10	<10	283	10	73
RNF20780		<10	<10	252	<10	85
RNF20781		<10	<10	357	<10	152
RNF20782		<10	10	62	<10	81
RNF20783		<10	<10	12	<10	27

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Project: ON402

CERTIFICATE OF ANALYSIS TB10123304

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
RNF20784		1.85	<0.01	0.9	3.71	5	20	<0.5	2	0.32	<0.5	55	3	1030	37.0	20
RNF20785		1.57	0.01	<0.5	6.55	41	90	<0.5	<2	3.43	<0.5	5	6	22	2.63	20
RNF20786		1.50	0.05	0.6	6.18	32	210	0.5	<2	1.55	<0.5	15	6	15	7.35	20
RNF20787		1.61	0.06	1.7	5.75	117	90	<0.5	<2	1.60	<0.5	29	12	34	11.35	20
RNF20788		1.61	<0.01	<0.5	6.58	<5	310	0.7	<2	1.99	<0.5	8	16	15	3.96	20
RNF20789		1.12	0.01	<0.5	2.53	5	120	<0.5	<2	0.07	<0.5	9	88	57	2.27	10
RNF20790		1.43	0.09	0.5	6.84	23	200	<0.5	<2	1.10	<0.5	13	8	20	6.14	20
RNF20791		1.20	0.01	0.6	7.11	<5	100	<0.5	<2	7.34	<0.5	38	109	125	8.35	20
RNF20792		1.68	0.01	<0.5	0.69	<5	30	<0.5	<2	19.1	<0.5	8	16	<1	6.77	<10
RNF20793		1.78	<0.01	0.6	3.66	<5	140	<0.5	<2	2.79	<0.5	12	57	17	2.59	10
RNF20794		1.23	<0.01	<0.5	1.86	<5	40	<0.5	<2	16.4	<0.5	11	3	<1	4.74	10
RNF20795		1.65	<0.01	0.5	9.37	21	110	0.5	4	1.99	<0.5	95	199	991	12.45	20
RNF20796		1.28	0.01	<0.5	5.79	<5	50	<0.5	<2	1.16	<0.5	25	15	4	6.92	20

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To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 22-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123304

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
RNF20784		0.16	10	0.74	180	<1	1.66	151	60	19	>10.0	<5	1	30	<20	0.04
RNF20785		1.15	20	1.86	1035	<1	0.82	4	170	4	0.61	<5	3	95	<20	0.07
RNF20786		1.96	20	0.37	344	<1	0.54	13	260	6	7.20	<5	2	52	<20	0.08
RNF20787		2.25	20	0.57	450	<1	0.26	36	220	9	>10.0	<5	3	26	<20	0.08
RNF20788		2.51	20	0.54	546	<1	0.62	16	250	3	2.08	<5	4	62	<20	0.12
RNF20789		0.67	10	0.39	89	2	0.12	18	50	<2	0.38	<5	8	13	<20	0.05
RNF20790		2.44	10	0.57	207	<1	0.59	16	230	2	5.07	<5	3	75	<20	0.09
RNF20791		0.41	10	3.39	1275	<1	0.38	62	310	2	0.44	<5	37	91	<20	0.51
RNF20792		0.17	<10	8.26	2940	<1	0.08	10	60	4	0.01	<5	9	126	<20	0.03
RNF20793		0.45	10	0.91	774	<1	0.73	53	580	<2	0.01	<5	7	83	<20	0.16
RNF20794		0.32	10	7.82	1860	<1	0.20	13	60	3	<0.01	<5	1	104	<20	0.02
RNF20795		1.37	<10	2.16	1135	1	0.23	136	510	11	0.31	<5	40	67	<20	0.20
RNF20796		0.11	<10	0.62	1455	<1	0.06	26	280	2	0.01	<5	27	14	<20	0.03

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ST. JOHN'S NL A1C 6H6

Finalized Date: 22-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123304

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
RNF20784		<10	10	6	<10	111
RNF20785		<10	<10	8	<10	50
RNF20786		<10	<10	12	<10	17
RNF20787		<10	<10	23	<10	44
RNF20788		<10	<10	25	<10	50
RNF20789		<10	<10	45	<10	42
RNF20790		<10	<10	18	<10	21
RNF20791		<10	<10	253	<10	101
RNF20792		<10	10	28	<10	27
RNF20793		<10	<10	46	<10	42
RNF20794		<10	<10	8	<10	57
RNF20795		<10	<10	358	<10	150
RNF20796		<10	<10	86	<10	89

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Finalized Date: 22-SEP-2010
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CERTIFICATE TB10123303

Project: ON402

P.O. No.:

This report is for 48 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 1-SEP-2010.

The following have access to data associated with this certificate:

DAVID COPELAND		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: **PARAGON MINERALS CORP**
ATTN: DAVID COPELAND
140 WATER STREET, SUITE 605
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TB10123303

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	Au-AA25 Au Check ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
RNF24736		0.62	0.01		0.5	0.12	13	20	<0.5	4	0.07	<0.5	<1	33	12	1.55
RNF24737		0.54	0.01		0.8	0.71	<5	20	<0.5	5	2.01	<0.5	1	30	36	0.54
RNF24738		0.60	0.02		<0.5	6.40	<5	140	<0.5	<2	3.15	<0.5	38	200	581	6.35
RNF24739		0.85	0.01		<0.5	5.79	5	160	<0.5	<2	8.82	<0.5	20	51	15	5.26
RNF24740		0.51	0.01		<0.5	6.47	<5	320	<0.5	<2	4.18	<0.5	17	41	67	3.08
RNF24741		1.03	0.01		<0.5	5.04	8	220	0.5	<2	9.18	<0.5	8	5	10	4.82
RNF24742		0.56	0.01		<0.5	5.27	15	240	0.5	<2	5.44	<0.5	8	5	6	4.59
RNF24743		0.93	0.12		2.4	0.76	169	50	<0.5	2	1.77	<0.5	75	2	34	35.4
RNF24744		0.83	<0.01		0.5	6.09	25	230	0.5	<2	1.87	<0.5	15	8	14	5.81
RNF24745		0.86	<0.01		<0.5	0.08	<5	<10	<0.5	<2	0.13	<0.5	<1	26	6	0.61
RNF24746		0.80	<0.01		0.8	8.33	8	450	<0.5	<2	4.25	<0.5	26	199	59	7.72
RNF24747		0.79	0.02		<0.5	8.63	6	590	1.1	<2	0.95	<0.5	5	10	1	1.74
RNF24748		0.62	0.01		<0.5	8.49	7	430	0.9	<2	0.64	<0.5	7	10	2	1.79
RNF24749		0.77	<0.01	0.01	<0.5	4.16	9	180	<0.5	<2	1.82	<0.5	2	16	1	0.81
RNF24750		0.73	0.33	0.21	<0.5	0.32	5	10	<0.5	<2	3.50	0.7	3	27	43	0.70
RNF24751		0.57	0.31	0.28	<0.5	1.41	7	90	<0.5	<2	20.0	<0.5	12	41	396	1.41
RNF24752		0.76	0.43		<0.5	6.61	81	340	<0.5	<2	10.35	<0.5	62	160	130	6.55
RNF24753		0.84	<0.01		<0.5	4.33	29	10	<0.5	<2	0.64	<0.5	123	6	418	23.1
RNF24754		0.59	<0.01		<0.5	6.17	12	110	0.6	<2	1.67	<0.5	2	41	9	1.06
RNF24755		0.61	<0.01		<0.5	1.29	6	30	<0.5	<2	1.32	<0.5	4	43	15	1.07
RNF24756		0.46	<0.01		<0.5	0.26	6	10	<0.5	<2	0.30	<0.5	9	38	47	1.24
RNF24757		2.01	<0.01		0.5	0.42	6	20	<0.5	<2	0.48	<0.5	8	33	64	1.04
RNF24758		1.03	0.01		<0.5	6.75	8	70	0.5	<2	1.21	<0.5	19	17	1490	5.31
RNF24759		0.61	<0.01		<0.5	2.55	9	20	<0.5	<2	4.30	<0.5	33	68	463	3.87
RNF24760		1.00	<0.01		<0.5	4.25	8	20	<0.5	<2	6.13	<0.5	38	63	50	7.40
RNF24761		Not Recvd														
RNF24762		Not Recvd														
RNF24763		Not Recvd														
RNF24764		Not Recvd														
RNF24765		Not Recvd														
RNF24766		Not Recvd														
RNF24767		Not Recvd														
RNF24768		Not Recvd														
RNF24769		Not Recvd														
RNF24770		Not Recvd														
RNF24771		Not Recvd														
RNF24772		Not Recvd														
RNF24773		Not Recvd														
RNF24774		Not Recvd														
RNF24775		Not Recvd														

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Finalized Date: 22-SEP-2010
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Project: ON402

CERTIFICATE OF ANALYSIS TB10123303

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
RNF24736		<10	0.04	<10	0.07	58	<1	0.01	<1	40	56	0.18	<5	<1	2	<20
RNF24737		<10	0.05	<10	0.15	117	<1	0.25	1	10	<2	0.01	<5	1	11	<20
RNF24738		10	0.28	<10	3.17	691	<1	1.11	97	160	<2	0.35	<5	21	58	<20
RNF24739		10	1.19	<10	2.87	1665	<1	0.51	26	180	<2	0.02	<5	32	39	<20
RNF24740		20	1.14	10	1.43	695	1	1.09	29	200	3	0.38	<5	18	113	<20
RNF24741		10	1.35	10	0.54	2220	<1	0.85	13	190	2	4.09	<5	2	158	<20
RNF24742		10	1.74	20	2.01	2370	<1	0.42	13	170	2	3.64	<5	2	101	<20
RNF24743		10	0.24	<10	0.31	460	2	0.06	37	30	44	>10.0	5	<1	12	<20
RNF24744		20	1.54	10	0.27	300	2	0.73	21	260	9	5.89	<5	2	81	<20
RNF24745		<10	0.02	<10	0.02	55	<1	0.01	<1	<10	<2	0.06	<5	<1	3	<20
RNF24746		20	2.12	<10	3.90	707	<1	0.51	60	150	2	0.19	<5	34	19	<20
RNF24747		20	3.18	10	0.24	162	<1	2.17	6	270	<2	0.58	<5	6	67	<20
RNF24748		20	2.49	<10	0.26	150	<1	2.80	7	190	<2	0.55	<5	4	69	<20
RNF24749		10	0.94	<10	0.10	233	<1	1.75	<1	270	<2	0.13	<5	3	60	<20
RNF24750		<10	0.03	<10	0.26	329	<1	0.01	8	20	<2	0.18	<5	1	10	<20
RNF24751		<10	0.16	10	0.60	1910	<1	0.07	26	70	<2	0.51	<5	21	84	<20
RNF24752		10	1.47	10	2.03	1170	<1	0.20	145	120	<2	4.25	<5	24	57	<20
RNF24753		20	0.02	<10	1.11	721	1	0.28	45	140	9	>10.0	<5	2	44	<20
RNF24754		10	0.55	20	0.15	390	<1	3.92	6	230	<2	0.26	<5	2	90	<20
RNF24755		<10	0.06	<10	0.43	244	<1	0.38	22	140	<2	0.04	<5	2	45	<20
RNF24756		<10	0.04	<10	0.06	256	<1	0.08	19	160	<2	0.13	<5	1	13	<20
RNF24757		<10	0.09	<10	0.05	119	<1	0.08	17	670	3	0.29	<5	1	20	<20
RNF24758		20	0.65	10	0.62	771	<1	0.25	23	250	<2	0.12	<5	6	44	<20
RNF24759		10	0.17	<10	1.65	1600	<1	0.22	73	120	<2	0.31	<5	22	59	<20
RNF24760		10	0.16	<10	2.18	1555	<1	0.19	46	170	<2	0.93	<5	24	63	<20
RNF24761																
RNF24762																
RNF24763																
RNF24764																
RNF24765																
RNF24766																
RNF24767																
RNF24768																
RNF24769																
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Finalized Date: 22-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123303

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
RNF24736		<0.01	<10	<10	4	<10	29
RNF24737		0.04	<10	<10	5	<10	<2
RNF24738		0.31	<10	<10	160	<10	60
RNF24739		0.33	<10	<10	221	<10	56
RNF24740		0.25	<10	<10	128	<10	78
RNF24741		0.07	<10	<10	12	<10	44
RNF24742		0.07	<10	<10	14	<10	38
RNF24743		0.01	<10	<10	3	<10	59
RNF24744		0.07	<10	<10	10	<10	27
RNF24745		<0.01	<10	<10	2	<10	3
RNF24746		0.27	<10	<10	302	<10	179
RNF24747		0.12	<10	<10	94	<10	11
RNF24748		0.12	<10	10	88	<10	13
RNF24749		0.06	<10	<10	41	<10	5
RNF24750		0.01	<10	<10	8	<10	7
RNF24751		0.07	<10	<10	38	<10	10
RNF24752		0.32	<10	<10	167	<10	32
RNF24753		0.07	<10	<10	14	<10	51
RNF24754		0.10	<10	10	11	<10	25
RNF24755		0.06	<10	<10	17	<10	19
RNF24756		0.01	<10	<10	3	<10	21
RNF24757		0.02	<10	<10	5	<10	28
RNF24758		0.07	<10	<10	45	<10	58
RNF24759		0.08	<10	<10	91	<10	42
RNF24760		0.27	<10	<10	155	<10	119
RNF24761							
RNF24762							
RNF24763							
RNF24764							
RNF24765							
RNF24766							
RNF24767							
RNF24768							
RNF24769							
RNF24770							
RNF24771							
RNF24772							
RNF24773							
RNF24774							
RNF24775							

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CERTIFICATE OF ANALYSIS TB10123303

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	Au-AA25 Au Check ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
RNF24776		Not Recvd														
RNF24777		Not Recvd														
RNF24778		Not Recvd														
RNF24779		Not Recvd														
RNF24780		Not Recvd														
RNF24781		Not Recvd														
RNF24782		Not Recvd														
RNF24783		Not Recvd														

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CERTIFICATE OF ANALYSIS TB10123303

Sample Description	Method Analyte Units LOR	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
RNF24776																
RNF24777																
RNF24778																
RNF24779																
RNF24780																
RNF24781																
RNF24782																
RNF24783																

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2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 22-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123303

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
RNF24776							
RNF24777							
RNF24778							
RNF24779							
RNF24780							
RNF24781							
RNF24782							
RNF24783							

ALS Canada Ltd.
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To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 20-SEP-2010
Account: PARMIN

CERTIFICATE TB10123302

Project: ON402

P.O. No.:

This report is for 100 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 1-SEP-2010.

The following have access to data associated with this certificate:

DAVID COPELAND		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
DRY-21	High Temperature Drying
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: **PARAGON MINERALS CORP**
ATTN: DAVID COPELAND
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 20-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123302

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	Au-AA25 Au Check ppm 0.01	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1
RNF25701		0.89	0.01			<0.5	0.10	11	10	<0.5	<2	0.21	<0.5	1	21	2
RNF25702		1.12	0.01			<0.5	5.34	10	260	0.5	<2	0.18	<0.5	1	19	34
RNF25703		0.80	0.02			<0.5	7.54	9	220	0.6	<2	1.59	<0.5	7	9	3
RNF25704		1.90	0.03			<0.5	5.60	13	190	0.5	3	0.35	<0.5	4	11	10
RNF25705		0.89	3.83	4.71		<0.5	5.37	65	230	<0.5	<2	1.17	<0.5	10	45	5
RNF25706		0.61	1.29	1.35		<0.5	6.34	57	380	<0.5	<2	0.66	<0.5	11	29	27
RNF25707		0.92	1.91	1.67		<0.5	0.66	8	20	<0.5	<2	0.53	<0.5	3	30	95
RNF25708		0.91	0.57	0.47		<0.5	0.36	12	10	<0.5	<2	0.94	<0.5	2	19	24
RNF25709		0.84	0.01			<0.5	0.06	<5	<10	<0.5	2	2.41	<0.5	1	22	<1
RNF25710		1.28	0.01			<0.5	0.06	<5	<10	<0.5	3	0.07	<0.5	2	22	105
RNF25711		1.10	0.01			<0.5	1.88	5	10	<0.5	<2	1.90	<0.5	22	51	89
RNF25712		1.28	0.01			<0.5	1.39	<5	50	<0.5	2	1.25	<0.5	16	56	111
RNF25713		1.03	0.01			0.5	0.56	6	20	<0.5	<2	0.54	<0.5	6	23	44
RNF25714		0.99	0.07			0.5	0.20	7	10	<0.5	<2	13.5	<0.5	11	7	10
RNF25715		0.84	0.01			<0.5	0.98	6	50	<0.5	<2	12.05	<0.5	11	29	<1
RNF25716		0.89	0.01			<0.5	0.37	6	10	<0.5	<2	18.3	<0.5	12	6	<1
RNF25717		0.52	0.01			<0.5	0.23	<5	10	<0.5	<2	17.2	<0.5	8	4	<1
RNF25718		0.87	0.02			<0.5	0.63	7	10	<0.5	<2	15.6	<0.5	11	11	<1
RNF25719		0.80	0.03			<0.5	5.17	5	120	<0.5	<2	11.25	<0.5	33	96	173
RNF25720		1.02	0.01			<0.5	1.47	<5	100	<0.5	<2	1.20	<0.5	10	23	134
RNF25721		1.04	<0.01			<0.5	5.39	7	70	<0.5	<2	2.68	<0.5	13	12	33
RNF25722		0.64	0.01			<0.5	0.21	5	<10	0.5	<2	18.3	<0.5	9	4	<1
RNF25723		0.85	0.01			<0.5	6.07	7	280	0.8	3	1.13	<0.5	7	4	9
RNF25724		1.08	0.03			<0.5	4.66	<5	10	<0.5	2	0.86	<0.5	5	14	24
RNF25725		1.36	<0.01			<0.5	0.49	8	<10	<0.5	<2	18.0	<0.5	13	8	<1
RNF25726		1.37	<0.01			<0.5	2.60	<5	120	<0.5	<2	14.2	<0.5	11	82	10
RNF25727		0.77	<0.01			0.6	1.40	<5	30	<0.5	<2	2.19	<0.5	12	41	75
RNF25728		0.66	<0.01			<0.5	5.09	5	210	<0.5	<2	5.17	<0.5	32	116	156
RNF25729		0.62	<0.01			<0.5	0.85	7	10	<0.5	2	2.00	<0.5	4	16	<1
RNF25730		0.90	0.01			<0.5	3.20	19	90	<0.5	<2	4.38	<0.5	13	66	55
RNF25731		1.09	<0.01			<0.5	1.31	<5	<10	<0.5	2	0.21	<0.5	9	18	1
RNF25732		0.70	0.01			<0.5	2.35	6	60	<0.5	<2	16.8	<0.5	16	25	32
RNF25733		0.71	0.01			<0.5	7.54	9	20	<0.5	<2	4.88	<0.5	45	94	141
RNF25734		0.91	0.01			<0.5	7.79	<5	20	<0.5	<2	6.83	<0.5	40	87	229
RNF25735		0.65	0.02			<0.5	7.29	<5	20	<0.5	<2	5.57	0.5	41	81	125
RNF25736		0.94	0.01			<0.5	2.31	<5	10	<0.5	3	7.68	<0.5	9	25	25
RNF25737		0.98	0.04			0.5	6.66	19	270	0.6	<2	0.36	<0.5	3	9	4
RNF25738		0.79	0.03			<0.5	6.63	11	260	0.6	4	0.69	<0.5	5	8	9
RNF25739		0.69	0.01			<0.5	6.74	6	250	0.5	<2	1.59	<0.5	9	12	148
RNF25740		1.47	0.07			<0.5	6.26	24	150	0.5	3	0.44	<0.5	12	14	12

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140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 20-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123302

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
RNF25701		0.40	<10	0.03	<10	0.02	72	<1	0.03	<1	<10	<2	0.01	<5	<1	8
RNF25702		0.58	10	1.90	<10	0.12	119	<1	0.32	1	100	2	0.01	<5	2	45
RNF25703		1.73	20	1.43	<10	0.82	278	1	1.34	12	190	<2	0.25	<5	3	118
RNF25704		1.15	20	1.76	<10	0.14	41	2	0.32	4	210	<2	0.39	<5	2	63
RNF25705		4.44	10	1.92	<10	0.88	389	1	0.25	18	270	<2	0.62	<5	9	89
RNF25706		4.07	20	2.09	<10	0.82	265	<1	0.55	30	280	5	1.56	<5	11	120
RNF25707		0.68	<10	0.12	<10	0.19	145	1	0.09	2	60	<2	0.02	<5	1	17
RNF25708		0.86	<10	0.08	<10	0.23	213	<1	0.04	4	10	<2	0.12	<5	1	12
RNF25709		0.31	<10	0.01	<10	0.03	353	<1	0.01	<1	<10	<2	<0.01	<5	1	12
RNF25710		0.28	<10	0.01	<10	0.02	33	<1	0.01	<1	<10	<2	0.01	<5	<1	5
RNF25711		2.12	<10	0.07	<10	0.65	409	1	0.50	16	70	<2	0.24	<5	7	42
RNF25712		1.95	<10	0.34	<10	0.55	471	1	0.17	21	30	<2	0.15	<5	7	12
RNF25713		0.59	<10	0.10	<10	0.07	121	<1	0.18	7	20	<2	0.06	<5	1	12
RNF25714		7.34	<10	0.02	<10	5.43	3260	1	0.02	12	30	3	<0.01	<5	2	82
RNF25715		5.55	<10	0.28	<10	4.65	2180	2	0.06	15	130	4	0.01	<5	5	126
RNF25716		5.43	<10	0.05	<10	8.68	2390	1	0.04	15	60	2	<0.01	<5	3	140
RNF25717		3.27	<10	0.03	<10	8.94	1115	1	0.03	7	20	5	<0.01	<5	2	129
RNF25718		4.16	10	0.05	<10	7.64	1460	<1	0.07	15	100	<2	<0.01	<5	3	129
RNF25719		8.07	10	0.71	<10	4.67	2410	<1	0.55	62	190	3	0.08	<5	27	133
RNF25720		1.99	<10	0.28	<10	0.54	313	<1	0.04	14	30	<2	0.01	<5	6	28
RNF25721		5.06	10	0.50	10	1.66	1145	<1	0.56	22	220	<2	0.13	<5	11	54
RNF25722		4.98	<10	0.01	<10	8.82	1780	<1	0.02	10	50	<2	<0.01	<5	3	101
RNF25723		2.97	20	1.22	10	0.47	719	<1	0.91	3	240	2	0.65	<5	1	171
RNF25724		4.89	20	0.09	<10	0.83	1360	1	0.09	2	150	<2	0.12	<5	5	26
RNF25725		5.00	<10	0.01	<10	8.85	2380	<1	0.03	19	60	<2	0.10	<5	9	60
RNF25726		6.14	10	0.65	<10	6.20	2470	1	0.15	14	100	<2	<0.01	<5	12	63
RNF25727		2.47	<10	0.07	<10	1.17	472	<1	0.18	13	390	<2	0.05	<5	12	15
RNF25728		5.07	10	0.42	<10	2.39	989	<1	0.84	45	160	6	0.21	<5	29	66
RNF25729		1.31	<10	0.09	<10	0.71	242	<1	0.01	5	80	<2	0.04	<5	2	13
RNF25730		3.06	10	0.55	<10	2.08	853	<1	0.55	51	210	2	0.16	<5	7	92
RNF25731		1.50	10	0.03	<10	0.33	196	<1	0.10	5	<10	<2	<0.01	<5	11	18
RNF25732		4.52	10	0.30	<10	4.67	1990	4	0.51	30	220	5	0.57	<5	5	264
RNF25733		7.73	20	0.05	<10	4.36	1295	<1	2.43	61	270	<2	1.08	<5	39	76
RNF25734		8.61	20	0.05	<10	4.33	1540	<1	1.86	46	320	5	1.09	<5	38	101
RNF25735		8.30	20	0.02	<10	3.95	1305	<1	1.55	45	280	<2	0.37	<5	39	77
RNF25736		1.74	10	0.04	<10	0.87	599	<1	0.30	12	80	<2	0.01	<5	8	40
RNF25737		3.10	20	1.37	10	0.40	112	<1	3.30	2	190	6	1.32	<5	2	144
RNF25738		2.41	20	1.34	10	0.37	190	<1	3.13	7	180	2	0.99	<5	2	133
RNF25739		2.71	20	1.27	10	0.43	225	<1	3.06	7	200	<2	1.15	<5	2	93
RNF25740		6.86	20	0.80	10	0.53	208	<1	3.23	9	180	3	5.42	<5	2	43

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140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 20-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123302

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
RNF25701		<20	0.01	<10	<10	2	<10	<2
RNF25702		<20	0.06	<10	10	25	<10	5
RNF25703		<20	0.06	<10	<10	20	<10	18
RNF25704		<20	0.06	<10	<10	18	<10	4
RNF25705		<20	0.13	<10	<10	74	<10	35
RNF25706		<20	0.09	<10	<10	111	<10	82
RNF25707		<20	0.02	<10	<10	9	<10	13
RNF25708		<20	0.01	<10	<10	5	<10	12
RNF25709		<20	<0.01	<10	<10	2	<10	<2
RNF25710		<20	<0.01	<10	<10	1	<10	<2
RNF25711		<20	0.04	<10	<10	46	<10	19
RNF25712		<20	0.04	<10	<10	41	<10	13
RNF25713		<20	0.01	<10	<10	9	<10	2
RNF25714		<20	<0.01	<10	<10	15	<10	62
RNF25715		<20	0.05	<10	<10	41	<10	42
RNF25716		<20	0.01	<10	<10	19	<10	35
RNF25717		<20	<0.01	<10	<10	12	<10	30
RNF25718		<20	0.01	<10	<10	29	<10	36
RNF25719		<20	0.10	<10	<10	161	<10	73
RNF25720		<20	0.05	<10	<10	53	<10	21
RNF25721		<20	0.06	10	<10	44	<10	141
RNF25722		<20	<0.01	<10	<10	17	<10	36
RNF25723		<20	0.08	<10	<10	6	<10	15
RNF25724		<20	0.09	<10	<10	23	<10	30
RNF25725		<20	0.01	<10	<10	40	<10	24
RNF25726		<20	0.14	<10	<10	80	<10	35
RNF25727		<20	0.09	<10	<10	54	<10	31
RNF25728		<20	0.31	<10	<10	204	<10	76
RNF25729		<20	0.02	<10	<10	16	<10	9
RNF25730		<20	0.03	<10	<10	45	<10	24
RNF25731		<20	0.01	<10	<10	66	<10	14
RNF25732		<20	0.09	<10	<10	35	<10	58
RNF25733		<20	0.49	<10	10	261	<10	80
RNF25734		<20	0.53	<10	<10	267	<10	77
RNF25735		<20	0.48	<10	<10	258	<10	73
RNF25736		<20	0.08	<10	<10	110	<10	17
RNF25737		<20	0.08	<10	10	15	<10	26
RNF25738		<20	0.08	<10	10	12	<10	32
RNF25739		<20	0.09	<10	10	12	<10	40
RNF25740		<20	0.10	<10	10	13	<10	24

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Finalized Date: 20-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123302

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	Au-AA25 Au Check ppm 0.01	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1
RNF25741		0.72	0.06			0.5	5.72	13	150	<0.5	<2	0.32	<0.5	5	11	5
RNF25742		0.46	0.03			<0.5	8.56	6	20	<0.5	<2	3.19	<0.5	47	232	140
RNF25743		0.83	0.02			0.8	6.00	7	10	<0.5	3	8.53	<0.5	12	162	230
RNF25744		0.73	0.01			<0.5	8.06	6	20	<0.5	<2	9.77	<0.5	21	141	101
RNF25745		0.65	0.01			0.5	7.62	21	30	0.5	<2	3.34	<0.5	36	50	254
RNF25746		0.38	0.14			4.7	1.09	10	<10	<0.5	<2	0.93	1.4	40	29	7070
RNF25747		0.65	0.01			<0.5	6.52	8	340	0.6	2	0.47	<0.5	10	13	207
RNF25748		0.43	0.82			0.5	5.96	61	380	0.5	<2	0.72	<0.5	25	10	83
RNF25749		1.04	0.61			<0.5	6.72	23	410	0.7	3	2.74	<0.5	5	11	9
RNF25750		0.87	>100		169.0	0.7	0.64	<5	<10	<0.5	3	0.87	<0.5	5	35	519
RNF25751		0.67	0.11			<0.5	0.21	<5	10	<0.5	2	0.09	<0.5	<1	15	4
RNF25752		0.91	0.06			0.5	6.56	18	150	<0.5	3	0.31	<0.5	50	193	89
RNF25753		0.80	0.01			<0.5	1.27	<5	100	<0.5	<2	0.27	<0.5	5	37	3
RNF25754		0.84	0.01			0.6	5.83	<5	160	<0.5	<2	0.54	<0.5	15	93	41
RNF25755		0.80	0.94			0.5	11.60	8	160	0.7	<2	2.72	<0.5	31	113	171
RNF25756		1.09	0.01			<0.5	6.29	40	130	<0.5	<2	6.72	<0.5	45	239	78
RNF25757		1.02	0.01			0.5	7.84	6	260	0.6	<2	2.10	<0.5	41	195	206
RNF25758		0.94	0.02			<0.5	0.41	8	10	<0.5	4	0.45	<0.5	7	47	79
RNF25759		1.02	0.02			1.3	2.71	17	150	<0.5	2	0.19	<0.5	48	93	36
RNF25760		1.09	0.04			<0.5	10.00	5	300	0.8	<2	6.19	<0.5	85	255	226
RNF25761		0.96	0.01			<0.5	0.36	<5	10	<0.5	<2	18.8	<0.5	8	4	<1
RNF25762		0.96	<0.01			<0.5	0.04	5	<10	<0.5	3	0.12	<0.5	<1	21	<1
RNF25763		1.16	0.01			<0.5	4.61	5	140	0.5	<2	1.03	<0.5	7	24	<1
RNF25764		0.92	0.05			0.5	4.01	<5	160	<0.5	<2	0.94	<0.5	3	17	74
RNF25765		1.23	0.01			<0.5	1.80	15	80	<0.5	3	0.48	<0.5	14	19	13
RNF25766		0.96	0.01			<0.5	7.22	8	40	<0.5	<2	0.10	<0.5	23	63	19
RNF25767		1.04	6.22			<0.5	2.83	7	60	<0.5	<2	5.55	<0.5	10	9	47
RNF25768		1.13	0.03			<0.5	6.90	36	180	0.7	3	3.14	<0.5	11	9	30
RNF25769		1.30	0.14			<0.5	2.45	11	10	<0.5	<2	8.05	<0.5	6	7	<1
RNF25770		0.95	1.65			1.7	6.50	452	140	0.6	<2	0.77	0.7	63	96	119
RNF25771		1.16	0.01			<0.5	0.13	<5	<10	0.5	<2	20.0	<0.5	4	2	1
RNF25772		1.13	0.03			1.3	9.42	<5	170	0.5	<2	5.87	<0.5	52	114	743
RNF25773		1.44	0.04			0.8	4.88	13	90	1.1	5	10.05	<0.5	25	6	61
RNF25774		0.74	0.01			<0.5	1.96	6	90	<0.5	<2	2.49	<0.5	7	41	1
RNF25775		1.05	0.01			<0.5	5.38	14	230	0.6	<2	0.95	<0.5	5	6	8
RNF25776		1.04	0.01			<0.5	6.67	<5	430	0.6	<2	0.85	<0.5	3	5	4
RNF25777		0.82	0.01			0.5	0.09	6	10	<0.5	3	0.02	<0.5	20	19	36
RNF25778		0.70	0.02			<0.5	6.15	<5	10	<0.5	<2	4.31	<0.5	56	165	20
RNF25779		0.98	<0.01			<0.5	7.17	<5	360	0.7	<2	1.58	<0.5	11	12	11
RNF25780		1.01	0.04			<0.5	0.13	<5	10	<0.5	4	0.09	<0.5	<1	28	<1

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To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 20-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123302

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
RNF25741		2.55	10	0.63	<10	0.20	92	<1	3.53	6	100	5	1.92	<5	2	61
RNF25742		6.05	20	0.07	<10	2.38	874	<1	3.22	137	290	<2	0.22	<5	44	111
RNF25743		3.68	20	0.02	<10	0.25	690	<1	0.03	59	180	2	0.07	<5	33	190
RNF25744		3.44	20	0.09	<10	0.77	1100	<1	2.14	65	190	<2	0.15	<5	34	145
RNF25745		10.15	20	0.02	10	3.14	1255	<1	1.54	28	1030	3	1.67	<5	39	183
RNF25746		2.45	<10	<0.01	<10	0.26	194	<1	0.03	29	40	<2	0.90	<5	4	45
RNF25747		1.36	20	1.45	10	0.43	232	<1	2.84	8	160	<2	0.03	<5	4	54
RNF25748		4.19	20	1.51	<10	0.50	157	<1	2.06	8	190	<2	2.54	<5	4	89
RNF25749		1.65	20	2.04	<10	0.45	230	1	1.82	4	280	<2	0.36	<5	4	141
RNF25750		0.88	<10	0.02	<10	0.43	160	<1	0.07	15	<10	<2	0.12	<5	1	18
RNF25751		0.37	<10	0.05	<10	0.01	71	<1	0.08	<1	10	<2	0.03	<5	<1	3
RNF25752		4.47	20	1.90	<10	0.21	30	<1	0.53	55	30	<2	3.84	6	6	60
RNF25753		1.10	<10	0.16	<10	0.34	300	<1	0.30	9	140	<2	0.01	<5	3	21
RNF25754		2.68	20	0.73	<10	0.72	234	<1	0.58	56	130	<2	0.01	<5	15	77
RNF25755		5.92	30	1.74	10	1.03	707	<1	1.59	76	870	2	1.26	<5	21	250
RNF25756		7.15	10	1.53	<10	3.66	1280	<1	0.40	90	50	<2	1.50	<5	28	92
RNF25757		4.71	20	1.08	<10	1.45	515	<1	2.40	59	430	<2	0.47	<5	36	202
RNF25758		0.99	<10	0.05	<10	0.18	117	<1	0.04	4	20	<2	0.18	<5	2	2
RNF25759		2.84	<10	0.86	<10	0.42	309	<1	0.13	24	100	<2	0.85	<5	11	11
RNF25760		10.00	20	1.90	<10	2.90	1770	<1	1.08	135	370	6	0.77	<5	51	279
RNF25761		5.71	<10	0.05	<10	8.64	2460	<1	0.04	4	150	6	0.01	<5	2	132
RNF25762		0.40	<10	0.01	<10	0.03	74	<1	0.01	<1	<10	<2	<0.01	<5	<1	1
RNF25763		1.65	10	0.86	10	0.31	305	<1	0.83	8	280	<2	0.08	<5	7	83
RNF25764		2.12	10	0.79	<10	0.31	206	<1	0.73	<1	110	6	0.15	<5	3	83
RNF25765		3.07	10	0.25	<10	0.37	185	<1	0.22	<1	100	<2	1.32	<5	2	39
RNF25766		1.96	20	0.48	10	0.03	24	1	0.87	19	210	<2	1.36	6	4	57
RNF25767		6.40	10	0.53	10	3.11	1135	3	0.08	15	160	<2	1.08	<5	3	16
RNF25768		3.13	20	1.74	10	1.94	553	<1	0.63	13	400	5	1.17	<5	6	67
RNF25769		3.96	10	0.15	10	3.83	1095	<1	0.03	5	70	<2	0.02	<5	2	23
RNF25770		10.60	20	1.84	<10	1.63	514	<1	0.34	58	200	43	6.85	<5	23	55
RNF25771		4.91	<10	0.01	<10	10.10	2010	1	0.01	<1	40	4	0.05	<5	5	90
RNF25772		11.15	20	0.79	<10	2.24	1385	<1	1.49	62	530	4	1.29	<5	41	159
RNF25773		10.50	10	0.63	<10	5.51	2070	<1	0.13	10	260	6	2.59	<5	19	165
RNF25774		1.91	<10	0.50	<10	1.13	512	<1	0.22	28	110	<2	0.05	<5	6	47
RNF25775		3.17	10	1.48	<10	0.26	65	<1	0.70	1	170	7	1.99	<5	2	76
RNF25776		2.25	20	2.32	10	0.56	254	<1	0.61	<1	210	2	0.22	<5	2	59
RNF25777		0.68	<10	0.04	<10	0.01	33	<1	0.01	1	10	<2	0.38	<5	<1	1
RNF25778		6.04	10	0.10	<10	2.01	903	<1	0.82	90	170	<2	0.54	<5	32	66
RNF25779		1.76	20	1.53	10	0.35	180	<1	2.57	12	340	5	0.59	<5	2	168
RNF25780		0.37	<10	0.04	<10	0.04	51	<1	0.02	<1	10	<2	0.01	<5	<1	4

