2.51573

REPORT ON
THE 2011 PROSPECTING AND TRENCHING PROGRAM OF THE ST. ANTHONY PROPERTY KENORA M.D., ONTARIO

In the Beckington Lake, Squash Lake and Fourbay Areas of Patricia Mining Division, Ontario Canada

NTS 52J/02

UTM Nad83 Zone 15

5550000N, 665000E

For

PACIFIC IRON ORE CORPORATION

By

G.Evans, Alasdair Mowat

3/5/2012

TABLE OF CONTENTS

APPENDICES

TABLES

ILLUSTRATIONS

1-INTRODUCTION

Pacific Iron Ore Corporation, by amalgamation in 2008 with Emerald Fields, has acquired the largest past producing goldmine in the Kenora–Patricia Mining District of Ontario. The original mine and property was acquired by option in 2002 and is known as the St. Anthony property. The *St. Anthony Mine is* located in the Sturgeon Lake Greenstone geological Belt and produced 63,310 oz. gold from 332, 720 tons with an average recovered grade of 0.191 ounce gold per ton.

The property lies along the eastern shore of the North Arm of Sturgeon Lake extending south and west to the King Bay area. This contiguous group of claims is located southeast of the community of Savant and south of the CNR railine. While infrastructure is generally quite good exploration has been subdued since the 1980's in part due to lack of road access.

This large property covers a majority of an extensive gold camp known as the Sturgeon Lake gold belt. The properties contain at least 22 documented gold occurrences that typically individually consist of a number of prospects. Gold exploration has been conducted intermittently since the late 1800's on numerous conventional high grade Au in quartz vein prospects which are present across much of the length of the St. Anthony property. These occurrences are hosted in several rocktypes within late structural zones and are commonly associated with QFP dykes and occasional stocks which the author believes maybe causative intrusions. The area has been largely explored for the traditional high grade quartz vein target (this camp has gold values typically ranging in the 0.5-2.0 opt Au range). A prospecting and trenching program was conducted in the fall of 2011 to locate a number of these historic showings and assess initial economic potential of these targets. Details of work are included in the prospecting and trenching sections.

2-LOCATION, PHYSIOGRAPHY AND ACCESS

The St. Anthony property covers much of a peninsula separating the North arm of Sturgeon Lake from the Northeast arm of Sturgeon Lake. This area has low rolling relief with a maximum elevation change of only 60 meters from a base elevation of approximately 400 meters. Cover is typical northern Ontario bush with pine and fir and cedar conifer forest cover with aspen and birch margins to numerous bogs and swamps.

The St.Anthony property can be accessed by floatplane while the lake is open from Sturgeon or Savant lake bases or from any nearby communities such as Ignace, Sioux Lookout or Dryden. The property can also be accessed by boat much of the year or by snowmobile in the winter months from lodges on the west side of Sturgeon Lake. An old mine road connecting St. Anthony mine to roads from Savant Lake has now been reactivated by POC offering a more cost effective safer

year around access. This road travels down the western side of the peninsula to the St. Anthony mine area.

The climate is typical for northwestern Ontario, where temperatures range from 10 to 25 degrees C from June through October. Temperatures during the winter months of November through May range from 0 to -40 degrees C. Lakes freeze during winter months allowing snowmobile access but lake access is restricted during the annual freeze and thaw periods.

There are several fishing/hunting lodges along Hwy 599 in the Sturgeon Lake area as well as a hotel in Savant Lake 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 only 2 km's north 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. 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.

Location Map

PACIFIC IRON ORE CORPORATION

Fig. # 1

St. Anthony & Best / King Bay Properties

3-ST. ANTHONY PROPERTY CLAIM STATUS

The main St. Anthony property consists of 58 mining claims comprised of 507 units or approximately 8,112 hectares. POC has other claim blocks in the area but they are not contiguous. Data collected from the Ontario mining recording office web site by the author show the following ownership and claim status:

Table 1 Current as of January 30, 2012 PATRICIA Mining Division

PATRICIA Mining Division - 406253 - PACIFIC IRON ORE CORPORATION

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
BECKINGTON LAKE AREA	3001270	2002-Jun-03	2012-Jun-24	A	100 %	$ 2,400	$ 14,400	$ 379	$ 0
BECKINGTON LAKE AREA	4210900	2007-Nov-07	2012-Nov-07	A	100 %	$ 1,200	$ 3,600	$ 0	$ 0
BECKINGTON LAKE AREA	4219398	2007-Nov-08	2012-Nov-08	A	100 %	$ 400	$ 1,200	$ 0	$ 0
BECKINGTON LAKE AREA	4219399	2007-Nov-07	2012-Nov-07	A	100 %	$ 1,600	$ 4,800	$ 0	$ 0
BECKINGTON LAKE AREA	4219400	2007-Nov-08	2012-Nov-08	A	100 %	$ 1,600	$ 4,800	$ 0	$ 0
BECKINGTON LAKE AREA	4219453	2009-Dec-23	2012-Mar-23	A	100 %	$ 4,800	$ 0	$ 0	$ 0
BECKINGTON LAKE AREA	4219454	2009-Dec-23	2012-Mar-23	A	100 %	$ 6,400	$ 0	$ 0	$ 0
BECKINGTON LAKE AREA	4219493	2009-Dec-23	2012-Mar-23	A	100 %	$ 6,400	$ 0	$ 0	$ 0
BECKINGTON LAKE AREA	4219494	2009-Dec-23	2012-Mar-23	A	100 %	$ 6,400	$ 0	$ 0	$ 0
BECKINGTON LAKE AREA	4224406	2007-Dec-13	2012-Dec-13	A	100 %	$ 800	$ 2,400	$ 0	$ 0
BECKINGTON LAKE AREA	4224446	2008-Oct-20	2012-Oct-20	A	100 %	$ 4,400	$ 8,800	$ 0	$ 0
BECKINGTON LAKE AREA	4224447	2008-Oct-20	2012-Oct-20	A	100 %	$ 2,400	$ 4,800	$ 0	$ 0
BECKINGTON LAKE AREA	4224449	2009-Dec-23	2012-Mar-23	A	100 %	$ 2,400	$ 0	$ 0	$ 0
BECKINGTON LAKE AREA	4224456	2009-Dec-23	2012-Mar-23	A	100 %	$ 800	$ 0	$ 0	$ 0
BECKINGTON LAKE AREA	4224458	2009-Dec-23	2012-Mar-23	A	100 %	$ 3,200	$ 0	$ 0	$ 0
BECKINGTON LAKE AREA	4224462	2008-Jun-09	2012-Jun-09	A	100 %	$ 6,000	$ 12,000	$ 1,280	$ 0
BECKINGTON LAKE AREA	4224465	2008-Jun-09	2012-Jun-09	A	100 %	$ 3,600	$ 7,200	$ 0	$ 0
BECKINGTON LAKE AREA	4224466	2008-Jun-09	2012-Jun-09	A	100 %	$ 6,000	$ 12,000	$ 0	$ 0

BECKINGTON LAKE AREA	4224469	2009-Dec-23	2012-Mar-23	A	100 %	$ 800	$ 0	$ 0	$ 0
BECKINGTON LAKE AREA	4224470	2009-Dec-23	2012-Mar-23	A	100 %	$ 800	$ 0	$ 0	$ 0
BECKINGTON LAKE AREA	4224471	2009-Dec-23	2012-Mar-23	A	100 %	$ 2,400	$ 0	$ 0	$ 0
BECKINGTON LAKE AREA	4224472	2008-Jun-09	2012-Jun-09	A	100 %	$ 2,400	$ 4,800	$ 0	$ 0
FOURBAY LAKE AREA	4207406	2006-Dec-11	2012-Dec-11	A	100 %	$ 6,400	$ 25,600	$ 0	$ 0
FOURBAY LAKE AREA	4209710	2006-Dec-11	2012-Dec-11	A	100 %	$ 6,400	$ 25,600	$ 0	$ 0
FOURBAY LAKE AREA	4219452	2008-Oct-20	2012-Oct-20	A	100 %	$ 6,400	$ 12,800	$ 0	$ 0
FOURBAY LAKE AREA	4219468	2007-Nov-07	2012-Nov-07	A	100 %	$ 4,800	$ 14,400	$ 0	$ 0
FOURBAY LAKE AREA	4219469	2007-Nov-07	2012-Nov-07	A	100 %	$ 6,400	$ 19,200	$ 0	$ 0
SQUASH LAKE AREA	04224412	2008-May-14	2012-May-14	A	100 %	$ 2,000	$ 4,000	$ 0	$ 0
SQUASH LAKE AREA	4219386	2007-Nov-07	2012-Nov-07	A	100 %	$ 4,800	$ 14,400	$ 0	$ 0
SQUASH LAKE AREA	4219387	2007-Nov-07	2012-Nov-07	A	100 %	$ 4,800	$ 14,400	$ 0	$ 0
SQUASH LAKE AREA	4219388	2007-Nov-07	2012-Apr-09	A	100 %	$ 4,800	$ 9,600	$ 0	$ 0
SQUASH LAKE AREA	4219389	2007-Nov-07	2012-Apr-09	A	100 %	$ 4,800	$ 9,600	$ 0	$ 0
SQUASH LAKE AREA	4219391	2007-Nov-07	2012-Apr-09	A	100 %	$ 4,800	$ 9,600	$ 0	$ 0
SQUASH LAKE AREA	4219392	2007-Nov-07	2012-Apr-09	A	100 %	$ 4,800	$ 9,600	$ 0	$ 0
SQUASH LAKE AREA	4219393	2007-Nov-07	2012-Apr-09	A	100 %	$ 1,600	$ 3,200	$ 0	$ 0
SQUASH LAKE AREA	4219394	2007-Nov-07	2012-Apr-09	A	100 %	$ 2,800	$ 5,600	$ 0	$ 0
SQUASH LAKE AREA	4219433	2007-Nov-07	2012-Apr-09	A	100 %	$ 2,800	$ 5,600	$ 0	$ 0
SQUASH LAKE AREA	4219434	2007-Nov-07	2012-Apr-09	A	100 %	$ 3,200	$ 6,400	$ 0	$ 0
SQUASH LAKE AREA	4219435	2007-Nov-07	2012-Apr-09	A	100 %	$ 6,400	$ 12,800	$ 0	$ 0
SQUASH LAKE AREA	4219436	2007-Nov-07	2012-Apr-09	A	100 %	$ 6,000	$ 12,000	$ 0	$ 0
SQUASH LAKE AREA	4219437	2007-Nov-07	2012-Apr-09	A	100 %	$ 6,000	$ 12,000	$ 0	$ 0
SQUASH LAKE AREA	4219438	2007-Nov-07	2012-Apr-09	A	100 %	$ 6,000	$ 12,000	$ 0	$ 0
SQUASH LAKE AREA	4219439	2007-Nov-07	2012-Apr-09	A	100 %	$ 6,000	$ 12,000	$ 0	$ 0

SQUASH LAKE AREA	4219495	2010-Feb-11	2012-Mar-19	A	100 %	$ 400	$ 0	$ 0	$ 0
SQUASH LAKE AREA	4219496	2010-Feb-11	2012-Mar-19	A	100 %	$ 400	$ 0	$ 0	$ 0
SQUASH LAKE AREA	4224407	2008-May-14	2012-May-14	A	100 %	$ 2,800	$ 5,600	$ 0	$ 0
SQUASH LAKE AREA	4224408	2008-May-14	2012-May-14	A	100 %	$ 5,200	$ 10,400	$ 0	$ 0
SQUASH LAKE AREA	4224410	2008-Feb-28	2012-Feb-28	A	100 %	$ 1,600	$ 3,200	$ 0	$ 0
SQUASH LAKE AREA	4224411	2008-May-14	2012-May-14	A	100 %	$ 400	$ 800	$ 0	$ 0
SQUASH LAKE AREA	4224412	2007-Dec-20	2012-Mar-20	A	100 %	$ 3,600	$ 7,200	$ 0	$ 0
SQUASH LAKE AREA	4224413	2008-May-14	2012-May-14	A	100 %	$ 2,000	$ 4,000	$ 0	$ 0
SQUASH LAKE AREA	4224414	2008-May-14	2012-May-14	A	100 %	$ 2,000	$ 4,000	$ 0	$ 0
SQUASH LAKE AREA	4224455	2010-Feb-25	2012-Feb-25	A	100 %	$ 400	$ 0	$ 0	$ 0
SQUASH LAKE AREA	4224464	2008-Jun-09	2014-Jun-09	A	100 %	$ 6,000	$ 24,000	$ 252,807	$ 0
SQUASH LAKE AREA	4224467	2008-Jun-09	2012-Jun-09	A	100 %	$ 1,600	$ 3,200	$ 0	$ 0
SQUASH LAKE AREA	4257459	2010-Jul-30	2012-Jul-30	A	100 %	$ 4,800	$ 0	$ 0	$ 0
SQUASH LAKE AREA	4257460	2010-Jul-30	2012-Jul-30	A	100 %	$ 3,600	$ 0	$ 0	$ 0
SQUASH LAKE AREA	4257461	2010-Jul-30	2012-Jul-30	A	100 %	$ 3,200	$ 0	$ 0	$ 0

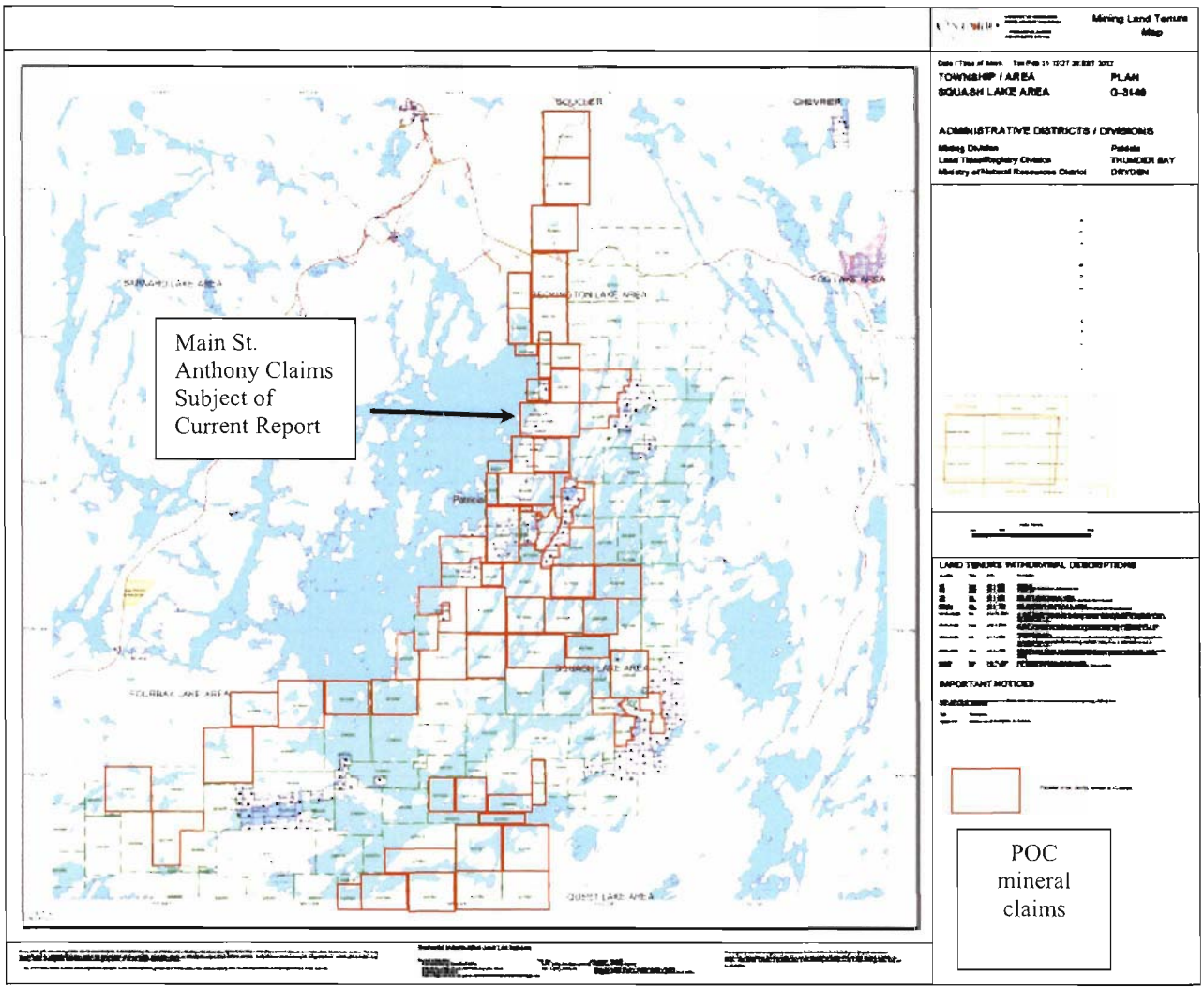


Fig.2-Property Claim Map

4-PREVIOUS WORK

Reviewing historical reports demonstrates this large area has seen extensive albeit intermittent exploration for more than a century. The author created historic tables to condense the numerous exploration programs in chronological order for the property.

Table 2-St. Anthony Property History

Year	Occurrence	Operator	Activity
1898	St. Anthony		The property was discovered.
1900-1902	St. Anthony	Jack Lake Mining	pitting and trenching on the property. A shaft was sunk to 30 m with a level at that depth. Crosscutting from No. 2 shaft totalled 43 m and from No. 3 shaft 33.5 m. A 10-stamp mill was erected.
1901-1903	Dawson White	Sturgeon Lake Mining Company	The company sank a -70° shaft to a depth of 70 feet. 50 feet of cross-cutting and 30 feet of drifting was done at this horizon. An open cut was excavated to the north of the shaft and a 10-stamp amalgamation mill was installed. A level was established at 60 ft. and limited cross-cutting completed.
1903-1907	St. Anthony	St. Anthony Gold Mining Co.	Development and underground work w/ production & drifts and crosscuts were established. Some mining and gold recovery was done between 1905 and 1907.
1907-1908	St. Anthony	Optioned by J.S. Steele	
1910	St. Anthony	Optioned to G. Glendinning	
	North Bay		Sinking of two shafts
	Bucksaw	Mr. Wm. Leduit	Sinking a shaft on a quartz vein. The shaft was 48 feet deep. Also numerous pits.
	West Couture Lake		On claim A.L. 662, there is an old shaft at least 30 feet deep.
	Dawson White	English River Gold Mining Co.	Mil (10 stamp mill), shaft, open cut and numerous pits
1911-1915	St. Anthony	Northern Gold Reef Limited	Between 1911 and 1913 the mine was in production. No. 2 shaft was sunk to 33.5 m and a winze installed.
1916-1917	St. Anthony	St. Anthony Development Ltd. Co.	No. 1 winze was deepened to 107 m and No. 2 to 160 m. Approximately 457 m of drifting was completed and some ore was mined.
1918	St. Anthony	Thunder Mining Co.	Some production

Year	Occurrence	Operator	Activity
1920-1921	St. Anthony		Limited Production
1929-1930	St. Anthony	St. Anthony Gold Mines	1929-1930 Some ore was milled.
1930-1933	St. Anthony	St. Anthony Gold Mines	A 125 tpd cyanide mill and 1000 hp hydro power plant were constructed. No. 2 inclined shaft was driven to 229 m.
1934	Iron Duke	Richilieu Gold Mines	acquired 8 claims, comprising 400 acres, known as the Iron Duke group.
1936-1937	North Couture Lake	Savant Sturgeon Gold Mines Limited	Built a bunk house, cookery, office along with a power house, blacksmith house and powder magazine. After surface exploration, sinking was started on a two-compartment, 8 by 15 foot vertical shaft in November of 1936. In 1937: continued shaft sinking which had reached 90 feet in January, 1937. Surface exploration had found four surface veins which were to be tested underground. In mid summer a crosscut was extended on the 130 foot level.
	Dawson White	Dawson-White Gold Mines Ltd.	Camps including a bunk-house, cookery, office and warehouse were built. In the spring, 29 diamond-drill holes were put down, totalling 6, 100 feet. On May 23 a two compartment vertical shaft was started about 140 feet north-east of the old (1902), workings.
1938-1939	North Bay	Classic Sturgeon Gold Mines Ltd.	Staked a block of claims on the northeast shore of North Bay, they uncovered a series of 14 quartz veins.
1934-1942	St. Anthony	St. Anthony Gold Mines	Mining and processing ore. A 2-compartment winze was driven from the 229 m level to the 308 m level. Levels were opened at 30, 46, 76, 107, 152, 190, 229 and 267 m. After 1939, there was difficulty in obtaining workers and supplies. The mine was shut down suddenly in January 1942.
1964-1976	St. Anthony	Con-Key Mines Ltd.	Drilling programs were carried out.
1965	Dawson White	Pomac Mines Limited	Including re- opening and sampling pits on the Dawson location, dewatering and trenching of the old open cuts on locations BG 157 and HW 697 and magnetic and electromagnetic surveys over portions of the property.
1970	Iron Chief	Selco Exploration Company Ltd.	conducted an EM survey over a block of claims that included the Iron Duke showing. A strong east trending conductor was outlined over the adit and extended under the lake to the east and west.
1974	Morgan Island	Phelps Dodge	a group of 80 unpatented claims in the area of Morgan Island. In 1973, they conducted ground magnetic and electro-magnetic surveys over the Morgan Island claim group. A portion of this

Year	Occurrence	Operator	Activity
			property was covered by ground magnetic and ground electro-magnetic surveys during 1970 when the claims concerned were held by Arthur Theriault
1975	**Morgan Island**	**Avalon Syndicate**	acquired claims Pa. 431450 -413454 and cut a grid on the property.
1979	**Morgan Island**	**Phelps Dodge**	Mapping, sampling, EM survey and 3 diamond drill holes.
1984	**Pat Lake**		
1981-1986	**St. Anthony**	**Aubet Resources Ltd. and the Sturgeon Lake Joint Venture, (Falconbridge Copper Ltd. and Falconbridge Nickel Mines Ltd.),**	Carried out drilling, geological, geophysical and geochemical programs on the St. Anthony Mine and bordering claims. DDH84-1-5, 85-6-10
	McEdwards Lake	**Moran Resources Corp.**	Conducted aerial geophysical surveys, rock and soil geochemical sampling and trenching over the McEdwards Lake property. Also drilled four holes for 1143 feet.
	Morgan Island	**Noble Peak Resources**	Relogging, sampling core, surface mapping and trenching.
	Iron Duke	**Mistango Consolidated Resources Ltd.**	drilled several holes on the Iron Duke showing. Holes M-86-4 and M-86-5 intersected interbedded felsic volcanics and graphitic sediments cut by gabbro dikes. No gold values over trace were reported.
	Pointer Lake	**K. Bernier**	Prospector K. Bernier examined a claim block on the Six Mile Lake road south of the Sturgeon River rapids. Several small trenches in the area around Pointer Lake, (local name) gave low gold assays. These trenches followed a conductor discovered in a ground geophysical survey.
1984	**Dawson White**	**Coastoro Resources Ltd.**	Conducted a drilling and geophysical program over the Dawson-White and the La Riviere Zone during the winter 1983-84. 2 110 feet of diamond drilling was done and a major examination of past work completed.
	Iron Duke	**C.J. Kuryliw**	mapped the Iron Duke showing and surrounding claims as part of an exploration program on East Bay of Sturgeon

Year	Occurrence	Operator	Activity
	Pointer Lake		Lake. The claims were mapped at 1" to 200 feetscale and a report on the geology of the block was written. The only record of this showing is contained in Sioux Lookout Resident Geologist's Assessment File 52J02SW-0051.
1985	Pointer Lake	Riverton Resource Corp	Riverton Resources Corp. optioned a 3 claim block over the surface showings and drilled 5 holes on it totalling 1585 feet. Several diamond drill holes had assays in the 0.01 ounce gold per ton range. Hole R-85-5 returned 0.139 ounces gold per ton over 5 feet.
1988	McEdwards Lake Magee Lake	Krigold Resources Ltd. Sherrit Gordon Mines	Acquired a claim block covering the McEdwards Lake property and additional claims on the east shore of lower Belmore Bay. The company examined the property and carried out a geochemical sampling program for gold. carried out a combined mapping,geophysical and sampling program on their East Bay group of claims. This block of 6 claims extended from East Bay to the west end of Magee Lake and appear to be a continuation of, or form part of the work done on Davidson Jarvis group. (52J02SE- 0029)
1989	Magee Lake Morgan Island	Alan Best Corona Corp.	bought a group of patented claims in the area. While salvaging blow-down timber, a number of old pits were rediscovered and several new pits excavated. These new pits are most likely on the smaller veins referred to in Graham (1930). Compilation and visits to historic targets on the property.
2004-06	St. Anthony Dawson White	Emerald Fields Resource Corp.	Prospecting the mine area and other portions of the property. Also conducted an airborne mag E-M survey over much of the property. Geological mapping and 4 diamond drill holes(235 meters) testing the camp vein and couture area.
2008	St. Anthony	Pacific Iron Ore	Re-established 1983 grid.
2009	St. Anthony	Pacific Iron Ore	Initiated road construction to access property, conducted prospecting, geological mapping and channel sampling as well as a diamond drill program 8NQ holes 2862.4m's.
2010	St. Anthony	Pacific Iron Ore	Conducted a diamond drill program 14NQ holes for 5019.3 m's.

5-REGIONAL GEOLOGY

The Sturgeon Lake regional geology has been studied by a number of groups from the OGS and GSC particularly for genesis of Neoarchean VMS systems and calderas (includes Morton, Trowell, Sanborn Barrie, Percival, Franklin and others). The regional geology in the area is a large NE trending synclinal greenstone belt of the Wabigoon belt rocks known as the Sturgeon Lake greenstone belt. This belt is connected to the Savant belt to the northeast and is bounded to the north by the Lewis Creek Batholith and bounded to the south and east by the Central Granitoid complex. This belt is bracketed by English River flysch sediments and Winnipeg River late metamorphic rocks and S type intrusive complexes along large scale fault systems.

The Sturgeon Lake greenstone belt has been subdivided in a series of assemblages which from the oldest basal sequence to youngest includes: the Fourbay Lake Assemblage (2775 Ma) a 1-2Km 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 (2745Ma) which again is dominated by tholeiitic basalt flows which grades upwards into intermediate to felsic pyroclastic sequences interbedded with basalt flows. In turn this is overlain by the main South Sturgeon Assemblage (2735Ma). This caldera sequence hosts the Sturgeon Lake VMS systems in complex intermediate to felsic sequences and is contemporaneous with large intrusive complexes such as the Lewis Lake batholiths.

The Sturgeon Lake Caldera is a large extinct caldera complex in Kenora District of Northwestern Ontario, Canada. It is one the world's best preserved mineralized Neoarchean caldera complexes, containing well-preserved mafic-intermediate pillow lavas, pillow breccias, hyaloclastite and peperites, submarine lava domes and dome-associated breccia deposits.

The Sturgeon Lake Caldera contains a well preserved north facing homoclinal chain of greenschist facies metamorphosed intrusive, volcanic, and sedimentary layers. This piecemeal caldera complex includes nearly 3,000 m of major subaqueously deposited intracaldera fill. Episodes of subaerial and subaqueous explosive felsic volcanism created rhyodacitic to rhyolitic tuffs and lapilli tuffs.

The Sturgeon Lake Caldera contains volcanic units that outcrop over 30 kilometers from east to west with up to five separate, major ash flow tuff units with thickness ranging from 100 m (328 ft) to 1,200 m (3,937 ft). The Mattabi pyroclastic flow, with a thickness in excess of 800 m (2,625 ft) and a strike length of at least 30 km (19 mi), is the third and most voluminous eruptive event associated with the Sturgeon Lake Caldera. It hosts the 12-Mt Mattabi

massive sulfide deposit which is interpreted to have formed on and below the seafloor, the latter through the processes of pore-space filling and replacement.

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 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 (2698-2704Ma). This assemblage defines a belt scale tectonic basin environment consisting of conglomerates, wackes and extensive Fe Formations. Material is believed to have sourced from several directions in this post D1-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 (2735Ma). Other intrusive complexes include the Beidelman Bay pluton, and younger deformed complexes including the Jutten Batholith in the Savant area. Late post tectonic alkali potassic intrusives include the Squaw Lake and Sturgeon narrows complexes of Sanukitoid affinity. Numerous small post tectonic plutons exist in the region of granitic composition including Grebe Lake, Vista and possibly St. Anthony Pluton.

Deformation in the region consists of two penetrative deformation events (D1 and D2). Post 2704Ma D1 deformation in the northern Sturgeon Lake area is dominated by north striking steep dipping fabrics and reflects early continental collision and deformation. This deformation is typically axial planar with moderate north plunging folds. The D2 event are similar to the Savant area but are generally only locally developed as 050-070 trending axial planar structures accompanied by steeply plunging folds and localized shear zones.

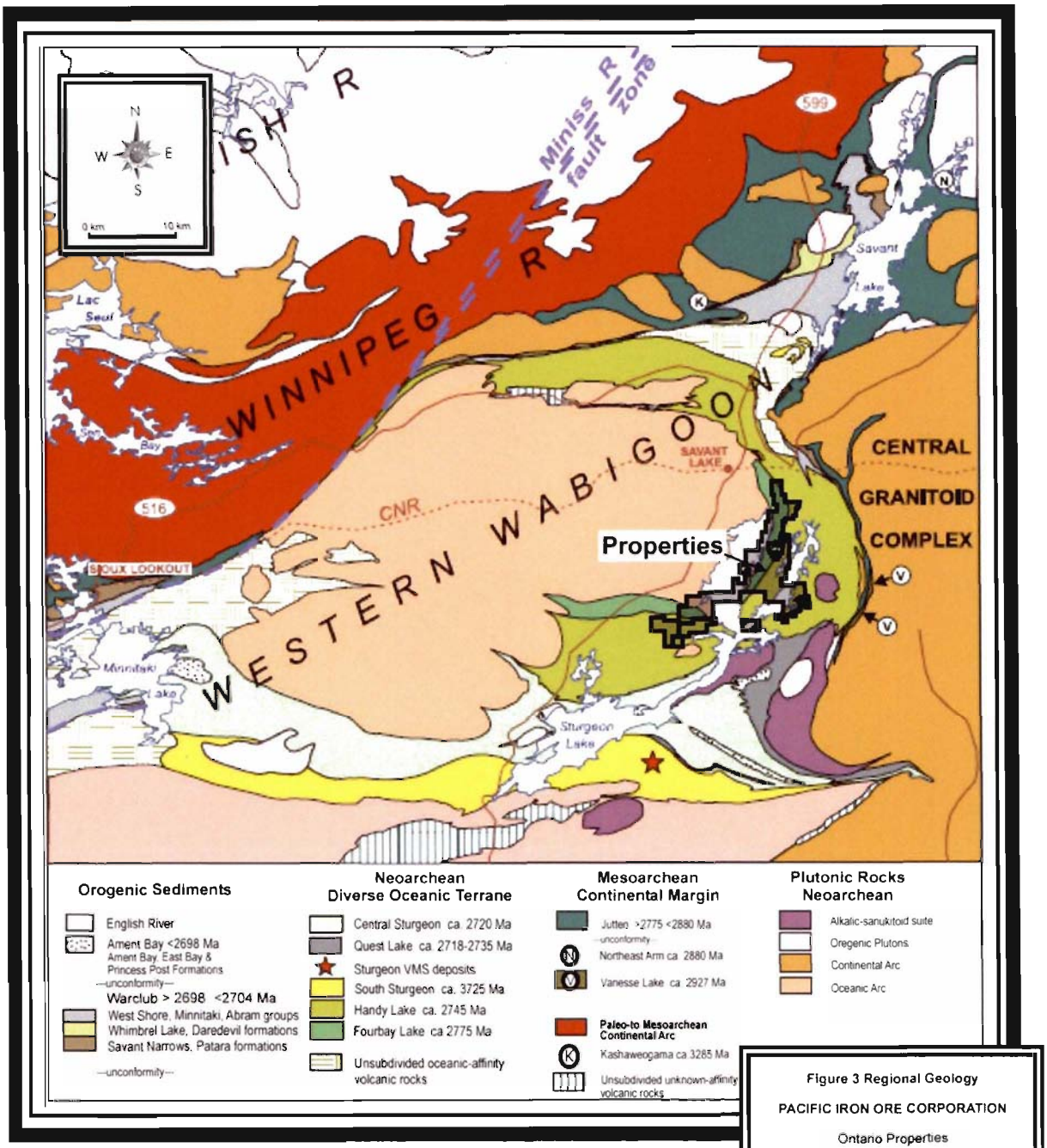


Figure 3 Regional Geology

PACIFIC IRON ORE CORPORATION

Ontario Properties

Patricia Mining Division

St. Anthony & Best / King Bay Properties

Datum: NAD 83 Zone 15

6-PROPERTY GEOLOGY

The St. Anthony property covers a portion of the northern end of the Sturgeon Lake greenstone belt. The oldest rock sequences on the St. Anthony property is the Fourbay Lake assemblage (2775Ma) which is dominated by pillowed tholeiitic basalts generally with tops directions where recorded to the east. Rare felsic and mafic tuff horizons are interbedded with the pillow flows and offer favourable stratigraphy for D1 & D2 deformation zones. Near the Lewis Lake batholith the rocks are commonly metamorphosed to amphibolites due to proximal contact metamorphism. Regionally the rocks are of mid-upper greenschist regional metamorphism.

The eastern portion of the St. Anthony property are underlain by tholeiitic basalts of the Handy Lake assemblage (2745Mya). These pillowed tholeiitic basalts generally have tops evidence facing to the east on the St. Anthony property . The upper portion of the Handy Lake assemblage have a higher proportion of calc-alkaline intermediate and felsic volcanics which have been observed in the southeastern portions of the St. Anthony property. This sequence includes felsic tuffs and tuffaceouc sediments as well as minor siltstones, sandstones and argillaceous sediments.

Numerous dykes and small stocks of gabbros, QFP felsic intrusive and FP dykes of intermediate composition are present within volcanics of both properties. While some of these maybe related to the Lewis Lake batholith many maybe related to late D2 intrusive activity contemporaneous with the Sturgeon Narrows intrusive alkalic activity (2696-2685Ma). These late tectonic intrusive complexes are significant because they maybe directly related to the gold event and in some cases maybe the causative intrusions for mineralization. Deformation on the property comprise the two main structural events common throughout the area. D1 is attributed after 2704Ma and is believed to reflect regional continental collision. On the St. Anthony property much of the D1 structure is N-S ductile axial planar steeply dipping foliation with tight north plunging folding. On the St. Anthony property the contact of the large Lewis Lake batholith with mafic volcanics has provided a locus for structures along strong competency contrast. D2 deformation is more localized but likely occupies the southeastern portion of the St. Anthony property where structures are along 050-070 strikes with penetrative foliation and steeply plunging folds also other localized portions of the St. Anthony property also display this D2 deformation which in some cases may superimpose D1 deformation.

St. Anthony Mine Geology and Mineralization

UTM ZONE: 15 NORTHING: 5552672 EASTING: 666596

Both Moore (1911) and Graham (1930) wrote descriptions of the geology of the St. Anthony Mine. Graham had the advantage of a developed mine to study and his description is more complete. The following is taken from his report.

"The St. Anthony mine, one of the earliest and most important discoveries in this region, is situated on claims B.G.151 and 152 between the North arm and Couture Lake. The mine has been operated at intervals by different owners since 1901.

The main ore body is a north-south fissure vein at the contact between Keewatin pillow lavas and a small dome of granodiorite, which is an offshoot from the granodiorite boss in the North Arm. A coarse grained quartz porphyry stock has intruded along the same contact and has caused the alteration of the granodiorite to a protogine granite consisting almost entirely of quartz and sericite. The quartz veins that accompanied the intrusion of the porphyry stock have caused alteration along their walls. The northern portion of the main vein in the granite branches and reunites to form a stockwork. The wall rock has been altered to sericite schist. The southern portion of the vein in the greenstone tends to follow the rock cleavage. The wall rock has been altered to a banded carbonate sericite schist. The veins dip slightly to the west and the ore bodies rake to the southwest following the quartz porphyry stock."

The gangue minerals are quartz, carbonate, and ankerite. The sulphides are pyrite, with lesser amounts of chalcopyrite, galena, and sphalerite. Both galena and sphalerite are historic indicators of gold ore which was confirmed during the work by POC. The pyrite carries historic low gold values but generally in the range of 0.2-2.0 g/t Au. In both the QFP and mafic volcanics most of the sulphide content is higher in hostrocks rather than the veins and the sulphides have penetrated into the wall rock, in which widespread gold values are found.

The main #1vein is 1,100 feet long on the surface, and the maximum width is 25 feet. Two other vein systems have been located on the surface, but the main vein is the only zone that was developed and mined on.

Mining methods included vertical and inclined shafts, internal winzes and drifting. Before 1933 milling was by a stamp mill with amalgamation for gold recovery. After 1933 the mill used conventional crushing and grinding methods. Gold was recovered by cyanidation and precipitation by zinc. Total production was 332, 720 tons producing 63,310 oz. Gold with an average recovered grade of 0.191 ounce gold per ton, 0.05 ounces silver per ton.

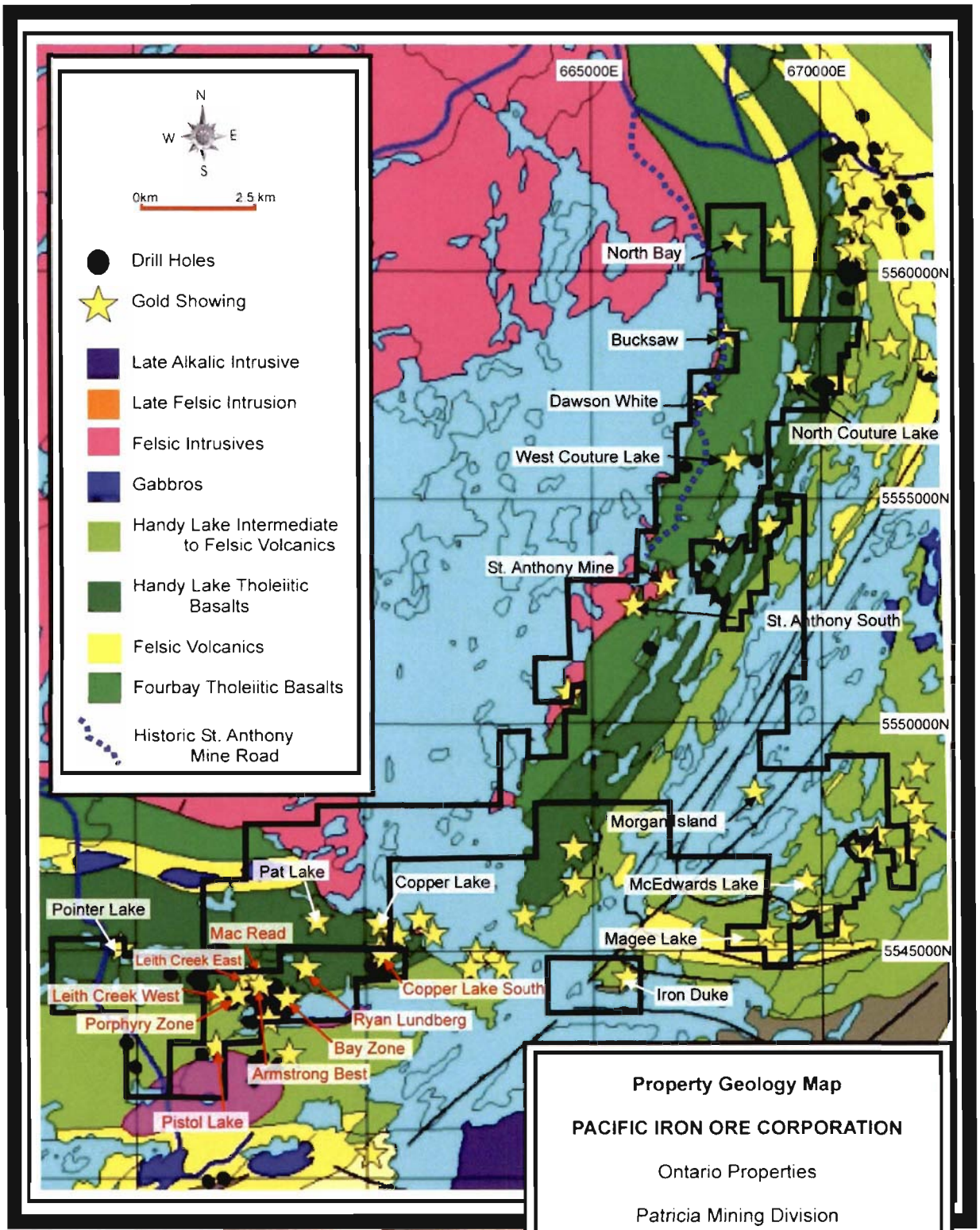
The QFP intrusive is now identified as the St. Anthony pluton and maybe a younger intrusive than the nearby Lewis Lake Batholith (2730-2735Ma). Widespread moderate to intense pervasive sericite alteration with 10-50% quartz stockwork is present over the entire SE portion of the St. Anthony pluton where exposed. These areas of extensive pervasive sericite alteration typically contain 1-5% disseminated pyrite with lesser pyrhotite and trace amounts of chalcopyrite, sphalerite and galena and variable intensities of quartz stockwork (0-50+%). Even vein zones are difficult to identify on surface other than relatively higher density vein stockwork zones described as crack and seal type veins by Beakhouse (2009). Later quartz porphyry QP dykes reported in the area and seen in recent drilling are postore dykes as part of the primary St. Anthony pluton and not a separate intrusive event, this was corroborated during 2009 and 2010 drilling where QP dykes display

widespread sericite alteration and presence of quartz veining preferentially on selvages suggesting a close spatial and temporal timing with mineralization.

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 but POC is finding this is often not the case. Pockets of visible native gold were reportedly common during early mining and the author has seen native gold within dump piles on the property. The first group to recognize the bulk tonnage potential of St. Anthony was Kenora district geologist C. Ravanaas on a site visit to the property in 2001. Work included sampling of different lithologies including the St. Anthony intrusive with altered QFP (SA6A) returning 2.08 g Au while unaltered QFP returned 230 ppb Au. The St. Anthony stock is now known to dip moderately to the east and this hangingwall contact has seen little historic testing.

The underground workings developed stopes along a southwesterly plunge which may reflect better mineralization along the QFP/mafic volcanic contact but this is now known to not be the case in the 2010 drilling. With drilling in 2009 and 2010 it is now believed workings were established on several zones and with little in the way of visual controls on mineralization this could not easily be recognized. The #2 zone has been known since the early 1900's but no development has occurred on it. The zone is located approximately 140 meters west of the #1 zone and appears to follow a north to 020 degree structure largely parallel the #1 zone over a known strike length of 200+ meters. The zone again is largely hosted in strongly sericite and quartz stockwork altered QFP intrusives but mafic volcanic slivers have been located to the west of the #2 zone which is the structural footwall of the QFP stock. The #2 zone persists as a structural zone to the south into altered mafic volcanics but little information is available. More recent work confirms the #2 zone is part of what is now called the footwall zone and is controlled by the footwall contact of the St. Anthony sill.

During the 2009 surface program quartz veining on surface appears to follow three general orientations which include 020/90, 100/90 and a flatter set @ 190/ 20-30 degrees. This orientation has not been previously focussed on and future sampling will need to test all vein orientations. This large area of sericite alteration with variable quartz vein densities was noted over a distance of 300 meters in an east west section and persist over greater than 400 meters along the 020 degree strike length before becoming covered by the tailing pond. Areas east of the known showings were expanded at depth in the 2009 and 2010 drilling. Numerous historic gold occurrences are documented on the balance of the property and are described in the 2011 prospecting and trenching sections of the report.



Property Geology Map

PACIFIC IRON ORE CORPORATION

Ontario Properties

Patricia Mining Division

St. Anthony & Best / King Bay Properties

Fig. # 4

Datum: NAD 83 Zone 15

7-2011 Prospecting Program

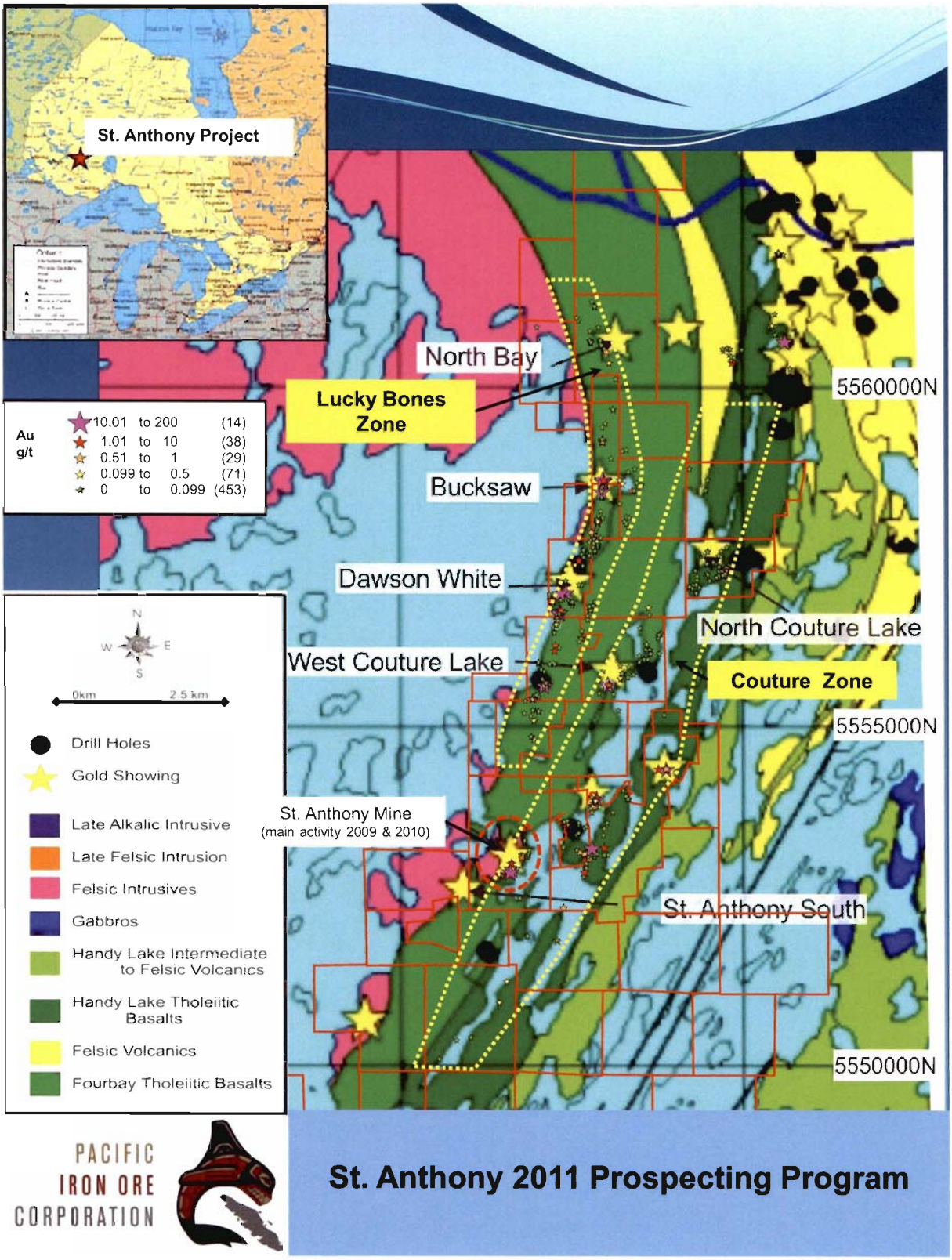
During the period from October 9th-November 8th, 2011 a program of prospecting was conducted on the central and northern portions of the main St. Anthony project. The project was managed by Perry Heatherington Pacific Iron Ores operation manager and prospecting personnel was contracted from Haveman Brothers Forestry Service of Thunderbay Ontario. Graeme Evans the P.Geo. and author of this report visited the property from October 21-25th,2011.

Personnel supplied by Haveman Brothers included John Harasym (#1003235), Wayne Lyytinen (#1006219), Eric Lyytinen (#1005304), Jay Shiels (#E33833), Charles Anderson (#1001332), Jason Audette (#1010298) and James Pretchuk (#1009353).

Personnel covered large areas of the property locating numerous historic prospects including early 1900's shafts, pits and trenches. A total of 578 rock and channel samples were collected from prospecting and trenching and were analyzed for gold geochem and 35 element Aqua Regia AES ICP by ALS labs ltd. Samples with greater than 10 g/t gold were analyzed with a 50g FA-gravimetric finnish assay.

Lucky Bones Corridor

A broad corridor of showings, pits, shafts and old trenches was located along the northwestern portion of the property and has been collectively named the "Lucky Bones" area. A new mineralized structural corridor named the "Lucky Bones Zone" has been traced for 6.0+ km's of strike length with widths of 200-400 meters along the mafic volcanic- Lewis Lake batholith contact, and remains open for testing for an additional 7 km's to the south. Numerous moderate east dipping shear zones are present and contain mineralized volcanic rocks and quartz veins commonly over individual 8-10 meter widths. A large number of historic shafts, trenches and pits were located along this trend. From north to south sampling demonstrates good gold grades comparable to historic values such as the Bucksaw area where sampling and trenching returned values ranging up to 24.1 g/t Au in grab samples. Higher grades are commonly in quartz veins but altered and sulphide bearing mafic volcanic commonly carry high gold values up to 16.2 g/t Au and enhance the target size and continuity. The Bucksaw trend was clearly traced into the Dawson White area a further 1.4 km's to the south. The "Lucky Bones" trend includes from North to South the following historic showings, North Bay, Bucksaw and Dawson White.


St. Anthony Project
Au g/t
10.01 to 200 (14)
1.01 to 10 (38)
0.51 to 1 (29)
0.099 to 0.5 (71)
0 to 0.099 (453)
North Bay
Lucky Bones Zone
Bucksaw
Dawson White
North Couture Lake
West Couture Lake
Couture Zone
5560000N
5555000N
5550000N
St. Anthony Mine
(main activity 2009 & 2010)
St. Anthony South
N
W
E
S
0km
2.5 km
Drill Holes
Gold Showing
Late Alkalic Intrusive
Late Felsic Intrusion
Felsic Intrusives
Gabbros
Handy Lake Intermediate to Felsic Volcanics
Handy Lake Tholeiitic Basalts
Felsic Volcanics
Fourbay Tholeiitic Basalts
PACIFIC IRON ORE CORPORATION
St. Anthony 2011 Prospecting Program

North Bay MDI52J02NE00007

Bucksaw MDI52J02NE00010

MDI description:

DEPTH - GRADE - 1911: SURFACE SAMPLES ALONG MAIN VEIN ASSAYS 0.2 TO 2.0 OPT AU, DEPTH - GRADE - 1980: SURFACE GRAB SAMPLES, ASSAYS UP TO 0.06 OPT AU1909: Corkill (1910) reported on work done on Sturgeon Lake:At a claim three miles north of the St. Anthony, Mr. Wm. Leduit was engaged in sinking a shaft on a quartz vein. The shaft was, at the time of my visit, 48 feet deep. An 18-h.p. boiler and hoist were in use.1910: Moore (1911) described the work done on Claim HW 704, laterknown in part as TB 953:Besides a large number of pits, too numerous to mention individually, there are two more shafts near the east shore of North Bay. One of these is on claim H.W. 704, along the contact between granite and green schist. The shaft is about 48 feet deep, and was sunk by William Lediet on an irregular quartz lode, which is made up of stringers and lenses of quartz in the schist extending the width of the shaft. The quartz and schist are impregnated with pyrite, but we did not find any visible gold.

The showings in this area of North Bay of Sturgeon Lake are sited at or near the contact of sheared to massive mafic metavolcanics to the east and white leucogranodiorite to the west. Late feldspar porphyritic phases of the granodiorite can be mistaken for feldspar porphyry. The strike of the contact and foliation in the meta-basalts varies from north to 025 degrees. The dip of the contact is variable but tends to dip moderately to the east. The quartz veins are usually lenticular and pinch out along strike and down dip. 1911: Surface samples along main vein assay 0.2 to 2.0 ounce gold per ton (Moore, 1911). 1980: Surface grab samples assayed up to 0.06 ounce gold per ton.

The main bucksaw shaft and stamp mill were located in 2011 and are the site of the 1st 2011 trench area. Outcrop exposure is significantly better in this area than North Bay and numerous old pits and trenches were located on these shear zones. The Bucksaw consists of a 8-12 meter wide shear zone along the Lewis Creek Batholith contact within sheared mafic volcanics. This shear zone generally dips 40-50 degrees to the east and was sampled quite regularly over a strike length of 1400 meters in 2011. The main shear contains chlorite altered mafic volcanics with local carbonate and sericite alteration and typically 2-5% disseminated pyrite and frequent 0.5 -3.0+% disseminated and blebs of chalcopyrite. Within the altered mafics milky white anastomizing quartz veins range from 0.30 – 2.00 meter widths.

This shear zone generally strikes north but ranges locally from 030 to 340 degrees and was traced to within 400 meters of shear zones at Dawson White which are along the same intrusive/volcanic contact. At least two other shear zones were intermittently exposed parallel to the Bucksaw shear within 150 meters to the east but these are not as well exposed. The Bucksaw area was the area that was trenched in 2011 and details are provided in that section. The shears and veins do demonstrate good continuity in this area particularly along the main Bucksaw shear which offers an attractive gold target.

Veins frequently range in values from 0.5-58.1 g/t Au and anomalous silver values up to 117 g/t Ag were obtained but the surprising feature is the enveloping sheared mafic volcanic commonly contain anomalous Au and Ag values as well, up to a maximum of 16.2 g/t gold and 27.7 g/t Ag and combined with higher grade internal quartz veins will require more detailed channel sampling to define drill targets.

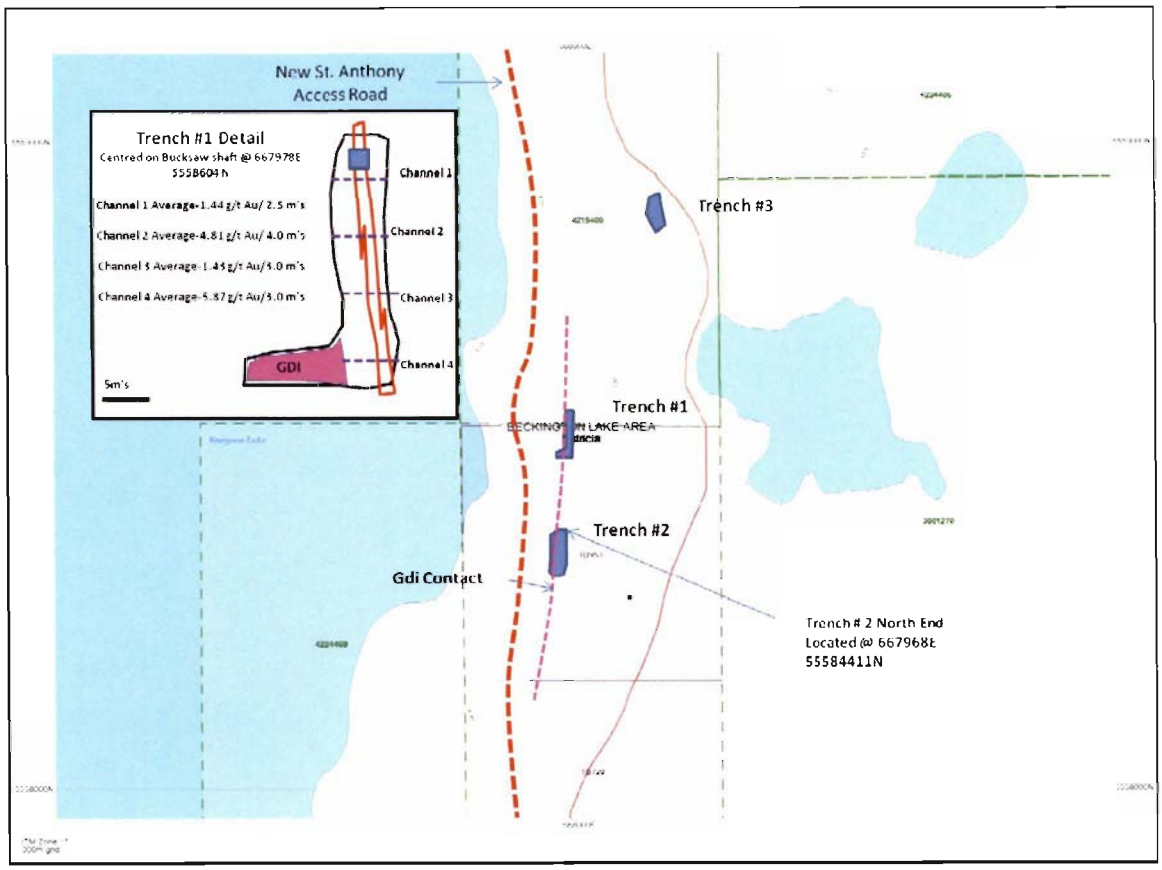
Commonly late QFP sills of the St. Anthony style are present near shears and are distinct from the equigranuar biotite bearing Lewis Creek granodiorites. These sills and dykes contain significant gold mineralization at St. Anthony and require mapping and sampling in the Bucksaw Dawson White areas. Several north trending shear zones with quartz veins were located around the western and eastern edges of a small pond located 1.0 km northeast of the Bucksaw shaft and these will require additional mapping and sampling.