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140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 20-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123302

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
RNF25741		<20	0.08	<10	10	10	<10	23
RNF25742		<20	0.24	<10	10	299	<10	77
RNF25743		<20	0.39	<10	<10	194	<10	18
RNF25744		<20	0.40	<10	10	227	<10	27
RNF25745		<20	1.27	<10	<10	429	<10	116
RNF25746		<20	0.01	<10	<10	43	<10	28
RNF25747		<20	0.10	<10	10	26	<10	18
RNF25748		<20	0.11	<10	<10	25	<10	18
RNF25749		<20	0.11	<10	<10	27	<10	5
RNF25750		<20	0.02	<10	<10	24	<10	5
RNF25751		<20	<0.01	<10	<10	4	<10	<2
RNF25752		<20	0.10	<10	<10	149	<10	5
RNF25753		<20	0.06	<10	<10	25	<10	4
RNF25754		<20	0.27	<10	<10	99	<10	113
RNF25755		<20	0.38	<10	<10	161	<10	47
RNF25756		<20	0.16	<10	<10	174	<10	52
RNF25757		<20	0.25	<10	<10	200	<10	44
RNF25758		<20	0.01	<10	<10	15	<10	4
RNF25759		<20	0.07	<10	<10	78	<10	13
RNF25760		<20	0.70	<10	<10	362	<10	188
RNF25761		<20	0.01	<10	<10	17	<10	38
RNF25762		<20	<0.01	<10	<10	1	<10	<2
RNF25763		<20	0.08	<10	<10	46	<10	11
RNF25764		<20	0.15	<10	10	19	<10	13
RNF25765		<20	0.06	<10	<10	10	<10	6
RNF25766		<20	0.33	<10	<10	93	<10	<2
RNF25767		<20	0.07	<10	<10	19	<10	29
RNF25768		<20	0.20	<10	<10	49	<10	17
RNF25769		<20	0.03	<10	<10	10	<10	38
RNF25770		<20	0.16	<10	<10	186	<10	340
RNF25771		<20	<0.01	<10	<10	11	<10	46
RNF25772		<20	0.84	<10	<10	308	<10	100
RNF25773		<20	0.11	<10	<10	60	<10	80
RNF25774		<20	0.03	<10	<10	28	<10	16
RNF25775		<20	0.06	<10	<10	12	<10	60
RNF25776		<20	0.09	<10	<10	11	<10	53
RNF25777		<20	<0.01	<10	<10	3	<10	<2
RNF25778		<20	0.08	<10	10	214	<10	64
RNF25779		<20	0.16	<10	10	26	<10	60
RNF25780		<20	<0.01	<10	<10	3	<10	<2

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To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 20-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123302

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	Au-AA25 Au Check ppm 0.01	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1
RNF25781		1.11	0.07			<0.5	7.64	13	290	0.7	<2	1.86	<0.5	9	18	111
RNF25782		0.87	3.38			15.2	0.43	<5	50	<0.5	53	0.28	<0.5	2	17	3860
RNF25783		0.65	0.01			<0.5	0.47	<5	30	<0.5	4	0.43	<0.5	<1	16	14
RNF25784		1.08	0.08			<0.5	5.22	<5	60	<0.5	<2	4.38	0.5	45	4	79
RNF25785		0.81	0.01			<0.5	0.24	6	<10	<0.5	6	0.22	<0.5	2	27	87
RNF25786		0.56	0.04			<0.5	7.66	19	170	0.6	<2	0.59	1.3	5	18	35
RNF25787		0.85	0.02			0.7	5.34	12	<10	<0.5	<2	1.32	0.5	27	4	579
RNF25788		1.22	0.01			<0.5	0.28	12	40	<0.5	2	4.13	<0.5	3	10	7
RNF25789		0.55	<0.01			<0.5	0.40	<5	10	<0.5	4	2.13	<0.5	<1	15	<1
RNF25790		0.52	0.02			0.9	0.37	<5	10	<0.5	2	0.25	<0.5	1	18	1325
RNF25791		1.26	0.02			<0.5	4.13	9	90	<0.5	2	0.14	<0.5	11	15	14
RNF25792		0.58	0.01			0.9	3.86	8	210	<0.5	2	15.6	<0.5	7	16	41
RNF25793		0.76	0.10			<0.5	2.75	9	30	<0.5	<2	1.51	<0.5	25	39	109
RNF25794		0.69	0.26			<0.5	3.90	6	50	<0.5	<2	5.74	<0.5	23	18	130
RNF25795		0.78	0.02			1.0	1.34	<5	40	<0.5	<2	19.6	<0.5	4	9	13
RNF25796		0.61	0.01			0.5	2.38	5	10	<0.5	<2	16.6	<0.5	17	63	49
RNF25797		0.60	0.06			<0.5	2.42	16	90	<0.5	<2	1.78	<0.5	32	21	1
RNF25798		0.58	0.01			<0.5	1.87	<5	10	<0.5	2	0.60	<0.5	4	29	<1
RNF25799		1.18	0.01			<0.5	4.83	14	170	<0.5	<2	0.17	<0.5	4	10	3
RNF25800		0.78	0.01			0.6	7.39	8	230	<0.5	<2	0.08	<0.5	<1	5	<1

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CERTIFICATE OF ANALYSIS TB10123302

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
RNF25781		2.86	20	1.16	10	0.83	210	<1	3.67	13	360	<2	0.03	<5	6	202
RNF25782		1.76	<10	0.15	<10	0.13	89	4	0.02	<1	10	3	0.57	<5	<1	14
RNF25783		0.42	<10	0.17	<10	0.06	54	<1	0.05	<1	10	<2	0.01	<5	<1	17
RNF25784		12.00	20	0.20	<10	1.57	2090	<1	1.85	<1	490	<2	1.38	<5	35	85
RNF25785		0.71	<10	0.01	<10	0.08	105	<1	0.04	3	30	<2	0.01	<5	2	6
RNF25786		3.91	20	2.31	10	0.22	66	<1	0.31	12	250	7	1.65	<5	5	88
RNF25787		10.15	20	0.01	10	4.00	736	<1	0.06	10	240	<2	1.75	<5	4	13
RNF25788		13.10	<10	0.01	<10	1.62	5030	<1	0.01	4	590	<2	0.25	<5	8	21
RNF25789		0.51	<10	0.06	<10	0.09	193	<1	0.03	<1	50	<2	0.01	<5	1	21
RNF25790		0.95	<10	0.04	<10	0.06	68	<1	0.06	<1	20	<2	0.10	<5	1	14
RNF25791		0.99	10	0.74	10	0.09	71	<1	0.59	11	300	<2	0.35	<5	3	74
RNF25792		2.53	10	0.75	10	1.13	2070	<1	0.98	14	420	<2	0.03	<5	8	375
RNF25793		5.32	<10	0.06	<10	1.79	583	<1	0.71	10	160	<2	1.12	<5	17	41
RNF25794		5.85	10	0.56	<10	1.48	996	<1	1.06	15	230	<2	0.24	<5	24	68
RNF25795		1.57	<10	0.39	<10	0.81	1505	<1	0.03	5	40	<2	<0.01	<5	5	254
RNF25796		3.38	<10	0.04	<10	1.75	1655	<1	0.07	33	80	<2	0.10	<5	11	157
RNF25797		5.45	10	0.24	10	0.23	1480	2	1.19	15	570	<2	1.86	<5	9	70
RNF25798		0.80	<10	0.07	<10	0.29	128	<1	0.19	10	150	<2	<0.01	<5	1	26
RNF25799		1.97	10	1.89	10	0.10	34	1	0.19	2	120	3	1.71	<5	1	38
RNF25800		0.79	20	2.16	<10	0.06	19	<1	0.81	<1	40	32	0.23	<5	3	75

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CERTIFICATE OF ANALYSIS TB10123302

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
RNF25781		<20	0.20	<10	10	43	<10	19
RNF25782		<20	0.01	<10	<10	3	310	13
RNF25783		<20	0.02	<10	<10	4	<10	14
RNF25784		<20	0.80	<10	<10	164	<10	136
RNF25785		<20	0.01	<10	<10	14	<10	<2
RNF25786		<20	0.09	<10	<10	38	<10	1540
RNF25787		<20	0.04	<10	<10	40	<10	84
RNF25788		<20	0.01	<10	<10	24	<10	41
RNF25789		<20	<0.01	<10	<10	2	<10	3
RNF25790		<20	0.01	<10	<10	3	<10	6
RNF25791		<20	0.08	<10	<10	16	<10	12
RNF25792		<20	0.13	<10	<10	47	<10	30
RNF25793		<20	0.12	<10	<10	124	<10	34
RNF25794		<20	0.18	<10	<10	160	<10	39
RNF25795		<20	0.02	<10	<10	15	<10	11
RNF25796		<20	0.10	<10	10	69	<10	30
RNF25797		<20	0.10	<10	<10	9	<10	12
RNF25798		<20	0.03	<10	<10	8	<10	25
RNF25799		<20	0.06	<10	<10	11	<10	2
RNF25800		<20	0.09	<10	<10	20	<10	<2

ALS Canada Ltd.
2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 20-SEP-2010
Account: PARMIN

CERTIFICATE TB10123301

Project: ON402

P.O. No.:

This report is for 72 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 1-SEP-2010.

The following have access to data associated with this certificate:

DAVID COPELAND		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

To: **PARAGON MINERALS CORP**
ATTN: DAVID COPELAND
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 20-SEP-2010
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CERTIFICATE OF ANALYSIS TB10123301

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
RNF25829		0.85	0.01		<0.5	6.70	<5	20	<0.5	<2	2.21	<0.5	50	51	87	13.05
RNF25830		0.91	<0.01		<0.5	8.39	<5	40	<0.5	<2	5.96	<0.5	28	114	196	9.77
RNF25831		1.20	<0.01		<0.5	8.01	<5	20	<0.5	<2	6.14	<0.5	35	8	741	11.90
RNF25832		0.82	<0.01		<0.5	8.29	23	10	<0.5	<2	4.53	<0.5	57	163	189	8.67
RNF25833		2.41	<0.01		<0.5	10.10	<5	<10	29.1	<2	11.85	2.5	44	294	320	8.35
RNF25834		1.42	<0.01		<0.5	6.45	<5	140	0.6	<2	1.65	<0.5	9	12	64	3.26
RNF25835		1.70	<0.01		<0.5	6.02	<5	200	<0.5	<2	6.13	<0.5	49	13	290	11.20
RNF25836		1.25	0.20		1.2	7.46	<5	80	<0.5	<2	4.19	<0.5	43	145	256	7.60
RNF25837		1.21	0.02		0.6	2.21	40	50	<0.5	<2	0.58	<0.5	20	7	30	12.80
RNF25838		1.29	0.01		<0.5	0.12	<5	10	<0.5	<2	0.28	<0.5	3	19	7	1.27
RNF25839		1.40	0.06		<0.5	4.71	<5	260	0.5	<2	1.02	<0.5	7	12	7	4.92
RNF25840		0.61	0.05		1.2	4.73	54	80	0.5	<2	1.17	<0.5	9	6	32	10.75
RNF25841		0.91	0.04		<0.5	0.17	<5	10	<0.5	<2	0.11	<0.5	3	21	29	1.18
RNF25842		1.07	29.0		<0.5	0.31	<5	10	<0.5	<2	1.43	<0.5	13	24	58	2.73
RNF25843		1.02	3.48		<0.5	8.78	<5	180	<0.5	<2	3.43	<0.5	47	8	172	9.71
RNF25844		1.63	0.06		3.8	4.69	65	90	<0.5	<2	4.86	<0.5	22	9	44	13.45
RNF25845		1.29	0.21		3.4	2.43	254	40	<0.5	<2	1.10	1.3	59	15	43	23.1
RNF25846		1.30	0.74		<0.5	6.98	<5	140	0.5	<2	1.03	<0.5	26	13	1030	4.56
RNF25847		0.75	<0.01		<0.5	1.31	<5	10	<0.5	<2	0.27	<0.5	2	23	5	1.00
RNF25848		0.82	<0.01		<0.5	5.35	<5	140	0.5	<2	0.57	<0.5	6	9	30	3.50
RNF25849		0.80	0.01		<0.5	8.98	<5	360	0.8	<2	0.61	<0.5	39	191	739	6.92
RNF25850		2.44	0.47		<0.5	5.73	6	70	<0.5	<2	2.46	<0.5	18	36	49	6.71
RNF25851		1.23	<0.01		<0.5	0.99	<5	20	<0.5	<2	0.55	<0.5	7	29	5	1.44
RNF25852		0.55	<0.01		<0.5	4.66	<5	70	<0.5	<2	3.11	<0.5	25	190	24	4.21
RNF25853		0.82	0.01		<0.5	2.63	5	50	<0.5	<2	1.32	<0.5	10	73	296	1.93
RNF25854		1.23	<0.01		<0.5	6.64	<5	40	<0.5	<2	5.06	<0.5	37	116	60	6.23
RNF25855		0.92	<0.01		<0.5	0.37	<5	10	<0.5	<2	0.14	<0.5	2	31	45	0.33
RNF25856		0.86	<0.01		<0.5	2.58	<5	210	<0.5	2	13.4	<0.5	2	28	13	1.19
RNF25857		0.79	0.73		<0.5	7.93	71	530	0.7	3	12.45	<0.5	40	84	81	6.15
RNF25858		0.40	2.37		1.4	0.59	20	50	<0.5	8	0.66	<0.5	2	24	648	0.57
RNF25859		0.71	0.01		0.5	4.52	54	50	<0.5	<2	0.99	<0.5	26	157	43	3.08
RNF25860		0.57	0.01		<0.5	5.47	<5	150	0.5	<2	0.23	<0.5	6	9	11	1.22
RNF25861		0.79	0.11		<0.5	4.73	19	80	<0.5	<2	6.14	<0.5	36	34	83	6.49
RNF25862		Not Recvd														
RNF25863		Not Recvd														
RNF25864		Not Recvd														
RNF25865		Not Recvd														
RNF25866		Not Recvd														
RNF25867		Not Recvd														
RNF25868		Not Recvd														

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ST. JOHN'S NL A1C 6H6

Finalized Date: 20-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123301

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
RNF25829		20	0.05	10	2.91	1840	<1	1.11	33	540	<2	0.21	<5	41	59	<20
RNF25830		20	0.16	<10	3.42	1440	<1	1.73	50	320	2	0.23	<5	27	151	<20
RNF25831		20	0.12	<10	3.27	1710	<1	1.60	10	950	<2	0.59	8	46	173	<20
RNF25832		20	0.03	<10	3.32	1440	<1	2.77	108	340	<2	1.24	<5	40	78	<20
RNF25833		30	0.01	20	0.75	2100	3	0.04	109	350	5	2.98	5	30	66	<20
RNF25834		20	1.05	10	0.90	436	<1	1.17	9	300	9	0.26	<5	5	99	<20
RNF25835		20	0.38	<10	3.02	1615	<1	0.85	29	530	<2	0.64	6	51	46	<20
RNF25836		10	0.81	<10	1.82	1230	<1	0.54	67	300	8	1.36	5	39	131	<20
RNF25837		10	0.35	<10	0.20	118	<1	0.61	9	130	15	>10.0	5	3	54	<20
RNF25838		<10	0.02	<10	0.06	169	<1	0.02	7	10	<2	0.58	<5	<1	2	<20
RNF25839		10	0.88	<10	0.95	388	<1	0.72	9	100	11	1.97	<5	3	38	<20
RNF25840		20	0.55	<10	0.80	184	<1	1.32	5	140	15	4.55	<5	1	95	<20
RNF25841		<10	0.03	<10	0.05	111	<1	0.02	3	10	<2	0.07	<5	1	2	<20
RNF25842		<10	0.08	<10	0.40	471	<1	0.03	13	10	<2	0.33	<5	6	7	<20
RNF25843		20	0.90	<10	1.66	886	<1	0.70	38	300	6	1.32	<5	47	91	<20
RNF25844		10	0.88	10	1.84	1700	<1	0.62	17	160	27	>10.0	<5	2	89	<20
RNF25845		10	0.44	<10	0.44	244	<1	0.35	51	80	26	>10.0	8	5	40	<20
RNF25846		20	1.74	10	0.99	219	<1	0.37	12	290	2	0.23	<5	4	95	<20
RNF25847		<10	0.08	<10	0.16	190	<1	0.39	7	90	<2	0.05	<5	1	28	<20
RNF25848		10	0.93	<10	0.49	286	1	1.16	13	130	9	1.26	<5	4	133	<20
RNF25849		20	2.56	<10	1.05	616	<1	0.43	75	350	2	0.06	<5	21	194	<20
RNF25850		20	0.31	<10	1.09	1305	<1	0.10	18	440	<2	0.03	5	21	42	<20
RNF25851		<10	0.05	<10	0.29	247	<1	0.15	14	30	<2	0.01	<5	2	15	<20
RNF25852		10	0.11	<10	1.79	861	<1	0.88	66	110	2	<0.01	<5	18	78	<20
RNF25853		<10	0.09	<10	0.77	377	<1	0.51	32	60	2	0.06	<5	5	34	<20
RNF25854		10	0.05	<10	3.72	1275	1	1.90	106	120	11	0.01	<5	19	110	<20
RNF25855		<10	0.07	<10	0.06	58	<1	0.05	8	10	2	<0.01	<5	1	11	<20
RNF25856		10	1.20	10	0.47	474	2	0.04	5	170	<2	0.04	<5	9	50	<20
RNF25857		20	3.38	<10	1.33	430	<1	0.06	85	340	3	3.97	<5	33	46	<20
RNF25858		<10	0.23	<10	0.10	73	<1	0.06	4	30	7	0.03	<5	1	11	<20
RNF25859		10	0.58	<10	0.42	58	1	1.08	45	70	9	2.05	7	9	74	<20
RNF25860		20	2.16	10	0.11	183	<1	0.36	2	590	6	0.17	<5	17	60	<20
RNF25861		10	0.60	<10	2.23	1820	<1	1.01	44	290	9	0.39	<5	25	59	<20
RNF25862																
RNF25863																
RNF25864																
RNF25865																
RNF25866																
RNF25867																
RNF25868																

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To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 20-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123301

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
RNF25829		1.01	<10	<10	379	<10	140
RNF25830		0.39	<10	<10	200	<10	104
RNF25831		1.32	<10	<10	429	<10	116
RNF25832		0.57	<10	10	285	<10	138
RNF25833		0.48	<10	<10	219	50	1270
RNF25834		0.24	<10	<10	29	<10	37
RNF25835		0.98	<10	<10	509	<10	45
RNF25836		0.54	<10	<10	270	<10	50
RNF25837		0.03	<10	<10	20	<10	23
RNF25838		0.01	<10	<10	4	<10	5
RNF25839		0.04	<10	<10	13	<10	76
RNF25840		0.05	<10	<10	7	<10	34
RNF25841		0.01	<10	<10	4	<10	4
RNF25842		0.02	<10	<10	16	<10	12
RNF25843		0.68	<10	<10	380	20	66
RNF25844		0.07	<10	<10	11	<10	42
RNF25845		0.04	<10	<10	22	<10	408
RNF25846		0.15	<10	<10	33	<10	66
RNF25847		0.02	<10	<10	5	<10	16
RNF25848		0.06	<10	<10	12	<10	40
RNF25849		0.13	<10	<10	217	<10	76
RNF25850		0.30	<10	<10	162	<10	93
RNF25851		0.03	<10	<10	20	<10	13
RNF25852		0.10	<10	10	109	<10	53
RNF25853		0.04	<10	<10	36	<10	15
RNF25854		0.22	<10	10	126	<10	97
RNF25855		0.01	<10	<10	16	<10	6
RNF25856		0.10	<10	<10	41	<10	8
RNF25857		0.43	<10	<10	251	20	8
RNF25858		0.01	<10	<10	5	<10	73
RNF25859		0.09	<10	10	122	<10	37
RNF25860		0.52	<10	<10	169	<10	8
RNF25861		0.48	<10	<10	206	10	94
RNF25862							
RNF25863							
RNF25864							
RNF25865							
RNF25866							
RNF25867							
RNF25868							

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	Au-GRA21 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
RNF25869		Not Recvd														
RNF25870		Not Recvd														
RNF25871		0.61	0.01		<0.5	6.55	<5	20	<0.5	<2	5.02	<0.5	34	187	291	6.56
RNF25872		0.99	<0.01		<0.5	2.40	5	10	<0.5	<2	2.62	<0.5	7	31	32	2.13
RNF25873		0.87	<0.01		<0.5	5.69	7	50	<0.5	<2	1.41	<0.5	17	15	135	5.68
RNF25874		0.70	<0.01		0.6	5.95	17	130	<0.5	2	4.09	<0.5	14	11	128	5.79
RNF25875		0.88	<0.01		<0.5	6.42	<5	150	<0.5	<2	4.99	<0.5	30	23	108	4.50
RNF25876		0.75	<0.01		<0.5	5.49	<5	140	<0.5	<2	6.87	0.5	25	72	157	4.86
RNF25877		0.92	<0.01		<0.5	6.92	<5	310	<0.5	<2	1.62	<0.5	12	145	83	8.58
RNF25878		0.93	<0.01		<0.5	3.95	<5	10	<0.5	<2	2.10	<0.5	42	232	233	5.03
RNF25879		1.23	56.2		1.3	0.48	22	20	<0.5	11	1.14	<0.5	7	34	39	2.06
RNF25880		1.27	>100	147.0	4.5	1.20	19	60	<0.5	28	1.78	<0.5	12	45	317	2.28
RNF25881		0.75	0.27		<0.5	7.68	<5	10	<0.5	<2	4.03	<0.5	46	83	239	8.46
RNF25882		0.70	0.07		<0.5	3.42	<5	190	<0.5	<2	3.26	<0.5	23	30	54	4.39
RNF25883		0.70	0.02		0.5	6.79	<5	30	0.5	<2	2.29	<0.5	50	7	283	14.25
RNF25884		1.22	0.03		<0.5	6.19	<5	20	<0.5	<2	4.25	<0.5	17	11	14	7.21
RNF25885		0.62	<0.01		<0.5	3.66	<5	30	<0.5	<2	8.90	0.5	24	6	19	8.24
RNF25886		0.73	0.02		<0.5	5.40	25	120	0.5	<2	1.63	<0.5	13	8	10	3.73
RNF25887		0.78	<0.01		<0.5	3.40	<5	70	<0.5	<2	11.90	<0.5	15	46	17	5.51
RNF25888		0.72	<0.01		<0.5	1.10	<5	30	<0.5	<2	9.98	<0.5	6	11	4	3.02
RNF25889		0.51	<0.01		<0.5	7.55	<5	180	0.7	<2	2.43	<0.5	12	6	16	4.33
RNF25890		0.54	<0.01		<0.5	6.86	6	390	0.8	<2	1.42	<0.5	7	6	9	3.02
RNF25891		0.85	0.01		0.7	6.22	<5	160	<0.5	5	1.45	<0.5	26	14	123	10.95
RNF25892		0.56	0.30		2.4	0.85	24	<10	<0.5	5	0.64	<0.5	269	31	751	9.83
RNF25893		0.67	0.28		3.2	0.41	<5	<10	<0.5	<2	1.21	0.9	16	34	2730	2.26
RNF25894		0.46	<0.01		<0.5	3.51	<5	20	<0.5	<2	3.02	<0.5	18	79	187	3.77
RNF25895		0.60	0.03		0.6	5.98	<5	70	<0.5	<2	4.01	<0.5	30	26	273	7.93
RNF25896		0.69	17.75		2.5	0.07	<5	10	<0.5	7	0.03	0.7	223	3	226	36.1
RNF25897		0.48	0.25		<0.5	0.49	<5	20	<0.5	<2	0.06	<0.5	23	5	33	3.95
RNF25898		0.56	0.56		1.7	1.91	<5	50	<0.5	<2	2.36	<0.5	36	28	348	5.32
RNF25899		0.52	0.06		<0.5	5.84	<5	120	<0.5	<2	2.58	<0.5	15	60	68	3.46
RNF25900		0.54	<0.01		<0.5	0.53	6	30	<0.5	2	0.05	<0.5	1	3	2	0.28

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Project: ON402

CERTIFICATE OF ANALYSIS TB10123301

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
RNF25869																
RNF25870																
RNF25871		10	0.06	<10	3.14	1065	<1	1.69	75	210	5	0.06	<5	26	89	<20
RNF25872		10	0.01	<10	0.72	476	<1	0.16	10	60	3	0.03	<5	7	33	<20
RNF25873		10	0.13	<10	1.34	782	1	2.14	5	470	2	0.21	5	29	105	<20
RNF25874		10	1.44	10	1.84	794	<1	0.81	21	220	6	3.00	<5	2	71	<20
RNF25875		20	1.75	10	1.88	1325	<1	0.60	24	240	7	0.79	<5	7	66	<20
RNF25876		20	0.78	<10	1.38	1535	<1	0.78	58	250	4	0.84	<5	18	66	<20
RNF25877		20	1.02	10	2.14	947	<1	2.00	34	260	2	2.58	<5	19	66	<20
RNF25878		10	0.02	<10	2.70	849	<1	0.37	97	190	2	0.13	<5	20	26	<20
RNF25879		<10	0.15	<10	0.32	234	<1	0.04	13	20	3	1.39	<5	2	15	<20
RNF25880		<10	0.38	<10	0.56	351	<1	0.06	20	70	5	1.20	<5	6	28	<20
RNF25881		10	0.06	<10	4.81	1300	<1	1.26	50	240	2	0.46	<5	43	71	<20
RNF25882		10	0.22	<10	1.76	1110	<1	0.65	29	80	3	0.01	<5	20	57	<20
RNF25883		30	0.05	10	1.72	1275	<1	2.11	2	1300	5	0.41	<5	23	123	<20
RNF25884		20	0.11	10	1.50	1125	<1	1.19	9	1530	4	0.01	<5	23	164	<20
RNF25885		10	0.15	<10	3.53	2910	<1	0.93	36	850	6	0.28	<5	23	60	<20
RNF25886		10	1.22	10	0.86	263	<1	0.56	22	210	11	2.97	<5	2	89	<20
RNF25887		10	0.96	<10	4.28	2270	<1	0.05	22	170	3	0.09	<5	14	46	<20
RNF25888		<10	0.24	<10	2.22	1645	<1	0.03	8	150	3	0.05	<5	7	27	<20
RNF25889		20	1.46	10	1.25	530	<1	1.77	6	390	20	1.04	<5	7	87	<20
RNF25890		20	2.03	10	0.52	364	1	0.93	14	230	10	1.47	<5	2	164	<20
RNF25891		10	0.43	10	1.01	478	1	2.57	38	310	7	5.78	<5	4	58	<20
RNF25892		<10	0.02	<10	0.51	149	<1	0.08	152	30	3	9.24	<5	4	6	<20
RNF25893		<10	0.01	<10	0.26	191	<1	0.02	127	10	<2	1.01	<5	2	4	<20
RNF25894		10	0.08	<10	1.54	514	<1	0.74	52	140	3	0.15	<5	15	53	<20
RNF25895		10	0.27	<10	2.35	1245	<1	1.40	20	450	2	0.56	<5	32	99	<20
RNF25896		<10	0.01	<10	0.02	40	<1	0.02	32	10	3	>10.0	<5	<1	1	<20
RNF25897		<10	0.20	10	0.04	33	<1	0.03	5	40	2	2.62	<5	1	7	<20
RNF25898		<10	0.61	<10	0.99	534	<1	0.50	10	150	3	1.99	<5	8	46	<20
RNF25899		10	0.57	<10	0.86	590	1	2.50	16	270	3	0.55	<5	16	117	<20
RNF25900		<10	0.22	10	0.03	24	<1	0.03	1	40	<2	0.06	<5	1	8	<20

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 20-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123301

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
RNF25869							
RNF25870							
RNF25871		0.43	<10	10	203	<10	98
RNF25872		0.08	<10	<10	70	<10	19
RNF25873		0.75	<10	10	122	<10	101
RNF25874		0.12	<10	<10	16	<10	40
RNF25875		0.14	<10	<10	44	<10	47
RNF25876		0.33	<10	<10	130	<10	194
RNF25877		0.33	<10	10	134	<10	67
RNF25878		0.30	<10	<10	98	<10	62
RNF25879		0.03	<10	<10	21	<10	10
RNF25880		0.05	<10	<10	49	<10	14
RNF25881		0.39	<10	10	227	<10	100
RNF25882		0.14	<10	<10	143	<10	46
RNF25883		0.54	<10	<10	92	<10	113
RNF25884		0.64	<10	<10	73	<10	62
RNF25885		0.47	<10	<10	54	<10	107
RNF25886		0.07	<10	<10	15	<10	35
RNF25887		0.17	<10	<10	99	<10	42
RNF25888		0.02	<10	<10	21	<10	24
RNF25889		0.33	<10	10	43	<10	122
RNF25890		0.12	<10	<10	15	<10	46
RNF25891		0.19	<10	10	35	<10	62
RNF25892		0.02	<10	<10	38	<10	15
RNF25893		0.01	<10	<10	19	<10	32
RNF25894		0.16	<10	<10	107	<10	34
RNF25895		0.67	<10	<10	272	10	88
RNF25896		<0.01	<10	<10	4	<10	6
RNF25897		0.02	<10	<10	4	<10	3
RNF25898		0.23	<10	<10	77	<10	44
RNF25899		0.38	<10	10	120	<10	35
RNF25900		0.02	<10	<10	4	<10	<2

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To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 18-SEP-2010
Account: PARMIN

CERTIFICATE TB10123300

Project: ON402

P.O. No.:

This report is for 44 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 1-SEP-2010.

The following have access to data associated with this certificate:

DAVID COPELAND		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
DRY-21	High Temperature Drying
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: **PARAGON MINERALS CORP**
ATTN: DAVID COPELAND
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 18-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123300

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
RNF27557		0.92	65.9	5.4	0.66	43	10	<0.5	<2	0.78	1.8	16	25	9750	1.63	<10
RNF27558		0.80	25.8	0.7	0.30	28	10	<0.5	<2	0.15	<0.5	6	22	116	1.09	<10
RNF27559		0.90	0.38	<0.5	4.45	<5	100	<0.5	<2	7.10	<0.5	56	53	169	10.80	10
RNF27560		0.75	3.41	0.6	2.24	9	50	<0.5	<2	2.41	<0.5	34	53	32	4.47	<10
RNF27561		0.75	0.04	<0.5	8.18	21	40	0.8	<2	2.96	<0.5	9	82	38	8.51	20
RNF27562		0.67	0.06	<0.5	7.02	43	120	0.5	<2	4.82	<0.5	21	63	10	4.55	10
RNF27563		0.59	5.14	0.6	3.60	20	230	<0.5	<2	0.63	<0.5	8	35	6	1.79	10
RNF27564		0.76	0.01	<0.5	5.91	15	220	<0.5	<2	0.86	<0.5	13	46	4	3.32	10
RNF27565		1.21	0.01	<0.5	5.11	<5	40	<0.5	<2	0.01	<0.5	2	15	14	0.70	20
RNF27566		1.05	0.01	0.7	6.84	8	210	0.5	4	1.44	<0.5	6	16	59	3.23	20
RNF27567		1.50	0.02	0.5	8.33	<5	40	<0.5	<2	5.86	<0.5	47	172	1140	9.32	20
RNF27568		0.86	<0.01	<0.5	7.43	<5	20	<0.5	<2	5.66	<0.5	54	126	428	12.15	20
RNF27569		1.81	<0.01	<0.5	7.35	5	260	0.6	<2	3.53	<0.5	22	59	47	4.78	20
RNF27570		1.07	0.02	<0.5	5.06	<5	290	1.0	<2	0.92	<0.5	6	9	96	1.56	20
RNF27571		1.17	<0.01	<0.5	2.47	<5	80	<0.5	<2	0.16	<0.5	5	10	219	5.44	10
RNF27572		1.02	<0.01	1.1	6.37	15	30	<0.5	<2	0.41	<0.5	31	102	80	15.90	20
RNF27573		1.05	0.01	1.1	5.76	15	20	<0.5	<2	1.01	1.7	50	105	276	16.45	20
RNF27574		1.24	0.01	1.1	7.13	11	80	0.5	<2	1.02	2.2	30	99	107	12.95	20
RNF27575		1.23	<0.01	<0.5	6.95	<5	140	<0.5	<2	4.90	<0.5	38	60	97	11.60	20
RNF27576		0.96	0.01	<0.5	5.34	<5	80	<0.5	<2	8.65	<0.5	74	56	328	10.65	10
RNF27577		0.58	<0.01	<0.5	7.74	<5	50	0.5	<2	2.37	<0.5	61	302	9	9.28	20
RNF27578		1.83	0.01	<0.5	7.51	<5	350	0.6	<2	2.37	<0.5	52	9	776	11.75	20
RNF27579		1.50	<0.01	<0.5	6.17	<5	70	<0.5	<2	5.28	<0.5	39	67	184	8.67	20
RNF27580		0.70	<0.01	<0.5	7.22	<5	280	0.5	<2	3.62	<0.5	22	130	31	5.26	20
RNF27581		0.67	0.04	<0.5	6.95	<5	70	0.7	<2	1.87	<0.5	12	4	135	5.39	20
RNF27582		0.73	0.01	<0.5	7.46	<5	150	0.5	<2	1.84	<0.5	15	13	189	4.21	20
RNF27583		0.97	0.18	<0.5	6.33	<5	50	0.7	<2	2.04	<0.5	12	10	74	4.38	20
RNF27584		0.74	0.01	<0.5	7.29	20	450	0.9	<2	0.90	<0.5	5	4	2	2.00	20
RNF27585		1.10	<0.01	<0.5	7.43	10	160	0.5	<2	0.92	<0.5	11	13	55	5.31	20
RNF27586		1.05	0.01	<0.5	6.81	<5	320	0.7	<2	4.69	<0.5	18	69	125	5.96	20
RNF27587		1.00	<0.01	<0.5	9.13	<5	350	0.7	<2	3.08	<0.5	45	77	130	6.79	20
RNF27588		1.11	<0.01	<0.5	6.93	<5	190	0.5	<2	7.29	<0.5	24	96	10	7.88	20
RNF27589		1.50	<0.01	<0.5	6.85	<5	40	<0.5	<2	4.18	<0.5	40	14	4	10.00	20
RNF27590		1.19	<0.01	<0.5	6.33	<5	30	<0.5	<2	4.16	<0.5	39	1	86	11.00	20
RNF27591		1.06	<0.01	<0.5	5.21	<5	230	<0.5	<2	1.28	<0.5	22	45	60	1.69	10
RNF27592		0.78	<0.01	<0.5	6.37	9	150	<0.5	<2	0.26	<0.5	5	12	6	2.10	10
RNF27593		0.90	<0.01	<0.5	6.99	<5	50	0.5	<2	3.91	<0.5	39	73	160	8.81	20
RNF27594		0.83	<0.01	<0.5	0.18	<5	<10	<0.5	<2	0.37	<0.5	10	30	44	0.62	<10
RNF27595		1.04	<0.01	<0.5	4.66	<5	30	<0.5	<2	1.90	<0.5	29	125	343	4.27	10
RNF27596		1.25	<0.01	<0.5	6.52	<5	260	0.7	<2	6.30	<0.5	84	45	24	4.32	20

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Finalized Date: 18-SEP-2010
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CERTIFICATE OF ANALYSIS TB10123300

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
RNF27557		0.07	10	0.19	95	<1	0.04	22	160	54	0.88	<5	2	9	<20	0.01
RNF27558		0.07	<10	0.02	41	<1	0.04	8	10	<2	0.83	<5	<1	8	<20	0.01
RNF27559		0.95	10	2.07	1340	<1	0.30	143	220	6	4.92	<5	23	94	<20	0.17
RNF27560		0.40	10	0.99	749	<1	0.13	21	30	<2	1.44	<5	12	27	<20	0.02
RNF27561		0.08	10	1.49	928	<1	2.43	35	310	3	1.19	<5	19	270	<20	0.43
RNF27562		0.65	20	1.65	882	<1	1.51	72	390	3	1.21	<5	14	188	<20	0.19
RNF27563		0.82	10	0.42	198	<1	0.64	24	90	3	0.52	<5	5	78	<20	0.08
RNF27564		1.72	10	1.50	340	<1	0.48	41	320	<2	0.36	<5	11	100	<20	0.15
RNF27565		0.03	10	0.01	16	<1	0.04	2	160	4	0.34	<5	1	128	<20	0.05
RNF27566		1.06	20	0.29	142	2	1.82	13	350	14	0.24	<5	4	257	<20	0.10
RNF27567		0.12	10	3.09	1475	<1	1.97	69	620	3	0.10	<5	32	135	<20	0.86
RNF27568		0.12	10	3.78	1450	<1	1.72	77	560	2	0.60	<5	25	99	<20	0.74
RNF27569		0.63	20	1.92	531	<1	2.65	40	870	6	0.01	<5	14	453	<20	0.34
RNF27570		1.34	20	0.13	97	<1	0.97	1	230	4	0.09	<5	<1	253	<20	0.08
RNF27571		0.61	10	0.37	187	<1	0.17	3	170	3	0.13	<5	5	66	<20	0.04
RNF27572		0.24	10	1.22	1340	<1	0.30	16	270	9	5.41	<5	17	13	<20	0.30
RNF27573		0.25	10	1.59	999	<1	0.44	39	290	10	5.41	<5	21	20	<20	0.27
RNF27574		0.56	10	1.48	1210	<1	0.75	18	220	10	3.82	<5	21	32	<20	0.29
RNF27575		1.24	10	2.93	1705	<1	0.28	34	660	2	0.22	<5	43	87	<20	0.95
RNF27576		0.51	10	3.47	2700	<1	0.16	71	250	<2	1.44	<5	34	120	<20	0.42
RNF27577		0.09	10	4.09	1250	<1	1.94	173	170	3	0.06	<5	19	195	<20	0.61
RNF27578		2.07	10	2.60	1210	<1	1.01	29	770	3	0.09	<5	50	89	<20	0.82
RNF27579		0.21	10	3.48	1615	<1	2.02	36	390	3	0.23	<5	42	132	<20	0.61
RNF27580		0.90	20	2.53	1150	<1	1.60	90	520	2	0.04	<5	16	148	<20	0.37
RNF27581		0.58	10	1.66	1000	<1	1.46	9	320	5	1.05	<5	9	105	<20	0.27
RNF27582		0.86	10	0.98	476	<1	2.35	7	320	7	1.16	<5	6	134	<20	0.29
RNF27583		0.32	10	1.48	679	<1	1.34	5	280	4	0.42	<5	6	99	<20	0.24
RNF27584		1.17	20	0.24	157	<1	3.54	2	710	3	0.35	<5	1	110	<20	0.12
RNF27585		0.54	20	0.95	487	<1	3.50	27	260	4	0.24	<5	14	100	<20	0.06
RNF27586		3.01	10	0.24	916	<1	0.76	21	560	3	0.03	<5	28	94	<20	0.82
RNF27587		3.01	10	0.92	1010	<1	0.83	59	700	2	0.04	<5	41	86	<20	0.84
RNF27588		1.62	10	1.79	1095	<1	1.28	36	370	2	0.01	<5	33	124	<20	0.52
RNF27589		0.09	10	3.65	1570	<1	1.98	29	400	<2	<0.01	<5	46	71	<20	0.72
RNF27590		0.06	<10	2.23	1430	<1	2.05	22	460	2	0.01	5	43	47	<20	0.88
RNF27591		0.87	<10	0.53	196	3	0.88	18	170	5	0.34	<5	17	61	<20	0.23
RNF27592		1.74	10	0.07	86	7	0.47	6	210	6	1.39	<5	2	148	<20	0.11
RNF27593		0.03	<10	2.62	1420	<1	3.50	43	410	2	0.06	5	36	409	<20	0.60
RNF27594		0.01	<10	0.14	118	<1	0.02	23	20	<2	0.12	<5	1	5	<20	0.01
RNF27595		0.06	<10	2.74	557	<1	1.01	98	130	<2	0.08	<5	18	84	<20	0.07
RNF27596		1.48	60	2.33	628	<1	0.67	60	2240	7	1.34	<5	9	288	<20	0.21

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To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 18-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123300

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
RNF27557		<10	<10	8	<10	67
RNF27558		<10	<10	2	<10	6
RNF27559		<10	<10	125	<10	42
RNF27560		<10	<10	56	<10	31
RNF27561		<10	<10	153	<10	80
RNF27562		<10	<10	90	<10	43
RNF27563		<10	<10	41	<10	14
RNF27564		<10	<10	88	<10	38
RNF27565		<10	<10	12	<10	2
RNF27566		<10	<10	32	<10	20
RNF27567		<10	<10	288	<10	123
RNF27568		<10	<10	285	<10	132
RNF27569		<10	<10	114	<10	78
RNF27570		<10	<10	2	<10	23
RNF27571		<10	<10	17	<10	42
RNF27572		<10	<10	132	<10	653
RNF27573		<10	<10	124	10	4090
RNF27574		<10	<10	129	<10	5350
RNF27575		<10	<10	333	<10	230
RNF27576		<10	<10	221	<10	140
RNF27577		<10	<10	333	<10	83
RNF27578		<10	<10	248	<10	97
RNF27579		<10	<10	300	<10	113
RNF27580		<10	<10	119	<10	83
RNF27581		<10	<10	45	<10	69
RNF27582		<10	<10	37	<10	41
RNF27583		<10	<10	31	<10	51
RNF27584		<10	<10	9	<10	39
RNF27585		<10	10	69	<10	70
RNF27586		<10	<10	324	<10	47
RNF27587		<10	<10	389	<10	154
RNF27588		<10	<10	254	<10	44
RNF27589		<10	<10	362	<10	66
RNF27590		<10	10	470	<10	84
RNF27591		<10	<10	129	<10	16
RNF27592		<10	<10	38	<10	7
RNF27593		<10	10	282	<10	89
RNF27594		<10	<10	8	<10	3
RNF27595		<10	<10	128	<10	41
RNF27596		<10	<10	81	<10	27

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To: **PARAGON MINERALS CORP**
140 WATER STREET, SUITE 605
ST. JOHN'S NL A1C 6H6

Finalized Date: 18-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123300

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
RNF27597		1.92	<0.01	<0.5	4.64	<5	240	1.7	<2	7.21	<0.5	44	472	58	6.00	10
RNF27598		1.20	0.01	<0.5	8.00	<5	20	<0.5	<2	4.48	<0.5	39	96	743	7.68	20
RNF27599		0.99	<0.01	<0.5	8.39	10	40	<0.5	<2	1.03	<0.5	49	145	153	9.18	20
RNF27600		0.91	<0.01	<0.5	7.51	<5	70	<0.5	<2	4.41	<0.5	48	132	423	9.15	20

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Project: ON402

CERTIFICATE OF ANALYSIS TB10123300

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
RNF27597		1.07	10	5.34	1540	<1	1.92	290	720	6	0.08	<5	15	485	<20	0.05
RNF27598		0.03	<10	4.14	1250	<1	2.28	201	250	<2	0.13	5	21	111	<20	0.36
RNF27599		0.04	<10	3.61	1465	<1	3.30	94	500	3	1.00	<5	37	89	<20	0.74
RNF27600		0.98	<10	1.98	1315	<1	0.84	71	400	<2	0.07	<5	35	94	<20	0.33

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Finalized Date: 18-SEP-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10123300

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
RNF27597		<10	<10	93	<10	60
RNF27598		<10	10	185	<10	84
RNF27599		<10	20	311	<10	180
RNF27600		<10	<10	246	<10	38

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To: **PARAGON MINERALS CORP**
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ST. JOHN'S NL A1C 6H6

Finalized Date: 30-NOV-2010
Account: PARMIN

CERTIFICATE TB10174271

Project: ON402

P.O. No.:

This report is for 2 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 22-NOV-2010.

The following have access to data associated with this certificate:

DAVID COPELAND		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **PARAGON MINERALS CORP**
ATTN: DAVID COPELAND
140 WATER STREET, SUITE 605
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 30-NOV-2010
Account: PARMIN

Project: ON402

CERTIFICATE OF ANALYSIS TB10174271

Sample Description	Method	WEI-21	Au-AA23
	Analyte	Recvd Wt.	Au
	Units	kg	ppm
	LOR	0.02	0.005
RNF25901		1.95	0.045
RNF25902		1.74	0.013

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To: **PARAGON MINERALS CORP**
85 THORBURN ROAD, SUITE 202
ST. JOHN'S NF A1B 3M2

Finalized Date: 29-OCT-2009
Account: PARMIN

Project: NL401

CERTIFICATE OF ANALYSIS TB09117338

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01	Au-GRA21 Au ppm 0.05	Au-GRA21d Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10
RNF20721		1.32	11.85	64.3	8.81	4.205	65.40	1134.5	8.98	8.64			1.0	0.40	<5	20
RNF20722		1.11	3.46	3.37	3.47	0.251	74.45	1025.5	3.47	3.46			0.7	0.34	5	10
RNF20723		1.22	22.8	67.7	20.2	4.100	60.59	1044.5	20.9	19.45			1.6	0.33	<5	<10
RNF20724		1.02	16.65	27.8	15.75	2.066	74.19	900.8	15.15	16.30			1.8	0.52	<5	10
RNF20725		1.05	21.0	63.3	18.05	4.249	67.08	947.9	17.85	18.25			5.1	0.57	<5	10
RNF20726		1.07	92.3	1025	57.4	37.215	36.38	968.6	52.7	62.0			13.5	0.39	9	10
RNF20727		0.39	276	1065	171.0	47.175	44.38	330.6	>100	>100	138.5	203	32.8	0.99	<5	20
RNF20728		0.71	109.5	395	82.8	23.137	58.52	626.5	84.1	81.5			23.2	0.44	<5	10
RNF20729		1.70	34.2	161.5	31.2	6.142	38.01	1597.0	29.9	32.4			1.2	1.47	<5	40
RNF20730		0.92	1.83	2.12	1.81	0.141	66.37	773.6	1.79	1.83			0.5	0.95	53	40
RNF20731		1.16	0.16	0.16	0.16	0.009	56.24	1044.0	0.09	0.23			<0.5	5.37	17	40
RNF20732		1.35	6.14	6.58	6.13	0.372	56.56	1268.5	5.67	6.58			<0.5	5.93	65	20
RNF20733		0.85	49.8	244	32.5	16.749	68.63	766.4	34.1	30.8			3.0	0.32	22	10
RNF20734		0.99	84.7	542	49.8	36.721	67.79	887.2	50.4	49.2			<0.5	4.86	<5	30
RNF20735		1.69	0.97	14.95	0.23	1.181	79.12	1481.0	0.30	0.15			<0.5	0.57	<5	10
RNF20736		0.27	28.9	139.0	19.80	2.557	18.42	221.6	20.8	18.75			95.5	0.04	<5	<10
RNF20737		0.97	22.7	26.7	22.5	1.352	50.69	814.3	24.1	20.8			28.5	0.06	<5	<10
RNF20738		0.63	24.5	126.5	11.30	8.511	67.24	517.8	10.75	11.80			2.3	1.11	<5	110
RNF20739		1.59	1.43	8.71	1.11	0.527	60.52	1349.5	1.22	0.99			0.6	0.77	<5	40
RNF20740		1.63	0.23	0.11	0.24	0.007	61.27	1468.5	0.27	0.21			<0.5	0.13	<5	10
RNF20741		1.23	0.48	4.30	0.26	0.284	66.06	1134.0	0.31	0.20			1.2	0.67	19	20
RNF20742		0.88	<0.05	<0.05	0.05	<0.001	71.30	758.7	0.02	0.07			0.7	0.89	12	40
RNF20743		0.58	0.23	0.21	0.24	0.014	65.90	494.1	0.11	0.36			10.8	0.89	<5	40

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To: **PARAGON MINERALS CORP**
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ST. JOHN'S NF A1B 3M2

Finalized Date: 29-OCT-2009
Account: PARMIN

Project: NL401

CERTIFICATE OF ANALYSIS TB09117338

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%
	LOR	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10	0.01	5	1	0.01
RNF20721		<0.5	4	0.09	<0.5	2	18	290	0.87	<10	0.09	<10	0.03	89	<1	0.05
RNF20722		<0.5	<2	0.42	4.3	2	23	159	1.08	<10	0.08	<10	0.05	130	1	0.03
RNF20723		<0.5	3	0.48	0.7	6	20	93	1.33	<10	0.03	<10	0.05	143	1	0.04
RNF20724		<0.5	<2	0.35	0.7	16	19	107	2.73	<10	0.05	<10	0.09	146	1	0.04
RNF20725		<0.5	<2	0.18	1.3	3	16	1140	1.15	<10	0.13	<10	0.03	88	2	0.06
RNF20726		<0.5	2	0.08	1.8	91	22	>10000	3.49	<10	0.06	<10	0.04	133	1	0.03
RNF20727		<0.5	<2	0.07	1.4	15	29	>10000	2.59	<10	0.18	<10	0.08	102	1	0.08
RNF20728		<0.5	<2	0.03	1.0	13	17	>10000	3.09	<10	0.11	<10	0.03	182	1	0.04
RNF20729		<0.5	<2	2.31	<0.5	16	47	2010	2.29	<10	0.28	<10	1.07	422	1	0.09
RNF20730		<0.5	2	1.77	<0.5	55	53	687	4.95	<10	0.26	<10	0.78	743	<1	0.06
RNF20731		<0.5	<2	6.49	<0.5	52	252	88	7.91	10	0.40	<10	5.01	1750	<1	0.32
RNF20732		<0.5	<2	6.63	<0.5	31	288	48	5.27	10	0.67	<10	2.49	774	<1	1.05
RNF20733		<0.5	<2	0.35	<0.5	9	36	1405	2.56	<10	0.08	<10	0.12	196	1	0.03
RNF20734		<0.5	<2	3.21	<0.5	28	66	269	5.37	10	0.26	<10	2.82	720	1	0.98
RNF20735		<0.5	<2	7.13	<0.5	8	26	17	2.87	<10	0.06	<10	2.59	974	1	0.05
RNF20736		<0.5	78	0.05	94.8	8	22	32	1.31	<10	0.01	<10	0.03	102	<1	0.01
RNF20737		<0.5	11	0.07	8.3	7	35	10	1.96	<10	0.03	<10	0.03	74	1	<0.01
RNF20738		<0.5	2	0.91	0.7	4	24	8	1.64	<10	0.58	<10	0.23	318	<1	0.01
RNF20739		<0.5	4	0.02	<0.5	9	43	32	1.55	<10	0.38	<10	0.03	375	1	0.01
RNF20740		<0.5	2	0.01	<0.5	3	28	32	1.02	10	0.05	<10	0.01	61	1	0.02
RNF20741		<0.5	<2	0.01	1.6	7	20	127	3.33	<10	0.16	<10	0.02	107	10	0.09
RNF20742		<0.5	2	0.01	<0.5	10	17	266	3.53	<10	0.22	<10	0.02	168	5	0.12
RNF20743		<0.5	15	0.18	2.2	19	19	3730	3.38	<10	0.25	10	0.11	336	14	0.09

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Finalized Date: 29-OCT-2009
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Project: NL401

CERTIFICATE OF ANALYSIS TB09117338

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Cu-OG62
	Analyte	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	10	2	0.01	5	1	1	20	0.01	10	10	1	10	2	0.001
RNF20721		2	10	11	0.09	<5	<1	9	<20	0.01	<10	<10	7	<10	9	
RNF20722		3	40	4	0.26	<5	<1	8	<20	0.01	<10	<10	3	<10	858	
RNF20723		15	20	52	0.32	<5	<1	10	<20	0.01	<10	<10	4	<10	96	
RNF20724		45	20	94	1.21	<5	1	11	<20	0.02	<10	<10	5	<10	105	
RNF20725		4	20	5	0.41	<5	<1	13	<20	0.01	<10	<10	4	<10	193	
RNF20726		42	140	10	1.70	<5	1	4	<20	0.01	<10	<10	5	<10	90	1.280
RNF20727		25	70	10	1.19	<5	2	7	<20	0.03	<10	<10	13	<10	77	1.245
RNF20728		24	50	5	0.98	<5	1	3	<20	0.01	<10	<10	5	<10	55	1.165
RNF20729		42	10	4	0.27	<5	5	35	<20	0.03	<10	10	42	<10	19	
RNF20730		41	10	4	2.50	<5	8	22	<20	0.02	<10	<10	33	<10	23	
RNF20731		140	90	3	0.40	<5	29	67	<20	0.14	<10	<10	151	<10	129	
RNF20732		70	60	4	2.20	<5	24	99	<20	0.18	<10	<10	140	10	29	
RNF20733		14	10	4	1.21	<5	2	5	<20	0.01	<10	<10	10	<10	21	
RNF20734		63	340	3	0.04	<5	26	44	<20	0.29	<10	10	163	10	68	
RNF20735		27	20	3	<0.01	6	11	42	<20	0.01	<10	10	38	<10	20	
RNF20736		12	10	>10000	2.85	9	<1	2	<20	<0.01	<10	<10	2	<10	9400	
RNF20737		19	10	5830	1.45	<5	<1	2	<20	<0.01	<10	<10	1	<10	841	
RNF20738		7	10	180	0.02	<5	4	16	<20	0.02	<10	<10	33	<10	98	
RNF20739		11	10	35	0.08	<5	3	<1	<20	0.09	<10	<10	30	10	17	
RNF20740		4	30	17	0.01	<5	<1	<1	<20	<0.01	<10	10	2	<10	3	
RNF20741		2	30	13	0.55	<5	1	5	<20	0.01	<10	<10	8	<10	661	
RNF20742		2	60	7	0.12	<5	2	6	<20	0.01	<10	<10	12	<10	125	
RNF20743		5	60	10	0.18	<5	2	7	<20	0.01	<10	<10	14	<10	354	

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ST. JOHN'S NF A1B 3M2

Finalized Date: 29-OCT-2009
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Project: NL401

CERTIFICATE OF ANALYSIS TB09117338

Sample Description	Method Analyte Units LOR	Pb-OG62 Pb % 0.001
RNF20721 RNF20722 RNF20723 RNF20724 RNF20725		
RNF20726 RNF20727 RNF20728 RNF20729 RNF20730		
RNF20731 RNF20732 RNF20733 RNF20734 RNF20735		
RNF20736 RNF20737 RNF20738 RNF20739 RNF20740		12.70
RNF20741 RNF20742 RNF20743		

Appendix IV

Analytical Procedures

Appendix IV

Analytical Procedures

Paragon Sampling Methods

Rock Samples

Rock samples are typically in the range 0.3 – 1 kg in size. Samples are placed in clear plastic bags together with a waterproof paper ticket depicting a unique sample number. Each bag is tied with vinyl flagging tape and labelled with permanent marker. Samples were stored under the supervision of the sample's collector (Paragon prospector or geologist), with samples being submitted to ALS Minerals in Thunder Bay, Ontario for gold assay. Sample pulps were forwarded to ALS Minerals in NorthVancouver, BC for 33 element ICP analysis. Systematic analytical standards and blanks were inserted into the channel sample stream every 20 samples to monitor quality of the analytical results. All blanks and standards analyzed within 2 standard deviation of the accepted mean assay indicated good assay quality of the natural samples. Standards and blanks were not employed with the prospecting samples.

Sample Preparation ALS Minerals

All sample preparation is completed by ALS Minerals of Thunder Bay to the following specifications. Samples are crushed in two stages to approximately -10 mesh and split using a riffle splitter to approximately 300 grams and ring milled to approximately 98% -150 mesh. Ring mills are quartz cleaned between samples. A 30 gram sample is then split off for analysis at ALS Chemex while all remaining pulp (rock powder) is transferred to a small envelope and, with accompanying control standards, forwarded to ALS Chemex Laboratory Services Ltd., in Vancouver, BC for analyses.

Control Standards

Paragon inserted a control standard of powder (with a known concentration) and a blank into each block of 20 channel samples. Grab and float samples did not get standards or blanks inserted. ALS Chemex runs QA/QC checks on sample preparations at regular intervals.

Sample Analyses by ALS Minerals

All samples were analyzed for Au at ALS Minerals in North Vancouver, BC, by fire assay as described below:

Fire Assay Procedure - Au-AA23 & Au-AA24: Fire Assay Fusion, AAS Finish

Sample Decomposition:
Fire Assay Fusion (FA-FUS01 & FA-FUS02)

Analytical Method:
Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.
The bead is digested in 0.5 mL dilute nitric acid in the microwave oven, 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

Method Code	Element	Symbol	Units	Sample Weight (g)	Lower Limit	Upper Limit	Default Overlimit Method
Au-AA23	Gold	Au	ppm	30	0.005	10.0	Au-GRA21
Au-AA24	Gold	Au	ppm	50	0.005	10.0	Au-GRA22

Precious Metals Analysis – Screen Metallics Gold, Double Minus Au-SCR21

Sample Decomposition:
Fire Assay Fusion

Analytical Method:
Gravimetric

1000 g of the final prepared pulp is passed through a 100 micron (Tyler 150 mesh) stainless steel screen to separate the oversize fractions. Any +100 micron material remaining on the screen is retained and analyzed in its entirety by fire assay with gravimetric finish and reported as the Au(+)fraction result. The –100 micron fraction is homogenized and two sub-samples are analyzed by fire assay with AAS finish (Au-AA25 and Au-AA25D). The average of the two AAS results is taken and reported as the Au (-) fraction result. All three values are used in calculating the combined gold content of the plus and minus fractions.
In the fire assay procedure, the sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required in order to produce a lead button. The lead button, containing the precious metals, is cupelled to remove the lead and the resulting precious metal bead is parted in dilute nitric acid, annealed and weighed to determine gold content.
The gold values for both the +100 and -100 micron fractions are reported together with the weight of each fraction as well as the calculated total gold content of the sample.

Appendix V

Statement of Expenditures by Licence

Appendix V - Statement of Expenditures by Licence. Assessment credits due, complete, applied, assigned and banked on northern and southern claim blocks; credits assigned from top to bottom from credit surplus claims to credit deficit claims.

Northern Block							
Claim	**Units**	**Assessment work due**	**Assessment work complete**	**Assessment report writing expenditures**	**Credit excess/deficit**	**Amount of Credits applied or assigned**	**Banked for Northern Block**
4217370	**6**	$2,400.00	$0.00	$242.86	-$2,157.14	-$2,157.14	$0.00
4217371	**8**	$3,200.00	$22,879.40	$242.86	$19,922.26	$3,200.00	$0.00
4217372	**7**	$2,800.00	$0.00	$242.86	-$2,557.14	-$2,557.14	$0.00
4217373	**8**	$3,200.00	$1,056.05	$242.86	-$1,901.09	-$1,901.09	$0.00
4217374	**9**	$3,600.00	$4,624.91	$242.86	$1,267.77	$3,600.00	$0.00
4224853	**12**	$4,800.00	$2,967.94	$242.86	-$1,589.20	-$1,589.20	$0.00
4224854	**12**	$4,800.00	$3,656.13	$242.86	-$901.01	-$901.01	$0.00
4224855	**12**	$4,800.00	$1,345.13	$242.86	-$3,212.01	-$3,212.01	$0.00
4224856	**12**	$4,800.00	$1,909.28	$242.86	-$2,647.86	-$2,647.86	$0.00
4224857	**6**	$2,400.00	$3,444.62	$242.86	$1,287.48	$2,400.00	$0.00
4224858	**12**	$4,800.00	$4,041.43	$242.86	-$515.71	-$515.71	$0.00
4224859	**12**	$4,800.00	$576.57	$242.86	-$3,980.57	-$3,980.57	$0.00
4249672	**12**	$4,800.00	$24,768.65	$242.86	$20,211.51	$4,800.00	$0.00
4251269	**8**	$3,200.00	$1,100.91	$242.86	-$1,856.23	-$1,856.23	$0.00
4251270	**12**	$4,800.00	$641.29	$242.86	-$3,915.85	-$3,915.85	$0.00
4251271	**14**	$5,600.00	$2,270.09	$242.86	-$3,087.05	-$3,087.05	$0.00
4251272	**13**	$5,200.00	$4,151.94	$242.86	-$805.20	-$805.20	$0.00
4251273	**11**	$4,400.00	$1,806.14	$242.86	-$2,351.00	-$2,351.00	$0.00
4251274	**16**	$6,400.00	$21,707.80	$242.86	$15,550.66	$6,400.00	$0.00
4251275	**6**	$2,400.00	$139.07	$242.86	-$2,018.07	-$2,018.07	$0.00
4251276	**10**	$4,000.00	$2,706.72	$242.86	-$1,050.42	-$1,050.42	$0.00
4251277	**16**	$6,400.00	$3,627.42	$242.86	-$2,529.72	-$2,529.72	$0.00
4251278	**8**	$3,200.00	$1,642.74	$242.86	-$1,314.40	-$1,314.40	$0.00
4251279	**16**	$6,400.00	$2,633.92	$242.86	-$3,523.22	-$3,523.22	$0.00
4251280	**16**	$6,400.00	$1,376.41	$242.86	-$4,780.73	-$4,780.73	$0.00
4251281	**16**	$6,400.00	$2,159.12	$242.86	-$3,998.02	-$3,998.02	$0.00
4251282	**2**	$800.00	$169.51	$242.86	-$387.63	-$387.63	$0.00
4251283	**9**	$3,600.00	$910.11	$242.86	-$2,447.03	-$2,447.03	$0.00
4251284	**10**	$4,000.00	$226.57	$242.86	-$3,530.57	-$3,530.57	$0.00
4251285	**3**	$1,200.00	$0.00	$242.86	-$957.14	-$957.14	$0.00
Totals	**314**	$125,600.00	$118,539.90	$7,285.80	$225.70	$78,413.98	$225.70

Southern Block							
Claim		**Assessment work due**	**Assessment work complete**	**Assessment report writing expenditures**	**Credit**	**Deficit**	**Banked for Southern Block**
4251260	**12**	$4,800.00	$4,069.52	$242.86	$0.00	$445.52	$0.00
4251261	**8**	$3,200.00	$452.92	$242.86	$0.00	$2,598.47	$0.00
4251264	**10**	$4,000.00	$1,499.84	$242.86	$0.00	$2,321.25	$0.00
4251265	**14**	$5,600.00	$680.91	$242.86	$0.00	$4,760.38	$0.00
4251267	**15**	$6,000.00	$1,315.85	$242.86	$0.00	$4,510.29	$0.00
Totals	**59**	$23,600.00	$8,019.03	$1,214.30	$0.00	$14,635.92	$0.00

Appendix VI

Equipment Used

Appendix VI

Equipment used in 2010 Stripping and Trenching Program

Trenching Equipment:

Pump, 2" high pressure
Pump VH Pressure 1 1/2"
Hose, suction 1 1/2"
Hose, suction 2"
2" to 1.5" reducer nozzle
Fire hose 100' X 1 1/2"
Fire Nozzle (fog style)
1. Cut off saw, concrete, Gas 14"
2. Cut off saw, concrete, Gas 14"
Diamond Rock Blade
Gasoline

*All equipment for trenching rented from A to Z Rentals in Thunder Bay.

Stripping Equipment

120 Backhoe
Diesel

*Stripping equipment provided by Steven Blair Contracting.

Appendix VII

Field Notes of Samples and Traverses

Oct. 14/09

DC/MVG Travel to Thunder Bay, ON to review Sturgeon Lake, ON + Atikokan host gold properties from Oct. 4 - Oct. 5/09.

Oct. 15/09

Travel from Thunder Bay to Savant Lake, ON. Met with Mike Desmeules who is completing claim staking for Paragon on the Sturgeon Lake Property.

Met with owners of the Whiskey Jack lodge where we will be staying. Dale will act as a guide for us over the next few days

Oct. 16/09 Partly sunny - 2°c

By boat from Whiskey Jack Lodge on Horizontal Bay to East Arm of Sturgeon Lake. Patchy snow on the ground

Visit the Dawson-Carr Prospect. Located old rotted shaft @ 673492/5557438. Shaft has been covered over with concrete & the site is in relatively good condition. The adjacent waste dump continues down into the lake.

Took samples from waste dump of qtz vein with iron metal sulphides. RNF20721-20724

Host mafic ± felsic volcanics have a strong penetrative cleavage/foliation 189/75. Lineation 65→229

Foliation just south of the shaft is folded w strike/dip @

Drill collar @ 673514/5557405 casing damaged.

Old trench @ 673533/5557360

Went over to the Powell Prospect @ 672370/5557718. Prospect consists of several (at least 3) small pits or shafts of unknown depth. Qtz vein material in adjacent waste dump contains abundant chalcopyrite, malachite ± blue azurite. Coarse (1-2mm) brilliant visible gold associated with cpy in veins. Brilliant native silver elevated Ag. Several pieces with V.g.

Collected samples RNF20726-20728

A second area with two small pits & waste dump was noted @ 672463/5557695. V.g., specular hematite + cpy + tourmaline noted in qtz vein oriented 185 dipping moderately west. Sample RNF20729

LEVEL

Foliation in this area strikes 060° dips steeply

Y-Island Prospect - 673021/5556309

Located quartz vein in trench at south side of Y-Island vein is 0.5m wide with Py + Apy + Cpy. Visible gold reported from airborne work but none seen here.
Took sample RNF20730

* Claim post 4219492 A. Bet no date no post ID. @ 673430/5556773

* north end of Y-Island Mike took photos

Visited trench @ north end of Y-Island @ 673407/5556794 Vein is 0.3m wide and is oriented 002/35
Took samples RNF20733/20734

17/09

Visited the Richelieu Prospect. Old shaft found with outcropping qtz vein exposed over a strike length of 250m. Qtz vein is 0.3 - 1.25 m wide hosted within Fe-carb/chlorite altered gabbro. Vein is sulphide poor, glassy qtz with occasional stylotites + Fe-oxide pillows + bands where vein narrows it pinches + swells and is parallel/subparallel to foliation.
Cubic pyrite up to 1 cm cubes at least 4 metres into the outcrop at southern end of trench MVG found V.g. in qtz/float with 3-5% fine grained Py located @ 671581/5556366 Sample RNF20734

foliation 045°/78E

More qtz to the north with tourmaline + Cpy
took sample RNF20735

LEVEL

Found shaft surrounded by large waste pile @ 671570/5556425
Shaft is open + old rods + pipes are thrown in the hole

NQ drill hole located at 671573/5556945 oriented 090/-45. Would be designed to test west dipping [illegible] vein exposed in trench.