Dawson White MDI52J02NE00045
MDI description:

PRODUCTION - 1901: FROM OPEN CUT - 225 TONS MILLED (10 STAMP MILL), GRADE - 1901: RECOVERY AVERAGED 0.84 OZ AU/TON). DEPTH - GRADE - 1984: 14 DDH, SEVERAL STRUCTURES INTERSECTED, LONGEST GRADE 0.17 OPT AU/11.75FT(#84.1) 1901-1902: Claim TB 6980 is the location of the Dawson-White mine. A development study was done on the property by the Sturgeon Lake Mining Company. The company sank a -70 shaft to a depth of 70 feet. 50 feet of cross cutting and 30 feet of drifting was done at this horizon. An open cut was excavated to the north of the shaft and a 10-stamp amalgamation mill was installed. 1902-1903: A level was established at 60 ft. and limited cross-cutting completed. 1937: Dawson-White Gold Mines Ltd. took over the property in the spring of 1937. Camps including a bunkhouse, cookery, office and warehouse were built. In the spring, 29 diamond-drill holes were put down, totaling 6, 100 feet. On May 23, a two compartment vertical shaft was started about 140 feet north-east of the old (1902) workings. A new headframe, blacksmith shop, cap-house, and powder magazine were erected. Sinking under power was commenced on July 11, 1937 and the shaft was sunk to a depth of 225 feet, with 80 feet of cross-counting, 190 feet of drifting, and 30 feet of raising on teh 100-foot level, and 85 feet of drifting on the 200-foot level. It was reported that underground exploration gave encouraging results, but owing to lack of finances, operations were suspended on September 29 and the company was declared bankrupt. 1965: Re-opening and sampling pits on the Dawson loaction, dewatering and trenching of the old open cuts on location BG 157 and HW 697 and magnetic and electromagnetic suverys over portions of the property (Trowell 1983, p. 96) 1984: Coastoro Resources Ltd. conducted a drilling and geophysical program over the Dawson-White and the La Riviere Zone during the winter of 1983-84. 2 110 feet of drilling was done.

On location B.G. 157 is what is known as the Dawson Mine, now owned by the English River Gold Mining Company, and formerly controlled by the Sturgeon Lake Mining Company. St. Anthony, it is situated near the contact between the green schists and granite, but instead of lying on the main contact, it lies on the contact between bands of schists and the granite. There are here a number of pegmatite dikes, in some parts composed of about half feldspar and half quartz, and in other parts consisting largely of one or two. The gangue is quartz, and the ore minerals found were galena, sphalerite, pyrite and chalcopyrite. Good specimens of free gold are said to have been found, though we did not find any on the dump. The workings include a shaft, open cut and some pits, the former being full of water. The shaft is said to be 64 feet deep, and the open cut is about 70 feet long. 10 feet wide. Much of the country rock is included in this width. The buildings include a mill containing 10 stamps and other equipment (Fig. 13), but the ill has been long idle.

Much of this area has been trenched over and numerous pits and several shafts can be located. Little work was conducted on the main Dawson White showing in 2011



Detailed Location of 2011 Trenching

as it had previously been trenched and sampled by Emeraldfiels in 2005. At least 3 shear zones 3-6 meters in width are present in the main Dawson White area and grab sampling by Emeraldfields in 2005 returned values up to 399.39 g/t Au from quartz veins in the workings supporting the presence of high grade material with a discrete higher grade lens defined by Coastoro drilling in 1984 within the main Dawson White workings.

In 2011 prospecting located a number of pits and trenches along the contact of the Lewis Creek batholith with sheared mafic volcanic containing milky quartz veins up to 2.0+ meters in thickness a further 350 meters southwest of the Dawson White showings. These veins have seen a substantial amount of past trenching and grab samples returned values up to 12.95 g/t Au (#29530) and 14.35 g/t Au (#29583). Several other shear zones were located further to the east parallel the NE trending Dawson White shear but generally returned lower but anomalous gold values. Additional work in the Dawson White area includes compiling historic targets near the old shafts and additional sampling and mapping of the contact zone to the southwest.

An example of old shaft located in the Dawson White area.

In 2011 a shear zone was located an additional 1400 meters southwest of the Dawson White showing. This shear zone in mafic volcanics again near the batholith contact was traced with sampling fairly continuosly for 300 meters striking 020 northeast and dipping moderately to steeply east. This zone is several meters wide and has characteristic milky quartz veins in chloritic mafics with disseminated pyrite and chalcopyrite. Anomalous Au, Ag and Cu numbers are common with maximum values of 19.6 g/t Au, 89.8 g/t Ag and 5.27% Cu. This area has no historic MDI description and maybe a southern extension of the Dawson White- Bucksaw shear, this zone is centred at 5,555,590N and 667,110E. Additional mapping and sampling is required in this area to outline a near term drill target.

Old trenches located 350-400 meters southwest of Dawson White.

Quartz veins exposed in trenches south of Dawson White.

This "Lucky Bones" shear zone target defines a strike length of at least 6 kilometers strike length with several shear zones loosely defined. The best results appear focused on the shear at the batholith/mafic volcanic contact as this maybe a focus due to the ductility contrast! Additional work can focus on discrete targets that can be mapped and sampled quite quickly to define near term drill targets. The contact continues along the western side of the property for an additional 6-7 kilometers and should be considered a priority for additional prospecting and sampling.

Couture Zone Corridor

The main Couture Zone received less prospecting in 2011 as it has more difficult boat access. This main corridor includes the St. Anthony Mine and includes a number of historic showings over a 10+ kilometer northeast trending strike and loosely defined widths of up to 1.5 kilometers much covered by Couture Lake. This area corresponds to a regional magnetic low feature and appears as a large northeast trending deformation zone. The area has long been a recognized as a complex deformation zone with a number of parallel shear zones. The 2011 work indicates there is substantial amounts of QFP sills striking northeast and again dipping moderately southeast analogous to the St. Anthony sill. These showings were only loosely sampled in 2011 and the author did not get to visit the showings during his visit. In light of the high number of anomalous gold values obtained during

prospecting in 2011 this corridor should be a priority for future mapping and sampling as both high grade and bulk tonnage targets are possible in this corridor! A number of historic MDI occurrences are documented and from north to south are briefly described here with results from the 2011 prospecting.

North Couture MDI52J02NE00009
MDI description:

DEPTH - GRADE - 1937: SURFACE SAMPLES FROM 50 FT WIDE ZONE ASSAYS UP TO $600 AU (APP.17.1 OPT AU)1936: Savant Sturgeon Gold Mines Limited was incorporated in June, 1936. Savant Sturgeon Gold Mines Limited purchased the property from Metropolitan Gold Mines Limited, who received 775 000 shares of Savant Sturgeon Gold Mines in return. The new owners erected a bunk house, cookery, office along with a power house, blacksmith house and powder magazine. After surface exploration, sinking was started on a two-compartment, 8 by 15 foot vertical shaft in November of 1936. Seven men were employed under the direction of W.F. Stewart. 1937: W.F. Stewart continued shaft sinking which had reached 90 feet in January, 1937. Surface exploration had found four surface veins which were to be tested underground. In mid summer a crosscut was extended on the 130 foot level. Other cross cuts were planned. Assays were stated to have given values up to 600 dollars in gold. The zone was claimed to be 50 feet in width. The property consists of claims TB 8845-8855, TB 8899-8907, TB 9801-9806 and TB 11323-11326. Operations were suspended at the end of 1936 and resumed in June, 1937. A 2-compartment,vertical shaft was eventually sunk to a depth of 175 feet, and 396 feet of drifting and 151 feet of crosscutting were accomplished by the end of October, when operations were again suspended. During the period of operation there was an average of 21 men employed, of whom 13 were underground under the direction of W.F. Stewart. 1938: Savant Sturgeon Gold Mines Ltd. had obtained letters patent which allowed changing the name of the Company to Beau-Larder Mines Limited. Capital was increased from 3 million to 4 millions. In December 1938 Beau-Larder Mines had a lack of funds and were not able to proceed with a planned exploration program.1940: The charter of Beau-Larder Mines Ltd. was cancelled in 1939.

Work in 2011 relocated a number of trenches in this area and the historic capped shaft. A number of sericite altered QFP samples are noted in the area but size of the QFP bodies remains unknown at this time. Samples at the shaft area returned values up to 3.43 g/t Au and quartz veins within mafic volcanic in old trenches returned values up to 6.62 g/t Au. This is a large area and historic work and drilling will need to be compiled.

Old shaft located in the Couture Lake Area.

Northeast Arm MDI52J02NE00013
MDI description:

1987 DDH B-87-6 (AF-0068): BEST ASSAY 0.10 OPT AU/1.8 FT.

This area was not located or sampled in the 2011 program.

West Couture Lake MDI52J02NE00012
MDI description:

DEPTH - GRADE - 1935: SURFACE GRAB SAMPLES - CAMP VEIN ASSAYS UP TO 1.0 OPT AU, DEPTH - GRADE - 1941: SURFACE GRAB SAMPLES - CAMP VEIN ASSAYS UP TO 1.3 OPT AU/ 3 FTThe site was probably developed between 1898 and 1904. At that time the area between North Bay of Sturgeon Lake and the St. Anthony property was intensively prospected and developed to the point of sinking shafts on the better prospects.

An early description of the area is by E. S. Moore in 1910,(Moore, 1911). On the west side of the lake, on claim A.L. 662, there is an old shaft at least 30 feet deep, containing

a good deal of water. The vein is about 2 feet wide and dips 30 degree west. It fills a fissure between a footwall of schist and a hanging wall of altered graywacke. The vein is mineralized with chalcopyrite, galena, sphalerite, pyrite and a little pyrrhotite. A little free gold was found in some specimens of quartz believed to have come from the shaft.

The actual showing area was not the focus of 2011 work but rather the regional northeast trending shear zones were the focus of prospecting. Several pits with quartz veins only returned anomalous values up to 1.18 g/t Au (sample # 31215) and previous sampling in the shaft area by Emeraldfields in 2005 returned values up to 380.72 g/t Au from the "Camp vein" a narrow 0.6 meter quartz vein trending E-W in this area. Field notes indicate dominantly mafic volcanic in this area.

Old Trenches Located in the Couture Lake Area.

Belanger Lake MDI52J02SE00008
MDI description:

DEPTH - GRADE - 1929: SURFACE CHANNEL SAMPLES, ASSAY UP TO 1.54 OPT AU/4 FT1904: First mention of property, held by Joe Weiden1909: Acquired by Peter King, W. Powle, C. Senecal, J. Atwood and S. Bennerman.1909: Claim group acquired by G. Day who later sold them to T.P. Kelly.1911: Phil Bullian sold his half interest in claims SV410, SV411 and SV412 as well as AL664 and AL 665 to A.H. Davidson.1911: Claims

AL656 and 657 were sold to King and Frazier. A shaft was sunk.1923: Property acquired by Gold Star Mining Company.1928: Gold Star optioned claims to M.A. Atilla and J.C. Hill1928: Claims reverted to Crown.1928: Claims restaked by Bennett-Pacaud Mines.1930: Bennett-Pacaud Mines worked on claims SV410,411 and 412 and claims AL771 and 772.1983: Patricia V. Beckett held claims SV410, 411 and 412.

Very little has been reported concerning the geology of the area. Graham (1930) reported on the property. The Bennett Pacaud interests are carrying on the development of a group of 5 claims, AL771, 772 and SV 410 - SV 412, to the east of Couture Lake. Trenching has uncovered in andesite a quartz vein 2 to 8 feet wide, carrying commercial-grade ore over a length of 600 feet. A carbonate zone in sericite schist, which can be followed for 1000 feet,carries low gold values across 10 feet. It is the intention of the company to diamond-drill the main vein in order to test the continuance of values at depth. Trowell (1977) mentioned that he had found no records to indicate further work had been done on the property. His mapping of the area did not locate the trenches referred to by Graham (1930).

In 2011 limited prospect samples in this area generally returned values of 1.07-33.00 g/t Au. In light that most samples returned very anomalous gold values this area warrants additional mapping and sampling.

FRD MDI52J02SE00013
MDI description:

DEPTH - GRADE - 1902: SURFACE CHIP SAMPLE, ASSAYS APP. 0.16 OPT AU1902: Messrs. Forget, Rowan and Daigle controlled the property in 1902.1903: Miller et al. (1903) described a quartz body on claim BG 170 and adjacent areas. They sampled the vein and reported a chip sampling assay of 0.16 ounce gold per short ton.1911: Moore (1911) quoted Miller et al. and mentioned that none of the veins had been developed at that time, even though assays up to 0.16 ounce gold per ton had been recorded.1970: Selco Exploration Co. Ltd. did a ground EM survey (ABEM minigun horizontal loop) on Couture Lake immediately bordering on BG 170.1974: Cyrille Fortier held patented claim BG 170 in 1974. 1983: Copconda-York Resources Inc. did magnetic and VLF-EM surveys on Couture Lake in 1983. The surveys surrounded BG 170 and suggest that several conductors are parallel to the island and another may cross it. 1988: Villeneuve Resources Ltd. did magnetic and VLF electromagnetic surveys over the Northeast Arm of Sturgeon Lake. Couture Lake was covered by this survey.

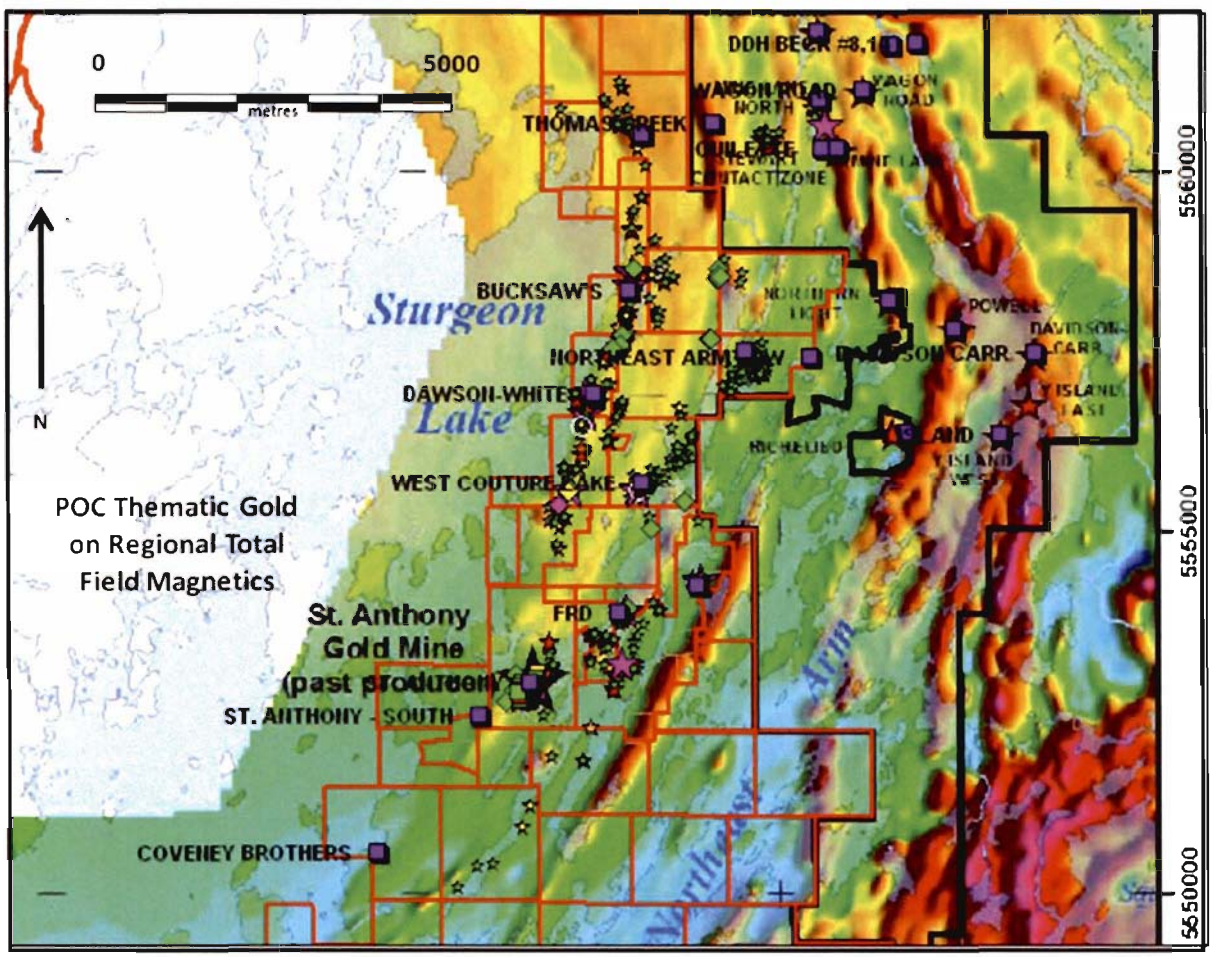
The claim is an island of 8 acres in Couture Lake. Miller et al (1903) described the property: Location BG 170 includes an island of eight acres in the lake. A body of quartz which sometimes has a width of 25 or 30 feet occurs on the island. Its strike is towards the northeast, parallel in a general way with that of the greenschist through which it runs. At times, the quartz breaks across the strike of the schist, the ore body not being bounded by definite walls. Very little work has been done on the deposit. The quartz in places carries a small amount of copper pyrites and iron pyrites, as well as a little tourmaline. Messrs. Forget, Rowan and Daigle control the property. The ore is said to pan well in places. A sample which I took across a considerable width of the deposit, being careful not to get above the average value, gave $2.75 in gold per ton of 2000 lbs. Gold sold at $17 per Troy ounce at that time so that $2.75 is equivalent to a grade of 0.16 ounce gold per ton.

In 2011 several peninsulas and islands in this 2.0+ square kilometer area were sampled. While only preliminary in nature prospecting located numerous pits and

trenches and returned a number of anomalous gold values ranging from 2.52-73.7 g/t Au (sample #31340) in quartz veins both within sheared mafic volcanic and sheared QFP dykes or sills. This area located 1.0-1.5 kilometers northeast of the St. Anthony mine area should be considered a priority area for mapping and sampling.

Typical quartz veins uncovered in old trenches.

As can be seen in the regional magnetic map below. Mineralization appears focused along magnetic low deformation corridors or in the case of the "Lucky Bones" corridor along the magnetic high shoulder of the Lewis Lake batholiths. The continuity of shear zones mimics the magnetic trends very well on a regional scale but not always on a small scale detail.



8-2011 Trenching Program

In 2011 an excavator was rented by POC and operations manager Perry Heatherington operated the machine a Cat 322C, for a limited trenching program in the Bucksaw area to further define the mineralization in this area. Three areas were trenched for approximately 970 square meters. The third trench area encountered deep overburden and did not encounter bedrock.

In trench #1 channel sampling across the vein and foliated mafic volcanic with disseminated pyrite and chalcopyrite returned the following grades with 0.5 meter channel samples. Limited trenching south of the Bucksaw shaft returned channel samples averaging 4.81 g/t Au over 4.0 m's and 5.87 g/t Au over 3.0 m's. Trench #2 exposed a continuous quartz vein on strike with the bucksaw but channel sampling returned lower grades with a maximum of 0.871 g/t Au in channel sampling. The author was not present for the cleaning and channel sampling of trench#2 so mapping of this trench is required. The trenching confirmed as seen in the Dawson White area that the shear zone and veins along the contact of the Lewis Lake batholiths display good continuity and offer a good high grade gold target that requires further refining!

Trench #1 Channel Sample Results:

Channel #	**Sample Start**	**Sample End**	**Width m's**	**Au g/t**
Channel 1	29601	29605	2.5 m's	1.44 g/t Au
Channel 2	29606	29613	4.0 m's	4.81 g/t Au
Channel 3	29615	29620	3.0 m's	1.43 g/t Au
Channel 4	29625	29630	3.0 m's	5.87 g/t Au

Opening up and preparing for channeling of the main Bucksaw Vein Trench #1 Area

View of trench #1 Area Bucksaw shaft at far end of trench #1.

Profile in trench #2 Looking East, Granodiorite in foreground, dark green sheared mafic volcanics and Bucksaw vein at top.

Trench #2 Area looking south, demonstrates good continuity of Bucksaw Vein.

General view of trench #2.

9.CONCLUSIONS AND RECOMMENDATIONS

The 2011 prospecting and trenching program located numerous old workings over two main corridors called the "Lucky Bones" and the "Couture" zones. Prospect sampling indicates widespread gold values are present in these corridors with values comparable to historic sampling. This style of prospecting is warranted on the southern half of the property which was not covered in 2011 to outline other historic targets.

The Lucky Bones zone follows the Lewis Lake Batholith / mafic volcanic contact and moderate east dipping shear zones have good continuity as do quartz veins within the structures. A surprise was also obtaining significant gold values from chlorite altered mafics in the shear zones. This corridor can be located quite well on surface, and follows a magnetic high shoulder possibly due to hornfelsing of mafics by the batholith. This corridor requires some additional mapping and sampling and is amenable to additional trenching. The object being to define near term high grade shear zone drill targets say 3-8 meter widths of 0.3-1.0+ opt Gold.

The Couture zone was not prospected in as much detail in 2011 and is a larger area to assess although much is covered by Couture lake. This wide zone strikes northeast and is reflected by a large magnetic low feature reflecting the deformation corridor. Prospecting noted the presence of a number of QFP bodies and these need to be mapped and sampled to be compared to the system at St. Anthony. These offer bulk tonnage targets that could be advanced to a drill stage on a priority basis. There are a large number of localized shear zones containing high grade gold values ie. 0.3-2.0+ opt Au and these need to be assessed and ranked for prioritizing drill targets of high grade gold bearing structures.

10-REFERENCES

Band, R.B.1985. Diamond Drilling of King Bay property for Falconbridge. AR#52J02SW0025.

Beggs, D.G..1975. Petrology and geochemistry of Archean volcanic rocks north of Sturgeon Lake, M.Sc. thesis, University of Toronto,151p.

Best, A.1992: King Bay report on 1992 Work Program, AR#52J02SW0005.

Bernatchez, B.A. 1990: King Bay diamond drilling for precious metals inc. AR#52J02SE8653.

Blackburn, C.E., Johns, G.W., Ayer, J. and Davis, D.W. 1991. Wabigoon Subprovince; *in* Geology of Ontario, Ontario Geological Survey, Special Volume 4, part 1, p.303-381.

Burns, J. 1997. Diamond Drilling on the King Bay property, AR#52J02SW2001.

Coleman, A. P. 1902. Mines of Ontario, Ontario Bureau of Mines, Annual Report, 1902, v.11, p.148.

Collins, W. H. 1910. Geological Survey of Canada, Report 1059, p.83-86.

Davidson, J. E. 1900. Report of the Survey and Exploration of Northern Ontario in 1900, Ontario Bureau of Mines, v.9, p.230-249.

Davis, D.W. and Trowell, N.F. 1982. U-Pb zircon ages from the eastern Savant Lake-Crow Lake metavolcanic-metasedimentary belt, northwest Ontario; *in* Canadian Journal of Earth Science, v. 19, no.4,p.868-877.

Davis, D.W., Krogh, T.E., Hinzer, J. and Nakamura, E. 1985. Zircon Dating of Polycyclic Volcanism at Sturgeon Lakeand Implications for Base Metal Mineralization; *in* Canadian Journal of Earth Science, v.80, p.1942-1952.

Davis, D.W., Sutcliffe, R.H. and Trowell, N.F. 1988.Geochrono- logical constraints on the tectonic evolution of a late Archean green-stone belt, Wabigoon Subprovince, northwest Ontario, Canada; *in* Precambrian Research, v.39, p.171-191.

Drummond, A.D. 1984. Report on Sturgeon Lake gold property for Coastoro Resources, A.R.# 52J02NE9292

Ferreira, W.S. 1984: Drilling for Falconbridge in St. Anthony area, AR#52J02SE8669.

Franklin, J.M., Kasarda, J., and Poulsen, K.H.1975.Petrology and chemistry of the alteration zone of the mattabi massive sulphide deposit, Economic Geology, v.70, p.63-79.

Gillet, T.E., 1987: Mine Lake Minerals Inc. Geological and Geophysical Report of the 1987 program, AR#52J02NE0003.

Gledhill, T. L. 1924. Geology Along an Eastward Continuation of Niven's 4th Base Line; Ontario Department of Mines, Annual Report, 1924, v.33, pt.6, p.18-39.

Goldsmith, L.B. 1984: Rock Geochemistry Morgan Island claims for Noble Peak Resources, AR# 52J02SE8683

Graham, A. R. 1930. Sturgeon Lake Gold Area, Districts of Kenora and Thunder Bay; Ontario Department of Mines Annual Report, 1930, v.39,pt.2, p.36-50.

Hogg, G.M. 1983. A report on geophysics, geology and diamond drilling on the St. Anthony mine project, of Aubet Resources Inc., AR# 52J02SE8677.

Horwood, H. C. 1937. Geology at the Darkwater Mine; Ontario Department of Mines Annual Report, 1937, v.46,pt.6, p.26-35

Holmstead, W. 1983: Geological Mapping of the Sturgeon Lake Property for Candore Explorations Ltd. AR#52J02NE0039.

Janes, D. 1991, Gold Deposits in the Sturgeon Lake area, Unpub. OGS report.

Jobin-Bevins, L.S. 1996. Armstrong-Johnson Gold Prospect, Diamond drilling program. AR# 52J02SW0021.

Kuryliw, C.J. 1994. Report on diamond drilling on Kuryliw-Armstrong claim blocks. AR# 52J02SW0002.

Leary, G.M., 1981: Final Report 1981 Savant Lake Project, AR#52J09SW8880.

Moran, J. 1983. The McEdwards Lake property, AR# 52J02SE8676

McInnes, W. 1899. Geological Survey of Canada, Summary Reporth, 1899, p.118-120.

----------, 1901. Geological Survey of Canada, Summary Report, 1901,p.90-92.

Miller, W. G. 1903. Mines of Ontario, Ontario Bureau of Mines, Annual Report, 1903, v.12, p.83-86.

Moore, E. S. 1911. The Sturgeon Lake Gold Field; Ontario Bureau of Mines, Annual Report, 1911, v.20, pt.1, p.133-157.