Found boundary post @ 671762
5556576
Claim 4251273

Two drill holes located @
671703/5556595
oriented 090/45 and 090/60
Holes tracks onto [illegible] ground

Traverse across from arm At Richilew to NE arm Sturgeon Lake. At 671770/5555650 medium grained [illegible] deformed/altered gabbro.
Centre of body. Contact with felsic volcanics to the west (50m) shows more intense foliation development and Fe-carb alteration of both gabbro and rhyolite.

Went to OZ Island occurrence. Could not definitely [illegible] but there was a small pit located at 663032/5544510. [illegible] trench away from [illegible].
No obvious veining in trench

At 671193/5561269 no evidence of claim boundary

LEVEL

Oct 15/09

B. Post @ 671999 / 5562094
800 m west post 2 4251280
8000 m west post 1 4251279
(2) (1)
Corner post 4251280 / 4251279
staked July 31/09
Located at 672835 / 5562109

42
Boundary Post 4251278
400 m S Post 1
673608 / 5560121

Corner Post (4) 4224853
Staked Oct 15/09 11:33 AM
@ 673598 / 555 9463

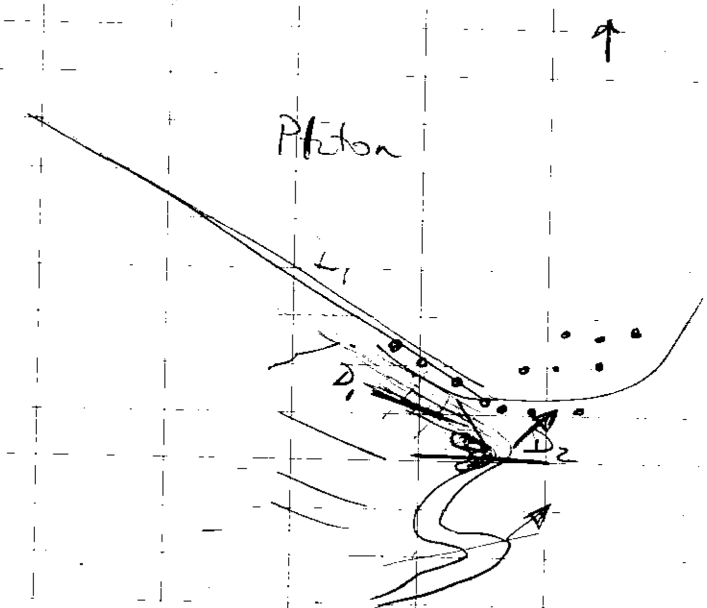
Drove along road to Powell - Richelieu Prospects - Drivable road ends before Moose Creek. Timber Bridge over Moose Creek in rough shape (need upgrade) Round Road in to 671907 / 5557567. Road many wet sections (winter access only) At 671907 / 5557567 flag on birch tree marks where tote trail road to Powell starts.

LEVEL

Oct. 19/09

Travel to Atikokan. Stay
@ White Otter [illegible]
[illegible] Zjork [illegible]
regarding [illegible] West
[illegible]

towards Thunder Bay
first paved road 523
north. Lake on
right. 6 km leave pavement
on dirt road for 3½ kms.
Just cross Atikokan river
Immediately after culverts
road curves that their
driveway. 3rd driveway on
right.



LEVEL

Oct. 20/09

With MVG + Karl Bjorkman into the east end of the Athabasca [?] property.

Bull zone 591259/5404460

60 cm wide Bull qtz vein with Py, Gln, Cpy. Pinches + swells down to 30 cm.
Hosted with Fe-carb alt mafic vlc/int. near contact with felsic intrusion.
Took samples RNF20736/20737 from vein with channel sample contact area

At 591306/5404375
Narrow and sometimes boudinaged qtz veins in felsic intrusion trending 120° dipping steeply

Some veins are continuous + some are boudinaged (V, [illegible]). Low sulphide values [illegible] veins.
Took [illegible]

Carbonated mafic dyke + larger boudinaged qtz veins (1m across) nearby.

At 591312/5404358
Qtz vein. Looks different than nearby narrow qtz. Here 1m wide with Pyrite + Fe-carb in the vein zone. Veins have a glassier look to them. Wall rock is mafic int volcanic carb alt.

Harold Lake mine shaft @ 591340/5403930 fenced in on side of Harold Lake + flooded.

Sampled pile of qtz rubble near fence qtz has Fe-carb alt wallrock. Galena + Cpy + visible gold noted in two pieces. Took sample RNF20738

Up the hill there is another shaft or deep cut @ 591313/5403885

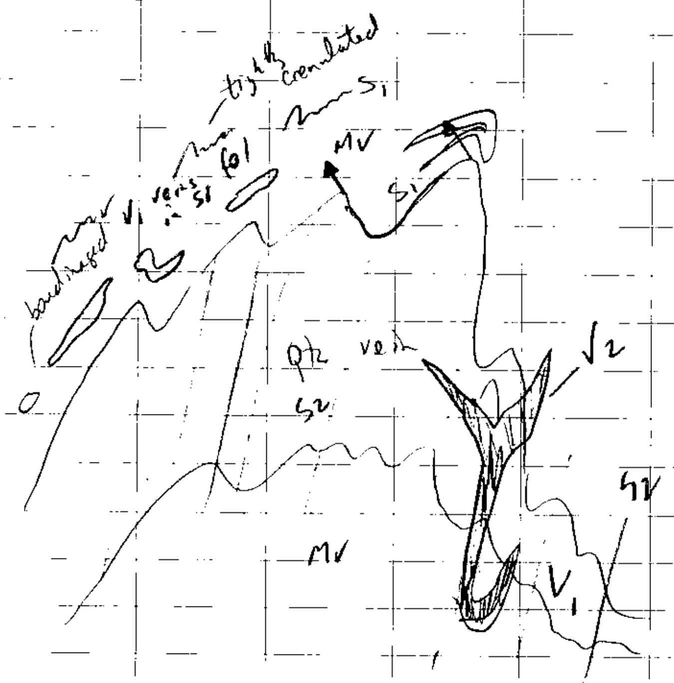
LEVEL

Visited North Adit @
590658 / 5403935

took sample RNF 20739

North Adit @ 590730 / 5403838
took sample RNF 20740

Zephyr Zone @ 590388 / 5403472



At the Zephyr outcrop S_1 fabric is strongly folded about F_2 folds (tight, over turned). V_1 veins that have developed + been boudinaged within the S_1 foliation are also folded about F_2 folds + form trains within the S_1 fabric. Metre scale fold hinge zones host structurally thickened Qz vein zones (V_1) where qtz has migrated into the lower strain domain. The veins seen attenuated on the F_2 fold limbs.

F_2 axial surface is dipping steeply north + striking E-W (085/70)
F_2 fold axes plunge @ 60 → 063
And the long axes of boudins locally are coaxial with the F_2 fold axes.

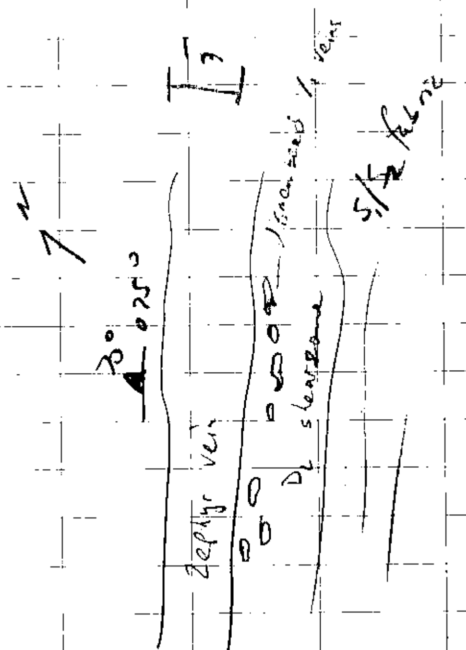
LEVEL

Drill collar located @ 590412/
5403488 oriented 160/-45

Drill collar located @ 590434/
5403520 oriented 200/-62

Zephyr vein @ 590304/5403392

Vein trends 075 dips north



My feeling is that the Zephyr is a later V_2 vein hosted within an adjacent D_2 Shear zone where the 075 oriented fabric (steep north dip) is the transposed S_2 cleavage.
Adjacent to the vein is a zone of composite boudinaged / veined in the S_1/S_2 fabric.

Another outcrop of Fe-carb altered rocks @ 590397/5403382

Here looks like both S_1 foliation and out of S_2 domain

LEVEL

LM10-45

103+20 E
105+50 N

521215/5375073

270 / -55

Test hole LM08-24ext

1557' 285.3° 72.5

5268

264.3 / 72.5

August 2010

List of Field Supplies

- rechargeable batteries
- flagging tape
- sample bags
- sample cards (200 - 300)
- rice bags
- black markers
- pens
- pencils
- bug dope
- first aid kits (personal)
- printer (Thunder Bay)
- reports + maps
- tape (scotch, packing)
- zip ties
- mylar (mapping)
- 6" ring binders
- geo tools
- back pack
- rain gear
- printer paper
- note pads

LEVEL

August 10/2010

Travel to Thunder Bay with Roland and Mervin Quinlan. Get supplies at Chalkoh, pick up rental vehicles.

August 11/2010

- After picking up groceries in the AM met up with Rob Dyer, Scott + Clint of Stars Contracting.
Drove up to Whisky Jack Lodge

August 12/2010

Travel by boat out to tour the Powell, Donaldson-Corr, Y-Island and Richilieu Prospects

Powell

Re-located sample site from the previous year including site of high-grade gold.

DC10-01 672376/5557710

Old pit or shaft near high grade gold, cu sample site. The veins are located near a felsic/mafic contact with what appear to be coarser grained (less deformed) gabbro dykes.

Nearby outcropping felsic volcanic is silica/sericite/pyrite altered with abundant Qtz eyes (1-3mm). Stringers of pyrite are common in the felsic unit. The contact with the adjacent mafic volcanics is sharp with either a thin layer of semi-massive pyrite (bedded) sediment or sheared pyritic sediment marking the contact. The adjacent mafics are patchy Fe carb + chlorite altered with

LEVEL

fairly conspicuous alteration of the mafics

The felsic volcanics show minor folds of a pre-existing foliation or primary flow banding and walking along "strike" results in transition into the mafic volcanic rocks.

plunge of the folds seem to be steep to the south 58°→231°
270°

Main foliation 078°/76°

At 672364/5557744 there is a pile bench with qtz piled up that contains visible gold.
Clint took sample RNF 27557

DC10-02 672310/5557697

Large outcrop along cliff of qtz phyric + fragmental lapilli tuff matrix dominated and least altered bluish-grey qtz eyes. Sometimes as angular shards.

@ 672323/5557695 contact with mafic volcanics

DC10-03 672407/5557652
Contact between felsic (qtz phyric) + mafic volcanics. Foliation in felsics is

LEVEL

272/74 (north dip). Highly carbonatized mafics to the south. Qz vein (5cm st. ... ...) cut felsics @ 120/72 with sheared margins and minor qtz veinlets ... into foliation

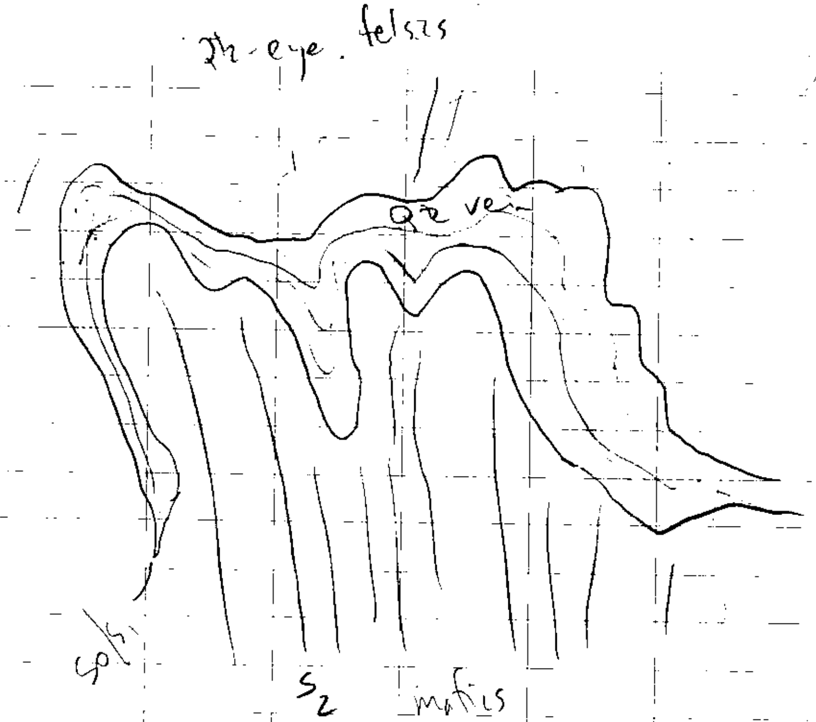
X10-03 673510 / 5557418

Contact between mafic & felsic volcanics @ Davidson - Carr

Main foliation 357/83 axial plane to minor folds of a qtz vein @ the contact zone. Some cleavage refraction of S2 in mafics particularly near qtz vein & felsic contact.

The folds plunge steeply south 76° → 192°

* strong sericite noted in felsics at this site



X10-04

The ... of Davidson Carr is ... by well ... qtz-phyric fragmental volcanics. In places breccia sized fragments (≥6.4cm), qtz phyric typify the rock. The fragments are flattened parallel to the foliation oriented 334/82

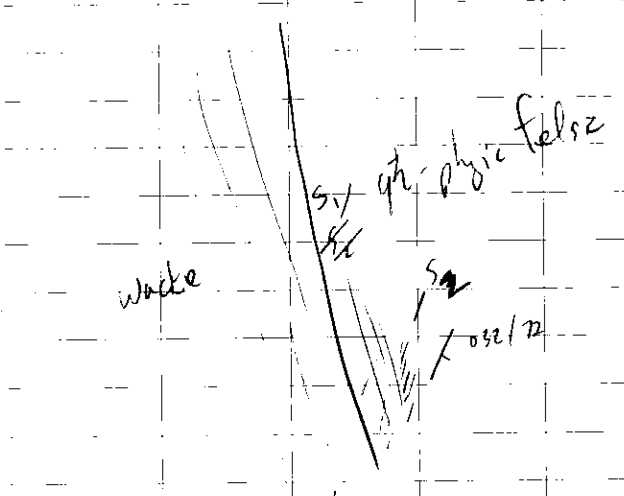
took photo

LEVEL

DC10-05   673549/5557405

Contact between qtz-phyric felsic & metagreywacke? or mafic tuff. In place looks like remnant bedding. Pervasively foliated and contact parallel foliation (349/79). The felsics are cut by a weak but persistent crenulation cleavage (S_3?) oriented @ 032/72. Took photo

Not S1 but like S_2!!



bedding & S_1 transposed into S_1 S_2

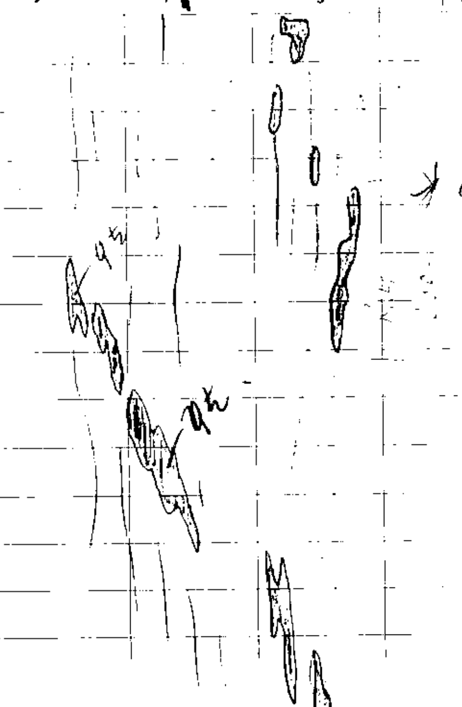
DC10-06   673521/5557383

Outcrop of felsic volcanics showing boudinaged qtz veins within the S_1 foliation. Qtz veins are highly dissmembered. Other veins that may have initiated at different orientations to the foliation crop across the fabric and are none to less attenuated by it, S_1

Foliation 348/75

Took photos

* Glacial striations. 220°



LEVEL

DC10-07 673042/5556328

[illegible] veins with [illegible] from a row of small pits on south side of [illegible] [illegible] 1965.

August 13/10 weather: sunny +25° chance T-showers

Working claim 4251276

DC10-08 672461/5558062

medium to coarse grained equigranular gabbro, plg, hbl + chl cut by fractures + thin qtz veins (1-2cm).
Weak foliation to undeformed
032/79 fol S_1/S_2
glacial striation 028°
Weakly vesicular in places

DC10-09 672399/5558092

Outcrop of fragmental + qtz-phyric lapilli tuff. Lithic fragments generally less than 64mm
Pervasive fabric is folded throughout.
M-folds with poorly developed S_2 fabric.
Abundant (7-10%) grey-blue qtz crystals up to 2-3mm
Main fabric (S, ?) 307/82

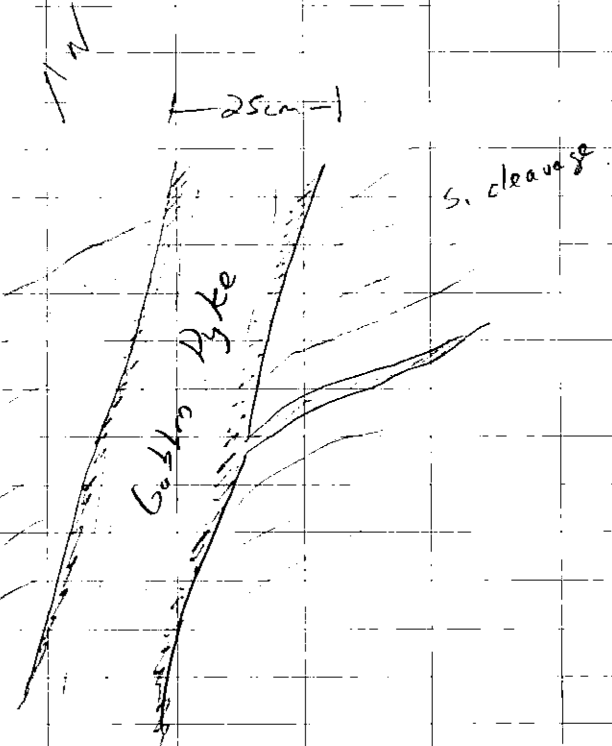
DC10-10 672357/5558083

25cm wide mafic (gabbroic) dyke cutting fragmental felsic volcanics. The gabbro dyke cuts the main fabric in the rhyolite and does not contain that fabric. A weak cleavage trending subparallel to the dyke margins affects the dyke. The dyke is fine grained with no obvious chill margins. The rhyolite is fragmental with abundant Qtz-phenos as at station DC10-09

LEVEL

Cleavage in dyke 230/75
Contact 233/81
S1 fabric in felsics 275/87
glacial striations 026°

Minor gabbro apophysies intrude parallel to the S1 fabric



DC10-11 672279 / 5558112

Large outcrop of quartz + feldspar(±Kfs) phyric felsic. Possible shallow level intrusive or crystalline flow
~5% qtz crystals 1-3mm.
Pervasive foliation with local lower & higher strain domains, however qtz crystals are generally not flattened
Possible lithic frags ??
S_1 313/81 L_1 108/78
A little further to the south on the same outcrop convincing lithic (felsic) frags up to 10cm + long within rich qtz+fs phyric matrix Rhyolite Bx
No indication of hydrothermal alt.

DC10-12 672194 / 5558117

Outcrop of felsic volc as before with folds to S_1 fabric

F_2 axial plane 219/74
S_1 321/84

DC10-13 672145 / 5558169

Fragmental felsic with mafic felsic lithic frags to 30cm oriented @ 026°

Cleavage in coal unit (S_1? S_2?) 257/86

Seems to be a change in the intensity of the S_1 fabric here (less intense)

DC10-14 672131 / 5558168

Large outcrop of medium grained well crystallized gabbro to granodiorite, Qtz + hbl + plg + chl weakly deformed. S_2? cleavage @ 048/79. Gabbro is magnetic so reading is somewhat uncertain. Corresponds well with the trend of the outcrop.

Occassional xenoliths of felsic volcanics and the qtz veins

DC10-15 672093 / 5558201

Qtz-plagioclase fragmental rhyolite with strong fabric possibly S_2 fabric on west side of ridge

S_2? 042/81

DC10-16 672117 / 5558222

Contact zone between felsic volcanics to the west and gabbro to the east. Contact although not completely exposed looks to be sharp with strong fabric development in felsics

Contact 345/79. Contact appears to be locally somewhat folded or irregular on a 20 metre scale

S_1 cleavage? 281/82

Small dismembered qtz veins near contact. Qtz veins seem boudinaged within the S_1 fabric

LEVEL

In felsics until the bottom of the valley to the west. Valley was filled with till, is small drumlins with lots transported [illegible]. [illegible] is boggy alder area [illegible]

DC10-17 671977 / 5558266

Outcrop of felsic volcanic. Qtz phyric [illegible]. Qtz porphyry (intrusive?)

DC10-18 671941 / 5558285

Large outcrop of felsic volcanic largely composed of qtz phyric [illegible] fragmental rocks mainly lapilli sized (≤64 mm)

S_1? 102/85

fabric is parallel to local narrow 3-4m ash tuff beds within the felsic sequence

The south end of the outcrop is cut

by a gabbro sill/dyke that seems to generally parallel the S_1 fabric on [illegible] the local scale (local) follows the S_1 fabric

Met up with old drill road travelled north to

DC10-19 671936 / 5558494

Outcrop of felsic volcanic lapilli tuff, qtz phyric. Minor, spotty Fe carb alt. with thin (3-4cm) and discontinuous layers of massive bedded pyrite. Parallel to S_1 fabric (347/72)

Took sample RNE 19667 (Assay)
19668 (WR)

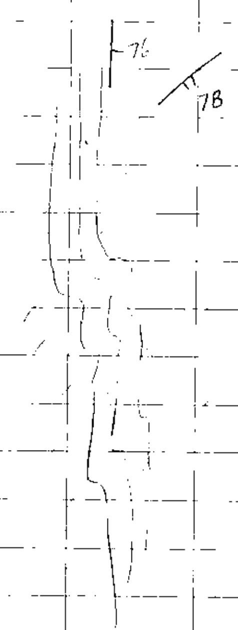
DC10-20 671790 / 5558542

Outcrop of qtz phyric felsic volcanic
foliation (S_1) 346/73

LEVEL

DC10-21 671688 / 5558529

Outcrop of felsic volcanic, qtz-phyric lapilli tuff.
Two foliations imputed on rock
S_1 = foliation compositional layering
S_1 207/76
S_2 036/78 cleavage



Nearby outcrop of gabbro @
671665 / 5558535

Slightly to the north @ 671673/5558581
outcrop of gabbro but possibly
mafic volcanic as some textures
are visible in finer grained parts.
Could be mafic xenoliths in gabbro.

DC10-22 671597 / 5558585

[illegible]
[illegible] mafic dyke or volcanic.

DC10-23 671445 / 5558554

Lots of blocks of qtz vein in
small hand dug/blasted pit. Some
garbage (steel) laying around. Vein
is very coarse + glassy with inclusions
of graphite. Vein is hosted within
[illegible] foliated deformed gabbro

Took Sample RNF 19669

LEVEL

DC10-24 671340 / 5558425

Small outcrop of foliated gabbro
S_2 033/78

DC10-25 671407 / 5558335

Outcrop of gabbro weakly foliated to massive

DC10-26 671398 / 5558157

Outcrop of mafic volcanics
unaltered

DC10-27 671534 / 5558204

Stopped by the Northern Light deposit to a local Prospect comprises a few pits & trench exposing and up to 3m wide Buck qtz vein. The vein is hosted in fe-carb altered mafic volcanics with minor silicification of the wall rock along vein margins. The vein zone trends 715° and dips to the south @ ~ 45-50°. Struggled to find much sulphide other than disseminated pyrite and the vein is not that gossanous.

DC10-28 671516 / 5558479

fine grained gabbro or mafic volcanic

DC10-29 671642 / 5558655

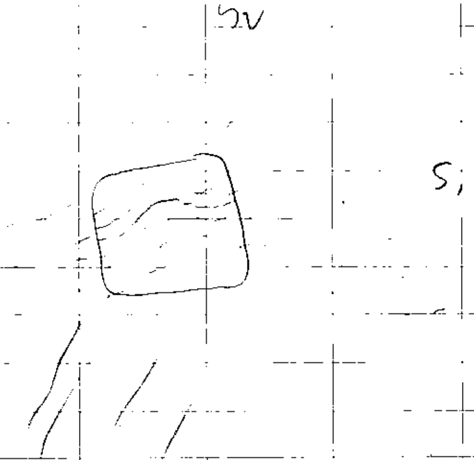
Altered mafic pillow volcanics least deformed with discernable fabric. Pillows are striking 020° dipping steeply east and are younging to the west.

DC10-30 671857 / 5558624

Qtz-phyric fragmental felsic volcanic weak-moderate pervasive fe-carb alt'n. Some narrow barren qtz veins cutting the mafic fabric but also conformable about it.

S_2 030/75 S_1 307/82

LEVEL



S, fabric in this fragments is [illegible] about S$_2$

DC10-31 671919/555872o
Outcrop of qtz phyric felsic volcanics. Strong penetrative fabric
S, 353/81
[illegible] more intense than @ DC10-30
Narrow (2cm) qtz vein cutting fabric and [illegible] around it @ 354/50

DC10-32 671931/5558628
Qtz-phyric lapilli tuff. [illegible] [illegible] (felsic)
S, foliation 343/80

DC10-33 671987/5558704

Qtz-ankerite veins in felsic volcanics near [illegible] dike.
Veins are [illegible] 2-5cm, discontinuous and enveloped in a moderate to strong foliation oriented 326/74

Sunny + 21°C August 14th/10

To the area north of Richibucto and south of Powell with Roland + Mervin Quinlan.

Walk north along trail from Richibucto.
Numerous outcrops of felsic volcanic lapilli tuff. [illegible] [illegible] "[illegible] general", less than [illegible] qtz phenos.
Pervasive fabric affecting the rocks trend 044/77 S$_2$ DC10-34 671761 5556788
Twomey (1992) has mapped this area @ 1:5000 scale.
Glacial striations 028°

LEVEL

DC10-35 671760 / 5556803

Outcrop of felsic volcanic with 30cm bull qtz vein. Abundant Tourmaline in the vein.

Took sample RCLF 19671

Vein is shallowly dipping and weakly folded 262/36 overall north dipping.

Numerous other narrow veins (2-4cm) present with felsic host cross at varying angles. (tourmaline?)

Weak green chlorite alteration affects the wall rock.

DC10-36 671773 / 5556839

Just north of the qtz vein outcrop in felsics transition into medium to coarse grained leucogabbro

Abundant plag + hbl, possible cpx

Least deformed.

Then back into foliated felsics @ 671793 5556850

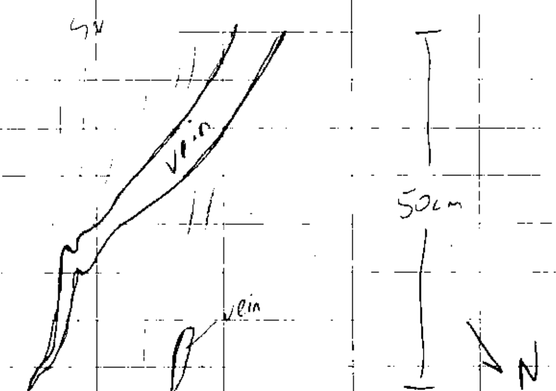
DC10-37 671802 / 5556890

Found in old pit that was sampled by Twomey 1992 (sample 9350)

20-25cm Qtz vein (bull qtz) with Py + Cpy and tourmaline hosted in mafic volcanics Fe-carb, chlorite and black tourmaline alt of host mafics.

Vein orientations include 080/84, 266/81 foliation in mafic volcs 048/79 S_2

Some evidence of veins being boudinaged and dismembered along the S_2 fol



LEVEL

These pits expose a sulphide poor vein that runs for ≈ 25-30m.
The vein is developed near the contact of mafic + felsic volcanic rocks (exposed ≈ 25m to the east).

Took sample RRT 19672 near Twomey's sample site.

DC10 - 38 671701 / 5557086

Large outcrop mapped by Twomey as mafic volcanic. Seems to me to be more gabbro or leucogabbro with medium grain size visible hbl + plg (polygonal) chl. Very weakly foliated and if these are mafic volcanics then the strain has diminished substantially. Pervasive weak carb/ankerite alt.

DC10-39 671745 / 5557000
Cross from gabbro into foliated mafic volcanics or moderately foliated gabbro. 049/73 S_2

DC10-40 671764 / 5557286

Outcrop of mafic volcanics or gabbro. Least deformed. Rock is characterized by abundant chlorite or hbl porkiloblasts that do not show abundant flattening or rotation (D, metamorphic features chl after hbl)
Locally developed D_2 shear zones, narrow 10-20cm, affect the outcrop locally. These are accompanied by narrow qtz veins (1-2cm).
S_2 046 / 73

Proceeding west towards the lake the fabric intensity increases along with more qtz + qtz-ank veins. Lose outcrop for a while then least deformed gabbro on the lake is sand cove. W of the hill a bit there is a small pit with qtz rubble around it.

DC10-41 671631 / 5557335
Small pit exposing qtz vein.
Previously sampled by Twomey 1992
Samples 9357 and 9358 yielding S[illegible]

The vein is hosted by sheared + foliated mafics with the rock alteration of the wallrock.
The vein contains abt 1% of Py + Cpy. No visible gold is noted. Collected sample RVF 19673.
Vein [illegible] is [illegible] in texture and [illegible] from the more sulf type quartz seen elsewhere.
The vein [illegible] [illegible] 280°
and is not traceable outside of the pit

DC10-42 672054 / 5557464

Outcrop of [illegible] deformed / altered gabbro at top of prominent ridge

PC10-43 672199 / 5557382
Small pit south of Powell Prospect.
Target seems to have been qtz-carb veins and heavy disseminated pyrite +/- chalcopyrite in mafic volcanic

Pit is 3x4 m and is filled with water.
Took samples of the Qtz-carb veining and disseminated sulphides RVF 19674, 19675

Nearby mafics have a strong foliation 020/78 S_1/S_2 ? also 038/75
Just noticed that the metal coil on this book throws the compass of ± 20°

The old road to the Powell prospect passes through here

DC10-44 672379 / 5557201

Felsic lapilli tuff strongly deformed. Lithic fragments
Qtz crystals
fol 004/79

LEVEL

DC10-45 672456/5557347

Outcrop of Basalt deformed mafic volcanics or fine grained gabbro.

No foliation developed

DC10-46 672502/5557394

Outcrop of felsic volcanic lapilli tuff

fol 036/79

Minor ankerite alteration

August 15/10 Weather: Overcast, drizzle +15°C

Decide to work road to north of property due to forecast winds and rain.

Follow-up on UMEX Geochem anomalies in the Moose Creek Zech 1 grid Area

DC10-47

Gold anomaly @ 670175/5563150

Outcrop exposed in area of anomaly

Mafic volcanics with Fe-carb alt.

Also amphibolites with boudinaged qtz veins.

Mafics occasionally with Qtz-Carb veins.

I am suspicious given the variability of metamorphic grade (greenschist - amphibolite) and intensity of fabric (schist vs. gneiss) that some rocks may be transported? glacially and appear as outcrop (large blocks).

DC10-48 670541/5562951

Flat outcrop of mafic volcanics with a 30cm boudinaged qtz vein

Fe-carb alt + qtz carb veining in mafics. disseminated Py in wallrock

347/73 Fol S, ?

glacial striation 028°

LEVEL

DC 10-49 670639 / 5562774

Outcrop along road of qtz-phyric felsic volcanic. dark grey in colour. No obvious alteration. Trace pyrite Foliation 010/81 S, 7

near north end of anomalous geochemical trend.

Took sample RNF 19676

DC 10-50 670671 / 5562796

Mafic / felsic volcanic contact. @ 345/61. Foliation 003/77 S,

Felsic is qtz phyric Lots green chlorite veins cut felsics including the foliation

DC 10-51 670784 / 5562657

Outcrop of qtz-phyric felsic volcanics with large up to 0.7 cm blue qtz crystals Cut by abundant qtz chlorite veins

oblique to foliation 334/77
Took sample of veins RNF 19678

Felsics in area are occasionally cut by mafic dykes. These dykes are foliated / deformed and may be the cause of the "chlorite vein

DC10-52 670781 / 5562564
A few sulphide and pyrite stringers in felsics @ 670779 / 5562558
Qtz phyric felsics with pyrite / black [illegible] stringers.
Took sample RNF19679

August 16/10 Weather: Overcast +12°C showers

Went to Thomas Lake Prospect with Roland and Merv.
The prospect occurs in an area of stringer pyrite mineralized felsic volcanics that are sil. sericite altered near a contact with a pervasively fe-carbonated gabbro dyke/sill or mafic volcanics

LEVEL

An old trench was located
@ .

DC10-53 670639/5561881

Outcrop of least altered and deformed gabbro. Plg + hbl.
Minor qtz veins (ns) 2-3cm. discontinuous.
Gabbro becomes more schistose [illegible] contact with felsic volcanics

DC10-54 670626/5561839
Outcrop of strongly gossanned felsic volcanics. Strong silica-sericite-pyrite alteration and abundant pyrite stringers to 10%.
Foliation S1 002/58
Rhyolite is quartz phyric and composed largely of lapilli sized fragments in a fine sericitic matrix. Fragments are crudely defined and difficult to see due to oxidized nature of the rock.
Took sample for Assay + WR
RNF 19680 Took photo

DC10-55 670566/5561936
Zone of intense Fecarbonate alteration of mafic volcanic or synvolcanic? sill/dyke. Pervasively Fe-carbonated. Historic sample #57026. In immediate contact with Qtz-phyric felsics to the west.
Foliation 010/60 S.

DC10-56 670542/5561961
Qtz vein zone of the Thomas Lake Prospect.
Lots previous sampling.
Vein zone is ± 2m wide and composed multiple qtz + ank ± cl veins that are 15-25cm wide and are boudinaged to semi continuous along strike roughly 350° slightly oblique to the S. foliation. Fuchsite or [illegible] alt of wallrock is observed in places. Disseminated to stringer pyrite persists into wallrocks but am uncertain whether or not this is associated with a primary VMS setting [illegible]
An alt.
Took Photo

LEVEL

Took sample RNF19681 that has
a 2-3mm splash of v.g.
Took photo of v.g.

August 17/10 — weather: partly cloudy +15°

At 670478/5554708 rocks look
altered at Chris + Scott's drop-off

Dropped off on medium sized island
in East Arm South of Y-Island.

DC10-57 — 672104/5554859

Outcrop of contact between least
altered gabbro and highly Fe-carb
alt and deformed mafic volcanics.
Fe-carbonate alteration occurs
as pervasive alt and clots of
Fe-carbonate veins. A few qtz veins
around generally 1cm but up to
10-15cm that on shore line.
Took sample of qtz vein with wallrock
RNF19682.
[illegible]

fol(S_2) 052/68

DC10-58 — 671961/5554769

Small outcrop of weak-mod Fe-carbonate
altered aphyric to weakly qtz phyric
felsic volcanic. Some patches of Fe-carb.
[illegible] [illegible] [illegible] developed
028/79 S_2?
mod sericite alt

DC10-59 — 671930/5554790

Well foliated + mod Fe-carb/sericite
altered felsic. The outcrop is
host to mafic (mod Fe-carb alt)
and felsic volcanic contact (not exposed)
with felsic on the east end and
mafic on the west

DC10-60 — 671768/5554762

Large outcrop at top of hill of
Felsic volcanic breccia. Weak green
chlorite in matrix and weak-mod pervasive
Fe-carb and sericite alt. Trace Py
associated with Fe-carb (spotty). Minor qtz
crystals (only saw 1) Fol(S_2) 040/65

LEVEL

Felsic outcrop forms the tip of the edge of the island proceeding SW across the island ourcounter mafic volcanics were [illegible] dip off.

DC10-61 671682 / 5554751

Outcrop of [illegible] to [illegible] - [illegible] and [illegible] carb (ankerite?) altered mafic volcanics. Near water on west side of island. Could be a gabbro as it is fairly equigranular with faint chlorite spots possible pseudomorphs of ?
Foliation (S_2) 042/78

DC10-62 671665 / 555[illegible]

Outcrop of [illegible] altered gabbro [illegible] contact between mafics [illegible] felsics

DC10-63 671642 / 5554651

Outcrop of felsic volcanic [illegible] tuff
Small 1-2 mm qtz crystals with lapilli sized (1-3 cm) lithic frags (qtz-phyric felsic) in a fine sericitic matrix (weak).
Weak diss. Fe-carb alt. Weak fol.
S_2 046/75

DC10-64 671642 / 5554611

Progressing south obliquely across strike felsic unit becomes increasingly more foliated and Fe-carb/sericite altered

DC10-65 671495 / 5554533

Outcrop of strongly altered [illegible] foliated mafic volcanic. Strong [illegible] and vein Fe-carbonate [illegible] chlorite imposes [illegible]. Crosscut by occasional undeformed qtz veins (1-3 cm) at a variety of angles

DC10-66 671376 / 5554512

Outcrop of weakly altered gabbro with [illegible] Fe-carb alt and 1% diss. cubic Py. Weakly foliated.
The small [illegible]

LEVEL

Note: [illegible] foliated mafic volcanics

DC10-67 671316 / 5554389

Small outcrop of gabbro in contact with felsic volcanics. Sharp intrusive [illegible] between two rocks [illegible] [illegible] margin preserved [illegible] gabbro [illegible] qtz veining and Fe-carb alt @ contact.
Felsic is qtz-phyric and weakly Fe-carb [illegible]

Contact - 245/75
No recognizable foliation - [illegible] deformed
+ local [illegible]

DC10-68 671250 / 5554255

[illegible] deformed mafic volcanics. Lots green chlorite [illegible] S2

On the other side of a little valley an outcrop of strongly Fe-carbonate altered mafics with qtz veins throughout up to 10 cm. Pervasive ankerite + chlorite and strong S_2 fabric. Took samples of wallrock and qtz veins. BVF 19683 / 19684

Foliation 052/82
Certainly a different orientation to the fabric [illegible] Is this a D. shear zone?

DC10-69 671360 / 5554200

Large outcrop of felsic volcanic qtz-phyric lapilli tuff / Moderate to weak foliation
066/70 S_1 ?

A bit further along @ 671420 / 5554213
S_2 foliation ? measuring 037/72 in felsic volcanic

LEVEL

DC10-70 671504/5554151

Outcrop of weak to mod [illegible] altered felsic volcanic, weak to mod foliation

DC10-71 671494/5554088

Outcrop of moderate Fe-carb spotted & sericite altered felsic volcanic strongly foliated
042/70 S_2

DC10-72 671479/5554037

Outcrop (large) of felsic volcanic mod-strong sericitized Fe-carb alt., strong foliation. Sample a zone of massive Fe-carb alteration with 3-4% disseminated pyrite within felsics. Sample RUF 19585

DC10-73 671457/5553997

Gabbro [illegible] (least) undeformed

DC10-74 671441/5553945

Moderately deformed mafic volcanics

DC10-75 671479/5553864

Large outcrop of felsic volcanic breccia. Qtz phyric lithic fragments making up 65% of the rock. set in a fine grained matrix with green chlorite/sericite alt (weak) wk to mod foliation & alignment of fragments.

Felsics are cut by a 4 metre thick mafic dike, fine grained [illegible] & deformed margins. wk foliation throughout

Contact // S_2 fol. 042/77

DC10-76 671547/5553896

Large outcrop of least altered foliated [illegible] intruded by least deformed [illegible]
S_2 045/77

Some fine grained [illegible]

671590
@5553946

LEVEL

DC10-77 671649/5554058

Large ridge of course grained gabbro. Hbl + plg.
Least deformed/altered

DC10-78 671759/5554130

[illegible] area between gabbro [illegible] and felsic volcanic lapilli [illegible] lapilli tuff is qtz-phyric, less altered and carries a weak fabric. Minor [illegible] veins cut felsic

DC10-79 671896/5554072

Outcrop of mafic volcanics. Fine grained well foliated, [illegible] [illegible] with [illegible] and [illegible] of ankerite alteration.

Foliation (S_2) 028/79

DC10-80 671918/5554113

Outcrop of Fe-carbonate altered moderately mafic volcanic. Minor [illegible] qtz veins cut moderate S_2 foliation

DC10-81 671978/5554124

Outcrop of well foliated & altered (weakly) mafic volcanic [illegible] 20cm qtz veins [illegible] Sample RNF 19686.

S_2 025/87
Vein 023/82

DC10-82 672030/5554240

Well exposed [illegible] outcrop of mafic volcanic. Well foliated and intensely Fe-carb altered.
Dissappears [illegible] water going north to Denison. Cotr. Minor [illegible] [illegible] qtz veins boudinaged & [illegible] out.

LEVEL

into S_2 foliation. 031/71
To the east of this the Fe-carb starts to dissipate along the outcrop and is almost completely gone by the eastern edge of the island.

August 18/10 670779/5555878

DC10-83

Outcrop of weakly Fe-carb altered and mod-strong foliated mafic volcanics. Minor qtz veins (<1cm) discontinuous.

Fol 025/83

DC10-84 670631/5555825

Lakeshore of outcrop of non-foliated gabbro.

Glacial striations 022°

DC10-85 670682/5555748

Outcrop of mafic volcanics with 15cm wide milky white qtz vein. No visible sulphides. Vein oriented 230/75

Took sample RNF 19688

Minor Fe-carb alt

DC10-86

Mafic volcanics, well foliated, minor Fe-carb alt 670641/5555679

DC10-87 670480/5555585

Small outcrop of mafic volcanics mod-foliation. Minor qtz veins <1cm, discontinuous

Fol. 045/81 S_2

DC10-88 670382/5555513

Large outcrop of undeformed/unaltered gabbro

DC10-89 670207/5555542

Outcrop of fine grained undeformed gabbro or mafic volcanics. Trace Py.

Least altered.

I think these might be least deformed mafic volcanics

LEVEL

DC10-90 670145/5555704

Least deformed and least altered hbl + plg gabbro.

DC10-91 670360/5556026

Outcrop of mafic volcanics well-foliated. minor Fe-carb alt

222/80

DC10-92 670150/5555976

Outcrop of felsic volcanic near contact with mafics. Felsics are strongly gossaned and contain 5-7% diss + stringer pyrite as irregular masses and cubes. Fe-carb and sericite altered. Strongly foliated. Estimate a minimum of 3 metres wide.

Took sample RAF 19690

Fol 055/77

Just up the hill @ 670113/5555963 mafic volcanics

DC10-93 670118/5555949

Another outcrop of sericite, Fe-carb alt felsics with diss - stringer Py. Strongly deformed

Fol 055/78

DC10-94 670052/5555886

Mafic volcanics near contact with unmineralized Qtz-phyric felsic

DC10-95 669985/5555803

Mafic volcanics weathered.

DC10-96 670036/5555740

Massive mafic volcanic (?)

DC10-97 669901/5555438

Large outcrop of mafic hyaloclastite 5-7cm mafic fragment (angular) in fine Chloritic matrix. Weak foliation

Fol 053/78 S_2 ?

LEVEL

DC10-98 669902/5555344

Coarse grained gabbro (hbl + plg).
Non foliated or altered

DC10-99 669964/5555250

Gabbro unfoliated

August 19 /10 Weather: sunny, clear + 16°C - 21°C

Solo traverse island hopping within what has been described as a zone of strong deformation/alteration along the NE arm Sturgeon Lake. Working from west to east across lake.

DC10-100 669949/5552573

South end of small elongate island contact zone between intense Fe-carbonate altered mafics and Fe carb sericite altered felsics. Strong penetrative foliation in both [illegible] ... [illegible] tape [illegible] on eastern side of is [illegible] S_2 Fol 037/81

DC10-101 670004/5552707

Qtz-plag + fragmental (lithic) lapilli tuff. Minor patches of Fe-carb alt. Moderate sericite + foliation development.

S_2 Fol 052/76

DC10-102 670063/5552766

Highly sheared and sericite altered qtz-plag felsic volcanics. Wk-Mod Fe-carb alt + chlorite patches.

S_2 Fol 042/82

Took sample RNF 19691 for (WR)

Nearby zones of intense Fe-carb veining/alteration - took photo in felsic volcs.

Zone of deformation dies off dramatically heading west on the north side of island. Breccia sized lithic frags in rhyolite become recognizable although flattened until eventually are

existe by the very north western tip @ 670064/5552845
The rock still carries the S_2 fabric but lithic fragments are angular & jigsaw fit in places (see photo)

DC10-103 670185/5552903

Moderate to strongly foliated qtz-phyric felsic. No recognizable breccia-sized fragments. Mod sericite + wk Fe-carb alt.
Some green chlorite alt. patchy.

S_2 Fol 035/80

DC10-104 670175/5552937

Foliation diminishes by this point and encounter a chloritoid? bearing mafic dyke of [illegible]? medium grained Fe-carb alt by the west side of island. Foliation dissipates?
Here a [illegible] [illegible] sericite alt

rhyolite was sampled RNT 19692

DC10-105 670474/5552943

Outcrop of weak to moderately foliated qtz-phyric lapilli tuff to breccia with lithic fragments. Weakly sericite alt. In contact with weakly to moderately foliated mafic volcanics to the east and then undeformed gabbro (hbl + plg) on the eastern side of the island.

Fol S_2 040/80. The mafic volcanics may be deformed & chilled margins to the gabbro as it is only ~5m wide. Fine grained highly chloritic

On the west side of island felsic lithic frags are flattened slightly and rotated into the S_2 foliation plane. Can't get a strong sense of the direction of rotation

LEVEL

DC10-106 670466/5552893

The gabbro on the eastern side of the island is largely undeformed but zones of more intense fabric development do occur within the gabbro as ± 3m wide S_2 shears with moderate
S_2 041/85 fol development

and alteration of hbl or pyx to a chalky/soapy talc or serpentine? Could be pale chlorite.

DC10-107 670368/5553188

Dropped off on Peninsula to the west.
Outcrop of sheared (S_2) Felsic Volcanic. Strong to intense wht/yellow sericite alt. 1mm qtz-crystals.
Weak Patchy Fe-carb spots + blebs
S_2 fol 040/67

At 670303/5553114
an old camp site with lots of cans and old pail + stove pipe. No obvious old pits or workings.

DC10-108 670248/5553064
Weak to moderately foliated felsic sill/dyke? Haven't seen this lithology before here. Some felsites mapped nearby to west. Looks to be synvolcanic as it carries the same foliation etc.
Qtz + Plag phyric wk-mod Fe-carb alt. Chlorite?/Bt specks throughout

S_2, fol 023/74 non magnetic
S_1?

DC10-109 670203/5553057

Qtz + Plag phyric rhyolite breccia.
Fragments largely composed of breccia sized (~7.15cm) fragments of qtz-phyric rhyolite with rare fine grained massive mafic volcanic. Matrix contains abundant [illegible] 1-2mm plag crystals + lesser qtz in a green chlorite matrix. Fragments are aligned parallel to the S_2 foliation.

LEVEL

with moderate flattening of the fragments into the S_2 foliation.

Fol (S_2) 039/79

Weak Fe-carb alt + ~~mod~~ weak ser. alt
Took photo facing SE

Just around point the foliation intensity increases @ 670181/5553049. Marked by start of a bay
(2om)
Bleaching picks up with increasing proximity to a least deformed gabbro or mafic volcanic. Coarse-medium grained with plg + chl(cl)
Large Plag crystals/knots in gabbro

DC10-116 670200/5553207
Qtz-Plag porphyry fine to medium grained weakly foliated and mod Fe-carb alt.
S_2 Fol 215/89

5cm sugary qtz vein, minor vugs + Fe-carb cutting felsic dyke/sill Took sample
RVF19693

Seems to be increased qtz veining through here. They are all more or less barren looking usually oriented at 241/76

DC10-111
Outcrop of felsic volcanic along Lake
Qtz-phyric rhyolite breccia with a moderate foliation Fe-carbonate veining to 20cm patchy/discontinuous.
Cut by a post D_1/ Syn-D_2 mafic dyke. The dyke crosses the S_2 fabric by is deformed weakly + offset along it. The dyke contains the S_2 fabric
(pre-ts written above Syn)

S_2 fol 039/81
Dyke orient 077/72

DC10-112 670042/5553161
Coarse plag phenocrystic gabbro

LEVEL

I 10-113   670984/5552715

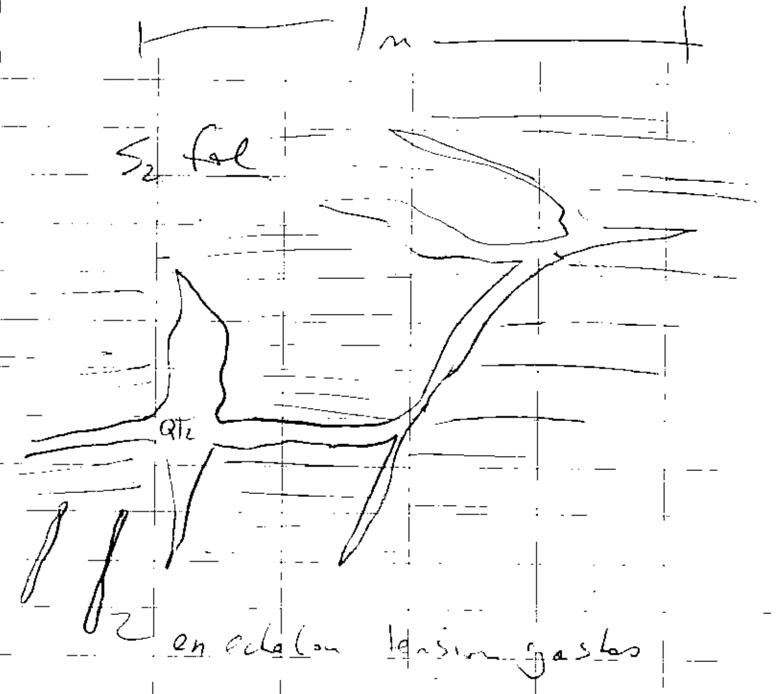
On south of small island intensely sheared and Fe carbonate altered felsic volcanics. Pervasively sericite altered

S_2 fol 045/80

Clint took sample of pyritic felsic mylly sheared RNF 27596

DC10-114   671274/5552991

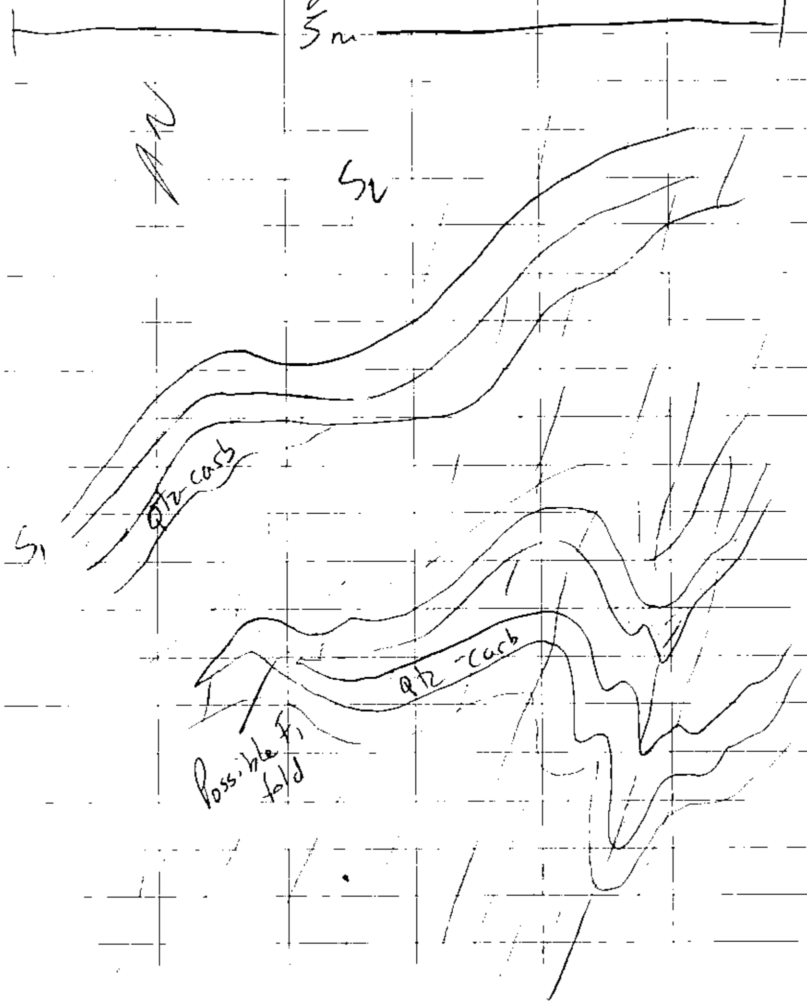
Variably foliated (S_2) mafic volcanic on north side of small island. Fabric intensity seems greatest on the western side. Minor qtz veins up to 7cm wide occurring oblique to and deformed by the S_2 foliation and opening perpendicular to the S_2 fabric



There is a Cpy occurrence listed on the government geology map at the north end of the island.
I located the occurrence it consists of stringers of Cpy (with some malachite) just under the water on the NW side of the island. Approx 2% Cpy, hosted in felsic? volc. Looks like some qtz eyes but fuchsite, carb alt + chlorite make me think it might be a highly altered mafic?

DC10-115   6P/218/5552950

Beautifully preserved F_2 folds folding S_1 fabric on outcrop on west side of island.



Folds are outlined by a combination of early Qtz + carb veining that are folded about F_2 folds. It is possible (but not definitive) that the qtz veins were folded about at tight to reclined F_1 fold. This would place the development of veining at a very early stage in the deformation history.

A relatively weak S_2 spaced cleavage is developed here in what is interpreted to be a low-strain D_2 zone. The folds plunge steeply to the SSW at the lithological contact. A zone of strong qtz-carb alteration is also developed at the contact.

S_2 064/65 ; 056/74 Some cleavage refraction is obvious.
F_2 plunge 70° → 228°
S_1 103/58 variable

LEVEL

DC10-116 671213/5552934

A little further along another example of an V_1 vein folded by F_2 folds. V_1 vein is parallel to earlier S_1 fabric. Folds plunging steeply 55W.
The host rock seems to be a felsic ash tuff w/ [illegible] + rare qtz. Possible bedded?

Took sample RNF19196 of V_1 qtz vein

671229/5552885

DC10-117 get coord from sample tag
Across to the east end of the island where S_2 fabric become the most intense foliation.
1m minimum wide Qtz vein hosted within intensely silica sericite alt. wallrock (uncertain of protolith felsic?) Wallrock is chlorite - fe-carb alt. near vein with numerous 1-2cm wide Qtz carb veins. ~50cm from vein margin wallrock is sericite silica/chloritoid altered.

vein oriented ≈ 099/62

May be parallel to S_1 fabric & seems to be folded about S_2 045/78

Took sample of vein with 3-5% Cpy, 1% Py and minor malachite staining. vein is vuggy with sulphides developed on vein margins.

August 20/10 weather: overcast +20°

Went to the north to the Bede 1 grid to find the iron formation horizon described by UMEX.
Found the potential horizon which seems to be about 400m east of where it plots on the UMEX geo[illegible] maps. Not certain if this is the same horizon or if there are many. IF is hbl rich, could be orthoamphibole ± garnet + Py ± Po + Mag? Sample is magnetic. Took sample RNF 19698

LEVEL

At 2 671874/ 5561556 there is an area of Py stringer mineralization on the west side of the mapped IF (still have not definitively located it). The felsics here are largely [illegible] [illegible] breccias with [illegible] rounded clasts.

DC10-118 671891/5561594

Iron Formation - massive Hbl - Garnet rock within a bedded felsic tuff / [illegible] sequence. Garnet are up to 1cm across and the unit is coarse grained forming multiple alternating layers with the [illegible] beds. Garnet is confined to the Hbl rich layers. Non-magnetic & NVS.

Took sample RNF 19699.

Took photo looking north

Foliation/bedding 345/70

DC10-119 671791/5561780

Lots of stockwork blue to white qtz veins within host felsics + gabbro sills/dykes. NVS in veins but there are observations over a 10m wide zone. Some Fe-carb.

Took sample RNF 19700 of blue qtz vein

Drove to Ignace in afternoon to get groceries and sample bags.

August 21/10 ~~666599~~/5546988

Weather: Partly cloudy, 25°C

Traverse across islands in the [illegible] area at the south end of the NE arm.

DC10-120 666599/5546988

Outcrop of well foliated, weakly Fe-carbonated chloritic mafic volcanics.

S_2 fol. 052/85

LEVEL

DC10-121 666441/5546930

Large outcrop of feldspar phyric gabbro. 1-2 mm plg phenocrysts throughout. To the east along the lake plg phenocrysts become large (up to 3cm) across (megacrystic) along what is presumed to be sheared mafic contact. Are these feldspar megacrysts of spherulites due to sudden quenching in a volcanic. These have been documented by Trowell (1983)

Gabbro is weak - moderately foliated
S_2 = 051/75

Took photo of megacrystic mafics (1-2cm)

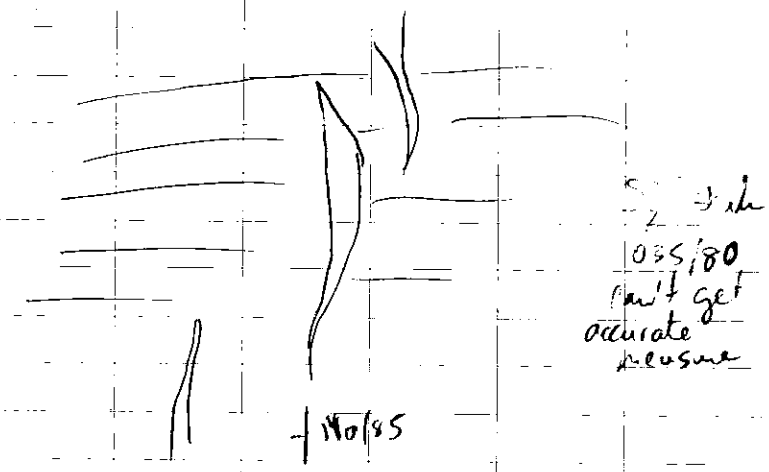
Minor narrow qtz veins in megacrystic unit. Intensity at weak.

DC10-122 666419/5546889

Chlorite moderately foliated mafic volcanics, no to weak fe-carb alt

DC10-123 666386/5546905

Massive to weakly foliated qtz-phyric felsic volcanic. Weak sericite alt. 1-2mm qtz crystals (5%)



Minor 1-3cm en-echelon qtz veins (tension gashes) perpendicular to S_2 fabric

DC10-124 666341/5546934

Outcrop of qtz-phyric ash-lapilli tuff 1-2mm qtz crystals. Moderate foliation. Weak sericite. Second spaced fracture cleavage cuts the rock S_2 044/84

fracture cleavage 064° dipping N & S 5 steps

LEVEL

Fracture cleavage is more defined by discreet sericitic shears than anything else.

DC10-125 666752/5546852
Qtz phyric lapilli tuff, whitish sericite alt 5% 1-2mm qtz phenos.
weak S_2 fol
S_2 fol 053/87
weakly altered to unaltered
No Fe-carb
Then not far away green chlorite alt in felsics which almost looks mafic

DC10-126 666079/5546879

Moderately foliated and Fe-carb altered mafic volcanic. Qtz carb veins, few, generally <1cm 0.5% along western edge of the island. This area is mapped as a fault zone.
S_2 223/81
Took a sample of some qtz-carb veins

RNF25851

DC10-127 666034/5546828

Large lakeshore outcrop of Fe-carb, chlorite + fuchsite minor altered mafic volcanics. 1-30cm qtz-carb veins with 1-2% Py + Cpy.
Moderate to strong S_2 foliation outlining a shear zone underlying adjacent water to the west.
Took sample RNF25853 Qtz vein
S_2 221/78

DC10-128 666046/5546757
Outcrop of moderately foliated qtz-phyric felsics.

DC10-129 666018/5546700
Massive Fe-carb altered rock, likely mafic near mafic/felsic contact
Minor qtz-carb veins

Crossed claim boundary @ 665997 5546694

LEVEL

DC10 - 130 665982/5546662

Relatively coarse grained, least altered mafic volcanic? or gabbro

DC10 - 131 665937/5546679

Pervasively Fe-carb, chlorite ± fuchsite altered mafic volcanics with abundant Qtz + Qtz-carb veins.

Took photo
veins oriented 030° dipping steeply (80°) east and west
Some look to be @ ≈45° West

DC10 - 132 667398/5546948

Outcrop of moderately sheared/foliated (least altered mafic volcanics.
S_2

DC10 - 133 667329/5546951
Least altered and deformed possible mafic volcanics or gabbro in north

end of island in the centre

DC10 - 134 667247/5546911

Massive gabbro or mafic volcanic least deformed, least altered trace Py and occasional 1cm qtz veins.
Took sample of qtz vein RNF 05854
Not a very promising looking vein

DC10 - 135 667248/5546747

Qtz vein float or subcrop on eastern shore of small island. Vein is 35cm wide, [illegible] with trace Py. While [illegible] qtz. Lots of qtz pieces under water [illegible] deformed mafic volcanics

Took sample RNF 05855
DC10 - 136
Foliation increases somewhat on the eastern side of the island in mafic volcanics
S_1? 070/87 unaltered

LEVEL

DC10-137 663775/5544625
On small island. outcrop of least deformed gabbro or massive mafic volcanic.
Least altered.

DC10-138 663769/5544704

Shoreline outcrop of granite. The granite for the most part is coarse grained, least deformed with qtz + plg + KG + Bt.
The rock is intensely deformed along a 2 metre wide shear zone oriented 100°/83°.

The shear zone is intensely Fe-carb altered and sericite altered, fine grained. Abundant qtz veining and flooding is developed along the exposed southern edge of the shear zone. The veins comprise bluish qtz + calcite + Fe-carb. The zone of veining is about 0.5m wide.
Took sample RNF 25856 (vein) and 25857 (shear zone)

kink bands deform the shear fabric. Are these related to D_2 crenulation along the NE arm?

~~Took a photo~~ Went back to photograph

DC10-140 663877/5544742

Some development of possible S_2 cleavage @ 210 degrees dipping west steeply.

DC10-141 664475/5544960
Just off of property, Qtz-feldspar porphyry intruding mafic volcanics. Qtz-carb veining of mafics. Contacts are intrusive and undeformed.

DC10-142 663479/5544017
Outcrop of fractured granite

DC10-143 663530/5544306
Fabric intensity increases in granite to a fairly well developed shear zone with parallel qtz veins over a minimum 5m width (continued after station 139 level)

DC10-139 663790/5544778

Qtz vein is on hosted within least altered granite
Weak hematitic staining along what appear to be stylolites
Vein trends 328/70

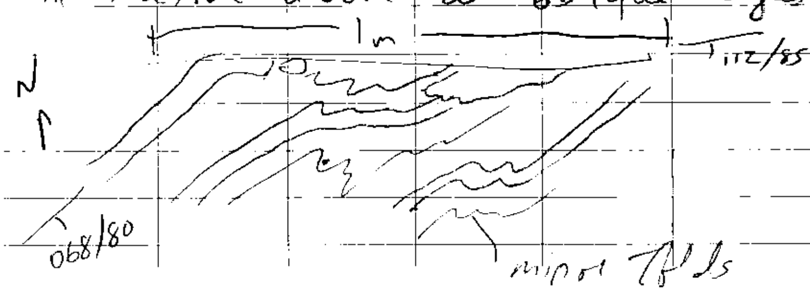
Took sample RVF25858

//

DC10-143 cont'd

3½ veins sampled by Moira & Fiord yesterday
Shear zone trend 112/85 but the fabric anastomoses a fair amount

Shearing seem to be responsible for the initiation a vein at oblique angles



Fabric intensity comes and goes at the development of a few 2-5m wide shear zones

DC10-144 663548/5544350

Here a strong e-w shear is developed with intense sericite alteration of host granite and complete grain size reduction
The zone of shearing is ≈ 0.5m wide

orient 260/80 No development of P_7 here though

DC10-145 663033/5543478

Small island with highly sheared granite. Muscovite/sericite altered with visible flattened and elongated K-feldspar crystals.
Mapped as mafic volcanics

Fabric 083/79

LEVEL

with areas of intense sericite
+ Fe-carb replacement of granite
NW side of island

DC10-146   666152/5546119

Strongly sheared mafic end of
Meis + Roberts traverse

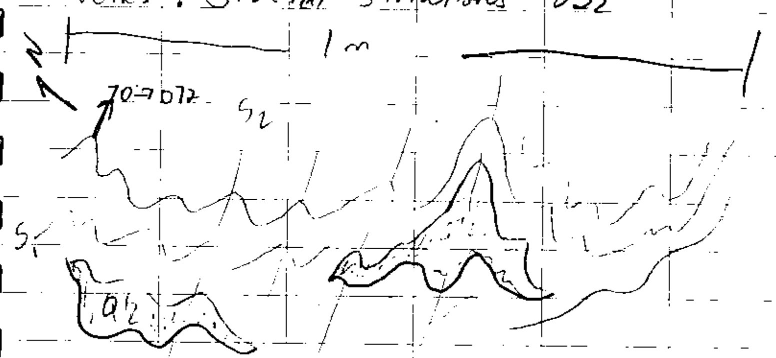
August 22/10   Weather: Sunny
+20-25°C

DC10-147   672216/5560141

Moderately altered gabbro with
1-2cm qtz carb veins every 0.5m
Large outcrop area is variably carbonated
with trace Py disseminated.
Local deformation zone.
Qtz veins generally parallel
a weakly developed foliation
and are generally discontinuous,
or lobate, and partially linked
along a set of discrete fractures
Veins trend 345° dipping predominantly 75-80°
West

DC10-148   672239/5559850
Lamprophyre dyke cutting coarse
gabbro. Dyke oriented
080° dipping steeply north

DC10-149   672208/5559830
Strongly foliated and folded mafic
volcanic lapilli tuff.
Foliation (S_1) is well crenulated
and contains boudinaged qtz-carb
veins. Glacial striations 022°



Matrix is variable Fe-carb altered
along S_1 foliation planes
Weakly developed S_2 axial planar
cleavage @ 056/75
S_1 overall is 340/78
F_2 folds plunge steeply N @
70° → 072° Took photo

LEVEL

DC10-150 672198/5559622

Contact between gabbro and finer grained mafic phase. Contact area is deformed in places and evidence of tight F_2 folds

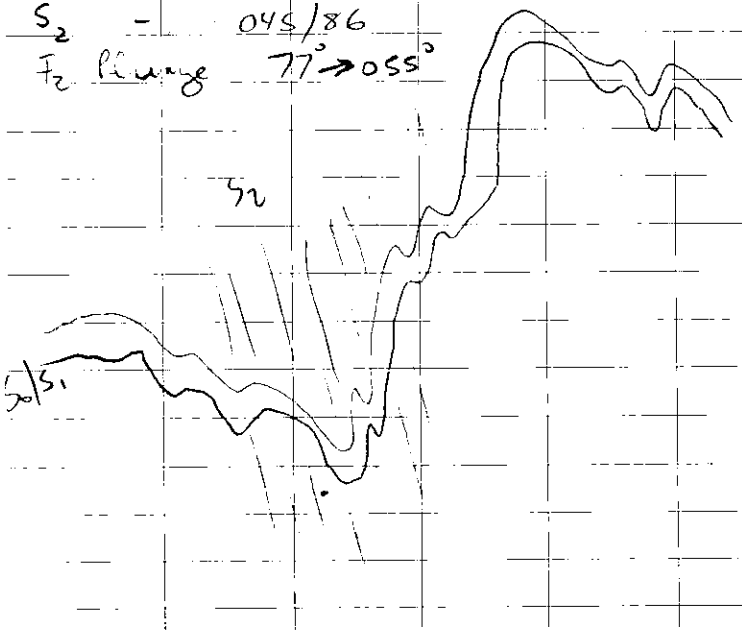
DC10-151 672192/5559602

Outcrop of felsic lapilli tuff and interbedded ash tuff. Qtz-crystals and felsic lithic fragments.

S_1 (overall) - 321/82

S_2 - 045/86

F_2 plunge 77°→055°



DC10-151 671993/5559096

Outcrop of felsic volcanics weakly Fe-carb alt and moderately foliated (S_1). There is a well developed lineation (extension?) on the foliation surface. Minor <1cm qtz veins

S_1 338/76

L_1 081/78 elongate qtz + fsp crystals

DC10-152 671831/5559126

Outcrop of qtz-phyric felsic foliated lapilli tuff - ash tuff 5-10% qtz phenos 1-3mm weak Fe-carb alt.