Morton, R.L., Hudsak,G.J.,and Franklin,J.M. 1999. Geology, south Sturgeon Lake area, Geological Survey of Canada.

Percival, J.A., Whalen, J.B., Tomlinson, K.Y., McNicoll, V.J., and Stott, G.M. 2002. Geology and tectonostratigraphic assemblages, north-central Wabigoon subprovince, Ontario, Geological survey of Canada, Open file 4270.

Ravanas, C. 2002. Red Lake District Geologist Office (Kenora District), St. Anthony Property, OFR 6119, pp 106-111.

Robinson, D. J. 1992. Geology of the Six Mile Lake area; Ontario Geological Survey, Open File Report 5838, 93p.

Rogers, D.P., 1964: Metionga Lake Area, Districts of Thunder Bay and Kenora;Ontario Department of Mines, Report 24, 53p.

Sanborn-Barrie, M. 1989: Geology of the Savant Lake area; *in* Summary of Field Work and Other Activities 1989, Ontario Geological Survey, Miscellaneous Paper 146, p. 54-62.

----------, 1990: Geology of the Savant Lake Area; *in* Summary of Field Work and Other Activities 1990, Ontario Geological Survey, Miscellaneous Paper 151, p. 22-30.

Sanborn-Barrie, M., Skulski, T., 2006: Sedimentary and structural evidence for 2.7Ga continental-arc oceanic-arc collision in the Savant-Sturgeon greenstone belt, western superior province, Canada. C.J.E.S. #43-pp. 995-1030.

Smith, D.B., 1983: Report on the Morgan Island property for Noble Peak Resources, AR# 52J02SE8692.

Stares, S., Mowat A.J.M. 2004, Prospecting and AEM, mag survey on the St. Anthony project. AR# 52J02NE2001 & 2002.

Trowell, N. F. 1974a: Geology of the Bell Lake-Sturgeon LakeArea, Districts of Kenora and Thunder Bay; Ontario Division of Mines, Report 114, 67 p.

----------, 1974b: Geology of the Glitter Lake Area; Districts of Kenora and Thunder Bay; Ontario Division of Mines, Report 120, 31p.

----------, 1978: Geology of the Sturgeon Lake-Chevrier Township Area, District of Thunder Bay; Ontario Division of Mines, Open File Report 5250, 97p.

----------, 1983: Geology of the Squaw Lake-Sturgeon Lake Area, District of Thunder Bay; Ontario Geological Survey, Report 227, 114 p.

----------, 1983: Geology of the Sturgeon Lake Area, Districts of Kenora and Thunder Bay; Ontario Geological Survey, Report 221, 97p.

Williams, H. R. 1993: Re-assessment of the stratigraphy and structure of the northern part of the Sturgeon Lake region, districts of Kenora and Thunder Bay, Ontario Geological Survey, Open File Report 5845, 123p.

Van Enk, R.J., 1984: Stornaway Resources Ltd. McEdwards Lake Property, report on diamond drilling. AR# 52J02SE9258.

Van Enk R. 1987: Almaden Resources Corporation, King Bay Property, Drill Program. AR#52J02SW0004.

Williams, H.R., Stott, G.M., Thurston, P.C., Sutcliffe, R.H., Bennett, G., Easton, R.M. and Armstrong, D.K. 1992. Tectonic Evolution of Ontario: Summary and Synthesis *in* Geology of Ontario, Ontario Geological Survey,Special Volume 4, Part 2, p.1255-1332.

10-STATEMENT OF QUALIFICATIONS

I , Graeme Evans , do certify that:

1) I am a geologist and have practiced my profession for the last thirty years.

2) I graduated from the University of British Columbia, Vancouver, British Columbia with a Bachelor of Science degree in Geology (1983).

3) I am a member in good standing with the APEGBC (member #20,191) as a professional geoscientist , i am also a practicing member (member #1748) in good standing with the APGO .

4) I was actively involved and supervised the St. Anthony program and authored the report herein.

5) All data contained in this report and conclusions drawn from it are true and accurate to the best of my knowledge.

6) I hold no direct or indirect personal interest, in the St. Anthony property which is the subject of this report.