Foliation (S_1) 315/67

DC10-153 671685/5559253

Outcrop of felsic volcanic qtz phyric

Fol(S_1) 327/73

DC10-154 671554/5559341

Large outcrop of gabbro minor qtz veins, least altered and deformed

DC10-155 671516/5559365
Large outcrop of moderately foliated and weakly Fe-carbonate altered mafic volcanics. 2-3cm wide discontinuous Fe-carb veins
S1 foliation 005/71

DC10-156 671459/5559413
Nice outcrop of pristine pillow basalt. Selvages are formed of dominantly green chlorite. Pillows are weakly vesicular. Tops to the NE

DC10-157 671398/5559555
Massive mafic volcanic or medium grained gabbro.

DC10-158 671512/5559597
Site of airborne EM conductor. Mafic felsic contact with lots Bt in mafic. Lithic qtz-phyric lapilli tuff @ contact
Not far away Mass and Pillowed are finding disseminated [illegible]

felsics (5-7% cubic Py). A few samples taken. Felsics here are intensely silicified. F2 fold here

DC10-159 671406/5559696
Outcrop of mafic volcanic. Moderate foliation. A bit of R staining. Bt within mafic gives a sparkly appearance in sunlight and may be contributing the reddish oxidization
S1 347/80

DC10-160 671323/5559722
Outcrop of massive gabbro or massive mafic volcanic non-poorly foliated

DC10-161 671249/5559804
Location of second conductor. Nothing locally to explain conductor. Foliated and weakly Fe-carb altered mafics with a trace of Py/Po + Biotite. Conductor occurs at a Gabbro/mafic volc contact as [illegible]

LEVEL

To do

- ~~Goldstar Budget / tracking~~
- ~~Charlie / Diane Sal. Pay~~
- ~~STF assessment~~
- ~~Invoices ASH Chemex Laboratories~~
- Permits for field work?
  → email to Mike

DC10-162 671255 / 5559865

... shear zone with boudinaged ... veining in gabbro / mafic ... fraction 316/78
... veins are <1cm - 2cm wide and discontinuous. Associated Fe-carb.

DC10-163 671261 / 5559997

Eq. granular, massive, non foliated gabbro

August 23/10

DC10-164 671296 / 5560113

Outcrop of gossanous pyritic felsic volcanic. Siliceous and sugary-textured with 5-7% disseminated + stringer pyrite. Seems to be surrounded in every direction by gabbro. Is this a large xenolith?
Took sample RNF 25859

DC10-165 671317 / 5560196

Bedded mafic ash tuff + siltstone. Lots of alternating compositional layers
Bedding / S1 332/54

Some Fe-staining and minor qtz. Fe... veins

DC10-166 671268 / 5560198

Outcrop of gossanous felsic lapilli tuff at contact with mafic volcanics. This is the the centre of the airborne conductor and the rocks are similar to station DC10-164

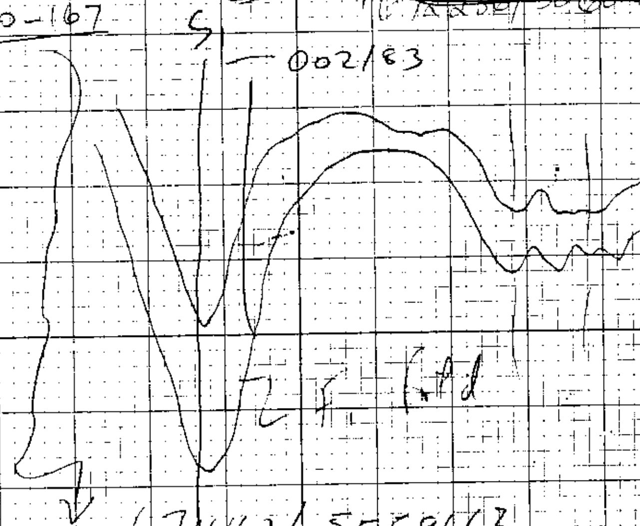
bedding / S1 308/68

Felsics are qtz phyric lapilli tuff with intermediate? / ash tuff + possible flattened lithic fragments

The mafics to the North look to be faintly pillowed with faint chloritic pillow selvages as was seen definitively to the south but with poorly formed pillows.

Took samples RNF25860 and 25861 of Fe-carb/silica altered zones with 2-5% diss Py.

DC10-167 ~~671462~~/ ~~672236~~/~~5560147~~



671462/5559663

CONTENTS

PAGE	REFERENCE	DATE

August 24/10 Weather: overcast +20°C

W.R. Roland and Merv to check out the Gold Star Syndicate Patents. Held by Greg Arnold.

Have received permission from Mr. Arnold to sample and assess the pits + trenches on the property.

DC10-168? 668501 / 5553074 Could be Shaft B

Old Shaft (shaft A?) 4 x 3 m / single qtz vein 5-8" running subvertically down the wall dipping ≈ 75° / 030-040° azimuth
Hosted within Fe-carbonate altered gabbro or mafic volcanics.
1-3% Cpy + Py observed in the veins with fairly abundant visible gold noted in ≈ 20-25% of the qtz rubble pieces looked at. gold is fairly fine grained <<1mm

and occur in the middle of the quartz, associated with sulphides and black-grey spots (chlorite/tourmaline) in the veins.

Took samples RNF 25879-25880 & RNF 19643

Sulphides are Cpy+Py and tend to be concentrated along wallrock margins and Fe-carb rich wallrock selvages in the vein.

DC10-169 668427/5553032

Small trench 10-15 m long parallel to strike with some narrow qtz veins and Fe-carb altered wallrock.

RNF 19644, 645

DC10-170 668397/5552891

A small pit and some qtz vein rubble. Stylolitic veins, glassy with Py + Cpy. Possible visible gold.

Collected Sample RNF 19644 19645

DC10-171 668382/5552859

Another small pit with qtz vein rubble beside it. Took Sample RNF 19646

Py Wallrock (mafic volc) Contains abundant Py (4-5%) + trace Cpy The Largest vein is 20-25cm wide. Not able to track it along strike.

Gold Star Trenching Program

Oct. 13/10

Travelled from St. John's to Thunder Bay, through Ottawa. Arrived at Thunder Bay @ 1 PM Eastern. Picked up rental vehicle @ Enterprise. Picked up pump, saw, hose etc @ A-Z rentals. Then other office/field supplies.
Decided to stay the night in TB.

Oct 14/10 Showers, high +14°C
Picked up groceries in AM + other field supplies. Met with Steve Stares of Benton Resources + confirmed that Clint Peacock will be meeting me tomorrow. Drove to the Whiskey Jack Lodge. Confirmed that Steven Blair Contracting will be arriving tomorrow AM.
Organized the cabin + put groceries away etc.

Oct. 15/10 Overcast, calm +5°C to +10°C

Waited for contractor to arrive @ MTO Depot @ junction of highway + Vista Lake Road. Supposed to meet @ 9:30 AM.

Met up with excavator just after 11 PM and proceeded into the Thomas Lake Prospect.

Stripped the historic pit area and area hosting the high grade qtz vein. Area stripped ≈ 25 x 40 m = 1000 m²

Then moved ≈50 m to the south to open up a historic trench/pit along strike from the main stripped area.

October 16th Partly Cloudy +10°C

Walked excavator in to Mine Lake Area from the Vista Lake Road.

Located sample RNF25842 and the qtz vein & pit that it was sampled from.
Located old drill core at the site. Core size is AQ. The core boxes are rotten and burned and there are no discernable markings on the core. It is not salvageable.

October 17/18, 2010

Dave & Clint washing outcrop at Thomas Lake

October 19 Flurries, cloudy

Marked up samples for Clint to cut at Thomas Lake. Then went into direct sampling at Mine Lake. Nice zone of veining and alteration emerging at the SE end of trench

October 20

Go past Lattos next left

Trailer house, black Chev pickup

Visited Allan Best at his residence Discussed accessing Powell Prospect. He suggested heading south and then travelling east through the Northern Light Deposit Area.

Dug some more at Mine Lake and exposed the alteration/vein zone some more.

Clint and DC walked from Mine Lake into Pee Powell Project to find an appropriate route to walk the excavator in. Flagged a suitable trail back to Mine Lake.
Kyan Pizzolato and Bryan Sparrow arrive October 21/10 in the evening.

Clint went with Duncan to walk the excavator from Mine Lake to Powell. Dale will pick them up by boat at the end of the day.

DC went with Bryan and Kyan to get them oriented with the Thomas Lake Prospect. Completed additional channel sampling and Bryan started mapping the trench.

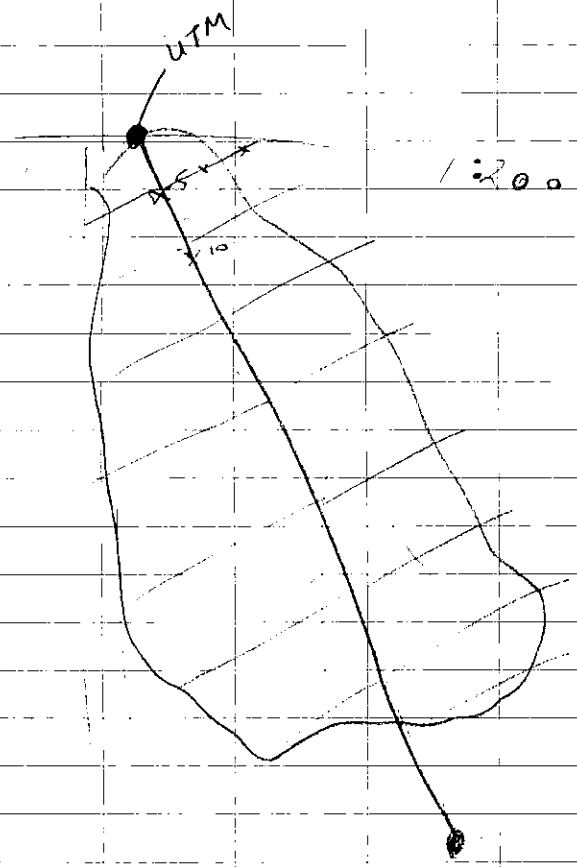
CIM 2010 Talk outline

GOLD TALK

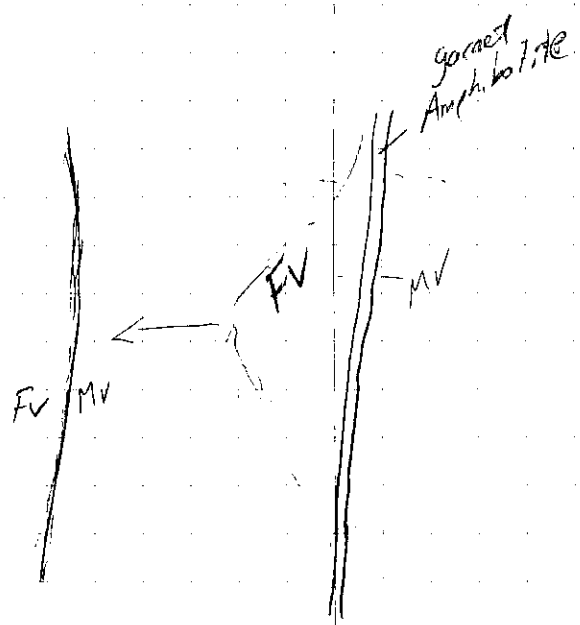
Slide 1 - Title
Slide 2 - FLS
Slide 3 - Corporate Summary 1
Slide 4 - Corporate Summary 2

October 22/10

Went with Duncan to Powell to complete trenching of that Prospect.
Bryan, Kyan and Clint at Thomas Lake cutting channel samples, bagging samples + mapping.



Thomas Lake grid Chain N end



October 23/10

Out to Thomas Lake to finish sampling/mapping and then move equipment to Mine Lake

Channel Sample widths

I284501	0.7	516	1.0
502	0.5	517	0.6
503	0.5	518	0.7
504	0.5	519	1.0
505	0.6	520	Standard
506	0.6	521	Blank
507	0.7	522	0.5
508	0.5	523	0.55
509	0.5	524	0.5
510	0.5	525	0.5
511	0.4	526	0.5
512	0.5	527	0.5
513	0.45	528	0.8
514	1.0	529	0.55
515	1.0	530	0.5

I284531	0.5	555	0.5
532	0.5	556	0.55
533	0.5	557	0.5
534	0.5	558	1.0
535	0.85	559	0.8
536	0.5	560	0.7
537	0.5	561	1.0
538	0.5	562	0.8
539	0.8	563	0.55
540	0.8	564	0.6
541	0.8	565	0.6
542	0.7	566	1.0
543	0.4	567	0.5
544	0.6	568	0.5
545	0.5	569	0.7
546	0.5	570	S
547	0.5	571	B
548	0.6	572	0.5
549	0.5	573	0.75
550	0.6	574	0.9
551	1.0	575	0.6
552	1.0	576	0.5
553	0.55	577	0.8
554	0.6	578	0.8

670513 / 5560770

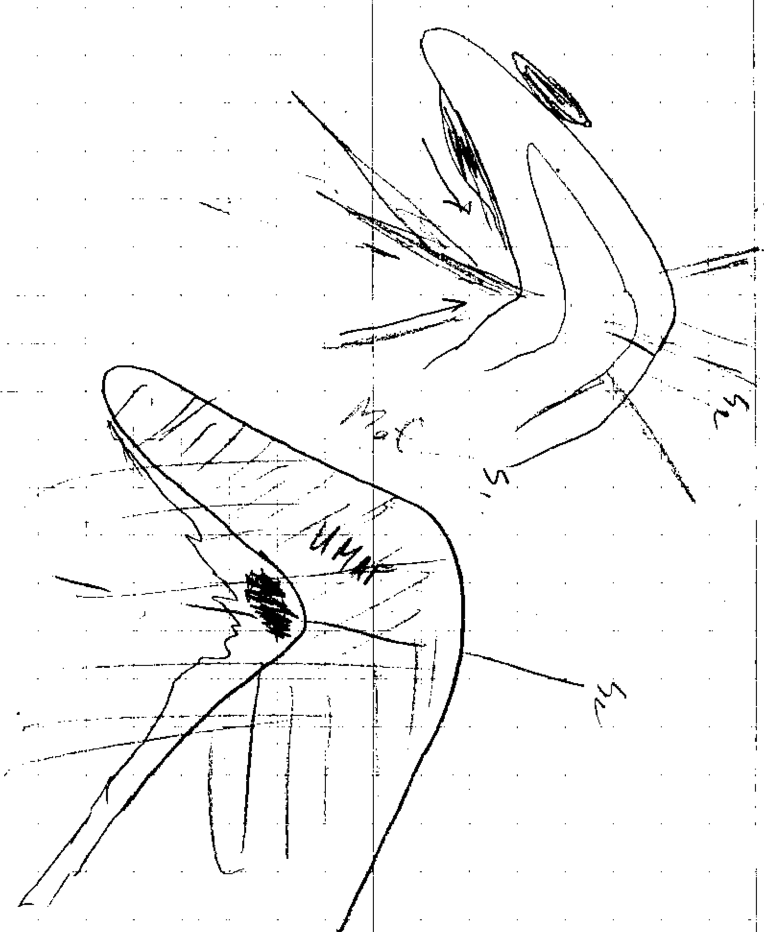
Much outcrop at north end of Mine Lake intensely sheared and altered felsic + mafic volcanics. Felsics are intensely sericitic altered + Fe-carb + mafics are pervasively Fe-carb + chlorite altered. Shear zone trends south beneath Mine Lake

S1 352/53

Outcrop 25m to the west is least deformed.

670645 / 5560081

Outcrop of felsic volc @ mafic volc/gabbro contact strongly sheared. Felsics Py/Ser. with 10-20cm wide qtz veins. South Mine Lake



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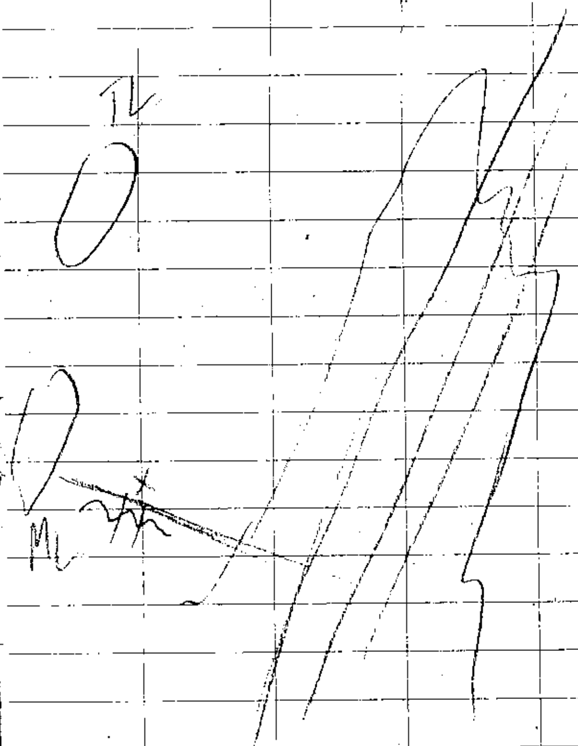
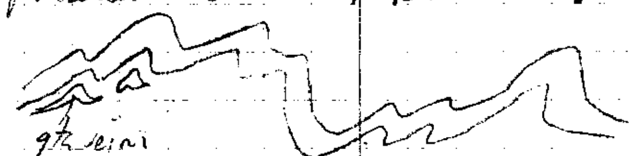


October 26/11

Continue washing + begin mapping Mine Lake Trench.

Structural Observations

At NW end of outcrop there are well exposed and developed F_2 folds that broadly to tightly fold a preexisting S_1 fabric. The folds plunge steeply to the NNE and occasionally refold earlier F_1 isoclinal folds. Early stage qtz veins are boudinaged parallel to the S_1 foliation.



At the southeast end of the trench a throughgoing late stage shear zone (D_3?) cross cuts all previous fabrics and does not appear to be folded about F_2 folds

Rite in the Rain

Paragon Minerals | Thursday Oct 21 2010

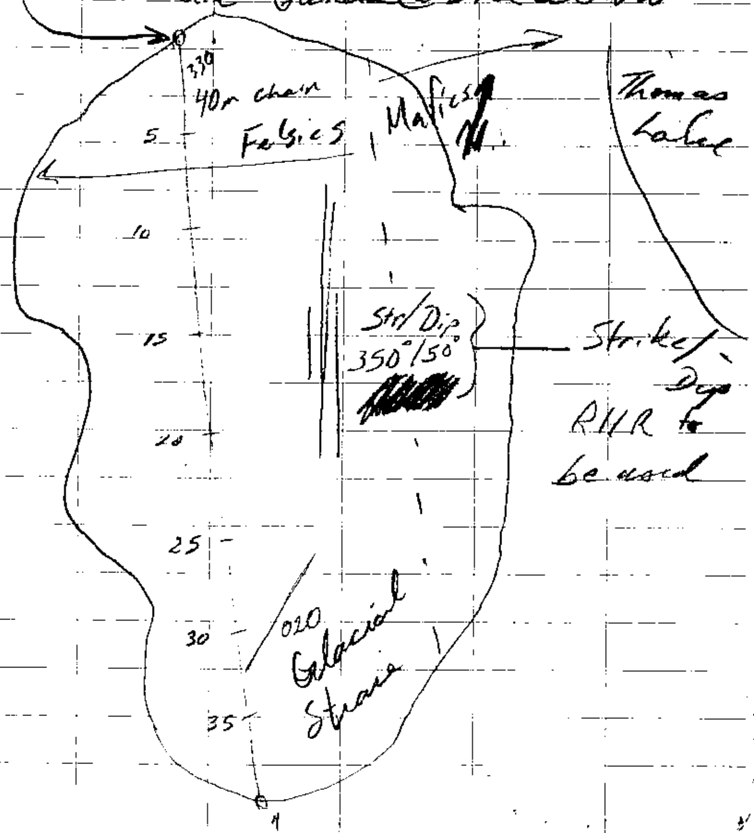
Thomas Lake Prospect

- Sunny
- NW wind
- ~4°C

TL-01 Base Line North End - 0m

E: 670 535 ±4m
N: 5561 969

- Base Line Trends @ ~~340~~ 330 NW



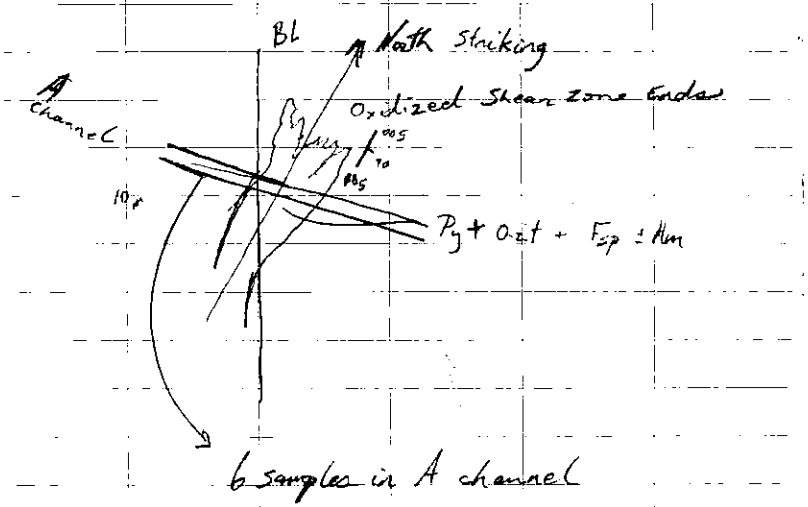
TL-02 E:
5m / 1.25m N:
BL / ABL

- Pale yellow-green, fg-mg'd, felsic tuff
- Streaked-out matrix w/ ser alt'n ± chl alt'n
- Sporadic oxidized cm-scale lenses; sometimes these are vugs.
- Chloritic lenses weakly disseminated
- Weak undulating fabric

5m / 1.8m → Minor 2cm shear

TL03 E:
10m / 1m N:

- Felsic Tuff; Pale grey, fg-mg'd, qzt-fsp matrix w/ scattered patches of mod-str disseminated sulphides
- mm-scale qzt eyes present.
- Locally massive sulphide, pyrite
- Where sulphides are oxidized, botryoidal [hm] is present.



6 samples in A channel

TL-04 E:
11m/5.5m N:

- Med-grey, Mg'd qzt-phyric felsic tuff w/ minor 6+ locally.

- Minor oxidized vugs, cm-scale
- 340/60

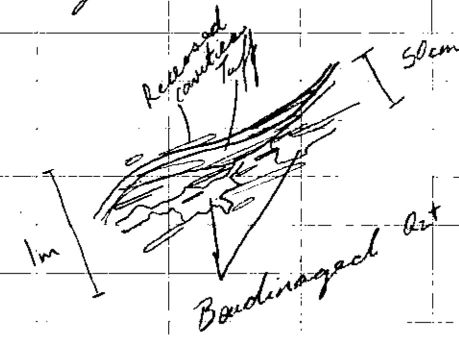
TL-05
12.5m/6m - Dark grey, green fg-mg'd, basalt(?) within oxidized Shear zone (1-3 ft)
- Minor Chloritization; else, the unit appears quite fresh.
- sugary appearance
- weak fabric as bands

TL-06 E:
20m/9.0m N:

- QV within shear zone cutting felsic tuff @ 330/65 or 340/65

- Tuffaceous zones occur with recessed weathered zones; crb zones(?)

- This zone displays open, gentle undulations



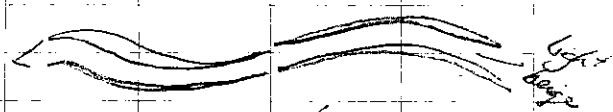
- Tuff locally displays Fe-crb alteration.

TL-07 E:

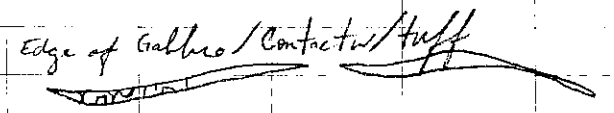
22m/5m N:

- 2ft wide sill
- Dark green-grey, fgd., gabbro.
- Weak chl, sugary appearance
- Unit modulated as open, gently folded along strike; occurs w/weak incplete boudinaging
- Appears interlayered with tuff, but I think this is caused by silicified lenses which give more resistance to weathering

25m/5m



gones w/more relief than host recessed light beige material



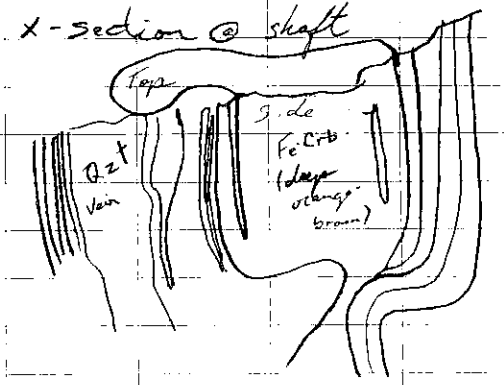
w/mm-scale dialation

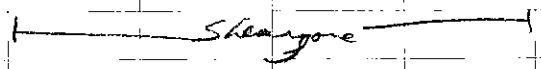
TL-08 E:

25m/0m N:

- Shear gone w/recessed weathering
- gone trends @ 335°
- Some open folds, boudinaging of m-scale fe-cab altered stuffs

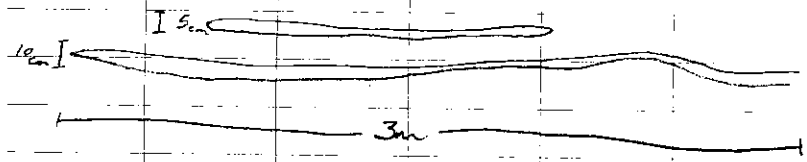
x-section @ shaft





TL-09 E:
27m/14m NE N:

- Shear zone gabbro w/ elongate lenses of fg Gb-gzt
- fg-mg'd, sugary appearance



TL-10 E:
25m/8m NE N:

- Upper Shear Zone w/ thin, cm-scale qz & thicker dm-scale Fe-Gb veins as boudinaged pinching in/out

355/50

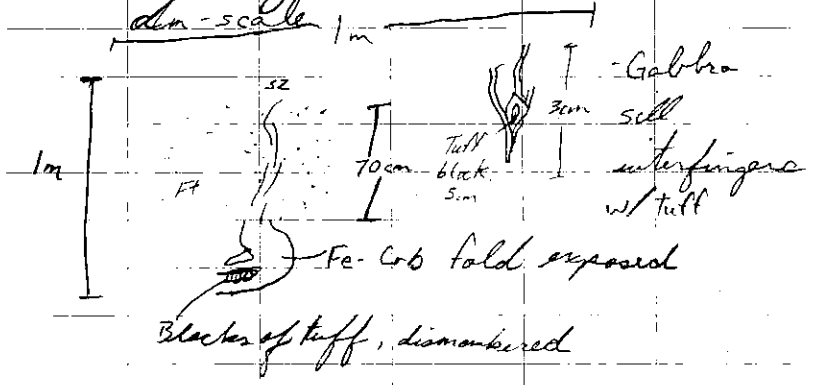
Friday Oct 22, 2010

Thomas Prospect

- Overcast, rain/snow
- Snow-covered ground

TL-11 E:
25m/10m N:

- Felsic tuff; mm-scale gyt-layers
- Minor localized shears trending NNW occur on dm-scale



- Gabbro sill occurs proximal to SZ; 1cm wide, & w/ 0.5cm alteration margins (contact metamplic)
- Tuff 340/60
- Shear Zone dips @ 175/75

TL - 12 E:

30m / 1m NE N:

- Qtz-Plag Tuff
- no sericitic alteration
- 360/62

TL - 13 E:

30m / 2.5m NE N:

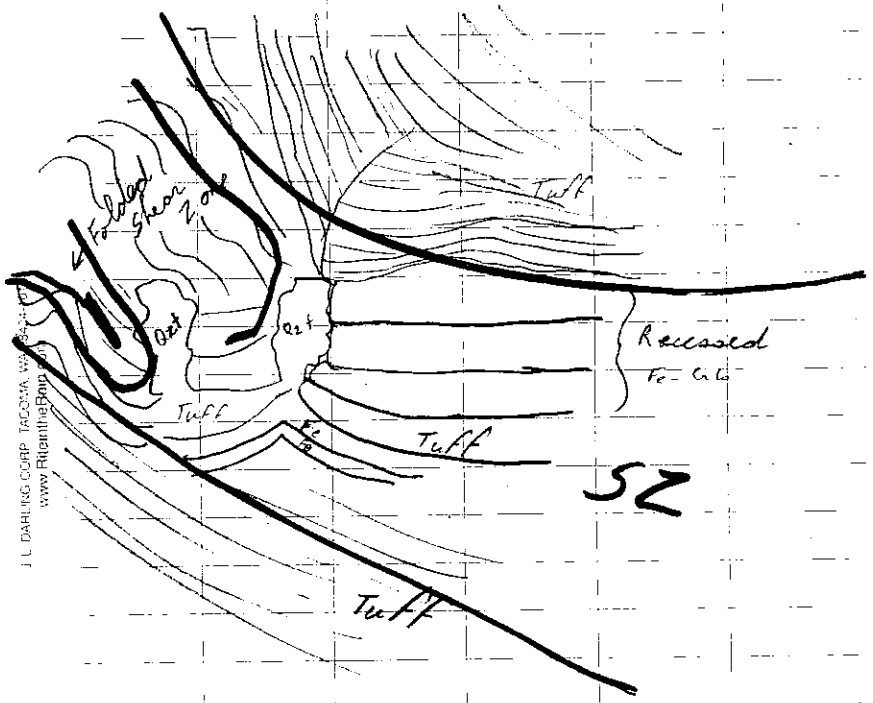
- Shear zone within Tuff
- This zone is part of the gabbro zone

TL - 14 E:

30m / 5m N:

- Middle shear zone
- Several layers of Fe-Cb; recessed weathered blocks of tuff set within Fe-Cb matrix

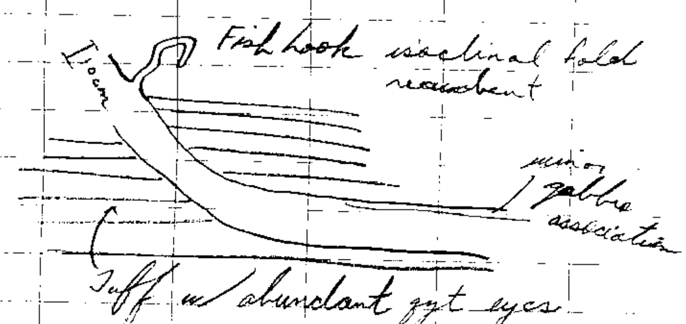
Vertical section of TL-14



- Shear zone is locally isoclinally folded, zone displays boudin
- Qtz occurs in low pressure domains

TL-15 E:
30m/10m NE N:

- Edge of water pit.
- Tuff w/ qtz veins ~~along layering~~
- QV is dischordant to layering x-cutting locally, but is layer parallel in other places.



QV: 360/80

TL-16 E:
31m/12m N:

- Felsic tuff; regularly layered
- mm-cm-scale qzt eyes throughout

TL-17 E:
35m/12m N:

- QV 330/90
Vein folded openly
- Pinches in/out over ~5-7m

TL-18 E:
35m/6m N:

- Shear Zone
- Intermixed tuffaceous material w/ Fe-Carb
- Middle Shear Zone

→

TL-18 continued...

- This shear zone folds & crosscuts tuff layer orientation & boudinages

Notes:

4 shear zones

1 - Top - Small 1mm; Qv + shear fabric + gabbro sill

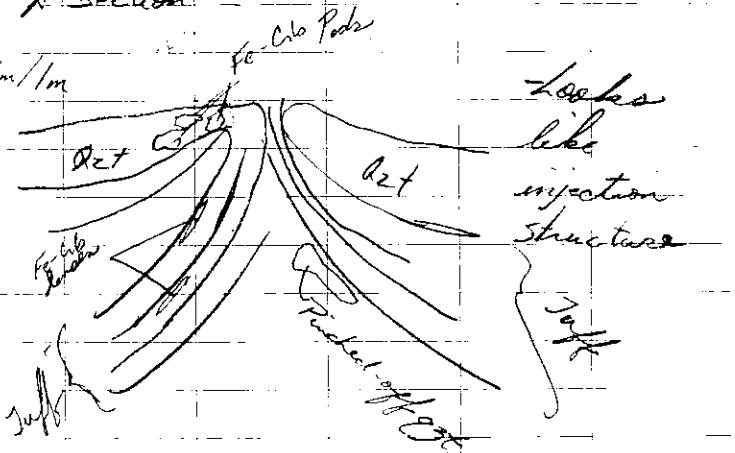
Zone
2 - Upper - fe-carb + qtz + gabbro - folded + boudinaged - splits from lower @ 25m / 16m NE
3 - Lower - Connected to upper - fe-Carb + qtz + gabbro

4 - Bottom

TL-19 E:
30m / 1m SW N:

- Qv set within tuff
- boudins in part
- 50cm width
- Occurs in association with fe-carbonate zones
- hosted by felsic tuff. Margins of tuff are weak-moderately sheared.