Graeme Evans
Geological Consultant
March 5, 2012

APPENDIX I

Prospecting Sample Decriptions

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
29501	667144	5555610		ca & wl	10/21/2011	grab		pyritic Mafic Volcanics	29501			0.025	<0.2	2	<2	79	<2	21		
29502	667138	5555605		ca & wl	10/21/2011	grab		milky white QV w/ 5% pyrite	29502			0.47	2.6	15	<2	3970	<2	33		
29503	667131	5555600		ca & wl	10/21/2011	grab		milky white QV w/ 5% pyrite	29503			0.056	1.2	<2	<2	2140	<2	22		
29504	667131	5555596		ca & wl	10/21/2011	grab		white QV-2% pyrite	29504			0.207	<0.2	2	<2	74	<2	20		
29505	667131	5555600		ca & wl	10/21/2011	grab		sericite altd QFP? W 1-2% cpy	29505			0.091	1.1	3	<2	4330	<2	39		
29506	667119	5555604		ca & wl	10/21/2011	grab		white QV-2% pyrite	29506	0.57		2.14	0.2	2	<2	183	<2	6		
29507	667113	5555593		ca & wl	10/21/2011	grab		white QV-2% pyrite -QFP host	29507			0.055	1.4	<2	<2	637	<2	9		
29508	667110	5555589		ca & wl	10/21/2011	grab		milky white QV w/ 5% pyrite and malachite w/ chl altd mafic volcanics	29508	0.9		1.445	23.1	5	4	8430	<2	42		
29509	667106	5555586		ca & wl	10/21/2011	grab		white QV-2% pyrite	29509			0.005	0.3	<2	<2	236	<2	<2		
29510	667106	5555584		ca & wl	10/21/2011	grab		white QV-2% pyrite	29510			0.062	1	3	<2	1005	<2	22		
29511	667024	5555408		ca & wl	10/21/2011	grab		white QV-2% pyrite	29511			0.002	<0.2	2	<2	58	<2	9		
29512	666947	5555390		ca & wl	10/21/2011	grab		white QV-5% pyrite, 2% cpy	29512	2.94		2.87	89.8	5	<2	>10000	<2	462	5.27	
29513	666947	5555386		ca & wl	10/21/2011	grab		milky white QV w/ 5% pyrite	29513			0.335	5	2	<2	2430	<2	44		
29514	666828	5555358		ca & wl	10/21/2011	grab		white fgr QFP dyke ser altd w/ 2% dissem py	29514			0.01	0.7	<2	<2	259	<2	30		
29515	666956	5554783		ca & wl	10/21/2011	grab		pyritic Mafic Volcanic	29515			0.01	0.2	16	<2	127	<2	36		
29516	666956	5554783		ca & wl	10/21/2011				29516			0.186	<0.2	16	<2	117	<2	32		
29517	666988	5555214		ca & wl	10/21/2011				29517			0.004	<0.2	7	<2	79	<2	21		
29518	666942	5555212		ca & wl	10/21/2011				29518			0.004	<0.2	<2	<2	95	<2	14		
29519	666814	5555169		ca & wl	10/21/2011				29519			0.068	5.1	8	9	2400	<2	18		
29520	667057	5555527		ca & wl	10/21/2011				29520			0.006	<0.2	<2	<2	53	<2	7		
29521	667026	5555203		ca & wl	10/21/2011				29521	0.53		0.533	5.4	<2	6	6540	<2	69		
29522	667026	5555203		ca & wl	10/22/2011				29522			0.098	0.9	2	<2	1395	<2	84		
29523	666980	5555080		ca & wl	10/22/2011				29523			0.007	<0.2	<2	<2	115	<2	26		
29524	666987	5555083		ca & wl	10/22/2011				29524			0.041	0.5	<2	<2	636	<2	19		
29525	666955	5555062		ca & wl	10/22/2011				29525			0.324	0.4	2	<2	571	<2	8		
29526	666911	5555127		ca & wl	10/22/2011	grab		white quartz vn, no visual mineralization. 4" wide heading 30 deg S	29526			0.002	<0.2	<2	<2	7	<2	15		
29527	666924	5554827		ca & wl	10/22/2011	grab		green schist	29527			0.011	<0.2	<2	<2	266	<2	38		
29528	666920	5554827		ca & wl	10/22/2011	grab		smokey quartz in green schist	29528			0.002	<0.2	<2	<2	124	<2	14		
29529	666974	5555419		ca & wl	10/22/2011	grab		2 ft wide quartz vein, minor py	29529			0.001	0.2	<2	<2	46	<2	33		
29530	667345	5556677		ca & wl	10/23/2011	grab		rusty quartz. Old pit sample	29530	12.95		>10.0	10.6	<2	8	111	3	6		
29531	667529	5556770	strip zone A	ca & wl	10/23/2011	grab		rusty white quartz. Boudin in mafic minor py. Running 31 deg NE	29531			0.016	<0.2	<2	<2	15	<2	39		
29532	667529	5556770	strip zone A	ca & wl	10/23/2011	grab		fine grain quartzite in volcanics of stripped area. Running 31 deg NE	29532			0.04	0.2	<2	<2	237	<2	109		
29533	667530	5556773	strip zone A	ca & wl	10/23/2011	grab		rusty quartz boudin, running 31 deg NE	29533			0.005	<0.2	3	<2	31	<2	53		
29534	667525	5556773	strip zone A	ca & wl	10/23/2011	grab		rusty white quartz vein. 6" - 14" wide. Some py, cpy & spal. Heading 31 deg NE	29534			0.011	0.6	<2	<2	827	<2	14		
29535	667527	5556773	strip zone A	ca & wl	10/23/2011	grab		rusty white quartz vein with py & cpy from 3" to 1 ft wide. Heading 31 deg NE	29535			0.02	1.4	4	<2	413	<2	43		
29536	667533	5556831	strip zone B	ca & wl	10/23/2011	grab		mineralized schist with py + cpy from pit tailings	29536			0.007	0.8	<2	<2	608	<2	100		
29537	667533	5556831	strip zone B	ca & wl	10/23/2011	grab		rusty quartz from pit tailings. Heavy mineralization with massive py & cpy\	29537			0.074	3.6	<2	2	1960	<2	33		
29538	667525	5556833	strip zone B	ca & wl	10/23/2011	grab		mineralized schist	29538			0.006	0.6	<2	<2	644	<2	96		
29539	667524	5556833	strip zone B	ca & wl	10/23/2011	grab		mineralized schist & rusty quartz. Some py & cpy	29539			0.003	0.3	<2	<2	299	<2	86		
29540	667524	5556833	strip zone B	ca & wl	10/23/2011	grab		rusty quartz boudin	29540			0.009	0.5	<2	<2	338	<2	82		
29541	667525	5556830	strip zone B	ca & wl	10/23/2011	grab		2 ft wide white quartz vn going into blasted pit	29541			0.001	<0.2	<2	<2	8	<2	2		
29542	667526	5556826	strip zone B	ca & wl	10/23/2011	grab		3 ft wide rusty quartz vein with minor py & cpy	29542			0.005	<0.2	<2	<2	220	<2	45		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
29543	667526	5556826		ca & wl	10/23/2011	grab		QFP zone in volcanics with py & cpy. Heading 30 deg NE	29543			0.013	1	2	<2	706	3	192		
29544	667489	5556822		ca & wl	10/23/2011	grab		2ft wide quartz vein with py & cpy	29544			0.002	0.3	5	<2	373	10	46		
29545	667490	5556835		ca & wl	10/23/2011	grab		mineralized schist with py & cpy	29545			0.002	<0.2	<2	<2	13	2	5		
29546	667495	5556819		ca & wl	10/23/2011	grab		quartz boudinage	29546			0.012	<0.2	<2	<2	247	<2	77		
29547	667510	5556819		ca & wl	10/23/2011	grab		schist with py & cpy	29547			0.006	<0.2	<2	<2	226	3	125		
29548	667490	5556838		ca & wl	10/23/2011	grab		quartz in schist with py & cpy	29548			0.003	<0.2	<2	<2	184	<2	46		
29549	667878	5557732		ca & wl	10/23/2011	grab		4 ft wide qfp dyke	29549			0.015	<0.2	<2	<2	12	<2	3		
29550	667878	5557732		ca & wl		grab		2% py cpy bornite sphal in Qtz-shaft at trench	29550			0.018	0.2	3	2	159	<2	67		
29551	666769	5553091		J & J					29551			0.045	<0.2	6	<2	3	3	2		
29552	666794	5553084		J & J					29552			0.004	<0.2	3	<2	174	<2	38		
29553	666847	5553056		J & J					29553			0.002	<0.2	2	<2	106	<2	61		
29554	666865	5553063		J & J					29554			0.017	0.6	3	<2	437	<2	38		
29555	666874	5553094		J & J					29555			0.005	0.3	4	<2	97	<2	32		
29556	666870	5553122		J & J					29556			0.003	0.2	4	<2	241	<2	47		
29557	666882	5553163		J & J					29557			0.002	<0.2	9	<2	24	<2	43		
29558	666820	5553288		J & J					29558			0.007	2.3	28	2	276	2	85		
29559	666817	5553293		J & J					29559			0.008	0.4	2	<2	402	<2	62		
												0.042	0.4	16	3	243	<2	108		
29562	667965	5558509		J & J					29562			0.066	0.4	<2	<2	150	2	48		
29563	667965	5558509		J & J					29563			0.018	0.2	<2	<2	70	9	39		
29564	667962	5558441		J & J				#2 pit	29564			0.019	0.3	2	<2	209	4	30		
29565	667962	5558441		J & J					29565			0.086	0.2	<2	<2	107	<2	38		
29566	667962	5558441		J & J					29566			0.018	<0.2	5	<2	91	2	106		
29567	667962	5558441		J & J					29567			0.057	0.4	5	<2	336	<2	135		
29568	667810	5553934		J & J					29568			0.003	<0.2	2	<2	78	<2	14		
29569	667825	5553852		J & J					29569			0.003	<0.2	5	<2	120	<2	84		
29570	667848	5553910		J & J					29570			0.003	<0.2	<2	3	195	<2	103		
29571	667863	5553907		J & J					29571	2.07		1.865	10.6	15	48	3920	<2	61		
29572	667876	5553917		J & J					29572	24.1		>10.0	19.5	127	11	4720	<2	44		
29573	667876	5553917		J & J					29573	11.7		>10.0	6.8	52	4	3110	2	38		
29574	667876	5553917		J & J					29574	2.38		2.64	20.4	114	12	7240	<2	91		
29575	668549	5558534		J & J					29575			0.063	0.3	3	<2	554	<2	32		
29576	667338	5556654	south of dawson. Plt	chuck or John	10/26/2011			py cpy granodiorite	29576			<0.001	<0.2	<2	<2	16	2	50		
29577	667338	5556654	south of dawson. Plt	chuck or John	10/26/2011			blast pit. Py cpy schist	29577			0.008	<0.2	3	<2	33	3	103		
29578	667338	5556654	south of dawson. Pit	chuck or John	10/26/2011			blast pit. Py cpy qfp	29578			0.027	<0.2	<2	<2	13	6	6		
29579a	667338	5556654										0.001	<0.2	<2	<2	17	4	41		
29579b	667338	5556654	south of dawson. Plt	chuck or John	10/26/2011			blast pit. Py cpy qfp	29579			0.005	<0.2	<2	<2	13	11	8		
29580	667338	5556654	south of dawson. Pit	chuck or John	10/26/2011			blast pit. Py cpy rusty mafic	29580			0.007	<0.2	<2	<2	84	3	34		
29581	667338	5556654	south of dawson. Pit	chuck or John	10/26/2011			blast pit. Py/cpy. White qtz	29581			0.005	<0.2	<2	<2	45	<2	14		
29582	667338	5556654	south of dawson. Plt	chuck or John	10/26/2011			blast pit. Py grey green schist	29582			0.039	<0.2	<2	<2	37	3	267		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
29583	667338	5556654	south of dawson. Pit	chuck or John	10/26/2011			blast pit	29583	14.35		>10.0	3.8	<2	5	54	7	4		
29584	667906	5558056		chuck or John	10/30/2011			old pit new stripping. Rusty shear	29584			0.033	<0.2	4	<2	102	<2	143		
29585	667911	5558031		chuck or John	10/30/2011			CA qtz in shear at old pit py, cpy new trenching	29585			0.057	0.3	3	<2	80	4	22		
29586	667911	5558031		chuck or John	10/30/2011			1 ft w new trenching ca qtz with massive py	29586			0.638	1.8	4	<2	134	<2	57		
29587	667911	5558031		chuck or John	10/30/2011			schist in new trenching	29587			0.334	0.6	2	<2	11	2	62		
29588	667900	5557992		chuck or John	10/30/2011			schist in new trenching	29588	2.59		2.81	2.9	2	<2	942	<2	40		
29589	667952	5557773		chuck or John	10/30/2011			qtz vn	29589			0.034	0.3	<2	<2	294	<2	6		
29590	667952	5557773		chuck or John	10/30/2011			schist in new trenching	29590			0.009	<0.2	<2	<2	248	<2	74		
29591	667909	5557971		chuck or John	10/30/2011			schist in new trenching	29591			0.038	0.2	2	<2	91	<2	160		
29592	667887	5557992		chuck or John	10/30/2011			schist in new trenching	29592			0.048	<0.2	5	<2	127	<2	114		
29593	667861	5557878		chuck or John	10/30/2011			schist from old shaft	29593			0.058	0.4	4	<2	176	<2	112		
29594	667861	5557878		chuck or John	10/30/2011			qtz from old shaft	29594			0.127	1.2	2	<2	146	<2	32		
29595	667911	5558031		chuck or John	10/30/2011			qtz from old shaft	29595			0.493	0.9	3	<2	18	<2	19		
29596	667975	5559217		chuck or John	10/31/2011			schist & qtz	29596			0.319	0.6	<2	<2	198	2	165		
29597	667975	5559217		chuck or John	10/31/2011			schist from new trench	29597			0.245	0.8	<2	<2	140	8	24		
29598	667975	5559217		chuck or John	10/31/2011			qtz and schist from new trench	29598			0.162	0.4	<2	2	31	3	71		
29599	667975	5559217		chuck or John				schist from new trench	29599			0.15	0.3	<2	3	79	<2	99		
29600	667975	5559217		chuck or John				schist and qtz from new trench	29600	5.83		6.29	>100	2	276	2920	753	61		149
29601	667990	5558626	channel sample	ca	10/24/2011		0.5 m	trench #1. 0-.5m foliated MV	29601			0.555	1.7	<2	2	170	2	132		
29602	667990	5558626	channel sample	ca	10/24/2011		0.5 m	.5 - 1.0 m foliated MV	29602	1.93		1.765	5.5	4	3	292	3	124		
29603	667990	5558626	channel sample	ca	10/24/2011		0.5 m	1.0 - 1.5m foliated MV	29603			0.146	0.7	5	2	64	4	69		
29604	667990	5558626	channel sample	ca	10/24/2011		0.5 m	1.5 - 2.0m foliated MV and quartz	29604			0.451	1	<2	14	120	3	96		
29605	667990	5558626	channel sample	ca	10/24/2011		0.5 m	2.0 - 2.5m end of channel 2.5m foliated MV and quartz	29605	4.13		4.01	4.5	<2	19	36	5	89		
29606	667987	5558614	channel sample	ca	10/24/2011		0.5 m	channel 2 green schist .5m	29606			0.407	0.5	<2	<2	109	<2	143		
29607	667987	5558614	channel sample	ca	10/25/2011		0.5 m	channel 2 green schist .5m	29607	18.1		>10.0	33	2	19	156	3	147		
29608	667987	5558614	channel sample	ca	10/25/2011		0.5 m	channel 2 green schist .5m	29608	7.82		5.67	11.8	<2	2	141	<2	129		
29609	667987	5558614	channel sample	ca	10/25/2011		0.5 m	channel 2 .5m	29609			0.427	1.4	<2	<2	89	<2	62		
29610	667987	5558614	channel sample	ca	10/25/2011		0.5 m	channel 2 .5m	29610			0.292	1.1	2	<2	97	<2	75		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
29611	667987	5558614	channel sample	ca	10/25/2011		0.5 m	channel 2 .5m	29611			0.352	0.8	<2	<2	123	<2	104		
29612	667987	5558614	channel sample	ca	10/25/2011		0.5 m	channel 2 .5m	29612			0.369	0.9	2	<2	79	<2	110		
29613	667987	5558614	channel sample	ca	10/25/2011		0.5 m	end of channel 2 .5m	29613	10.7		>10.0	27.8	<2	<2	131	4	94		
29614	667980	5558609	channel sample	ca	10/25/2011		0.5 m	Channel 3, .5 green shist, with qtz	29614			0.934	3.6	<2	<2	118	<2	127		
29615	667980	5558609	channel sample	ca	10/25/2011		0.5 m	Channel 3, .5 Decomposed green shist py	29615			0.845	2	<2	5	37	<2	60		
29616	667980	5558609	channel sample	ca	10/25/2011		0.5 m	Channel 3, .5 py	29616			0.457	1.5	<2	<2	217	<2	125		
29617	667987	5558614	channel sample	ca	10/25/2011		0.5 m	Channel 3, .5 py	29617	2.33		2.66	5.5	<2	<2	204	4	112		
29618	667980	5558609	channel sample	ca	10/25/2011		0.5 m	Channel 3, .5 py	29618			0.628	1.2	<2	2	150	<2	135		
29619	667980	5558609	channel sample	ca	10/25/2011		0.5 m	Channel 3, .5 py	29619	2.33		2.04	4.8	<2	2	21	<2	46		
29620	667980	5558609	channel sample	ca	10/25/2011		0.5 m	Channel 3, .5 py. white qtz w/ py cubes	29620	1.67		1.55	3.9	<2	18	11	<2	37		
29621	667980	5558609	channel sample	ca	10/25/2011		0.5 m	channel 3 .5 offset 1.5m/s. Green schist in contact with 20cm wide granodiorite dyke	29621			0.105	0.5	<2	<2	86	2	68		
29622	667980	5558609	channel sample	ca	10/25/2011		0.5 m	mafic volcanic intusion will mineralized with py cpy .5	29622			0.072	0.2	<2	<2	103	<2	59		
29623	667980	5558609	channel sample	ca	10/25/2011		0.5 m	mafic volcanic intusion will mineralized with py cpy .5	29623			0.054	0.2	<2	<2	114	<2	41		
29624	667980	5558609	channel sample	ca	10/25/2011		0.5 m	5m channel. Contact wityh pyroclastic unit. No visible minerals. End of channel .5	29624			0.039	<0.2	<2	<2	132	<2	44		
29625	667980	5558609	channel sample	ca	10/25/2011		0.5 m	channel 4. 7.5m south of #3. green schist w qtz stringers py.	29625			0.758	3	2	2	120	<2	148		
29626	667978	5558604	trench #1	ca	10/26/2011		0.5 m	channel#4 green schist qutz py/cpy .5m	29626	5.23	4.54	4.2	7.8	<2	2	55	2	38		
29627	667978	5558604	trench #1	ca	10/26/2011		0.5 m	channel #4. green schist w qtz stringers py/cpy	29627	4.49	5.66	3.67	9.4	<2	2	158	4	147		
29628	667978	5558604	trench #1	ca	10/26/2011		0.5 m	channel #4. qtz blob .25m green schist .25m py/cpy .5m	29628	5.51	4.83	4.86	16.6	<2	2	122	3	97		
29629	667978	5558604	trench #1	ca	10/26/2011		0.5 m	channel #4 green schist very rusty w py cubes. .5m	29629	16.2		>10.0	27.7	<2	42	156	5	86		
29630	667978	5558604	trench #1	ca	10/26/2011		0.5 m	channel #4 .25m green schist. .25m grano diortie dyke possible Qfp. .5m	29630	1.89		1.7	4.4	2	4	95	<2	155		
29631	667978	5558604	trench #1	ca	10/26/2011		0.5 m	granodiorite dyke grading into green schist dyke. 20cm py/cpy. .5m	29631			0.193	0.4	<2	<2	22	3	10		
29632	667978	5558604	trench #1	ca	10/26/2011		0.5 m	50cm wide granodiorite dyke. Py/cpy. .5m	29632			0.102	0.3	<2	<2	53	4	23		
29633	667978	5558604	trench #1	ca	10/26/2011		0.5 m	granodiorite dyke grading into rusty green schist. py/cpy. .5m	29633			0.93	<0.2	<2	<2	96	<2	67		
29634	667978	5558604	trench #1	ca	10/26/2011		0.5 m	rusty green schist py cpy #4 channel. .5m	29634			0.026	0.2	<2	<2	66	<2	53		
29635	667978	5558604	trench #1	ca	10/26/2011		0.5 m	fp dyke 40cm wide py/cpy. .5m	29635			0.196	<0.2	<2	<2	65	<2	88		
29636	667978	5558604	trench #1	ca	10/26/2011		0.5 m	End of channel 4 .5m Qfp in contact with pyro flow	29636			0.016	0.2	<2	<2	37	<2	23		
29637	667968	5558448	trench #2	ca	10/27/2011		0.5 m	New trench - all samples from W to E. .25cm green schist. .25cm qtz with schist stringers will mineralized with py/cpy. .5m	29637			0.035	0.6	<2	<2	438	<2	68		
29638	667968	5558448	trench #2	ca	10/27/2011		0.5 m	green schist. 75deg W Qtz 25. .5	29638			0.07	0.2	<2	<2	293	2	97		
29639	667968	5558448	trench #2	ca	10/27/2011		0.5 m	w Qtz. No visible mineralization .5	29639			0.005	<0.2	<2	<2	12	<2	5		
29640	667968	5558448	trench #2	ca	10/27/2011		0.5 m	10cm Qfp. Grading in green schist. .5	29640			0.008	<0.2	<2	<2	37	4	49		
29641	667968	5558448	trench #2	ca	10/27/2011		0.5 m	.25cm green schist .25 w quartz with schist stringers. Well mineralized. Cpy/py .5m	29641			0.012	0.3	2	<2	41	<2	35		
29642	667968	5558448	trench #2	ca	10/27/2011		0.50 m	green schist in contact with country rock. .5 end of channel	29642			0.006	<0.2	<2	<2	107	3	97		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
29643	667968	5558441	channel	ca	10/27/2011		0.50 m	decomposed green schist .5	29643			0.194	1	<2	<2	322	2	135		
29644	667968	5558441	channel	ca	10/27/2011		0.50 m	decomposed green schist .5	29644			0.022	0.4	<2	<2	145	<2	87		
29645	667968	5558441	channel	ca	10/27/2011		0.50 m	w qtz in contact wih QFP .5m	29645			0.071	0.7	<2	<2	220	3	123		
29646	667968	5558441	channel	ca	10/27/2011		0.50 m	w qtz with massive blebs py cpy .5	29646			0.013	0.3	<2	<2	30	3	3		
29647	667968	5558441	channel	ca	10/27/2011		0.50 m	w qtz into darker qtz with schist stringers cpy/py .5	29647			0.584	5.3	2	<2	>10000	3	25	1.87	
29648	667968	5558441	channel	ca	10/27/2011		0.50 m	smokey qtz with schist stringers in contact with country rock cpy/py .5	29648			0.144	2.8	2	<2	397	2	42		
29649	667968	5558431	channel #3 10 m/s of #2	ca	10/27/2011		0.50 m	rusty schist py .5	29649			0.04	0.4	<2	<2	216	<2	95		
29650	667968	5558431	channel #3				0.50 m	rusty schist py .5	29650			0.042	0.7	2	<2	142	2	169		
29651	667968	5558431	channel #3		10/27/2011		0.50 m	w qtz .5m	29651			0.005	<0.2	<2	<2	18	<2	2		
29652	667968	5558431	channel #3		10/27/2011		0.50 m	w qtz .5m	29652			0.294	6.7	<2	8	70	5	10		
29653	667968	5558431	channel #3		10/27/2011		0.50 m	w qtz .5m	29653			0.644	14.5	2	15	79	9	10		
29654	667968	5558431	channel #3		10/27/2011		0.50 m	w qtz in schist. End of channel 3m	29654			0.006	0.2	<2	<2	28	<2	14		
29655	667968	5558421	channel 4		10/28/2011		0.50 m	w qtz in schist	29655			0.007	0.2	<2	<2	516	7	4		
29656	667968	5558421	channel 4				0.50 m	w qtz .5m	29656			0.004	<0.2	<2	<2	25	6	13		
29657	667968	5558421	channel 4				0.50 m	w qtz .5m	29657			0.004	<0.2	<2	<2	20	3	10		
29658	667968	5558421	channel 4				0.50 m	w qtz .5m	29658			0.017	<0.2	<2	<2	11	7	22		
29659	667968	5558421	channel				0.50 m	w qtz .5m	29659			0.011	<0.2	4	<2	80	12	138		
29660	667968	5558448	new pit		10/31/2011			qtz w py. Outcrop new trench/N	29660			0.158	0.7	<2	<2	51	4	26		
29661	667968	5558411	outcrop	chuck or John	10/31/2011			qtz	29661			0.118	0.8	<2	2	50	3	39		
29662	667968	5558448	outcrop	chuck or John	10/31/2011			qtz	29662			0.778	0.3	<2	<2	37	2	11		
29663	667968	5558448	outcrop new trench	chuck or John	10/31/2011			qtz from new trench	29663	2.93		2.82	2.2	<2	<2	115	11	97		
29664	667968	5558448		chuck or John	10/31/2011			mafic from new trench	29664			0.027	0.8	2	3	198	4	102		
29665	667968	5558448		chuck or John	10/31/2011			q/f/p in new trench	29665			0.462	0.7	<2	<2	69	3	40		
29666	667968	5558448		chuck or John	10/31/2011			q/f/p in new trench	29666			0.196	0.7	<2	<2	54	3	2		
29667	667968	5558448		chuck or John	10/31/2011			q/f/p in new trench	29667			0.026	0.3	<2	<2	31	5	10		
29668	667968	5558448		chuck or John	10/31/2011			schist in new trenching	29668			0.178	0.3	<2	2	106	6	128		
29669	667968	5558448		chuck or John	10/31/2011			schist	29669	12.6		>10.0	11	2	9	106	30	108		
29670	667968	5558448		chuck or John	10/31/2011			schist in new trenching	29670			0.116	0.5	2	<2	153	5	104		
29671	667968	5558448		chuck or John	10/31/2011			granodiorite in new trenching	29671			0.038	<0.2	<2	<2	19	2	17		
29672	667968	5558448		chuck or John	10/31/2011			schist in new trenching	29672			0.053	0.4	2	3	14	4	70		
29673	667968	5558448		chuck or John	10/31/2011			schist in new trenching	29673			0.009	0.2	<2	2	17	2	64		
29674	667968	5558371		chuck or John	11/1/2011			qtz from trench #2	29674			0.592	7.6	8	<2	5140	24	57		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
29675	667968	5558381		chuck or John	11/1/2011			mafic from old blast bplt	29675			0.025	0.3	2	<2	137	2	50		
29701	667772	5557508						white Quartz Vein-2-3% py	29701			0.012	1.6	<2	3	505	2	16		
29702	667772	5557508						qtz veinlets w 5% py in MV	29702			0.026	<0.2	2	<2	167	<2	60		
29703	667772	5557508						white QV	29703			0.042	2.7	3	4	3440	17	88		
29704	667772	5557508						white QV-2-3%py	29704			0.02	0.2	<2	2	90	2	37		
29705	667782	5557503						pyritic and chloritic MV	29705			0.006	0.2	<2	<2	106	<2	113		
29706	667828	5557532						sugary QV-2-3% py	29706			0.006	0.2	<2	<2	85	7	11		
29707	667858	5557567						silicd MV w/ 1-2% pyrite	29707			0.007	<0.2	<2	<2	85	<2	14		
29708	667845	5557561						pyritic and chloritic MV	29708			0.014	<0.2	<2	<2	336	<2	32		
29709	667861	5557570						white QV-2-3%py	29709			0.04	0.2	2	<2	206	<2	13		
29710	667868	5557579						pyritic and chloritic MV	29710			0.007	<0.2	<2	<2	122	<2	14		
29711	667913	5557662						carb altd quartz veinlets in chl altd MV	29711			0.005	0.2	<2	2	77	<2	60		
29712	667905	5557629						epidote altered MV's	29712			0.006	0.2	2	<2	156	<2	24		
29713	667912	5557646						qtz veinlets w 5% py in MV	29713			0.006	<0.2	<2	2	87	<2	19		
29714	667912	5557680						pyritic and chloritic MV	29714			0.002	<0.2	<2	<2	22	<2	83		
29715	667831	5557727						pyritic and chloritic MV	29715			0.004	<0.2	<2	<2	63	<2	31		
29716	667895	5557718						white QV-2-3%py	29716			0.14	0.6	<2	<2	357	<2	6		
29717	667854	5557762						QV and ser altd QFP	29717			0.007	<0.2	3	<2	7	9	5		
29718	667846	5557821						sugary QV-5% py	29718			0.356	0.4	3	<2	157	<2	26		
29719	667846	5557821						sugary QV-5% py	29719			0.536	0.3	2	2	165	<2	52		
29720	667857	5557856						pyritic and chloritic MV	29720			0.005	0.2	2	<2	43	<2	56		
29721	667837	5557828						silicified and foliated MV w/ 2% py	29721			0.005	0.2	3	<2	76	<2	58		
29722	667825	5557808						silicified and foliated MV w/ 2% py	29722			0.01	0.3	26	<2	291	<2	24		
29723	667976	5558065						silicified and foliated MV w/ 2% py	29723			0.002	<0.2	3	<2	28	<2	16		
29724	667914	5558092						white QV-2-3%py	29724			0.01	0.2	3	<2	13	<2	24		
29725	667914	5558092						silicified and foliated MV w/ 2% py	29725			0.011	0.2	2	<2	50	<2	150		
29727	668549	5558534						missing??	29727			0.018	0.4	3	<2	254	<2	44		
29728	668443	5558786						white QV-2-3%py	29728			0.021	0.4	2	<2	307	<2	29		
29729	667950	5558165						quartz veinlets in foln chl altd MV's	29729			0.011	0.2	<2	<2	68	<2	128		
29730	667914	5558092						white QV-2-3%py	29730			0.018	0.2	4	<2	37	2	19		
29731	669504	5558612			10/18/2011			white QV-2-3%py	29731			0.018	2.5	15	<2	157	2	17		
29732	669477	5558467			10/18/2011			quartz veinlets in foln chl altd MV's	29732			0.001	<0.2	2	<2	2	<2	36		
29733	669242	5558787			10/18/2011			chloritic and foliated MV's 2-3% pyrite	29733			0.006	0.2	4	<2	291	<2	54		
29734	666996	5555434			10/18/2011			white QV-5%py limonitic	29734			0.004	<0.2	8	<2	76	<2	26		
29735	666993	5555440			10/18/2011			white QV-5%py limonitic	29735			0.003	0.2	<2	<2	180	<2	27		
29736	666993	5555442			10/18/2011			white QV-5%py limonitic	29736			0.005	0.2	<2	<2	153	<2	3		
29737	666993	5555441			10/18/2011			white QV-5%py limonitic	29737			0.004	<0.2	<2	<2	24	<2	<2		
29738	666994	5555437			10/18/2011			quartz veinlets in foln chl altd MV's	29738			0.004	0.2	2	<2	130	<2	81		
29739	666995	5555434			10/18/2011			white QV-2-3%py w/ malachite on fractures - 1% cpy blebs	29739			0.001	2.1	13	<2	8730	<2	13		
29740	667088	5555572			10/18/2011			white QV-2-3%py	29740			0.095	1.2	2	<2	1025	<2	17		
29741	667088	5555572			10/18/2011			silicified and foliated MV w/ 2% py	29741			0.006	0.2	6	<2	86	<2	49		
29742	667088	5555675			10/18/2011			white QV-2-3%py w/ malachite on fractures	29742			0.013	0.2	2	<2	340	<2	19		
29743	667098	5555573			10/18/2011			white QV-2-3%py	29743			0.218	3.6	2	<2	1730	<2	33		
29744	667097	5555573			10/18/2011			chloritic and foliated MV's 2-3% pyrite	29744			0.01	<0.2	3	<2	154	<2	70		
29745	667097	5555573			10/18/2011			white QV-2-3%py	29745			0.075	1.4	2	<2	1215	<2	75		
29746	667094	5555576			10/18/2011			chloritic and foliated MV's 2-3% pyrite	29746			0.012	<0.2	10	<2	114	<2	25		
29747	667096	5555575			10/18/2011			white QV-5%py limonitic	29747			0.014	0.2	3	<2	295	<2	21		
29748	667106	5555579			10/18/2011			white QV-2-3%py w/ malachite on fractures - 1% cpy blebs	29748			0.249	4.9	<2	<2	4420	<2	62		
29749	667106	5555579			10/18/2011			white QV-2-3%py w/ malachite on fractures - 1% cpy blebs	29749	19.6		>10.0	13.8	2	<2	1175	<2	25		
29750	667105	5555582			10/18/2011			white QV-2-3%py	29750			0.121	0.9	3	<2	1170	<2	13		
29751	667357	5556706			10/18/2011			white QV-2-3%py	29751			0.078	<0.2	2	<2	32	<2	41		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
29752	667357	5556706			10/18/2011			white QV-2-3%py w/ malachite on fractures - 1% cpy blebs	29752	7.07	7.19	4.2	17.9	<2	33	1690	12	41		
29753	667357	5556706			10/18/2011			white QV-2-3%py	29753	3.11		2.8	12.1	<2	19	199	10	6		
29754	667347	5556681			10/18/2011			white QV-2-3%py	29754	6.65		5.95	10.2	2	12	225	5	<2		
29755	667347	5556681			10/18/2011			pyritic and ser altd GDI	29755	1.52		1.005	1.1	2	<2	37	2	36		
29756	667336	5556142			10/18/2011			white QV-2-3%py	29756			0.023	0.2	<2	<2	62	<2	18		
29757	667336	5556642			10/18/2011			white QV-2-3%py	29757			0.01	0.3	<2	<2	286	<2	6		
29758	667336	5556642			10/18/2011			white QV-2-3%py	29758			0.029	1.5	<2	<2	1170	<2	48		
29759	667338	5556920		ca	10/19/2011			chloritic and foliated MV's 2-3% pyrite	29759			0.006	<0.2	<2	<2	113	<2	34		
29760	667674	5557075		ca	10/19/2011			white QV-2-3%py	29760			0.002	0.2	2	<2	105	<2	72		
29761	667623	5557080		ca	10/19/2011			white QV-5%py limonitic	29761			0.003	0.5	2	<2	231	<2	18		
29762	6677650	5557362		ca	10/19/2011			white QV-5%py limonitic	29762			0.005	<0.2	<2	<2	128	<2	29		
29763	667680	5557354		ca	10/19/2011			chloritic and foliated MV's 2-3% pyrite	29763			0.001	<0.2	<2	<2	12	2	40		
29764	667692	5557540		ca	10/19/2011			white QV-2-3%py	29764			0.008	<0.2	<2	<2	79	<2	25		
29765	667692	5557546		ca	10/19/2011			quartz veinlets in foln chl altd MV's	29765			0.005	<0.2	<2	<2	83	<2	18		
29766	667692	5557540		ca	10/19/2011			white QV-2-3%py	29766			0.001	<0.2	2	<2	12	2	7		
29767	667715	5557552		ca	10/19/2011			white QV-2-3%py	29767			0.003	<0.2	<2	<2	46	2	3		
29768	667840	5557627		ca	10/19/2011			white QV-2-3%py	29768			0.004	0.3	<2	<2	5	<2	2		
29769	667840	5557627		ca	10/19/2011			chloritic and foliated MV's 2-3% pyrite	29769			0.019	0.3	<2	<2	122	<2	114		
29770	667849	5557683		ca	10/19/2011			white QV-2-3%py	29770			<0.001	<0.2	<2	<2	12	<2	2		
29771	667914	5558092		ca	10/19/2011			white QV-5-10%py	29771			0.014	0.2	3	<2	12	3	9		
29772	667914	5558092		ca	10/19/2011			white QV-5%py limonitic	29772			0.013	<0.2	4	<2	20	<2	16		
29773	667914	5558092		ca	10/19/2011			white QV-5%py limonitic	29773			0.02	0.2	4	<2	9	2	8		
29774	667898	5558032		ca	10/19/2011			white QV-2-3%py	29774			0.003	<0.2	<2	<2	14	<2	24		
29775	667902	5558005		ca	10/19/2011			white QV-5-10%py	29775			0.104	0.9	2	<2	180	2	30		
29776	667805	5557856	bucksaw	ca	10/19/2011			white QV w/ 10% py	29776			0.063	0.4	2	<2	111	<2	91		
29777	667805	5557856	bucksaw	ca	10/19/2011			white QV w/ 10% py	29777			0.974	0.7	2	3	234	<2	41		
29778	667290	5556571		ca	10/19/2011			white QV w/ 10% py	29778			0.003	<0.2	<2	<2	4	<2	41		
29779	667798	5557732			10/20/2011			white QV w/ 10% py	29779			0.006	<0.2	<2	<2	12	3	3		
29780	667798	5557732			10/20/2011			white QV w/ 10% py	29780			0.006	0.2	<2	<2	15	<2	3		
29781	667776	5557698			10/20/2011			pyritic and ser altd GDI	29781			0.001	<0.2	3	<2	6	<2	18		
29782	667729	5557613			10/20/2011			white QV	29782			0.004	0.2	2	<2	24	2	5		
29783	667729	5557613			10/20/2011			white QV w/ 5% py	29783			0.002	<0.2	<2	<2	24	<2	4		
29784	667717	5557599			10/20/2011			chloritic and foliated MV's 2-3% pyrite	29784			0.002	<0.2	<2	<2	97	<2	18		
29785	667703	5557595			10/20/2011			white QV w/ 5% py	29785			0.006	<0.2	<2	<2	65	3	5		
29786	667386	5556672			10/20/2011			white QV w/ 5% py	29786			0.006	<0.2	<2	<2	36	3	36		
29787	667299	5556548			10/20/2011			QV and ser altd QFP	29787			0.002	0.2	<2	<2	32	8	10		
29788	667271	5556376			10/20/2011			chloritic and foliated MV's 2-3% pyrite	29788			0.007	0.2	<2	2	296	2	36		
29789	667264	5556364			10/20/2011			white QV w/ 5% py	29789			0.002	<0.2	<2	<2	24	16	3		
29790	667264	5556364			10/20/2011			white QV w/ 5% py	29790			0.013	0.5	<2	<2	492	4	9		
29791	667249	5555905			10/20/2011			white QV-2-3%py w/ malachite on fractures - 1% cpy blebs	29791			0.126	1.3	<2	<2	1965	<2	38		
29792	667267	5555898			10/20/2011			chloritic and foliated MV's 2-3% pyrite	29792			0.01	0.3	<2	<2	170	<2	36		
29793	667114	5555789			10/20/2011			white QV-2-3%py	29793			0.089	0.4	<2	2	623	<2	17		
29794	667068	5555818			10/20/2011			white QV-2-3%py	29794			0.007	<0.2	<2	<2	76	4	14		
29795	667024	5555921			10/20/2011			white QV-2-3%py	29795			0.021	0.3	<2	<2	6	8	18		
29796	667030	5555912			10/20/2011			chloritic and foliated MV's 2-3% pyrite	29796			0.13	0.2	<2	<2	104	6	88		
29797	667141	5555623			10/21/2011			white QV-2-3%py	29797			0.017	0.2	<2	<2	265	12	12		
29798	667150	5555621			10/21/2011			chloritic and foliated MV's 2-3% pyrite	29798			0.005	<0.2	2	<2	135	<2	51		
29799	667150	5555621			10/21/2011			white QV-2-3%py w/ malachite on fractures - 1% cpy blebs	29799			0.197	1.2	<2	<2	4270	3	19		
29800	667144	5555613			10/21/2011			white QV-2-3%py	29800			0.003	<0.2	<2	<2	241	<2	10		
31201	667542	5556828	wp 42						31201			0.102	1.7	<2	<2	1110	10	96		
31202	667815	5556764	wp 43						31202			0.031	<0.2	<2	<2	98	3	72		
31203	667827	5556776							31203			0.023	0.3	3	<2	75	4	71		
31204	667812	5556720							31204			0.02	0.3	7	<2	229	3	86		
31205	667786	5556699							31205			0.021	0.2	4	<2	59	<2	60		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
31206	667797	5556698							31206			0.011	0.2	6	<2	115	<2	53		
31207	667752	5556566							31207			0.018	<0.2	2	<2	78	<2	29		
31208	668252	5555709	wp 51					qv	31208			0.01	<0.2	<2	<2	132	<2	95		
31209	668265	5555762	pit						31209			0.012	<0.2	2	<2	212	<2	61		
31210	668265	5555762	pit						31210			0.006	<0.2	3	<2	23	<2	6		
31211	668014	5555585	N-S E-W trench					rusty quartz	31211			0.28	3.4	2	<2	444	2	21		
31212	667917	5555468							31212			0.007	0.3	5	<2	128	2	79		
31213	668122	5555452							31213			0.009	0.2	19	<2	85	<2	59		
31214	668195	5555219							31214			0.016	0.2	<2	<2	48	3	94		
31215	668035	5555569							31215	1.18		1.13	0.6	3	<2	107	<2	21		
31216	667973	5555797						qv - rusty calco	31216			0.051	0.4	3	<2	912	<2	17		
31217	667973	5555797							31217			0.005	0.2	<2	<2	208	4	100		
31218	668277	5555784	pit					sm 6x8x3' deep	31218			0.011	0.2	2	<2	93	3	76		
31219	668495	5556025							31219			0.005	<0.2	<2	<2	130	<2	58		
31220	668524	5555960						In host - schisty massive	31220			0.002	<0.2	3	<2	38	<2	14		
31221	668523	5555963						In the host	31221			0.03	0.4	21	<2	67	3	197		
31222	668524	5555960						In host schist	31222			0.003	0.3	4	<2	11	<2	9		
31223	668516	5555941							31223			0.005	<0.2	17	<2	20	2	19		
31224	668508	5555927							31224			0.006	0.2	<2	<2	74	2	135		
31225	668328	5555707							31225			0.004	0.2	2	<2	97	<2	71		
31226	667968	5558371	trench 2 channel #9					white quart m stringers	31226			0.047	0.3	<2	<2	24	2	92		
31227	667968	5558371	trench 2 channel #9					w q mst	31227			0.021	<0.2	<2	<2	13	2	77		
31228	667968	5558371	trench 2 channel #9					white q m stringers	31228			0.238	0.3	<2	<2	355	3	90		
31229	667968	5558371	trench 2 channel #9					white q m stringers	31229			0.003	<0.2	<2	<2	4	<2	22		
31230	667968	5558371	trench 2 channel #9					white q m stringers	31230			0.003	<0.2	<2	<2	20	2	92		
31231	667968	5558371	trench 2 channel #9					white q m stringers	31231			0.012	<0.2	2	<2	6	2	19		
31232	667968	5558371	trench 2 channel #9					white q m stringers	31232			0.006	<0.2	<2	<2	4	2	16		
31233	667968	5558361	trench 2 channel #10					white q m stringers, minor pirite	31233			0.003	<0.2	<2	<2	4	<2	7		
31234	667968	5558361	trench 2 channel #10					white q m stringers, minor pirite	31234			0.002	<0.2	<2	<2	4	<2	2		
31235	667968	5558361	trench 2 channel #10					white q m stringers, minor pirite	31235			0.005	<0.2	<2	<2	8	<2	15		
31236	667986	5558475		chuck or john	11/2/2011			altered qtz w schist py	31236			0.044	1.8	2	<2	318	12	25		
31237	667976	5558512		chuck or john	11/2/2011			rusty mafic/py	31237			0.067	<0.2	<2	<2	118	<2	54		
31238	667981	5558535		chuck or john	11/2/2011			altered schist w py	31238			0.457	1	3	7	42	4	135		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
31239	667981	5558518			11/2/2011			qtz w shist py	31239			0.046	0.2	<2	<2	92	<2	75		
31240	667944	5560637	pit	chuck or John	11/4/2011			contact rusty mafic w/py	31240			0.01	0.5	<2	<2	314	<2	52		
31241	667944	5560637	pit	chuck or John	11/4/2011			contact rusty mafic w/ qv py	31241			0.064	0.2	<2	<2	370	2	52		
31242	667944	5560637	pit	chuck or John	11/4/2011			rusty mafic 20%py	31242			0.004	0.3	<2	<2	181	2	58		
31243	667944	5560637	pit	chuck or John	11/4/2011			rusty qv no vis mineralization	31243			0.015	<0.2	<2	23	12	<2	4		
31244	667944	5560637	pit	chuck or John	11/4/2011			rusty mafic contact w rqv 25% py	31244			0.015	0.4	<2	<2	545	<2	11		
31245	667944	5560637	pit	chuck or John	11/4/2011			rusty qv/w py southend at pit	31245			0.006	0.5	<2	<2	544	<2	72		
31251	667923	5560876		James		grab		o/c, 3ft wide c/g qtz vein striking 30deg, trace calcopyrite, oxidization	31251			0.003	<0.2	<2	<2	61	<2	2		
31252	667954	5560673		James		grab		qtz bolder, not rounded,altered, silicified f-m/g, small trace of calcopyrite, 20% oxidization, very cloritic	31252			0.008	0.2	11	<2	234	<2	23		
31253	667959	5560601		James		grab		bolder, not rounded, f-m/g silicified, altered q/f/p, rusty areas, 5% calcopyrite, cubed pyrite, cloritic	31253			0.004	<0.2	3	<2	88	<2	54		
31254	668011	5560549		James		grab		o/c, silicified mafic with qtz alteration, 3% calcopyrite, oxidization	31254			0.006	0.2	2	<2	113	<2	64		
31255	668033	5560503		James		grab		o/c, 1ft wide qtz vein striking at 20 deg, silicified, altered q/f/p throughout vein, oxidized areas	31255			0.002	<0.2	3	<2	4	<2	14		
31256	668070	5560338		James		grab		o/c, sheared silicified q/f/p, 2% puritite, 4% oxidization	31256			0.052	<0.2	2	<2	77	2	45		
31257	668176	5560100		James		grab		o/c, f/g silicified mafic volcanics altered with qtz, 2% mineralization, shear zone, rusty areas	31257			0.006	<0.2	<2	<2	74	2	79		
31258	668125	5559655		James		grab		old blast trench, f/g silicified mafic volcanics altered with qtz throughout, cloritic, 15-20% cubed & calcopyrite, trench runs e/w 20ft	31258			0.6	0.3	31	<2	118	2	70		
31259	669649	5557183		James		grab		blast pit, silicified sheared mafic volcanic altered with qtz throughout, 15% calcopyrite, very oxidized	31259			0.984	0.6	43	<2	98	<2	43		
31260	668654	5556118		James		grab		same as previous samp, but has q/f/p in it, also has 25% sulfied & 25% oxidization	31260			0.66	<0.2	26	<2	80	2	64		
31261	668618	5556187		James		grab		o/c, blasted trench, c/g qtz vein altered with q/f/p, silicified, 5% puritite, calcopyrite, mika, striking at 330 deg, rusty	31261											
31262	668607	5556096		James		grab		same as previous description but only had a trace of mineralization & trace of malikite	31262											
31263	668807	5556357		James		grab		blast pit, qtz vein striking at 30 deg, hosted bymafic volcanic shear, 7% f/g puritite, very rusty	31263											
31264	668787	5556322		James		grab		same as previous description, trace of borinite, 35% calcopyrite, puritite, magnetite	31264											
31265	668782	5556297		James		grab		shaft with qtz vein, striking n/s, c/g & very rusty, f/g puritite, calcopyrite, 7% mineralization, traces of magnetite, mika, clorite	31265											
31266	667870	5553123							31266			0.013	<0.2	3	<2	287	<2	104		
31267	667849	5553062							31267			0.006	<0.2	4	<2	87	2	77		
31268	667841	5553100							31268			0.017	0.6	13	<2	121	31	214		
31269	667877	5553096							31269			0.008	<0.2	3	<2	127	2	68		
31270	667980	5553093							31270			0.003	<0.2	4	<2	127	2	74		
31271	668043	5553095							31271			0.005	<0.2	17	2	141	3	69		
31272	667980	5553195							31272	1.42		2.08	22.5	10	102	4000	<2	6		
31273	667980	5553195							31273	3.95		4.61	52.1	11	186	1875	3	2		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
31274	667971	5553375							31274			0.005	0.2	3	<2	114	2	55		
31275	668264	5554029							31275			0.005	0.2	3	<2	79	2	98		
31276	667968	5558411	trench 2 channel #5	eric	10/29/2011		0.5 m	line #5 0 -0.5m w qtz minor py	31276			0.013	0.2	<2	<2	73	<2	<2		
31277	667968	5558411	trench 2 channel #5	eric	10/29/2011		0.5 m	line #5 0.5 1.0 m w qtz	31277			0.004	<0.2	<2	<2	16	<2	10		
31278	667968	5558411	trench 2 channel #5	eric	10/29/2011		0.5 m	line #5 1 - 1.5m w tqz	31278			0.012	0.2	<2	<2	210	2	8		
31279	667968	5558411	trench 2 channel #5	eric	10/29/2011		0.5 m	line #5 1.5 - 2m schist green	31279			0.023	0.3	4	<2	145	2	132		
31280	667968	5558411	trench 2 channel #5	eric	10/29/2011		0.5 m	line #5 2-2.5m end of channel 2.5m green schist	31280			0.016	<0.2	4	<2	118	<2	117		
31281	667968	5558401	trench 2 channel #6	eric	10/29/2011		0.5 m	line #6 0 - 0.5m .25 green schist .25 w qtz	31281			0.25	0.3	<2	<2	35	<2	125		
31282	667968	5558401	trench 2 channel #6	eric	10/29/2011		0.5 m	line #6 .5 - 1m w qtz	31282			0.004	<0.2	<2	<2	10	<2	5		
31283	667968	5558401	trench 2 channel #6	eric	10/29/2011		0.5 m	Line #6 1 - 1.5m w qtz end of channel 1.5m	31283			0.004	<0.2	<2	<2	19	2	14		
31284	667968	5558391	trench 2 channel #7	eric	10/29/2011		0.5 m	line #7 0 - 0.5m w qtz	31284			0.003	<0.2	<2	<2	2	<2	<2		
31285	667968	5558391	trench 2 channel #7	eric	10/29/2011		0.5 m	line #7 .5-1.0m w qtz	31285			0.003	<0.2	<2	<2	11	<2	<2		
31286	667968	5558391	trench 2 channel #7	eric	10/29/2011		0.5 m	line #7 1.0 - 1.5m w qtz	31286			0.002	<0.2	<2	<2	3	<2	<2		
31287	667968	5558391	trench 2 channel #7	eric	10/29/2011		0.5 m	line #7 1.5 - 2.m w qtz	31287			0.003	<0.2	<2	<2	6	<2	5		
31288	667968	5558391	trench 2 channel #7	eric	10/29/2011		0.5 m	line #7 2 - 2.5m green schist	31288			0.05	<0.2	<2	<2	8	<2	21		
31289	667968	5558391	trench 2 channel #7	eric	10/29/2011		0.5 m	line #7 2.5 - 3m green schist	31289			0.057	0.6	<2	2	196	<2	94		
31290	667968	5558391	trench 2 channel #7	eric	10/29/2011		0.5 m	line #7 3 - 3.5m end of channel w qtz	31290			0.871	0.9	<2	<2	69	3	108		
31291	667968	5558381	trench 2 channel #8	eric	10/29/2011		0.5 m	line #8 0 - .5m w qtz	31291			0.006	<0.2	<2	<2	7	<2	25		
31292	667968	5558381	trench 2 channel #8	eric	10/29/2011		0.5 m	line #8 .5 - 1.0m w qtz	31292			0.008	<0.2	<2	<2	1	<2	<2		
31293	667968	5558381	trench 2 channel #8	eric	10/29/2011		0.5 m	line #8 1.0 - 1.5m w qtz	31293			0.002	<0.2	<2	2	2	<2	8		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
31294	667968	5558381	trench 2 channel #8	eric	10/29/2011		0.5 m	line #8 1.5 - 2m w qtz	31294			0.014	<0.2	<2	2	13	5	60		
31295	667968	5558381	trench 2 channel #8	eric	10/29/2011		0.5 m	line #8 2.0 - 2.5m w qtz green schist stringers	31295			0.01	<0.2	<2	2	31	5	47		
31296	667968	5558381	trench 2 channel #8	eric	10/29/2011		0.5 m	line #8 2.5 - 3m w qtz schist stringers	31296			0.193	0.6	<2	<2	91	4	117		
31297	667968	5558381	trench 2 channel #8	eric	10/29/2011		0.5 m	line #8 3 - 3.5m green schist qtz stringers. End of channel	31297			0.012	0.2	<2	<2	8	3	46		
31298	667968	5558371	trench 2 channel #9	eric	10/30/2011		0.5 m	line #9 .5 w qtz	31298			0.005	<0.2	<2	<2	2	<2	8		
31299	667968	5558371	trench 2 channel #9	eric	10/30/2011		0.5 m	line#9 1.0m w qtz	31299			0.012	<0.2	<2	2	35	<2	77		
31300	667968	5558371	trench 2 channel #9	eric	10/30/2011		0.5 m	line #9 1.5m green schist w qtz stringers	31300			0.003	<0.2	<2	<2	2	<2	<2		
31301	667817	5553805	island					sm vein	31301	2.09		2.3	74.7	22	223	>10000	14	80		
31302	667817	5553805	island						31302			0.466	7.1	4	24	1875	2	33		
31303	667817	5553805	island						31303	2.44		5.93	13.2	17	42	5480	4	74		
31304	667817	5553804	island						31304			0.539	14	29	11	4360	<2	67		
31305	667597	5553517	sm island						31305			0.03	<0.2	2	<2	57	<2	34		
31306	667793	5553765	sm island						31306			0.009	0.2	7	<2	206	2	75		
31307	667607	5553533							31307			0.008	<0.2	4	<2	95	2	24		
31308	667689	5553476						schisty mafic purple sulfide	31308			0.01	<0.2	3	<2	174	<2	119		
31309	667587	5553386	chasin vein from sm island					quartzite	31309			0.02	<0.2	4	<2	153	2	84		
31310	667371	5553561							31310			0.003	0.2	3	<2	51	2	45		
31311	667378	5553567							31311			0.003	0.3	12	<2	66	3	112		
31312	667385	5553577							31312			0.007	0.3	14	<2	45	2	62		
31313	667402	5553577							31313			0.003	0.2	3	<2	29	2	54		
31314	667464	5553531							31314			0.107	5.1	18	<2	298	21	80		
31315	667464	5553531							31315	2.52		2.28	59.5	12	11	158	1700	134		
31316	667464	5553531						quartsite	31316			0.056	3.4	8	2	327	15	91		
31317	667448	5553592							31317			0.015	0.5	3	<2	73	7	155		
31318	667738	5553116							31318			0.021	0.5	9	<2	786	<2	197		
31319	667721	5553115							31319			0.025	0.7	69	<2	120	<2	106		
31320	667690	5553105							31320			0.388	16.4	30	28	158	5	66		
31321	667690	5553105							31321			0.632	31.5	75	41	271	9	164		
31322	667631	5553131							31322			0.677	14.6	18	7	271	16	35		
31323	667394	5553230							31323			0.01	0.5	2	<2	60	<2	113		
31324	667580	5553155						g.s.	31324			0.021	0.3	17	<2	51	<2	187		
31325	667387	5553196							31325			0.003	0.2	7	<2	141	<2	120		
31326	667862	5553891		james		grab		o/c, mafic volcanic altered with qtz, qtz vein running n/s, rusty, trace pyrite & borinite.	31326			0.025	0.8	4	<2	649	<2	38		
31327	667858	5553883		james		grab		o/c, qtz vein striking n/s, 10% calcopyrite, trace malikite.	31327			0.303	5.2	3	<2	3150	<2	31		
31328	667868	5553815		james		grab		o/c, mafic volcanic shear zone altered with qtz throughout, very rusty, 7% calcopyrite, 20% oxidized, striking n/s	31328			0.081	0.3	12	<2	86	2	38		
31329	667856	5553788		james		grab		same as previous description but trace of puritite aswell	31329			0.004	0.2	5	<2	30	<2	98		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
31330	667801	5553721		James		grab		same as previous description, but only 3% sulfied	31330			0.009	0.3	28	<2	53	2	38		
31331	667615	5553561		James		grab		same as previous description	31331			0.017	0.4	4	<2	221	<2	29		
31332	667721	5553513		James		grab		same as previous description	31332			0.004	0.2	8	<2	122	<2	43		
31333	667617	5553411		James		grab		o/c, qtz vein, hosted by altered mafic volcanic, silicified with qtz throughout, oxidized, cloritic, trace malikite	31333			0.014	0.4	2	<2	407	<2	73		
31334	667685	5552772		James		grab		o/c, qtz vein, hosted by altered mafic volcanic shear, stiking 330 deg	31334			0.052	<0.2	<2	12	29	<2	3		
31335	667698	5552843		James		grab		o/c, qtz vein 1.5ft wide, traces of pyrite, very rusty, 330 deg strike	31335	3.04		2.13	2.8	3	52	42	<2	2		
31336	667723	5552889		James		grab		qtz vein hosted by mafic volcanics, 10% calcopyrite, trace borinite.	31336			0.015	0.4	9	<2	121	<2	68		
31337	667722	5552969		James		grab		o/c, qtz vein striking 330 deg, host rock is altered silicified mafic shear, 10% calcopyrite, oxidization	31337			0.02	0.3	6	<2	342	<2	96		
31338	667764	5553031		James		grab		o/c, old blast pit, qtz with pyrite, puritite, borinite, clorite, rusty, 4% mineralized	31338			0.841	2.5	37	13	1470	<2	66		
31339	667756	5553061		James		grab		o/c, altered, silicified mafic volcanic, cloritic, 2% f/g calcopyrite, puritite.	31339			0.005	0.3	3	<2	141	<2	78		
31340	667808	5553185		James		grab		o/c, blast pit, qtz vein 3ft wide, 330 deg strike, heavily oxidized, 2% calcopyrite, mika	31340	73.7		>10.0	2.5	<2	2	51	<2	8		
31341	667824	5553177		James		grab		o/c, blast pit, q/f/p, oxidized, trace borinite, 8% puritite, calcopyrite, mika	31341	3.12		2.6	0.4	15	<2	10	<2	8		
31342	668346	5557918		James		grab		blast pit, altered mafic volcanic, silicified with qtz thrroughout, trace biotite, 2% calcopyrite, oxidized areas	31342			0.086	0.2	<2	<2	233	<2	177		
31343	668318	5558071		James		grab		o/c, qtz vein 1ft wide, traces of pyrite, very rusty, 30 deg strike	31343			0.006	<0.2	<2	<2	121	<2	6		
31344	668371	5558065		James		grab		o/c, m-c/g qtz vein in altered sheared mafic volcanics, 1ft wide, 30 deg strike, 3% calcopyrite, puritite, trace borinite, mika, rusty	31344			0.021	0.3	<2	<2	167	<2	36		
31345	668298	5558002		James		grab		o/c, c/g qtz vein 1ft wide hosted by f/g q/f/p, 30 deg strike, 1% puritite, trace malikite, oxidized areas	31345			0.003	<0.2	<2	<2	48	<2	10		
31346	668324	5557977		James		grab		o/c, qtz vein 2ft wide with mafic stringers, 2% malikite, trace of sulfied, small area with iron staining, 30 deg strike, oxidization	31346			0.012	0.2	<2	<2	377	<2	31		
31347	668223	5558267		James		grab		o/c, 3ft wide c/g qtz vein, 10ft revelled, f/g mafic shear zone hosting qtz, trace pyrite, larger trace malikite, cloritic, rusty	31347			0.027	0.5	<2	<2	391	<2	9		
31348	667981	5553479		James		grab		bolder, not rounded, f/g mafic shear zone with qtz throughout, 30% oxidization	31348			0.004	0.4	<2	<2	125	<2	66		
31349	668022	5553566		James		grab		o/c, qtz vein with oxidized sulfied in some areas, hosted by f/g sheared mafic volcanic, trace pyrite, mika	31349			0.009	0.2	2	<2	93	<2	11		
31350	668110	5553720		James		grab		o/c, sheared qtz vein in q/f/p, very rusty, 20 deg strike.	31350			0.006	0.3	5	<2	82	<2	28		
31351	667023	5560876		James		grab		o/c, 2ft wide c/g qtz vein,strike 345 deg, 2% f/g calco pyrite, puritite, magnetite, some qtz altered with q/f/p, oxidized.	31351			0.015	<0.2	2	<2	59	<2	11		
31352	667954	5560673		James		grab		o/c, f/g silicified mafic volcanics, 8% calco pyrite, rusty areas.	31352			0.003	<0.2	<2	<2	51	<2	24		
31353	667959	5560601		James		grab		o/c, qtz vein altered with q/f/p, oxidized, mika, trace sulfieds	31353			0.005	<0.2	<2	<2	8	<2	4		
31354	668011	5560549		James		grab		o/c, c/g rusty qtz vein, 1ft wide, strike 345 deg, oxidization, mika, cloritic.	31354			0.001	0.2	<2	<2	14	<2	<2		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
31355	668033	5560503		James		grab		same as previous description but 8 inch wide vein, not 1ft	31355			0.767	1	<2	40	32	2	88		
31356	668070	5560338		James		grab		blast pit in qtz vein, 350 deg strike, q/f/p altered into contact in qtz, 10% puritite, trace calcopyrite, borinite, mica, c/g & rusty	31356			0.311	0.3	<2	34	233	<2	4		
31357	668176	5560100		James		grab		qtz vein hosted by mafic volcanics, vein pinches off, mafic shear zone, trace pyrite, very oxidized.	31357			0.008	<0.2	<2	<2	128	<2	28		
31358	668125	5559655		James		grab		o/c, small c/g qtz vein, altered f/g mafic shear zone in contact, 15 deg strike, trace of calcopyrite, cloritic, rusty	31358			0.008	<0.2	<2	<2	68	<2	44		
31359	669649	5557183		James		grab		blast pit, silicified sheared mafic volcanic altered with qtz throughout, 15% calcopyrite, very oxidized	31359			0.109	2.3	6	3	198	6	18		
31360	668654	5556118		James		grab		o/c, mafic gabbro, f-m/g silicified & altered with qtz throughout, oxidized, cloritic.	31360			0.004	<0.2	<2	<2	96	3	32		
31361	668618	5556187		James		grab		o/c, old blast pit, 4.5ft wide c/g qtz vein, oxidized, mika, trace calcopyrite, cloritic, 30 deg strike	31361			0.26	<0.2	2	<2	19	<2	3		
31362	668607	5556096		James		grab		o/c, rusty, silicified mafic volcanic altered shear zone with qtz throughout, 8% calcopyrite, trace flurite	31362			0.002	<0.2	7	<2	10	2	23		
31363	668807	5556357		James		grab		o/c, m/g q/f/p, 12%f/g calcopyrite, shear zone.	31363			0.002	<0.2	11	<2	21	2	64		
31364	668787	5556322		James		grab		o/c, shear zone, f/g mafic volcanics altered with qtz throughout, 8% f/g calcopyrite, very rusty.	31364			0.002	<0.2	10	<2	9	2	54		
31365	668782	5556297		James		grab		o/c, 360 deg strike, contact of rusty qtz vein & f/g mafic gabbro, 6% f/g calcopyrite, qtz eyes	31365			0.001	<0.2	2	<2	22	2	61		
31366	669335	5556961		James		grab		o/c, c/g rusty qtz vein, 1ft wide, strike 360 deg, oxidization, mika, trace pyrite.	31366			0.001	0.2	2	<2	11	<2	39		
31367	669385	5557036		James		grab		o/c, m/g dyrite turns into q/f/p, trace sulfied, cloritic, silicified.	31367			0.003	<0.2	<2	<2	172	<2	50		
31368	669297	5557068		James		grab		o/c, m/g dyrite turns into q/f/p, trace sulfied, cloritic, silicified.	31368			0.003	<0.2	<2	<2	133	<2	48		
31369	669288	5557025		James		grab		o/c, m/g dyrite turns into q/f/p, trace sulfied, cloritic, silicified, iron staining.	31369			0.005	<0.2	<2	<2	106	<2	40		
31370	669230	5557034		James		grab		o/c, c/g qtz vein 2ft wide, 12ft revealed, 360 deg strike, 5%calcopyrite, very rusty, mika, vein in mafic shear.	31370			0.001	<0.2	<2	<2	34	<2	9		
31371	667384	5552310		James		grab		o/c, rusty qtz vein, 40 deg strike, 15ft revealed in mafic shear, 15% calcopyrite, traces borinite, m-c/g qtz, trace malikite	31371			0.896	13.1	8	<2	6040	<2	62		
31372	666553	5551231		James		grab		o/c, rusty qtz vein, 360 deg strike, 2ft wide, 10% calcopyrite, traces borinite, trace malikite, m/g qtz hosted by mafic volcanics	31372			0.261	4.4	10	<2	4610	<2	32		
31373	666442	5550926		James		grab		o/c, sheared rusty altered q/f/p, 60% calcopyrite, oxidization & large quantity of puritite.	31373			0.295	3.8	149	<2	228	90	15		
31374	666024	5550409		James		grab		o/c, f/g silicified mafic volcanics, qtz throughout, cloritic, 4% calcopyrite, trace mika.	31374			0.002	<0.2	<2	<2	174	<2	51		
31375	665556	5550094		James		grab		bolders from sheared o/c in area, not rounded, rusty, f/g silicified altered mafic with qtz throughout, mica, 10% calcopyrite & puritite.	31375			0.025	0.4	<2	<2	792	5	58		
31376	668323	5553909							31376			0.005	0.2	<2	<2	103	<2	72		
31377	668349	5553906							31377			0.005	0.3	2	<2	241	<2	60		
31378	668305	5553946							31378			0.002	<0.2	<2	<2	34	<2	17		
31379	668336	5553909							31379			0.003	<0.2	<2	<2	44	3	78		
31380	668783	5554346							31380	1.07		1.105	0.4	2	<2	103	2	151		
31381	668897	5554345	location #5						31381			0.496	0.3	43	<2	153	3	59		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
31382	668897	5554345	location #5						31382	33		>10.0	5.7	70	13	40	2	23		
31383	668897	5554345	location #5						31383	21.2		>10.0	2.2	95	6	588	3	123		
31384	668897	5554345	location #5						31384	1.69		1.51	1.3	115	4	176	4	65		
31385	668897	5554345	location #5						31385			0.28	0.2	46	<2	147	4	90		
31386	668897	5554345	location #5						31386	3.56		3.17	5.6	77	6	849	4	73		
31387	668897	5554345	location #5						31387			0.97	0.6	76	5	291	3	69		
31388	669671	5557274	blast pit					mafic	31388			0.003	<0.2	16	<2	132	<2	81		
31389	669677	5557340						mafic	31389			0.002	<0.2	9	<2	99	<2	35		
31390	669505	5557580						mafic	31390			0.003	<0.2	<2	<2	123	<2	54		
31391	669507	5557559						quartzite blk	31391			0.002	<0.2	2	<2	240	<2	46		
31392	669504	5557369							31392			0.005	<0.2	<2	<2	123	<2	64		
31393	669448	5557506						mafic	31393			0.003	0.3	<2	<2	145	<2	67		
31394	669693	5557581	pit						31394			0.006	0.3	<2	<2	88	5	144		
31395	669693	5557581						Q - mafic qzite. Lots goind on B. pit	31395			0.002	0.5	<2	<2	204	6	54		
31396	669776	5557626						mafic	31396			0.006	<0.2	<2	<2	114	2	83		
31397	669650	5557511						qv - mafic	31397			0.001	<0.2	2	<2	38	<2	41		
31398	669582	5557392							31398			0.002	0.2	<2	<2	29	2	48		
31399	669471	5557206						mafic	31399			0.004	<0.2	<2	<2	118	<2	108		
31400	669534	5557129						quartzite	31400			0.002	<0.2	<2	<2	130	2	57		
180301	667864	5561169		chuck or john	10/17/2011	grab		shaft- pyritic MV	180301			0.893	0.5	<2	12	1505	<2	12		
180302	667864	5561169		chuck or john	10/17/2011	grab		shaft-pyritic MV	180302			0.013	0.6	<2	<2	1065	<2	52		
180303	667822	5561248		chuck or john	10/17/2011			site 077-Qtz vein in carb altd MV	180303			0.005	<0.2	<2	<2	80	<2	17		
180304	668653	5556627		chuck or john	10/17/2011			quartz vein	180304			0.009	<0.2	10	<2	190	<2	42		
180305	668521	5556443		chuck or john	10/17/2011			Grey QV w/ 5% py	180305			0.032	0.4	<2	<2	835	<2	16		
180306	668640	5556739		chuck or john	10/17/2011			Milky QV w/ 2% py	180306			0.103	1	4	<2	1985	<2	21		
180307	670622	5561934		chuck or john	10/20/2011			pyritic chloritic MV	180307			0.016	0.2	7	<2	33	6	51		
180308	670452	5560890		chuck or john	10/20/2011			Grey QV w/ 5% py	180308			0.095	<0.2	40	<2	49	5	112		
180309	670452	5560895		chuck or john	10/20/2011			Grey QV w/ 5% py	180309			0.02	1.2	4	<2	393	2	45		
180310	668094	5558943		chuck or john	10/21/2011			Grey QV w/ 5% py	180310			0.002	<0.2	<2	<2	37	<2	61		
180311	668272	5559047		chuck or john	10/21/2011			Milky QV w/ 2% py	180311			0.004	<0.2	2	<2	9	<2	<2		
180312	668317	5559068		chuck or john	10/21/2011			Grey QV w/ 5% py	180312			0.005	<0.2	3	<2	344	<2	17		
180313	668317	5559068		chuck or john	10/21/2011			pyritic and chlorite altd MV	180313			0.003	<0.2	<2	<2	82	<2	60		
180314	667978	5559195		chuck or john	10/21/2011			qtz vein	180314	1.62		1.315	4	<2	3	116	12	66		
180315	667978	5559195		chuck or john	10/21/2011			pyritic and chlorite altd MV	180315			0.809	1.1	2	<2	91	5	107		
180316	667981	5559214		chuck or john	10/21/2011			qtz vein	180316			0.043	1.5	2	2	21	18	48		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z1SN83	utmN_Z1SN83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
180317	667981	5558639		chuck or john	10/21/2011			tailings	180317	30.1		>10.0	67.8	<2	121	6	13	17		
180318	667794	5560821		chuck or john	10/21/2011			qtz vein	180318			0.052	0.3	<2	5	188	<2	15		
180319	667805	5560660		chuck or john	10/22/2011			mafic host next to Qv	180319			0.032	0.2	<2	<2	206	7	86		
180320	667807	5560657		chuck or john	10/22/2011			QV possible VG	180320			0.006	<0.2	<2	<2	74	<2	17		
180321	667807	5560655		chuck or john	10/22/2011			mafic	180321			0.008	0.2	<2	<2	281	11	136		
180322	667806	5560660		chuck or john	10/22/2011			qtz vn	180322			0.004	<0.2	<2	<2	78	<2	13		
180323	667976	5559403		chuck or john	10/22/2011			mafic	180323			0.007	<0.2	<2	<2	22	5	55		
180324	668014	5559457		chuck or john	10/22/2011			no description	180324			0.013	<0.2	<2	<2	6	2	2		
180325	667984	5558605		chuck or john	10/22/2011			granite QV mix old pit	180325			0.055	0.2	<2	<2	61	6	17		
180326	667983	5558605		chuck or john	10/22/2011			qtz vn	180326	58.1		>10.0	>100	<2	97	3	27	10	117	
180327	667990	5558620		chuck or john	10/23/2011			qtz vein	180327	9.63		9.26	16.2	2	12	3	3	27		
180328	667625	5560966		chuck or john	11/1/2011			qtz vein - red color	180328			0.016	<0.2	<2	38	44	<2	3		
180329	667599	5561014		chuck or john	11/1/2011			qtz vein - 24"wide red color	180329			0.084	<0.2	<2	44	51	<2	6		
180330	667808	5560656		chuck or john	11/3/2011			mafic host next to qv	180330			0.013	<0.2	<2	9	275	2	15		
180331	667808	5560659		chuck or john	11/3/2011			mafic host next to Qv	180331			0.005	<0.2	<2	<2	319	<2	28		
180332	667803	5560660		chuck or john	11/3/2011			qfp min py	180332			0.002	<0.2	<2	<2	8	20	19		
180333	667811	5580644		chuck or john	11/3/2011			qv next to sheared mafic host	180333			<0.001	<0.2	2	3	33	<2	11		
180334	667812	5560640		chuck or john	11/3/2011			py, mafic host	180334			0.004	<0.2	2	<2	69	<2	21		
180335	667814	5560638		chuck or john	11/3/2011			py cpy smokey blue qv	180335			0.007	<0.2	<2	3	204	<2	35		
180336	667802	5560671		chuck or john	11/3/2011			qv blue smokey min py	180336			0.232	<0.2	<2	19	25	2	3		
180337	667799	5560675		chuck or john	11/3/2011			qv blue smokey min py cpy	180337			0.024	<0.2	2	4	114	<2	8		
180338	667799	5560678		chuck or john	11/3/2011			mafic	180338			0.003	<0.2	<2	<2	105	50	46		
180339	667799	5560670		chuck or john	11/3/2011			sheared mafic with quartz	180339			0.001	<0.2	<2	<2	41	<2	39		
180401	669721	5557268		jay				quartz mafic shisty mafic rusty everything. VG	180401			0.221	0.4	28	4	94	10	413		
180402	669721	5557268		jay				blast pit	180402			0.058	0.5	5	6	74	12	88		
180403	669721	5557268		jay				blast pit	180403			0.039	<0.2	7	<2	27	2	403		
180404	669721	5557268		jay				blast pit	180404			0.002	<0.2	<2	2	3	4	209		
180405	669721	5557268		jay				blast pit	180405			0.21	0.6	12	5	336	12	102		
180406	669721	5557268		jay				blast pit	180406			0.13	0.3	10	2	46	7	885		
180407	669803	5557297		jay				shaft	180407	3.43		3.31	3.3	232	9	449	8	50		
180408	669758	5557229		jay				quartz vein in mafic. Trench	180408	6.62		7.97	0.5	4	<2	153	<2	11		
180409	669758	5557229		jay				trench	180409	1.03		1.015	<0.2	2	<2	99	<2	13		
180410	669758	5557229		jay				trench	180410			0.025	<0.2	44	<2	95	2	54		
180411	669750	5557229		jay				qtz vn in trench	180411			0.171	1.2	<2	<2	53	<2	3		