X-Section



TL-20 E:
25m/1m SE N:

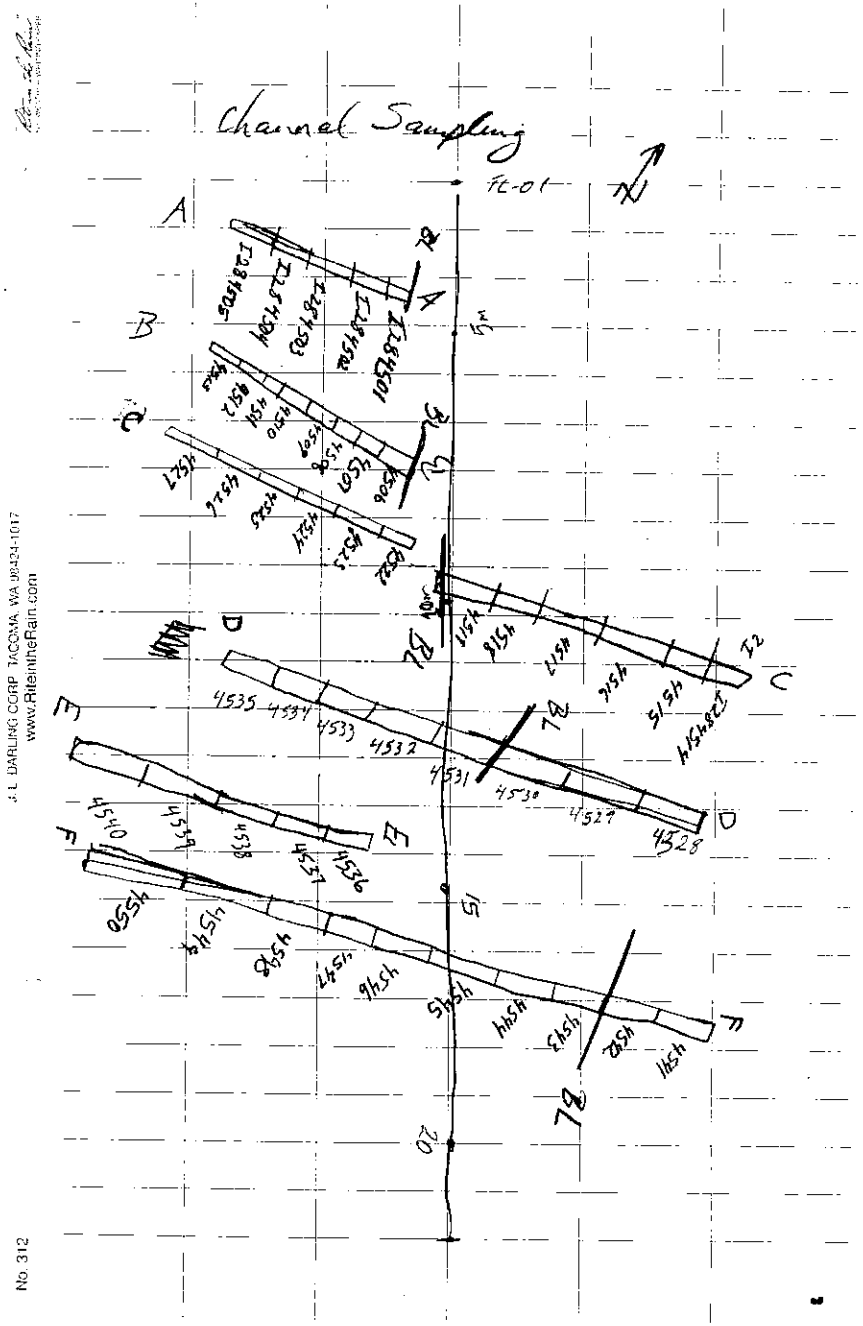
± Fe-carb, gtz & tuff

25a/2m

- 30cm Qv + Fe-carb pods
346/65
- Undulating layering

TL-21 E:
N:

- QV up to 1m wide in places
- Occurs broken/discontinuous; looks like a meandering vein; occurs intermixed w/ fe-carbonate pods & tuff layers.
- 335/65



Sat Oct 23, 2010 → Sunny, Calm

TL-22 E:
25m / 1m SE N:

- Most intense zone of sericite alteration

TL-23 E:
17m / 1.5m SE N:

- NE edge of qzt vein w/ chl stringers shooting through tuff + arb alteration

TL-24 E:
15m / 3.5m SE N:

- QV at bottom of lower shear zone.

- Tension gash qtz

qtz

TL-25 E:
13m / 5m SE N:

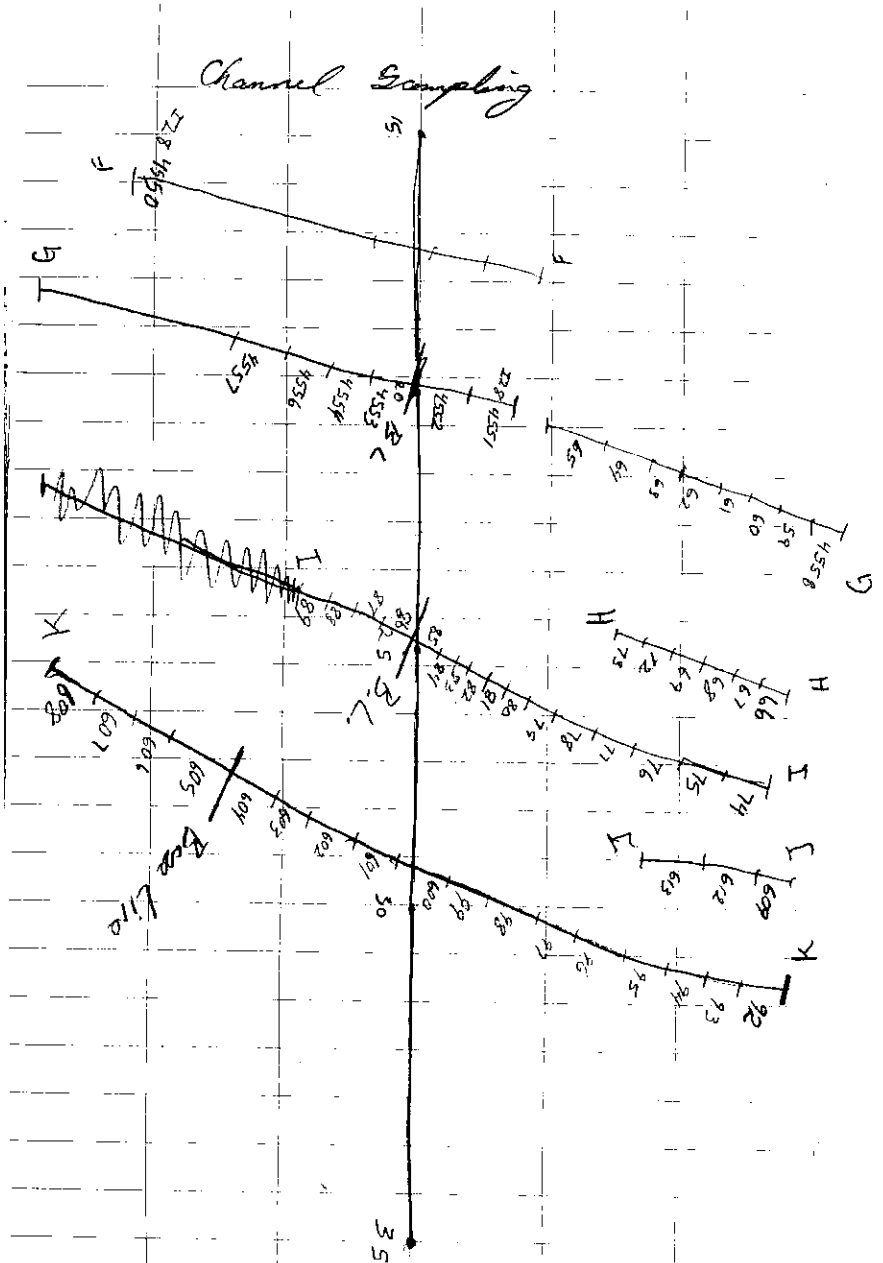
- Fractured shear w/ minor chl alteration + qtz gashes

- Intermixed w/ str-mt ser alt'n

Notes =

- The strongest ser alteration occurs in tuffs lower on the outcrop than the bottom shear zone.

- This suggests another shear zone lower in the layering, buried beneath overburden.



Channel Sample descriptions:

I284501

- Moderately ser-altered tuff.
- Weakly disseminated sulphide patches from mm to cm-scale.
- Cm-scale QV through sample; looks barren

I284502

- Weak to moderately ser altered tuff.
- minor fe-ch lenses occur disseminated throughout.
- Weakly diss sulp. proximal to qtz lenses.

I284503

- Same as 4502, but w/ more carbonate, + black chlorite.

I284504

- Weakly ser altd tuff
- diss qtz lenses
- diss, fg'd sulphides
- weak silicic overprint

I284505

- Same as 4504

I284506

- Same as 4504; increase in qtz eyes.

I284507

- Strong to intense carb altn; locally replacement
- Chl-rich tuff w/ strong ser altn
- disseminated qtz lenses w/ weak sulphides

Channel Sample descriptions:

I284508

- Mg'd, weakly ser, felsic tuff with lesser qtz vein component

I284509

- Qtz-carb intermixed w/ tuff + minor fe-carb component.

I284510

- Tuff + qtz vein
- weak ser
- minor carb component

I284511

- Mod-str ser felsic tuff.

I284512

- same as 4511.

I284513

- same as 4511

I284514

- Mod same as 4511

~~I2845~~

Channel Sample descriptions:

I284515

- Weak - mod ser altered tuff
- weak fe - carb lenses
- weak silicic overprint

I284516

- same as 4515, but w/ diss pyrite

I284517

- same as 15 & 16, but w/ increase in sulphide

I284518

- Strongly oxidized zone of tuff? Weak to mod silicic overprint
- moderate sulphides disseminated throughout, Arsenopyrite (?)

I284519

- Weakly ser + crb + chl altered tuff
- weakly oxidized surface

I284520

- Standard

I284521

- Blank; granite.

I284522

- Same as 4519

I284523

- Intermixed zone of crb + qtz
- Weak oxidization of surface side.

Channel sample descriptions

I284624 (5)

- Blue-grey-green, mg-cg'd felsic tuff
- minor sulphides, weak chlor, weak ser

I284625 (5)

- felsic tuff w/ qtz-crb-chl veining.
- weak-mod ser of tuffs

I284626 (5)

- Same as 4625

I284627 (5)

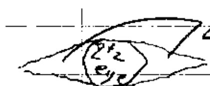
- same as 4624

Channel Sample description:

I284528:
- V. thin to thinly layered fresh felsic tuff, qtz lenses and weak-moderately oxidized bands of fe-cb stringers
- weak - mod ser. altn.
- mm-scale pyrite blebs scattered among cm-scale patches of disseminated sulphides

I284529
- Same as I284528
- Py ~~scatt~~ diss throughout

I284530
- Mod ser alt'd tuff w/disseminated chloritic lenses.
- increase in intensity of ser from samples 28 + 29.



qtz developing in pressure shadow

- No Py noted

I284531
- Same as sample 30.

I284532
- felsic tuff + qtz vein.
- Mod - str ser altn, appearing more schistose
- bands of dark blue-black chl alteration ~~=~~ overprinted w/ silicic alteration.
- spotty fe-carb alteration

I284533
- Same as I284532

Channel Sample descriptions:

I284634
- qtz vein w/ lesser carb + relict tuff clasts
- moderate fe-carb oxidization of superficial material.
~~- Rep sample taken~~

I284635
- blue-gray tuff w/ weak sericitization

I284636
- intermixed tuff and qtz-carb material

I284637
- Same as 4636

I284538
- intermixed tuff w/ qtz-carb
- weak ser; locally strong

I284539

- Moderately sericitized felsic tuff.

I284640

- Tuff w/ qtz vein dischordant to foliation

Channel Sample descriptions:

I284541

- Weak ser
- minor chloritization spots disseminated throughout
-

I284542

- Ser - chl - sil altered tuff
- Qtz lenses
- Py diss throughout
- fl - crb patchy

I284543

- Qtz vein = tuff
- chloritic [illegible] within qtz
- minor diss sulphides

Channel Sample descriptions:

I284546

- tuff w/ weak py as disseminated patches
- intermixed w/ qtz-crb veining

I284547

- strongly qtz-crb altered tuff.
- minor chl stringers resemble stylolites
- rare py

I284548

- tuff, barren

I284544

- Tuff
- Weak ser
- week oxidization of (surface material) fe-carbonate
- weak py

I2845

- Weak to mod ser altered tuff
- splashy sulphides
- qtz lenses diss throughout
- weak to strong fe-crb

I284549

- Intermixed qtz-carb-chl altered tuff and qtz vein.

I284550

- Same as 4549

Channel Sample descriptions:

I284551

- Blue-grey, felsic tuff w/ fe-carb clasts

I284552

- same as 4551

I284553

- abundant ~~tuff~~ fe-carb material w/ lesser tuff.

I284554

- same as 4551

Channel Sample descriptions

I284555
- blue-grey tuff
w/ weak chlorite, sericite
alteration.

I284556

- Intermixed tuff +
qtz-crb vein material

- Weak chl w/ mod sil

I284557

- Same as 4555

Q

Q

Q

Q

Q

Q

Q

Q

Channel Sample descriptions:

I284558

- Tuff w/ blue qtz eyes
- weak ser altn

I284559

- Same as 4558

I28 4560

- Intermixed qtz vein + tuff; w/ ser-chl-carb-sil overprint/alteration

I284561

- Same as 4558

I284562

- Same as 4558

I284563

- Intermixed qzt & tuff w/ weak chl of tuff
- minor carbonate replacement (?)

I284564

- Same as 4563
- minor gabbro sill, 3mm-5mm.

I284565

- Same as 4563

Channel Sample descriptions:

I284566

- Stockwork qtz-cbl hosted by tuff
- [redacted]
- weak chl

I284567

- Grey-blue tuff w/ mm-scale qtz eyes.
- minor ser-chl alteration

I284568

- Felsic tuff w/ glassy black chl (?) shards, qtz eyes

I284569
- Same as 4568

Channel sample descriptions:

I284572
- Intermixed qtz + tuff
- patchy qtz - chl - ser alteration

I284573
- grey-blue felsic tuff
- weakly disseminated pyrite
- sporadic qtz eyes

I284574
- Same as 4573

I284575
- Same as 4572

I284576
- Same as 4573

I284577

- Grey-blue tuff w/ diss qtz eyes
- sporadic chlorite

I284578

- Same as 4577
- patches of diss sulphides in bands

Channel Sample descriptions:

I284579

- Weak ser altd tuff
- weakly disseminated fe-crb lenses; weak oxidization of surface material

I284580

- moderate ser altd tuff
- v. weakly diss pyrite

I284581

- same as 4579
- minor chloritoid spots ≤ 1mm diss throughout

I284582

- same as 4579

I284583

- Weakly ser tuff
- Weak to mod silicified
- Minor py dissemination

I284584

- Variably ser altered from weak zones to strong zones
- Patchy cb alteration locally as complete recrystallization

I284585

- same as 4584
- qtz vein w/ significant fe-cb component.

Channel Sample descriptions:

I284587

- qtz-cb w/ lesser tuff

I284588

- tuff w/ mod-str ser alt^n
- minor v.fg'd sulphides

I284589

- same as 4588, but no sulphides

I284586

- blue-green tuff w/ weak-moderate ser-alt^n
- cg'd black chlorite spots, and weak qtz-cb veining

Channel Sample descriptions:

I284590
- Light grey, fgd, silicified tuff
- minor brk alteration
- weak sericitization

I284591 - standard

I284592 - blank

I284593 - same as 4590

I284594
- strongly qtz-ank-ser altered felsic tuff

I284595
- Tuff and qtz-ank veining

I284596
- Same as 4595

I284597

- same as 4595

I284598

- dty. tuff w/ lesser crb
- minor ser locally

Channel Sample descriptions:

I284600

- blue-grey, fg-mg'd tuff
- weak, fgd, widespdce - disseminated sulphides
- minor qtz-crb veins

I284601

- Grey, mg-cg'd, felsic tuff w/ weak-mod ser overprinting matrix.
- Rep. sample taken

I284623

- Same as 4601

I284602

- Light grey, fg'd felsic tuff.
- weak-moderate sericitization.

I284599

- Same as I284602

I284604

- Intermixed felsic tuffs and qtz vein material

Channel sample descriptions:

I284605

- Weak to moderately ser + sil + cb altered tuff
- minor oxidization of carbonate on surface

I284606

- Weak Same as 4605
- minor black chl(?) or bt(?) spots disseminated throughout

I284607

- Same as 4605

I284608

- Same as 4606

I284609
- thinly layered tuff
- weak ser altn
- sporadic v fine pyrite
- mm-scale blue qtz eyes
- punctuate unit.
→ I284610 + 4611, standard + blank.

I284612
- Qtz vein within tuff
- weak ser adjacent to
Q
L

I284613
- gray-blue felsic tuff w/ mm-
Q scale qtz eyes
- minor-moderate chl alteration
w/ weakly associated py

I284614
- massive qtz vein
- buff white

Wed Oct 26, 2016
- Rain / snow
- low winds
- 3°C - 5°C

Mine lake east - Trenching

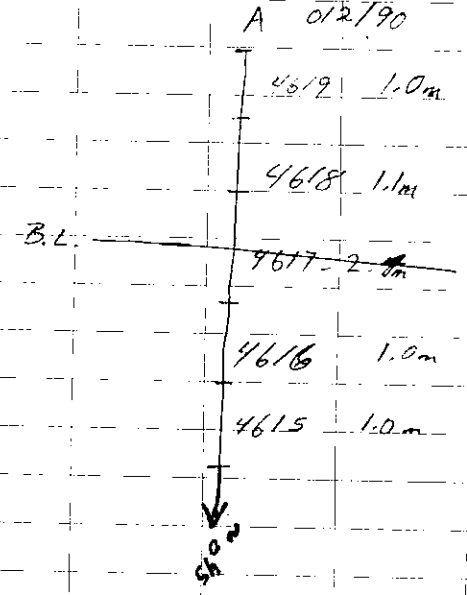
A Trench - I284615
- fg-mgd, chloritized mafic tuff
w/ qtz-carb veins/lenses
- significant oxidization on
surficial exposure

I284616
- Strongly oxidized fe-carb-rich
mafic tuff
- Abundant sulphides ≤5% as
disseminated patches

I284617
- Same as 16

I284618
- Same as 4616.
- zones of black chlorite (?) intermixed w/ qtz veins

I284619
- Same as 4618



B" - Trench

I284620
- Blue-green, fg-mgd, strongly qtz-chl-carb altered mafic tuff
- 1% wisely disseminated py throughout

I284621
- Same as 4620, but with qtz vein cutting through

I284622
- Same as 4620

- I284623
- Same as 4620
- much more chloritized
- sample was bounded by shear zones

I284624
- ma-scale plag ~60% hosted by (40%) amphibole & minor chloritization
- Sample occurs within shear zones

I284625
- Similar to 4620 & 4624
- abundant shear minerals; micas, chlorite, qtz-carb
- Sample taken partially in shear zone.

B - 020/90
4620 1.1m
4621 1.1m
4622 1.3m (along bp)
4623 1.1m
4624 1.0m
4625 1.0m

C- Trench

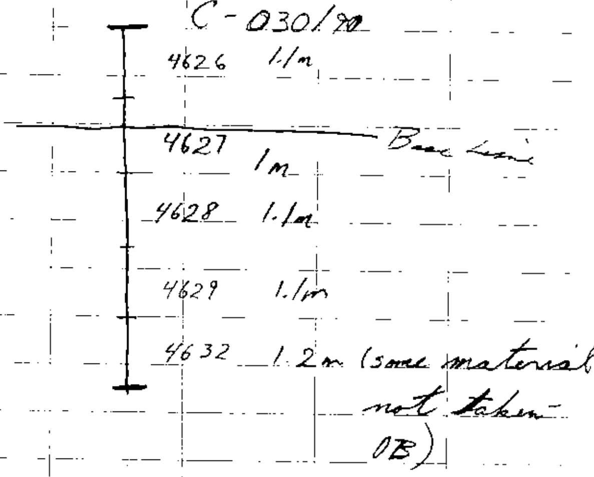
I284626
- Qt_2-carb altered mafic tuff
- ~~diss~~ ~ 5% diss py + rare cpy
- Schistose fabric

I284627
- Same as 4626

I284628
- v.fgd- fgd, mafic tuff or gabbro, homogeneous groundmass.
- weakly diss pyrite
- Two qtz veins cut through unit

I284629
- Shear zone + mafic material

I284630Ø2
- v. similar to 4628
- possibly less altered rock.



D" - Trench

I284633
- Blue green, mgd, mafic tuff & shear zone material
- Moderately disseminated chl spots, mm-scale
- Minor qtz-cb stringers

I284634
- Same as 4633, but w/ 12 cm qtz vein.
- Vein displays patchy altn.

I284635
- Mafic tuff, shear zone & qtz sample.

I284636
- Same as 4635

I284637
- Mostly qtz vein w/ lesser tuff.

I284638
- Very strongly altered mafic tuff + ~45% qtz vein material

I284639
- Intermixed qtz vein + shear zone material w/ lesser strongly altered mafic tuff.

D-012/90

4633	1.2m	
4634	1.0m	
4635	1.0m	50cm taken of mostly qtz!
B.L. — 4636	1.0m	
4637	1.0m	
4638	1.1m	
4639	1.0m	

"E" Trench

I284640
- Blue-grey-green, f.g'd mafic tuff w/ ≤10 cm qtz veining
- abundant shear material

I284641 → - Alternating qtz w/ mafic tuff - significant gouge / shear zone material

I284642
- QV w/ shear zone
- Fe-carb rich
- minor gouge / shear material

I284643
- Same as 4640

I284644
- Same as 4640

I28 4645
- QV + shear zone

I28 4646

- Mafic tuff ~~..~~ fg-mg'd
- weak-mod Fe-carb oxid

E - 012/90

4640 ~~0.9m~~ 1.0m

4641 0.9m

Bt

0.6m → 4642 ~~0.8m~~

1.0m → 4643 ~~0.9m~~ ~~(90% qtz/carb)~~

4644 ~~0.8m~~ 0.9m

4645 ~~0.9m~~ 0.9m

4546 0.9m

Thursday Oct, 27
- Snow capered O/C
- snow flurries
- -2°C

F: Trench

I28 4647
- CG'd gabbro
- Qtz vein, Scm, at basal contact
- minor chloritization
- weak-strong Fe-Cb altn on surficial exposure

I284648
- Same as 4647

I284649
- Same as 4647

F

4647 1.0m

4648 1.0m

4649 1.0m

"G" - Trench

I284650 - Std

I284651 - Blank

I284652
- CGd gabbro or mafic tuff w/ cgd chloritoid / sericite
- some qtz veining present
- minor py

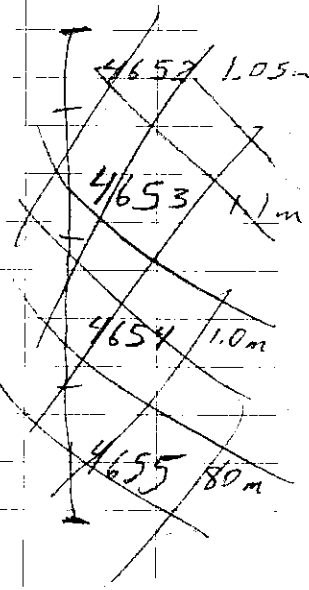
I284653
- Mafic tuff and qtz - arb
- minor py + cpy

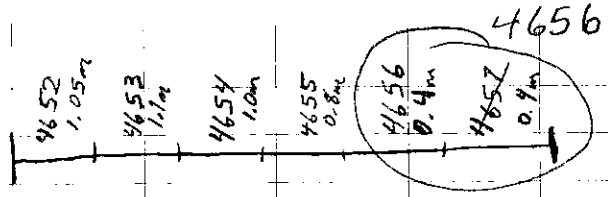
I284654
- Same as 4653

I284655
- Same as 4653

I284656
- Same as 4653

I284657
- Same as 4653





Grab samples of Qtz veins

I284657, 58 & 59 - See map for locations

"H" - Trench

I284660
- Blue-grey, mafic tuff w/ qtz veins
- minor rock oxidization on weathered surfaces

I284661
- Same as 4660

I284662
- QV w/ mafic inclusions
- minor Fe-carb component

I28 4663
- fg'd tuff to gabbro
- homogeneous groundmass
- rare sulfides

I284664
- fg'd tuff w/ coarse, euhedral py + fg'd, diss py throughout
- local gv's

I284665
- v. fg'd, homogeneous tuff w/ minor gv's

"I" Trench

I284666
- Mafic tuff, moderately chloritized w/ py throughout

I284668
- Same as 4666

I284668

H | 4660 (0.9m) | 61 (1.0m) | 62 (0.9m) | 63 (0.9) | 64 (0.9) | 65 (1.0) |

I | 4666 (0.6m) | 4667 (1.1m) | 4668 (1.0m) |

"J" Trench

I284669
- fg'd, mafic tuff w/ py disseminations

I284672
- cg'd mafic tuff w/ chl spots + py disseminations

J | 4673 (corrected to 69) , 4672 | → NW
.95m , 1.1m

"K"-Trench

I284673
- Intermixed qv & tuff

I284674
- Mostly tuff w/ some qv

I284675
- Oxidized tuff w/ minor qv

I284676
- QV w/ mafic inclusions

I284677
- Same as 4673

I284678
- Same as 4673

I284679
- Chl'd tuff or gabbro w/ signif. shear and diss. py throughout

K | 73 , 74 , 75 , 76 , 77 , 78 , 79 |
1.2m , 0.9m , 0.4m , 0.6m , 0.8m , 0.4m , 1.0m

L-Trench [illegible]

I284680
- Mafic tuff w/ qv

I284681
- Same as 80

I284682
- Mafic tuff w/ py diss

"M" - Trench
I284683
- Qtz vein w/ mafic tuff.

"N" - Trench
I284684
- QV w/ tuff + sericite gouge material

"O" - Trench
I284685
- intermixed qv + tuff
- py diss through tuff.

I284686
- Blotchy py in association with c/o jugs
- Tuff + qtz material

Friday Oct 29, 2010
- Sunny w/ clouds
- 0 -1 °C
- light Southerly wind
- chirping birds

Mine Lake North Trench

I284687
- heavily altered mafic?
- 5ani measure sulphide

E: 670443
N: 5560897

I284688
- weak - moderately silicified mafic w/ moderate gossanous surficial material
- 1/m SE of 87
- Abundant py

I284689
- QV + mafic (tuff?)
- abundant py
- 1m SE of 88

* I284690 + 91 are standard
+ blank respectively

I284692 + 93
- QV + semi-massive sulphide
1m SE of 4689

I284694 + 95

- QV + strongly altered mafic
tuff (?)
- semi-massive sulphide
E 670 454
N 5560889

I284696
- 2 m SE of 4694/95
- semi-massive sulphide
hosted by silicified mafic
tuff

I284697
- QV w/ weak oxidization
- minor py
3m SE from 4696

Channel Sample descriptions:

I284698
- Blue-green, cg'd ~~mafic~~ felsic tuff or mafic tuff of gabbro
- Qtz - Clb veins shooting throughout
- minor sulphides present

I284699

- Chloritized felsic tuff w/ lesser ~~shear~~ material + qv

I284700

- Qv in shear zone

I284701

- Intermixed qv + felsic tuff material

I284702

- Felsic tuff

I284703

- QV + felsic tuff

I284704

- Felsic tuff

Monday Oct 24, 2010

- overcast
- light rain
- light winds

Mine Lake North Trench

670456 / 5560890

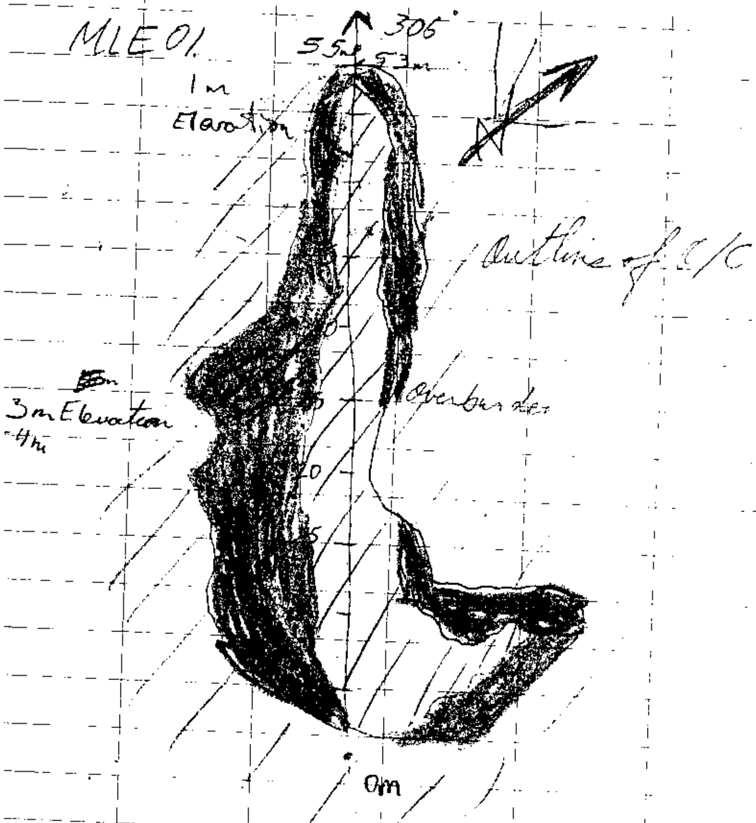
Sample Reference #'s:

RNF 19658, 19659, 24746

Tuesday, Oct 26
- Rain, Overcast
- periodic Wind

Mine Lake East Trench

MLE01



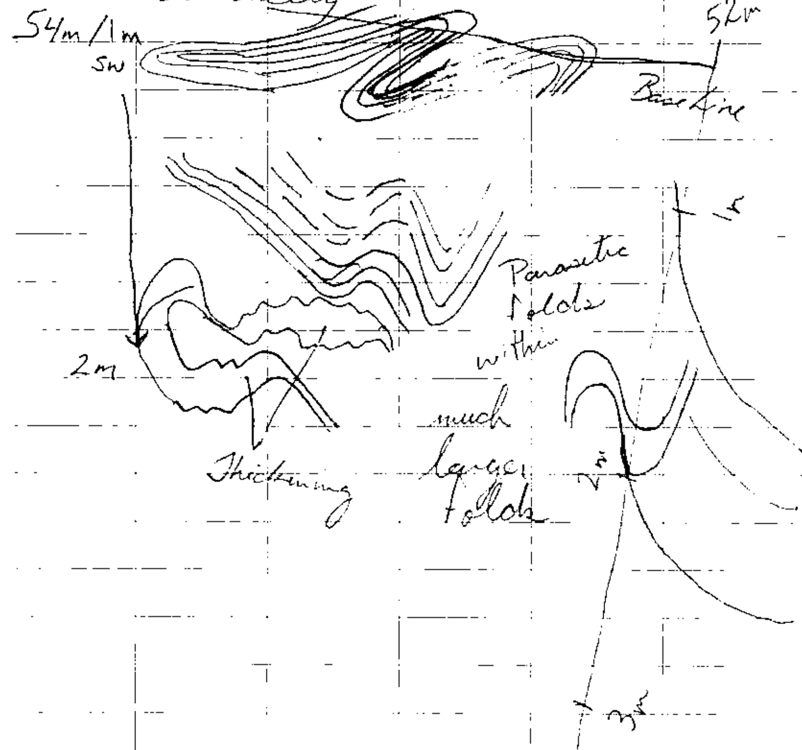
MLE01 E: 670884
0m/0m N: 5560109
SE on base line - 306°

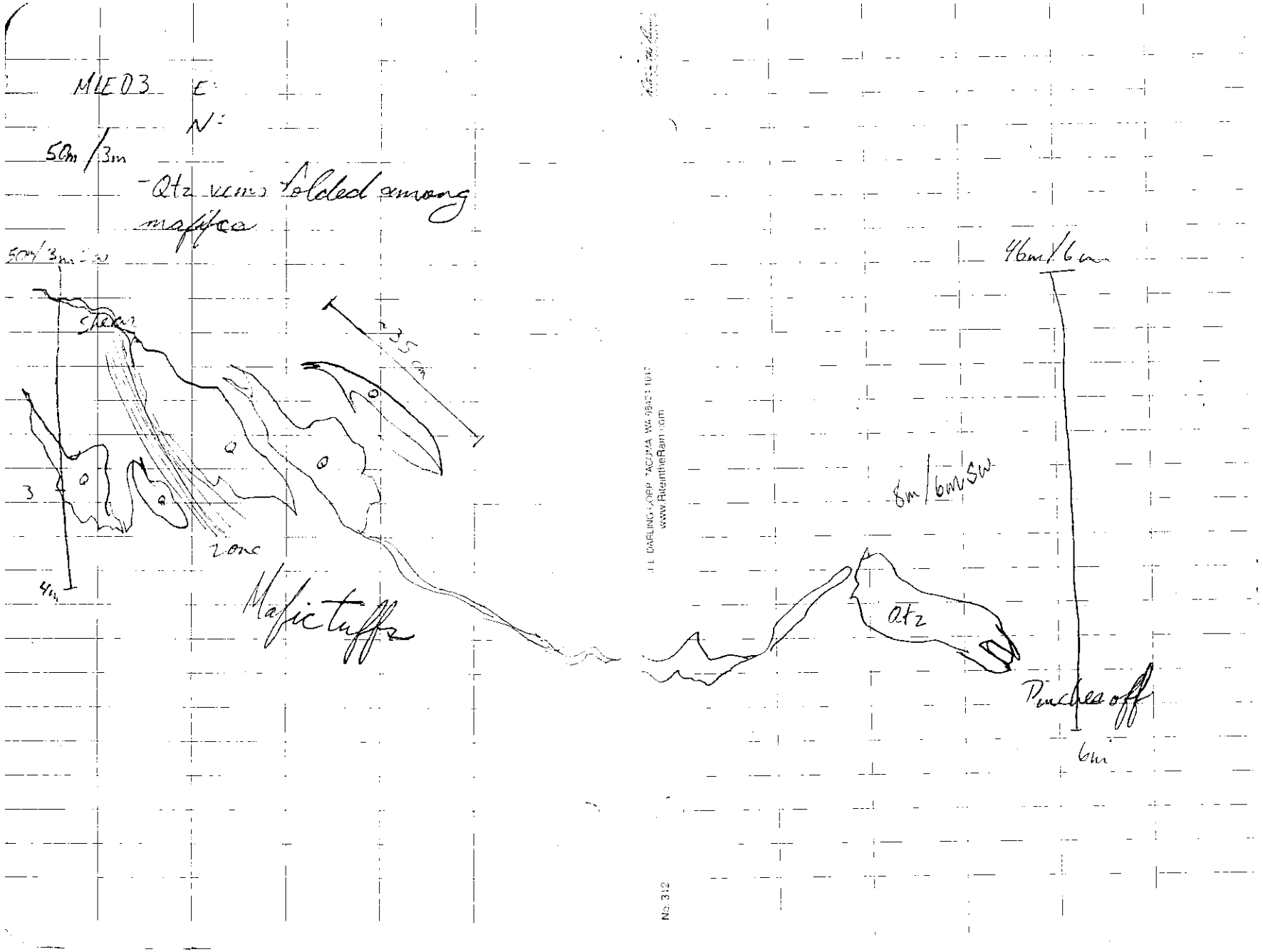
MLE02 E:
0m/55m N:

- Mafic
- deep grey-blue
- Mg'd groundmass
- weak-moderate chloritization
- This may be a strongly chloritized tuff
* Glacial striae north trending

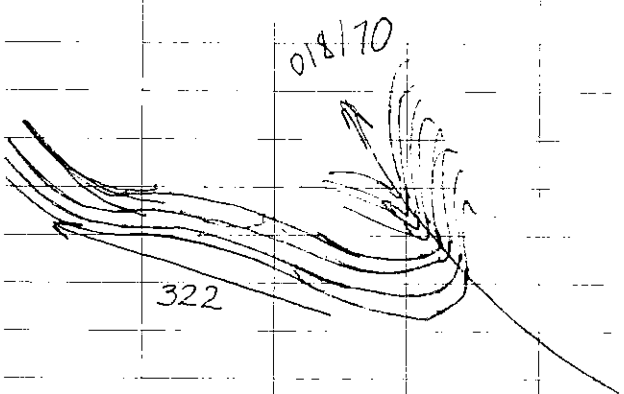
This zone is cut by qtz veins; folded NNE plunging @ moderate ~~~60~~ 55°

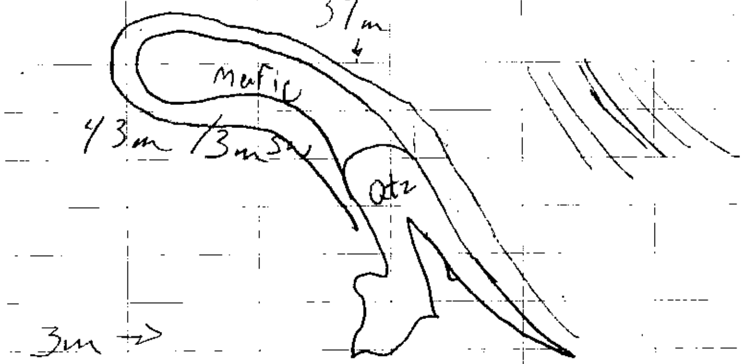
View looking down plunge; essentially a x-section




MLE03
E:
N:
50m / 3m
-Qtz veins folded among mafics
50m / 3m
Stream
Zone
Mafic tuffs
4m
46m / 6m
8m / 6m SW
Qtz
Pinches off
6m

MLE 04
40m / 11m SW
(7m horizontal)



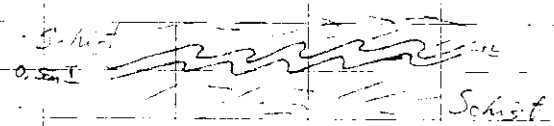


* To picture 39 - Photos taken
NW → SE
x → 39
from 3-5m SW of baseline


MLE05
40m/5m SW
025/80 SZ
40m/10m
37m/2m SW
37m/15m SW

MLE06 E:

19m/3m NE N:

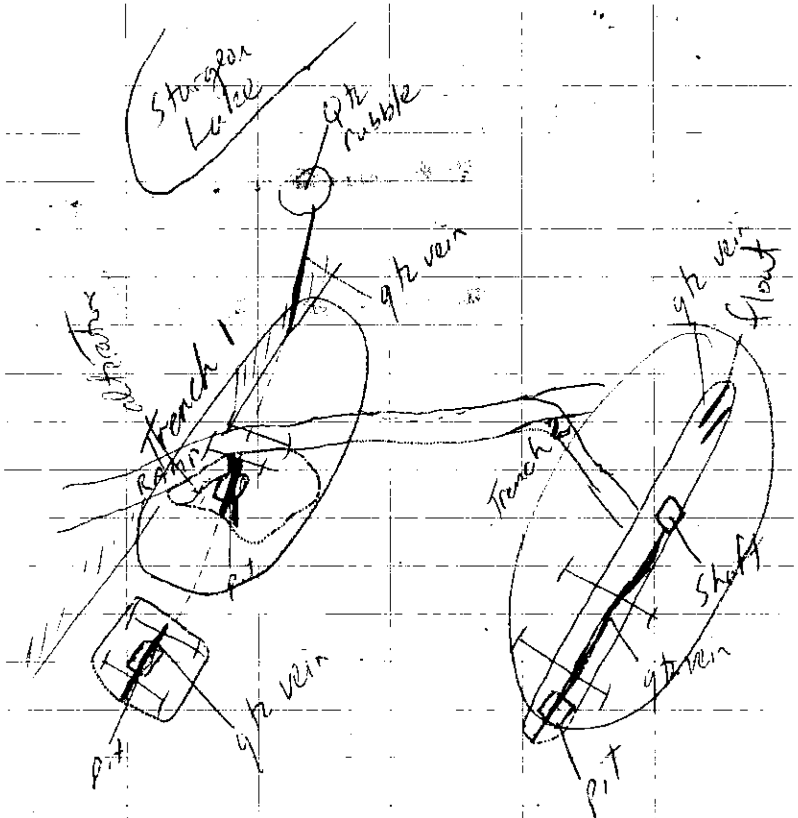


280/50

275-60

J.L. DARLING CORP. TACOMA, WA 98424-1017
www.RiteintheRain.com

No 312



807-584-2578

Saturday Oct 30, 2010
- Overcast
- moderate wind from North
- -1°C

Powell Trench 1 - Trench BL oriented 078

PT1 070/90 ENE
18m/2m SSE

- Weakly chl mafic tuff (?)

PT2 070/90
8m/1.5m NNW

- Weakly chl mafic tuff, cg'd matrix
- abundant qtz eyes, mm-scale
- Thinly layered
- Weak oxidization

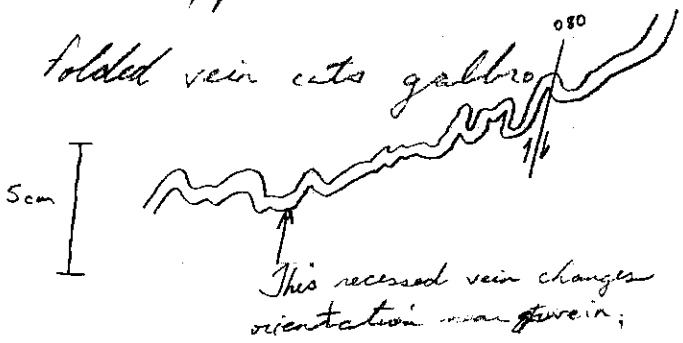
PT3
9m/2m NNW
- QV w/wallrock inclusions
- Cpy, malachite, Py w/ lesser Hm present
- Minor fe-carb association
- Wall rock v. weak sericitization
- QV discordant to layering/foliation

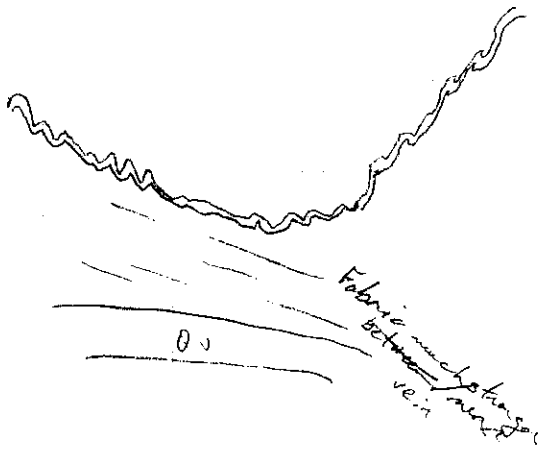
PT4
12m/5m NNW 200/85 SSE (15cm)
- QV continues from PT3
- Several QV orientations
  - 176/30 - thin vein; 2cm

PT5
11m/2m NNW
- Qv continuation
- Vein offsets

PT6
@ 11m/1m NNW

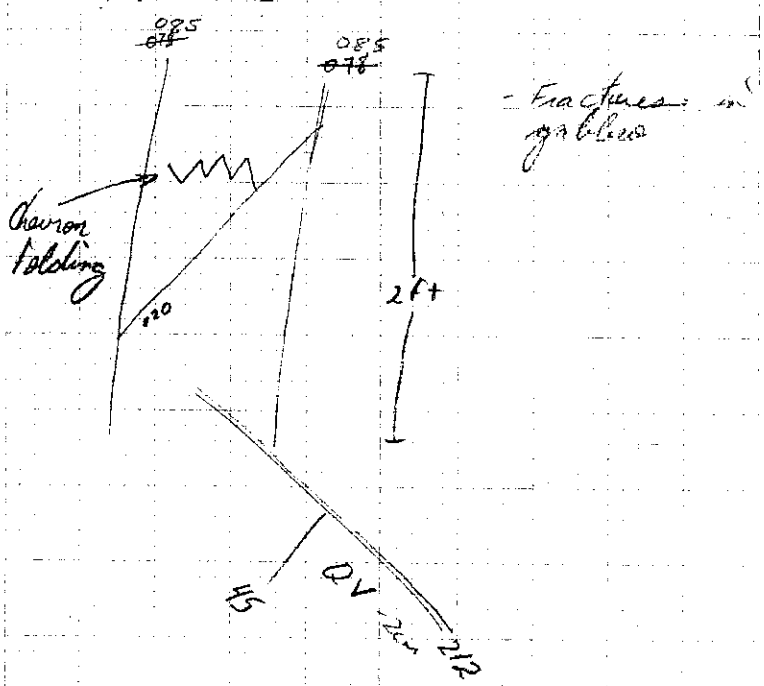
- Blue-green ~~mafic tuff~~/gabbro
- much more massive appearance
- v.f.g.d - f.g.d; weak fabric 071
- fracture sets - one set aligns with fabric, the other cuts fabric @ 080, parallel to base line.





PT7

14m / 0.5m SSE



PT8 085/90

9m / 5m SSE

- Felsic tuff w/ intense sulfuric alt^{n}
- Gossanous ~~contact between gabbro~~ + tuff.

~~Contact zone between tuff + gabbro is ± 2m wide.~~

PT9

11m / 2m SE

- Tuff
-

PT10

13m / 0m

- Gabbro / Tuff contact

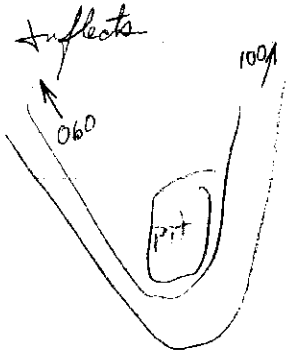
PT11

Powell Trench 3

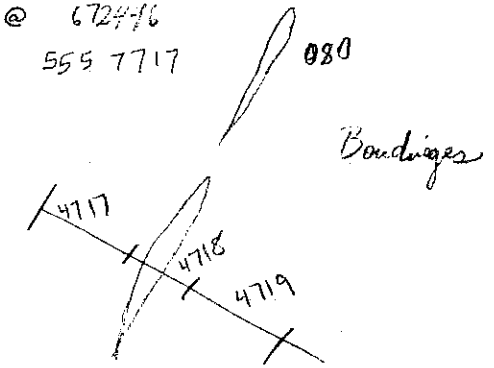
QV @ 672478
5557731

Trends ~060°

QV @ 672463
5557695



QV @ 672476
5557717



Sunday Oct 31, 2010

- Overcast
- No wind
- -1°C

Powell Trench 2
- South of PT1

PT2-1

- QV w/ orientation of 190/60
- Duff @ 052/85

PT2-2
- Shear zone w/ qtz-carb 040/85
  672361 / 5557691

Channel sample I284698 ~1m
→ This sample is in the same shear as I284705

Channel Sample descriptions

I284705 - 70cm
- Qtz vein w/ lesser tuff
- minor fe-carb alteration

I284706 1m
- Blue-green gabbro
- weak fe-carb alt^{n}

I284707 50cm
- Qtz vein w/ lesser gabbro component
- weak fe-carb oxidization

I284708 1m
- same as 4706, but w/ minor py

I284709 80cm
- same as 4706

I284710 - standard
I284711 - blank

I284712 50cm
- Qtz vein w/ weak fe-carb
- minor gabbro

I284713 80cm
- Same as 4706

I284714 80cm
- Same as 4708

I284715 50cm
- Qtz vein + lesser gabbro
- minor fe-carb alt'n

I284716 90cm
- Gabbro w/ coarse pg.
-

Channel Sample descriptions

I284717 - 1m
- Blue-green gabbro
- weak fe-carb alteration

I284718 - Qtz vein + minor gabbro
40cm component

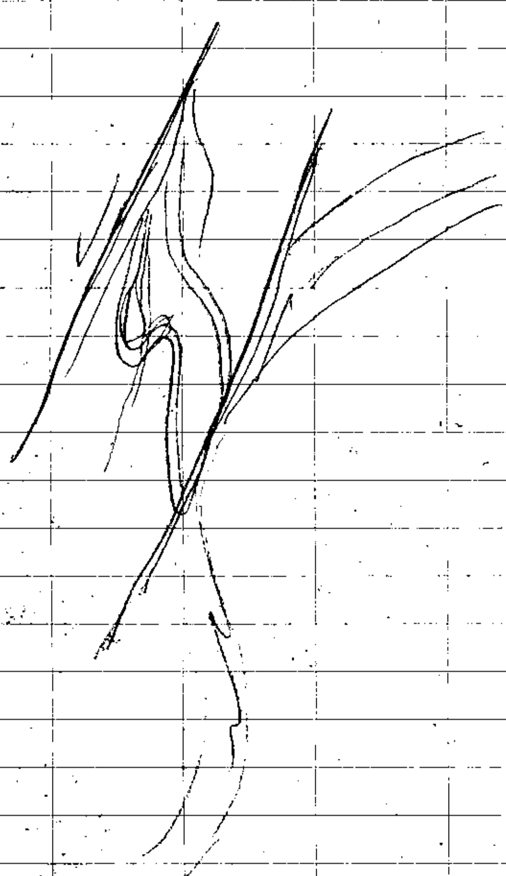
I284719 - 1m
- Same as 4717

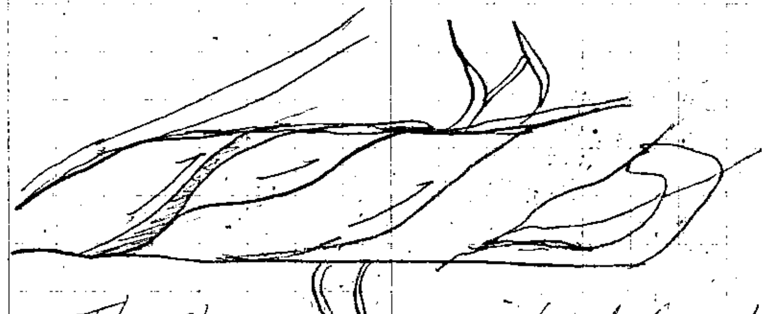
I284720 1m
- Blue-grey, eq'd gabbro
- weak fe-carb

I284721
- weak-mod fe-carb gabbro

I284722
- QV, black chl, gabbro

I 284723
- Same as 4722





The shear is a composite deformation zone comprising 10-30cm wide schistose zones cutting earlier fabrics that are associated with qtz + Fe-carb vein zones. The [illegible] veins climb up through the shear zone in a Riedel fashion. Pervasive Fe-carb alt. of the shear zone is present.
Not sure how this relates to gold bearing qtz veins in the centre of the trench

Rite in the Rain

660000 665000 670000 675000

5565000 5560000 5555000 5550000 5545000

N

Figure 5

Figure 7

Figure 6

Figure 8

Figure 9

Figure 10

Figure 11

0 0.5 1 2 3 4 5

Kilometers

Paragon Minerals Corporation

Gold Star Gold Project

Rock Sample Index Map

Drawn by: PGR	NTS: 052J/02	Figure 4
Scale: 1:50000	Datum: NAD83 Zone15	Dec. 8, 2010

669000 670000 671000 672000 673000 674000

5563000 5562000 5561000 5560000

0 125 250 500 750 1,000

Meters

N

Gold Assay (g/T)

- 0.01 - 0.10
- 0.11 - 0.50
- 0.51 - 1.00
- 1.01 - 5.00
- 5.01 - 276.00

4219494

4251281

4251280

4217370

4217371

4251279

04249672

4217372

4217277

4217373

4217374

RNF20775 RNF25835 RNF25723 RNF25724 RNF19677 RNF19676 RNF20776 RNF25836 RNF19678 RNF19679 RNF27582 RNF27583 RNF25834 RNF20762 RNF27581 RNF25764-65 RNF25729 RNF25725 RNF25772 RNF25766 RNF25771 RNF25726 - 28 I284614 RNF25767 - 70 RNF19680 - 81 RNF25773 RNF27565 RNF20752 RNF20751 RNF27568 RNF27566 RNF20753 RNF19698 RNF20756 RNF19700 RNF20757 RNF20758 RNF19699 RNF20759 RNF27572-74, 76 RNF27575 RNF27571 RNF20755 RNF27567 RNF27570 RNF20754 RNF27569 RNF25837 RNF20779 RNF19658, 59 I284687-89, 92-97 RNF24745, 46 RNF20780 RNF20785 RNF25838-40 RNF20781 RNF19648-50 RNF25892-94 RNF20782-84 RNF24736 RNF25895-99 RNF19651-53 I284657-59 RNF25900 RNF25841-43 RNF25844, 45 RNF20760 RNF27577 RNF27578 RNF25861 RNF27579 RNF25885 RNF25860 RNF25859 RNF20761 RNF27580 RNF24741 - 44 RNF20786-88 RNF19656, 57 RNF25878 RNF20789 RNF25884 RNF25883 RNF25873 RNF25882

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SAMPLE LOCATIONS

Drawn by: PGR	NTS: 052J/02	Figure:
Scale: 1:10000	Datum: NAD83 Zone15	Dec. 8, 2010

671000 672000 673000 674000 675000 676000

5560000 5559000 5558000 5557000

Gold Assay (g/T)

- 0.01 - 0.10
- 0.11 - 0.50
- 0.51 - 1.00
- 1.01 - 5.00
- 5.01 - 276.00

N

04249672 4251277 4251278 4217374 4224853 4251276 4251275 4224854 4251274 4251273

RNF25861 RNF25885 RNF25860 RNF25859 RNF27578 RNF27579 RNF20761 RNF27580 RNF25831 RNF25833 RNF25884 RNF25883 RNF25873 RNF25882 RNF25881 RNF25872 RNF25800 RNF25799 RNF25871 RNF25789 RNF25798 RNF27561 RNF20748 RNF24783 RNF20749 RNF19669 RNF25715 RNF25760 RNF25714 RNF19668 RNF19667 RNF19670 RNF25711-13 RNF25757-59 RNF20794 RNF25848 RNF20793 RNF24756-57 RNF25847 RNF25701 RNF27557 RNF25752-54 RNF20744-46 RNF20726-29 RNF19664 RNF25750, 51 RNF25702-04 RNF24755 RNF25710 RNF25705 RNF25708 RNF25709 RNF25707 RNF25706 RNF20721-25 RNF20747 RNF27555, 58, 59 RNF27563 RNF27564 RNF27562 RNF20750 RNF19675 RNF19674 RNF19673 RNF25722 RNF25721 RNF20792 RNF25730 RNF19672 RNF25761-63 RNF25716-20 RNF19671 RNF20732 RNF20733 RNF25756 RNF25901 RNF25902

0 125 250 500 750 1,000

Meters

Paragon Minerals Corporation

Gold Star Gold Project

SAMPLE LOCATIONS

Drawn by: PGR	NTS: 052J/02	Figure: 6
Scale: 1:10000	Datum: NAD83 Zone15	Dec. 8, 2010

666000 667000 668000 669000 670000 671000

5560000 5559000 5558000 5557000

N

4224449 4219491 4217372 04249672

4219398

4224456 4224406 4217373 4217374 4251276

4219400

3001270 4224446

4224469 4224447

4224462

4224472 4224465 4251271

RNF25900 RNF25841-43 RNF25844, 45 RNF24741 - 44 RNF20786-88 RNF19656, 57 RNF25878 RNF20789 RNF25874-76 RNF25886-91 RNF24737 RNF24739-40 RNF19655 RNF25890 RNF25877 RNF25891 RNF19654 RNF24738

Gold Assay (g/T)

- 0.01 - 0.10
- 0.11 - 0.50
- 0.51 - 1.00
- 1.01 - 5.00
- 5.01 - 276.00

0 125 250 500 750 1,000

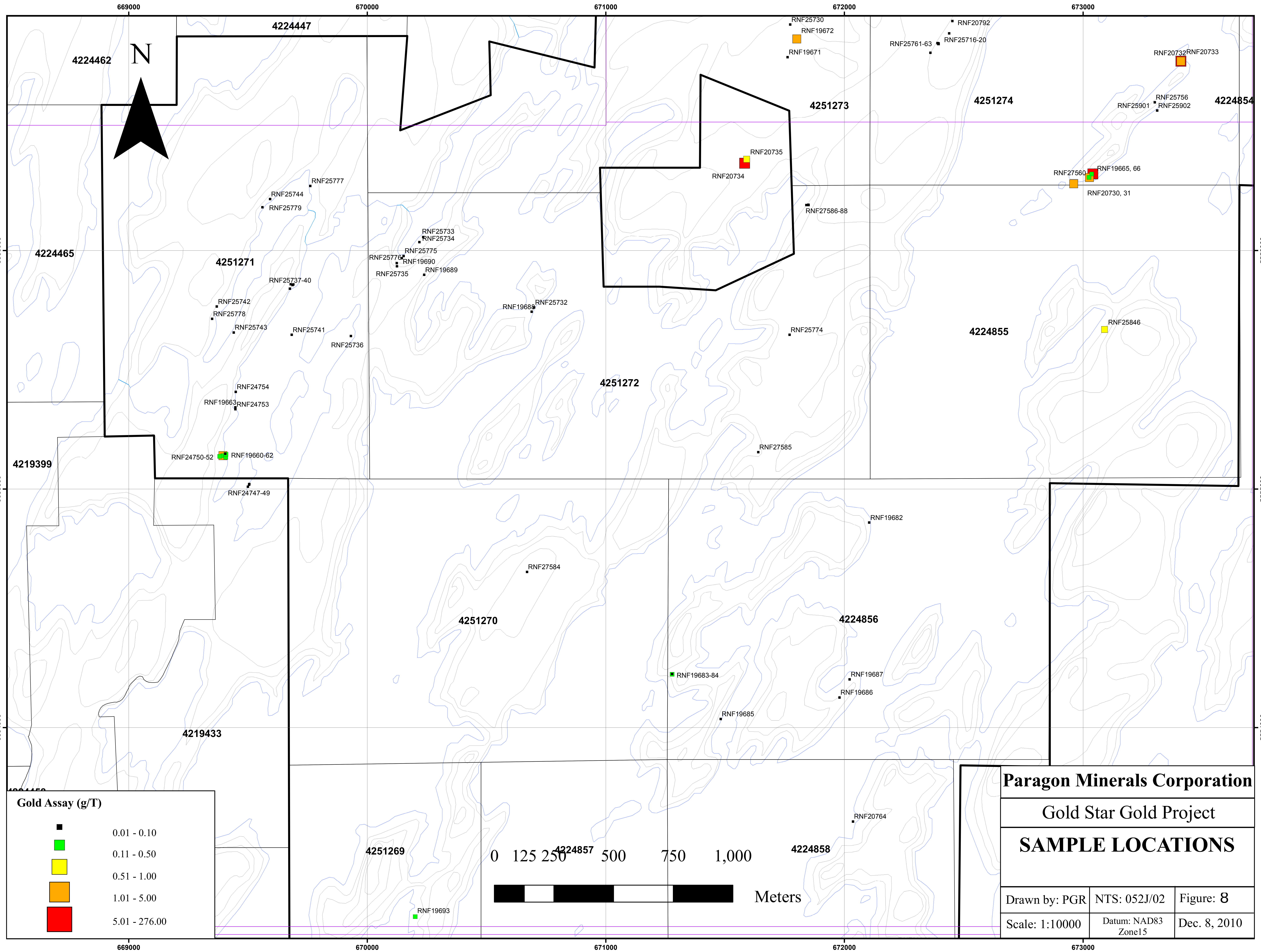
Meters

Paragon Minerals Corporation

Gold Star Gold Project

SAMPLE LOCATIONS

Drawn by: PGR	NTS: 052J/02	Figure: 7
Scale: 1:10000	Datum: NAD83 Zone15	Dec. 8, 2010


Paragon Minerals Corporation
Gold Star Gold Project
SAMPLE LOCATIONS
Drawn by: PGR
NTS: 052J/02
Figure: 8
Scale: 1:10000
Datum: NAD83 Zone15
Dec. 8, 2010
Gold Assay (g/T)
0.01 - 0.10
0.11 - 0.50
0.51 - 1.00
1.01 - 5.00
5.01 - 276.00
0 125 250 500 750 1,000
Meters
N
669000
670000
671000
672000
673000
5556000
5555000
5554000
4224447
4224462
4224465
4251271
4251273
4251274
4224854
4224855
4251272
4219399
4251270
4224856
4219433
4251269
4224857
4224858
RNF25730
RNF19672
RNF19671
RNF20792
RNF25716-20
RNF25761-63
RNF20732
RNF20733
RNF25756
RNF25901
RNF25902
RNF20735
RNF20734
RNF27560
RNF19665, 66
RNF20730, 31
RNF27586-88
RNF25777
RNF25744
RNF25779
RNF25733
RNF25734
RNF25775
RNF25776
RNF19690
RNF25735
RNF19689
RNF25737-40
RNF25742
RNF25778
RNF25743
RNF25741
RNF25736
RNF19688
RNF25732
RNF25774
RNF25846
RNF24754
RNF19663
RNF24753
RNF24750-52
RNF19660-62
RNF24747-49
RNF27585
RNF19682
RNF27584
RNF19683-84
RNF19687
RNF19686
RNF19685
RNF20764
RNF19693

668000 669000 670000 671000 672000 673000

5553000 5552000 5551000 5550000

N

RNF25879
RNF25880
RNF19643
RNF19644-47
RNF19694
RNF19691
RNF19692
RNF19695
RNF25849
RNF20795
RNF19696
RNF20796
RNF19697
RNF25850
RNF24758-60
RNF27596
RNF27594
RNF27595
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RNF20763
RNF20766
RNF20767
RNF27590
RNF27589
RNF27593
RNF20765
RNF27592
RNF27591
RNF20768
RNF20769
RNF27598
RNF27599
RNF27600
RNF20770
RNF20771
RNF20778
RNF20777

4224458
4219393
4219394
4251269
4224857
4251282
4224858
4219391
4219392
4257459
4251283
4219388
4219389
4257460
4251284
4224859
4257461
4224408
4251285

0 125 250 500 750 1,000
Meters

Gold Assay (g/T)

- 0.01 - 0.10
- 0.11 - 0.50
- 0.51 - 1.00
- 1.01 - 5.00
- 5.01 - 276.00

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SAMPLE LOCATIONS

Drawn by: PGR	NTS: 052J/02	Figure: 9
Scale: 1:10000	Datum: NAD83 Zone15	Dec. 8, 2010

N

0 125 250 500 750 1,000

Meters

665000 666000 667000 668000 669000

5549000 5548000 5547000 5546000

4219435 4219436 4219437 4257461 4224407

4219451 4219450 04224412

4251264 4244355

4251265 4251267 4244356

RNF20774 RNF20773 RNF25829 RNF25832

RNF25851 RNF25853 RNF25852 RNF25854 RNF25855

RNF25797 RNF25788

RNF25784 RNF25791-95 RNF25785 RNF25787 RNF25796 RNF25786

Gold Assay (g/T)

- 0.01 - 0.10
- 0.11 - 0.50
- 0.51 - 1.00
- 1.01 - 5.00
- 5.01 - 276.00

Paragon Minerals Corporation

Gold Star Gold Project

SAMPLE LOCATIONS

Drawn by: PGR	NTS: 052J/02	Figure: 10
Scale: 1:10000	Datum: NAD83 Zone15	Dec. 8, 2010

662000 663000 664000 665000 666000 667000

5546000 5545000 5544000 5543000

N

1248342 1248341 1248343 1248344

4241687 4251265 4251267 4251261 4224461 4244356 4219402 4219403 4224460 4251260 3016741

RNF25797 RNF25788 RNF25858 RNF25857 RNF25856 RNF20772 RNF25783 RNF25790 RNF25749 RNF25782 RNF25748 RNF25781 RNF25747 RNF25745 RNF25746 RNF25780

Gold Assay (g/T)

- 0.01 - 0.10
- 0.11 - 0.50
- 0.51 - 1.00
- 1.01 - 5.00
- 5.01 - 276.00

0 125 250 500 750 1,000 Meters

Paragon Minerals Corporation

Gold Star Gold Project

SAMPLE LOCATIONS

Drawn by: PGR	NTS: 052J/02	Figure: 11
Scale: 1:10000	Datum: NAD83 Zone15	Dec. 8, 2010

670550

670575

5561950

N

4217371

Sericite Schist

Sericite Schist

Blast Pit

Blast Pit

Legend

Structure

- Axial Hinge
- Bedding/Foliation
- Axial Plane
- Channel Samples
- Trench Outline

Geology

- Fe Carbonate Alteration
- Felsic Tuff
- Gabbro
- Mafic Tuff
- Quartz Vein

Gold Assay (g/T)

- 0.01 - 0.10
- 0.11 - 0.50
- 0.51 - 1.00
- 1.01 - 5.00
- 5.01 - 276.00

0 2.5 5 10

Meters

Paragon Minerals Corporation

Gold Star Gold Project

THOMAS LAKE TRENCH

Drawn by: PGR	NTS: 052J/02	Figure:12
Scale: 1:100	Datum: NAD83 Zone15	Nov. 23, 2010

670825

670850

5560350

5560350

0 2.5 5 10

Meters

N

Boarder Shear Zone

Isoclinal folding

Thickening at hinge

Shear Continuation Interred

Blast Pit

Shear cutting through/defining fold hinges

Open folding

Shear planes converge

Quartz > Fe-Carbonate zone

Shear plane

Shear plane

I284685 I284686 I284666 I284667 I284668

I284665 I284664 I284663 I284662 I284661 I284660 I284659

I284669 I284672

I284658 I284656 I284655 I284654 I284653 I284652 I284657

I284673 I284674 I284675 I284676 I284677 I284678 I284679

I284649 I284648 I284647

I284680 I284681 I284682

I284640 I284634 I284633 I284641 I284642 I284643 I284644 I284635 I284684 I284645 I284646 I284636 I284637 I284638 I284639 I284626 I284627 I284628 I284629 I284632

I284620 I284621 I284622 I284623 I284624 I284625 I284683 I284615 I284616 I284617 I284618 I284619

Legend

Structure

- Axial Hinge
- Bedding/Foliation
- Axial Plane
- Channel Samples
- Trench Outline

Geology

- Fe Carbonate Alteration
- Felsic Tuff
- Gabbro
- Mafic Tuff
- Quartz Vein

Gold Assay (g/T)

- 0.01 - 0.10
- 0.11 - 0.50
- 0.51 - 1.00
- 1.01 - 5.00
- 5.01 - 276.00

Paragon Minerals Corporation

Gold Star Gold Project

MINE LAKE TRENCH
MINE LAKE AREA

Drawn by: PGR	NTS: 052J/02	Figure:13
Scale: 1:100	Datum: NAD83 Zone15	Nov. 23, 2010

670825

670850

672300 672325 672350 672375 672400 672425 672450 672475 672500 672525

5557775 5557750 5557725 5557700 5557675 5557650 5557625

N

Antiform

Parasitic folds

Shear zone

Shaft

Gossan

Trench 1

Inferred continuation of Shear zone

Shaft

Trench 2

Trench 3

Blast Pit

Blast Pit

West Pit

Blast Pit

Legend

Structure

- Axial Hinge
- Bedding/Foliation
- Axial Plane
- Channel Samples
- Trench Outline

Geology

- Fe Carbonate Alteration
- Felsic Tuff
- Gabbro
- Mafic Tuff
- Quartz Vein

Gold Assay (g/T)

- 0.01 - 0.10
- 0.11 - 0.50
- 0.51 - 1.00
- 1.01 - 5.00
- 5.01 - 276.00

0 5 10 20

Meters

Paragon Minerals Corporation

Gold Star Gold Project

POWELL TRENCHES
POWELL PROSPECT

Drawn by: PGR	NTS: 052J/02	Figure:14
Scale: 1:500	Datum: NAD83 Zone15	Nov. 23, 2010

672350

672375

N

0 2.5 5 10

Meters

Antiform

I284701
I284700
I284699

I284704
I284703
I284702

Parasitic folds

Shaft

I284705
Gossan

Trench 1

Inferred continuation of shear zone

4251274

5557700

5557700

Inferred continuation of shear zone

I284698

Shaft

Trench 2

Legend

Structure

- Axial Hinge
- Bedding/Foliation
- Axial Plane
- Channel Samples
- Trench Outline

Geology

- Fe Carbonate Alteration
- Felsic Tuff
- Gabbro
- Mafic Tuff
- Quartz Vein

Gold Assay (g/T)

- 0.01 - 0.10
- 0.11 - 0.50
- 0.51 - 1.00
- 1.01 - 5.00
- 5.01 - 276.00

672350

672375

Paragon Minerals Corporation

Gold Star Gold Project

POWELL TRENCHES 1&2
POWELL PROSPECT

Drawn by: PGR	NTS: 052J/02	Figure:15
Scale: 1:100	Datum: NAD83 Zone15	Nov. 23, 2010

672425 672450 672475 672500

5557750 5557725 5557700

0 2.5 5 10

Meters

N

Trench 3

4251274

Blast Pit

I284724

I284723

I284722

I284721

I284720

I284719

I284718

I284717

I284709

I284712

I284713

I284706

I284707

I284708

I284714

I284715

I284716

Legend

Structure

- Axial Hinge
- Bedding/Foliation
- Axial Plane
- Channel Samples
- Trench Outline

Geology

- Fe Carbonate Alteration
- Felsic Tuff
- Gabbro
- Mafic Tuff
- Quartz Vein

Gold Assay (g/T)

- 0.01 - 0.10
- 0.11 - 0.50
- 0.51 - 1.00
- 1.01 - 5.00
- 5.01 - 276.00

Paragon Minerals Corporation

Gold Star Gold Project

POWELL TRENCH 3
POWELL PROSPECT

Drawn by: PGR	NTS: 052J/02	Figure:16
Scale: 1:200	Datum: NAD83 Zone15	Nov. 23, 2010