2011 Prospecting Sample Descriptions
Appendix 1

Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
180412	669750	5557229		jay				qtz vn in trench	180412			0.103	0.9	<2	3	186	2	14		
180413	669750	5557229		jay				tailings	180413											
180414	669675	5557201		jay				blast pit	180414			0.19	7.9	45	4	436	11	149		
180415	669675	5557201		jay				qtz, mafic	180415			0.189	0.6	7	3	72	3	24		
180416	669740	5557223		jay				schist	180416			0.649	3.4	176	12	370	15	36		
180417	669672	5557210		jay				blast pit	180417			0.006	0.3	3	<2	54	<2	126		
180418	669672	5557210		jay				blast pit	180418			0.036	1.1	14	5	185	6	104		
180419	669672	5557210		jay				blast pit	180419			0.178	5.6	161	3	286	5	125		
180420	669672	5557210		jay				blast pit	180420			0.001	<0.2	7	<2	9	2	12		
180421	668578	5555978		jay				q/f/p	180421			0.002	<0.2	<2	2	98	2	39		
180422	668578	5555970		jay				mafic	180422			0.004	<0.2	3	<2	178	<2	48		
180423	668622	5555970		jay				mafic	180423			0.003	<0.2	2	<2	25	2	54		
180424	668635	5556029		jay				q/f/p	180424			0.006	<0.2	<2	<2	105	<2	45		
180425	668656	5556045		jay				mafic	180425			0.004	<0.2	2	<2	72	2	31		
180426	668662	5556045		jay				q/f/p	180426			0.001	<0.2	9	2	5	2	19		
180427	668597	5556113		jay				altered mafic	180427			<0.001	<0.2	<2	<2	3	<2	19		
180428	668608	5556196		jay				qtz vein 4ft across	180428			<0.001	<0.2	2	<2	3	<2	3		
180429	668797	5556044		jay				no description	180429			<0.001	<0.2	<2	<2	71	3	113		
180430	668815	5556355		jay				mafic with qtz vn	180430			0.002	<0.2	<2	<2	25	2	55		
180431	668815	5556355		jay				q/f/p	180431			0.001	<0.2	8	<2	16	2	40		
180432	668800	5556337		jay				q/f/p	180432			0.001	<0.2	<2	<2	86	2	55		
180433	668788	5556335		jay				qtz vn	180433			<0.001	<0.2	<2	<2	14	2	69		
180434	669338	5556956		jay				q/f/p	180434			0.01	<0.2	5	<2	296	2	55		
180435	669343	5557071		jay				q/f/p	180435			0.002	<0.2	<2	<2	29	<2	30		
180436	669349	5557140		jay				q/f/p	180436			0.002	<0.2	<2	<2	20	<2	45		
180437	669351	5557198		jay				q/f/p	180437			<0.001	<0.2	<2	<2	17	<2	58		
180438	669328	5557285		jay				altered mafic	180438			0.001	0.2	<2	<2	80	<2	<2		
180439	669237	5557043		jay				q/f/p	180439			0.001	<0.2	<2	<2	22	<2	37		
180440	669237	5557043		jay				qtz	180440			<0.001	<0.2	<2	<2	28	<2	77		
180441	669237	5557043		jay				mafic	180441			0.034	<0.2	14	<2	47	<2	97		
180442	666748	5552453		jay				mafic	180442			0.008	<0.2	<2	<2	109	<2	74		
180443	667286	5551828		jay					180443			0.025	<0.2	<2	<2	202	2	80		
180444	667286	5551828		jay				qtz vn	180444			0.999	0.3	75	<2	61	<2	33		
180445	667286	5551835		jay				qtz, mafic	180445			0.069	0.9	31	<2	232	<2	26		
180446	667286	5551835		jay				qtz vn	180446											
180451	665808	5550374		James		grab		o/c, rusty q/f/p, 4% calcopyrite, puitite	180451			0.002	<0.2	2	<2	101	<2	14		
180452	666857	5551899		James		grab		qtz vein in q/f/p, 10% calcopyrite, puritite	180452			0.002	0.3	2	<2	434	<2	12		
180453	667808	5560652		jay				maf. Sm q string veing. Mafic, py cpy	180453			0.002	<0.2	2	<2	22	11	117		
180454	667808	5560652		jay				qfp. Qv cpy py	180454			0.001	<0.2	<2	<2	8	13	17		
180455	667808	5560652		jay				rusty qfp py	180455			0.005	3	3	11	46	151	254		
180456	667808	5560652		jay				mafic rusty deformed rotten heavily mineralized cpy py mal	180456			0.02	0.3	<2	<2	304	<2	72		
180457	667808	5560652		jay				mafic rusty mineralized veining througout and fine disemenated py	180457			0.004	0.4	<2	<2	374	2	33		
180458	667808	5560652		jay				mafic py veining and diseminated throughout	180458			0.001	<0.2	<2	<2	110	9	51		
180459	667808	5560652		jay				qfp very little mineralization py cpy, galena? Dark grey bloching	180459			0.001	<0.2	<2	<2	6	2	3		
180460	667808	5560652		jay				schisty looking. Black mafic rotten. No rust py diseminated throughout	180460			0.002	0.2	<2	<2	131	12	126		
180461	667808	5560652		jay				qzite masive solfide py, cpy	180461			0.001	<0.2	<2	<2	90	17	22		
180462	667808	5560652		jay				rusty q vein ball and black q heavily mineralized pockets and dissemination throughout py cpy some malicite	180462			0.001	<0.2	<2	4	82	9	5		
180463	667808	5560652		jay				qfp heavy quartz throughout py cpy diseminated throughout	180463			0.009	0.3	<2	2	34	9	24		
180464	667808	5560652		jay				q with mafic veining py cpy in the mafic q is empty	180464			0.043	<0.2	<2	16	22	6	16		

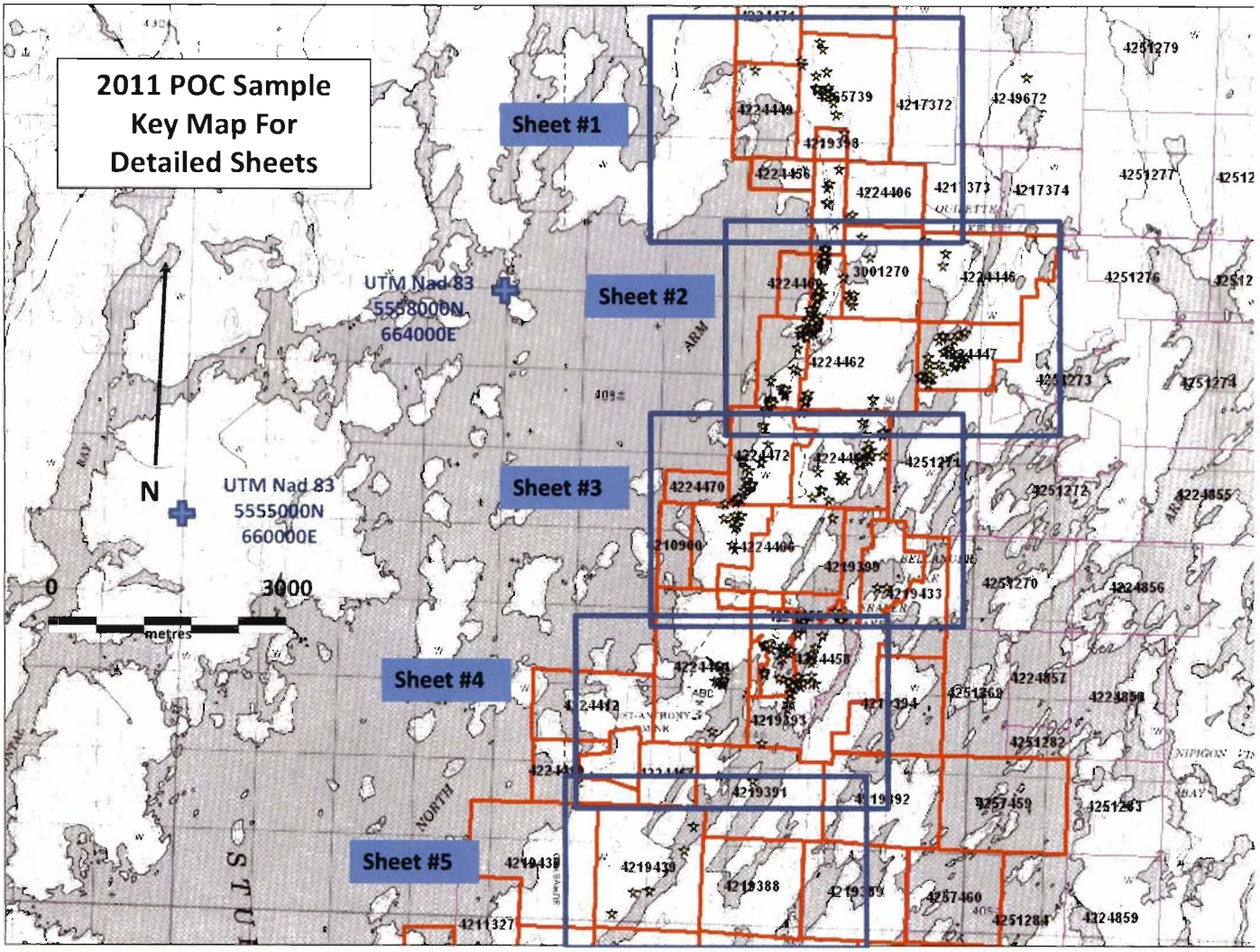
2011 Prospecting Sample Descriptions
Appendix 1

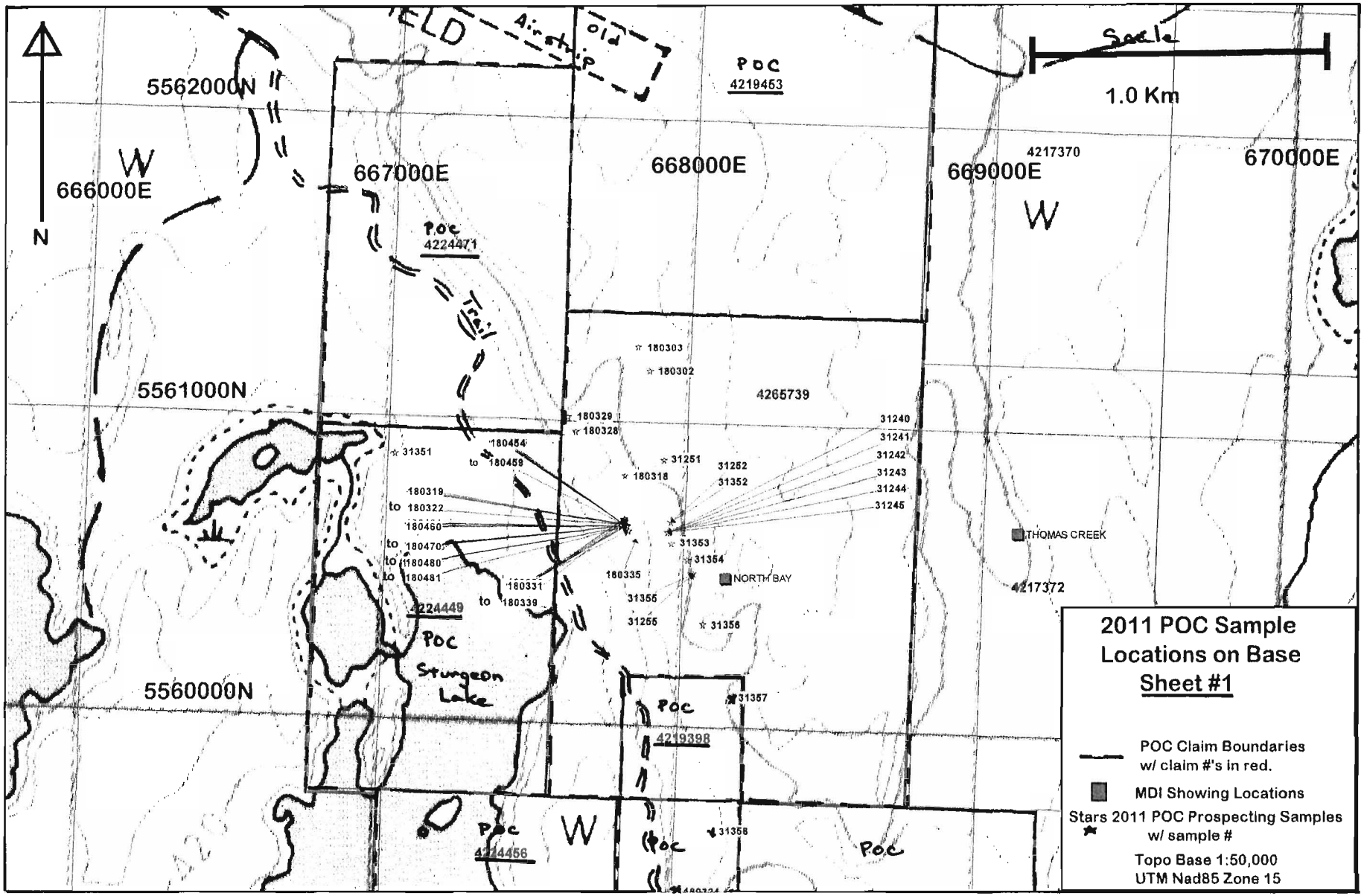
Sample No.	utmE_Z15N83	utmN_Z15N83	Area	Sampler	Date	Sample Type	Width (m)	Description	Sample No.	Au	Au Check	Au	Ag	As	Bi	Cu	Pb	Zn	Cu%	Ag ppm
180465	667808	5560652		Jay				rotten mafic basicaly a soil sample. Mineralized throughout py cpy	180465			0.021	0.3	<2	35	64	14	109		
180466	667808	5560652		Jay				mafic and quartz cpy in q - fairly massive in places	180466			0.01	0.2	2	10	222	<2	31		
180467	667808	5560652		Jay				rusty q veining in mafic sm py = cpy in the cracks	180467			0.002	<0.2	<2	<2	85	<2	33		
180468	667808	5560652		Jay				Q-QFP py disemlnated throughout. Very little. Rotten mafic shisty black no vis min.	180468			0.015	0.3	<2	6	65	7	22		
180469	667808	5560652		Jay				rusty QFP w mafic hematite iron staining red throughout	180469			0.001	0.6	2	<2	14	32	349		
180470	667808	5560652		Jay				rusty quartz and mafic. Very little py throughout	180470			0.001	0.3	<2	<2	9	26	56		
180471	667808	5560652		Jay				sm rusty Q veins. Some mafic little if any min visible.	180471			0.001	<0.2	<2	<2	19	19	30		
180472	667808	5560652		Jay				Alt. mafic W - Q fairly masive cpy py. Q is rusty and all is rotten. Possible VG	180472			0.005	0.9	2	<2	185	26	384		
180473	667808	5560652		Jay				some mafic py & cpy in cracks in Q	180473			0.003	<0.2	<2	2	98	3	44		
180474	667808	5560652		Jay				2" QFP vein running through mafic. Very little py cpy disemlnated throughout	180474			0.002	<0.2	<2	<2	44	13	25		
180475	667808	5560652		Jay				rusty. Mafic. Fairly heavy sulfide py cpy mafic	180475			0.001	<0.2	3	<2	176	10	77		
180476	667808	5560652		Jay				rotten q. Mafic py cpy hematite fairly greasy. Rusty som malicite	180476			0.005	3.1	2	<2	170	110	370		
180477	667808	5560652		Jay				rusty maf py	180477			0.002	0.2	3	<2	179	5	41		
180478	667808	5560652		Jay				rusty ball mafic sulfides throughout mafic	180478			0.342	0.2	<2	<2	219	9	40		
180479	667808	5560652		Jay				mafic & quartz sulfides in both. Py cpy malachite pockets of sulf. Rotted away.	180479			0.005	0.2	<2	10	167	2	10		
180480	667808	5560652		Jay				Dark Q. cp py, some looks of gold? Very nice	180480			0.15	0.7	<2	31	98	4	24		
180481	667808	5560652		Jay				Quartzite. QFP. Fine disem. W larger globs paritite py	180481			<0.001	<0.2	<2	<2	39	21	38		

APPENDIX III

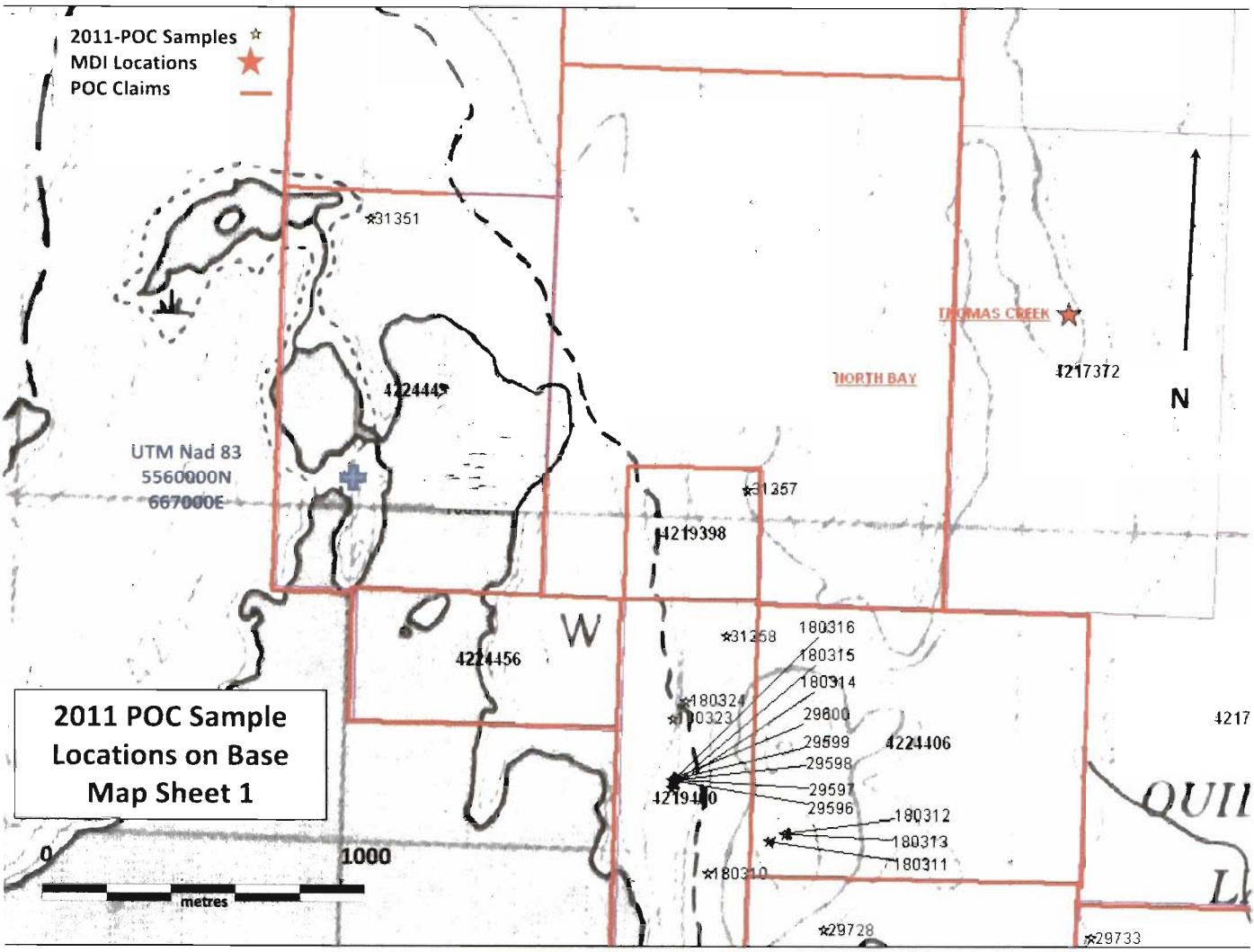
Detailed Maps

2011 POC (Pacific Iron Ore Corporation)
LOCATION ON BASE SHEETS #1, #2, #3, #4 AND #5
(5 pages)

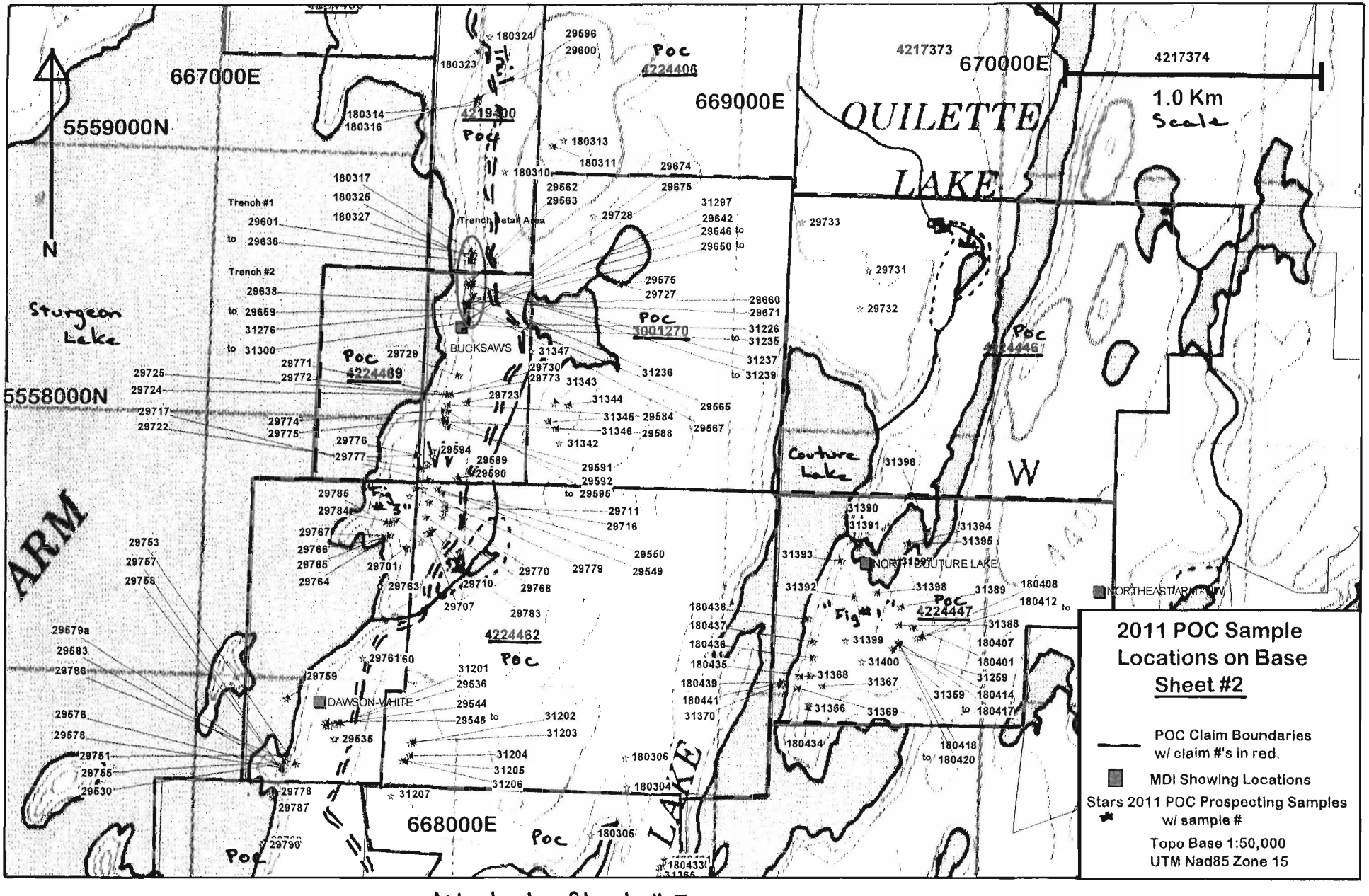

2011 POC Sample
Key Map For
Detailed Sheets
Sheet #1
Sheet #2
Sheet #3
Sheet #4
Sheet #5
UTM Nad 83
5558000N
664000E
UTM Nad 83
5555000N
660000E
N
0
3000
metres
4224449
4217372
4219398
4224456
4224406
4217374
4251279
4251277
4224462
4251273
4251274
4224470
4224472
4251271
4224855
4219399
4219433
4251270
4224856
4224458
4224857
4251269
4224858
4219393
4251282
4219391
4219392
4257459
4251283
4219439
4219388
4257460
4251284
4224859
4211327
NORTH
CHANNEL
ARM
BAY



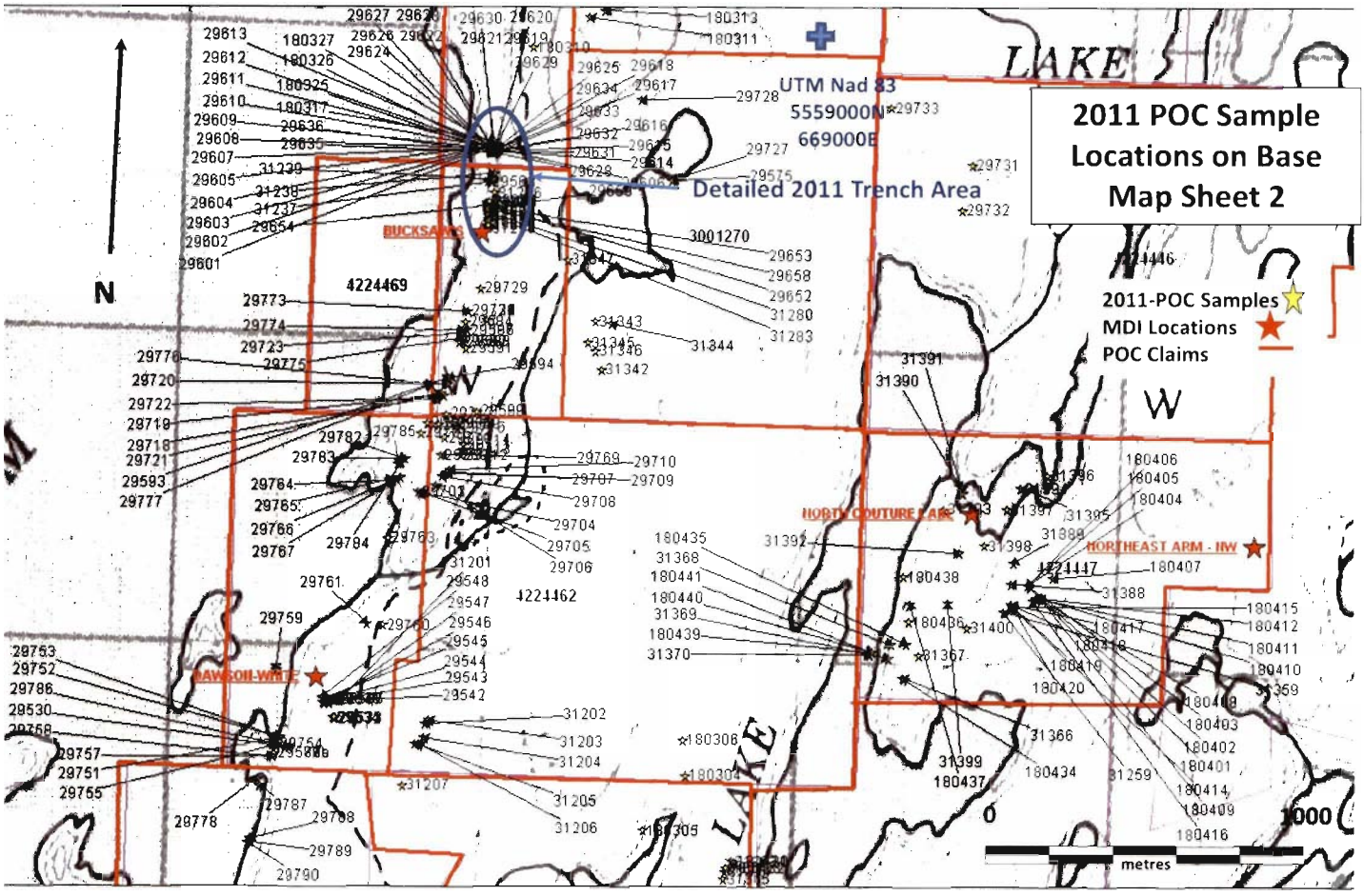
Attach to Sheet # 2


2011-POC Samples
MDI Locations
POC Claims
31351
4224449
UTM Nad 83
5560000N
667000E
THOMAS CREEK
NORTH BAY
4217372
N
31357
4219398
4224456
W
31358
180316
180315
180314
180324
180323
29600
29599
29598
29597
29596
4224406
4219440
180312
180313
180311
180310
29728
29733
4217
2011 POC Sample Locations on Base Map Sheet 1
0
1000
metres

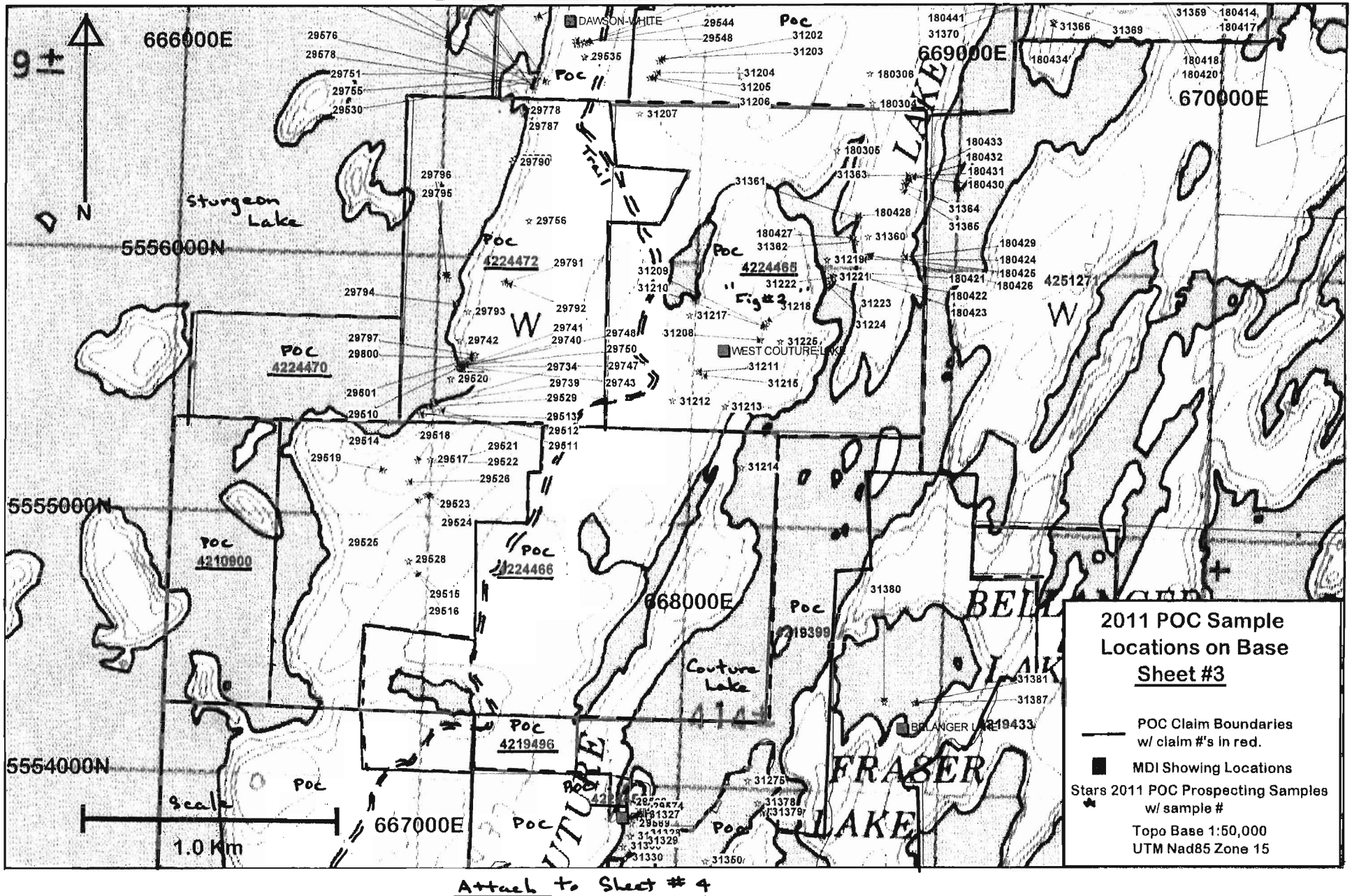
Attach to Sheet #1



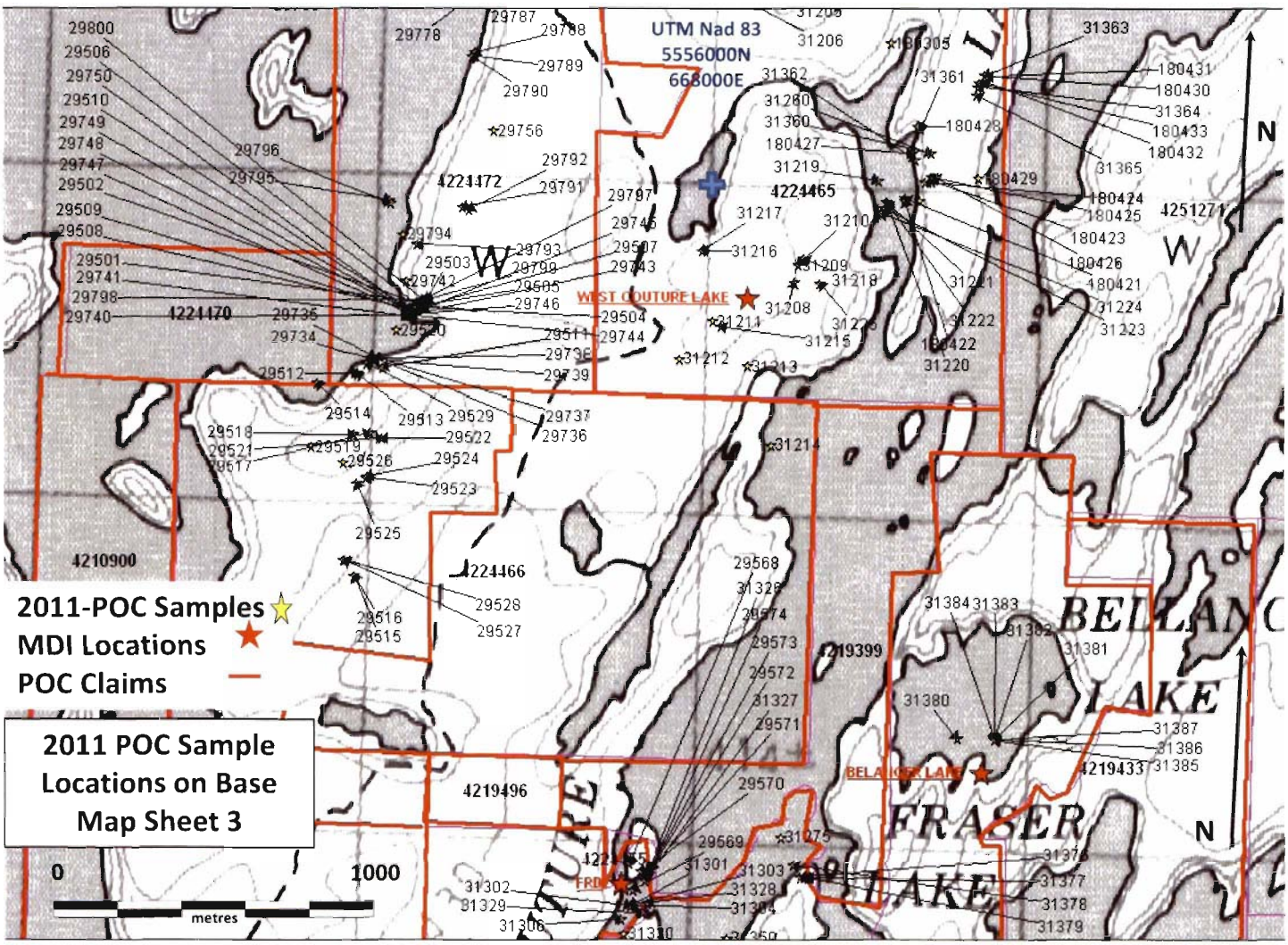
Attach to Sheet #3


2011 POC Sample Locations on Base Map Sheet 2
UTM Nad 83
5559000N
669000E
Detailed 2011 Trench Area
2011-POC Samples
MDI Locations
POC Claims
N
W
LAKE
BUCKSAW
DAWSON-WHITE
NORTH COUTURE LAKE
NORTHEAST ARM - INV
4224469
4224462
4224446
4224447
3001270
metres
0
1000

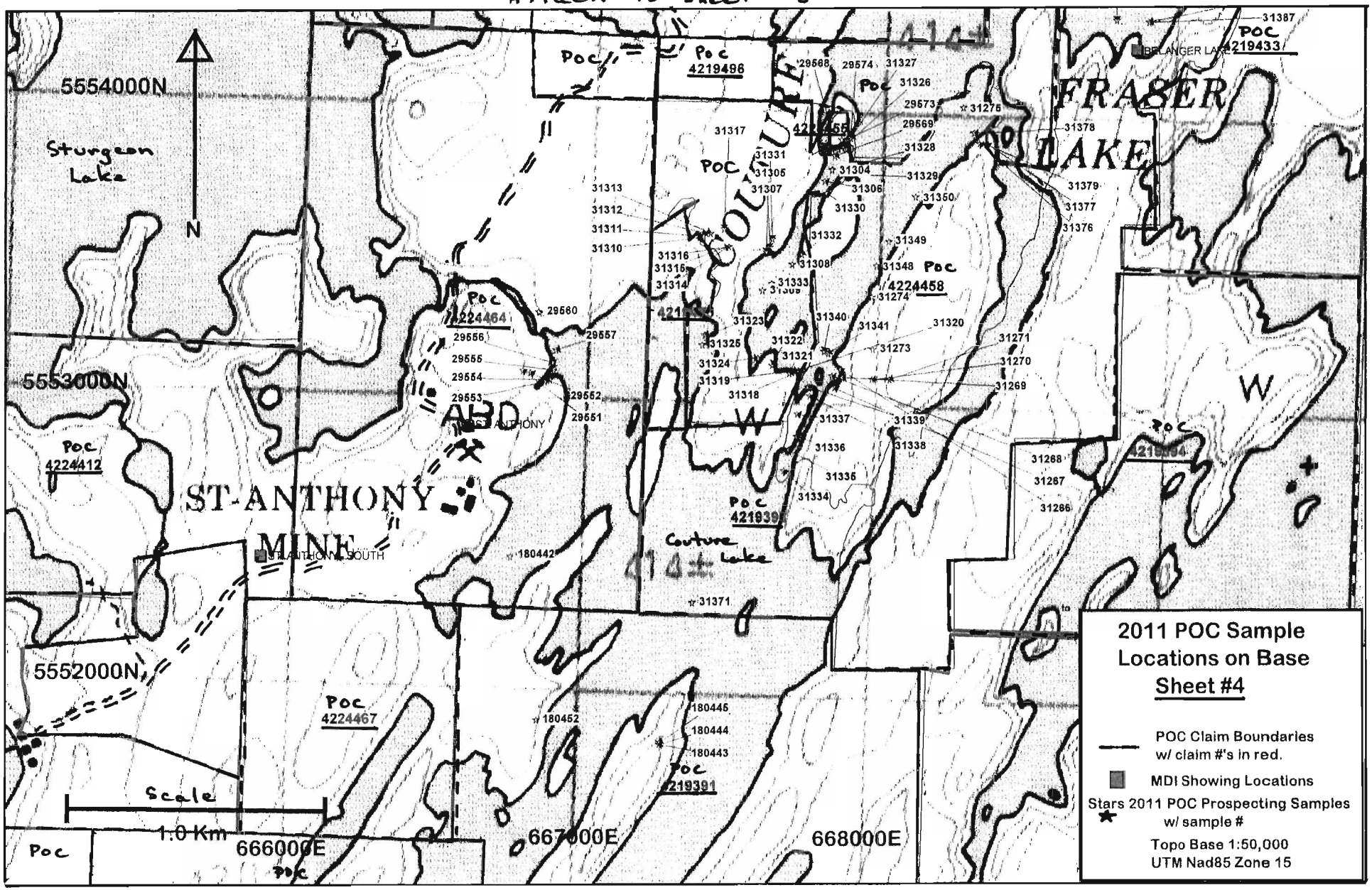
Attach to Sheet #2



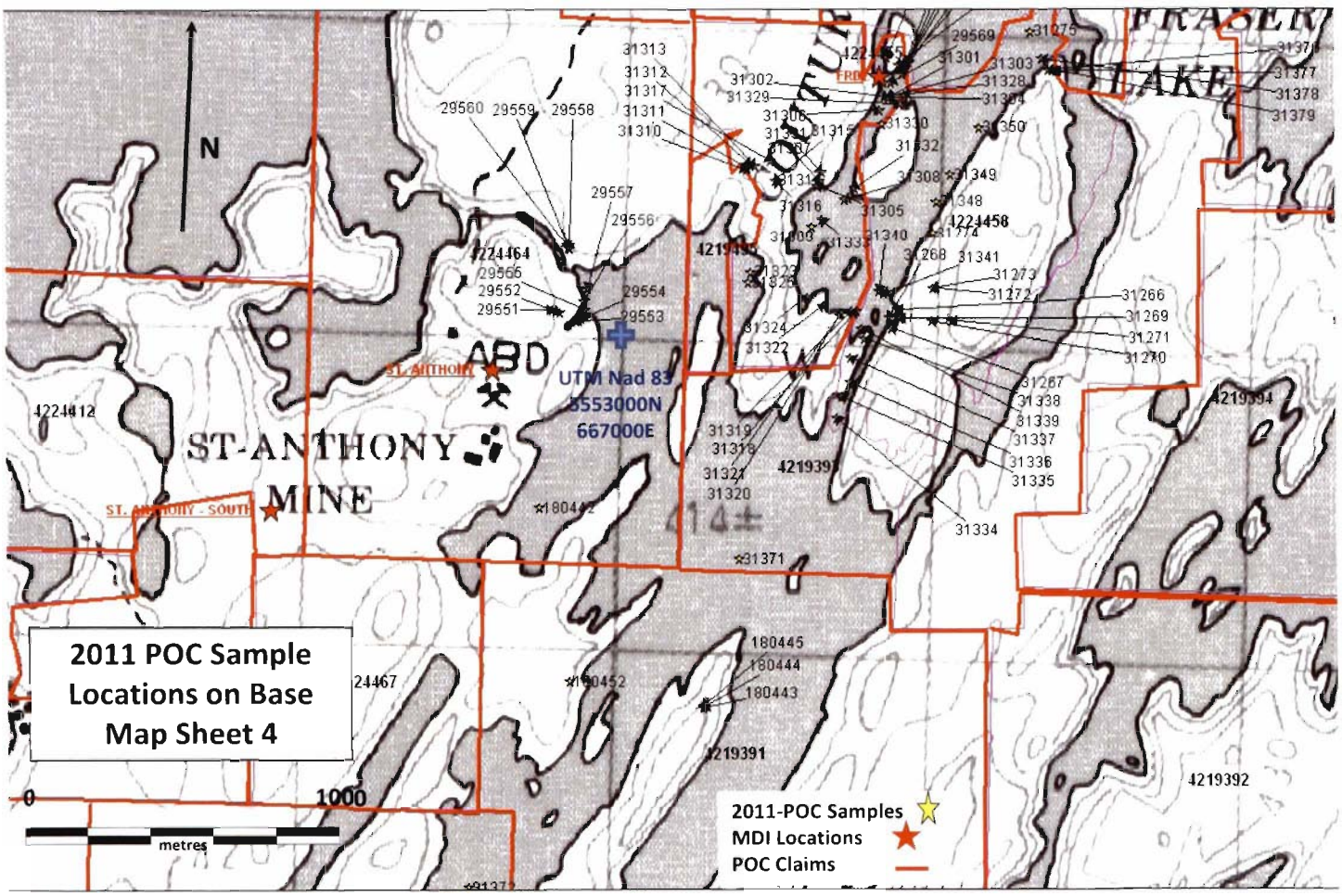
Attach to Sheet #4


UTM Nad 83
5556000N
668000E
WEST COUTURE LAKE
BELANGER LAKE
FRASER LAKE
4224472
4224465
4224470
4210900
4224466
4219496
4219399
4219433
4251271
2011-POC Samples
MDI Locations
POC Claims
2011 POC Sample Locations on Base Map Sheet 3
0
1000
metres
N

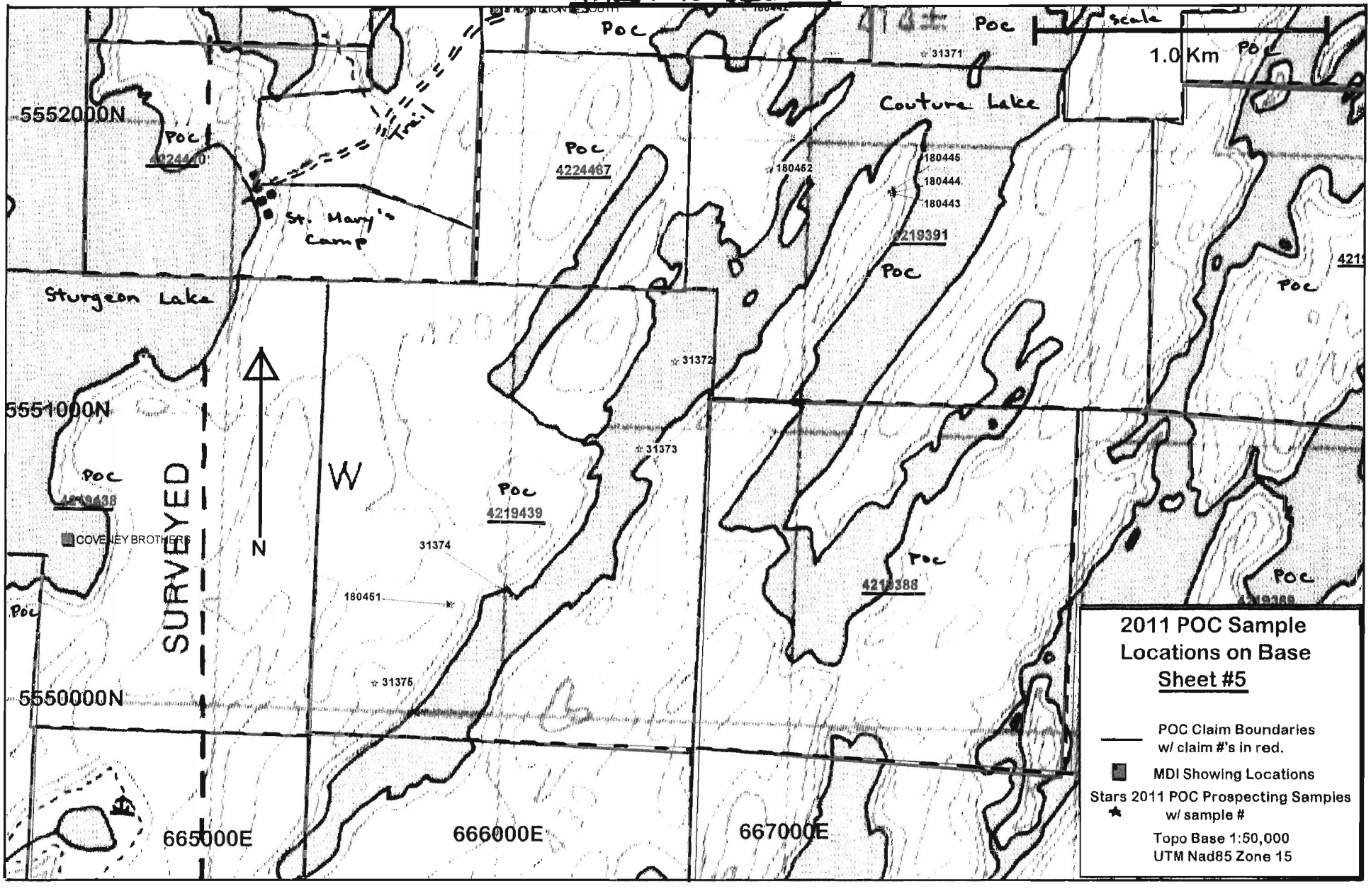
Attach to Sheet #3

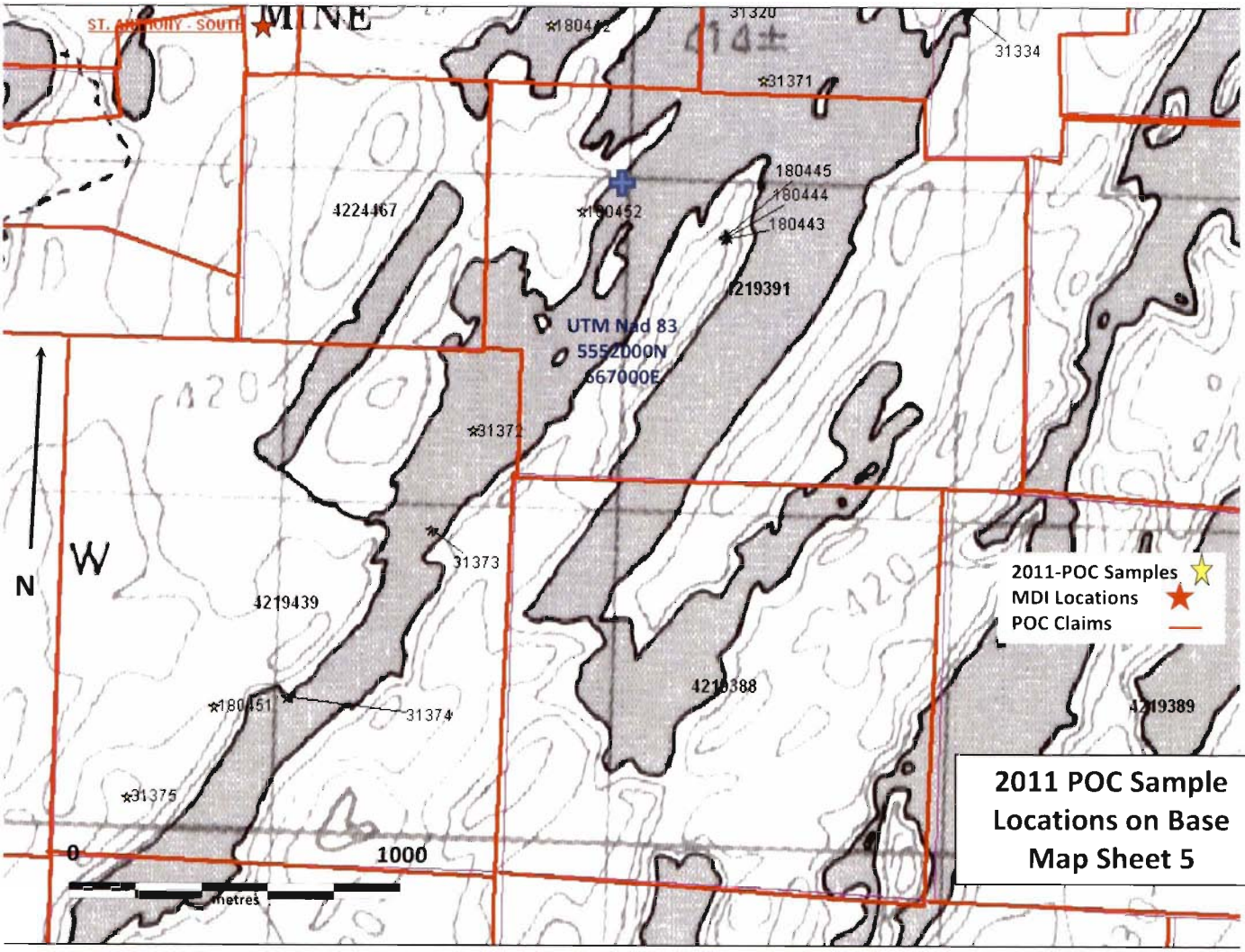


Attach to Sheet #5


N
ABD
UTM Nad 83
5553000N
667000E
ST-ANTHONY
MINE
ST. ANTHONY - SOUTH
2011 POC Sample Locations on Base Map Sheet 4
0
1000
metres
2011-POC Samples
MDI Locations
POC Claims
4224412
4224464
4224458
4219394
4219391
4219392
24467
180452
180445
180444
180443
29569
29560
29559
29558
29557
29556
29554
29553
29552
29551
31313
31312
31317
31311
31310
31302
31329
31328
31304
31306
31330
31350
31532
31308
31349
31348
31316
31305
31340
31268
31341
31273
31272
31266
31269
31271
31270
31324
31322
31267
31338
31339
31337
31336
31335
31334
31319
31318
31321
31320
31371
31301
31377
31378
31379

Attach to Sheet # 4



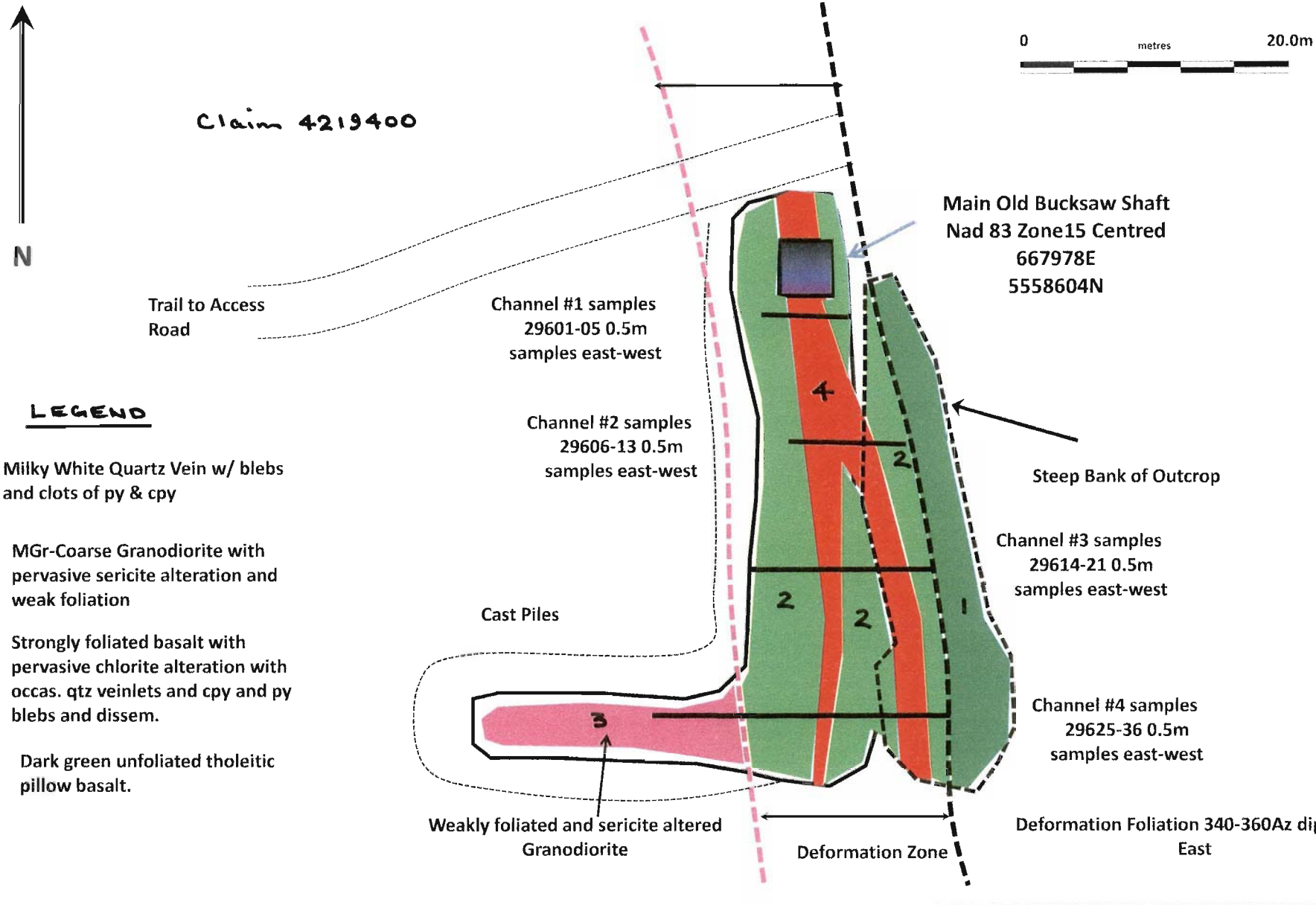


2011 POC Sample Locations on Base Map Sheet 5

2011 TRENCH #1 AND TRENCH #2 MAPS

(4 pages)

2011 Trench #01



LEGEND

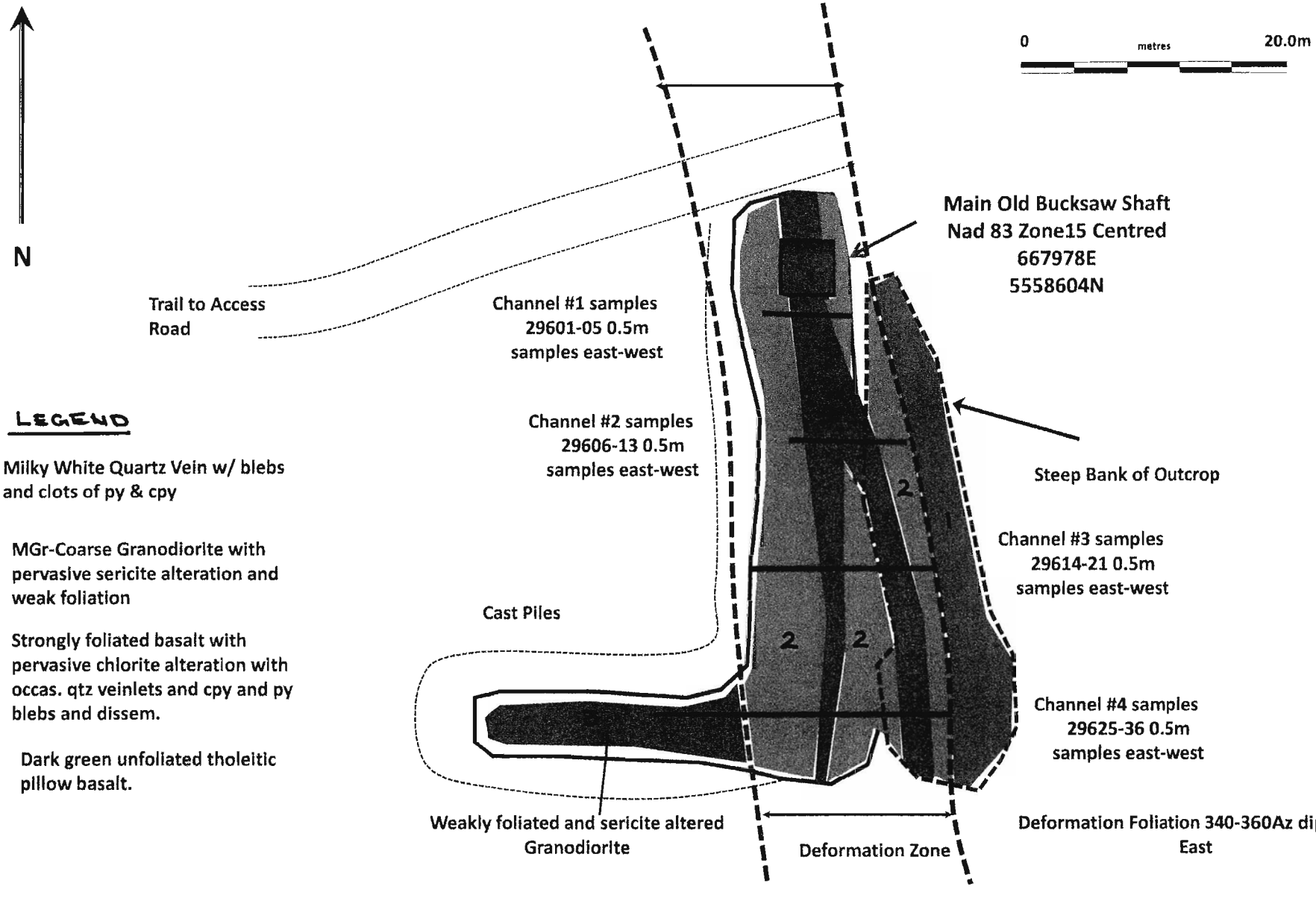
4 Milky White Quartz Vein w/ blebs and clots of py & cpy

3 MGr-Coarse Granodiorite with pervasive sericite alteration and weak foliation

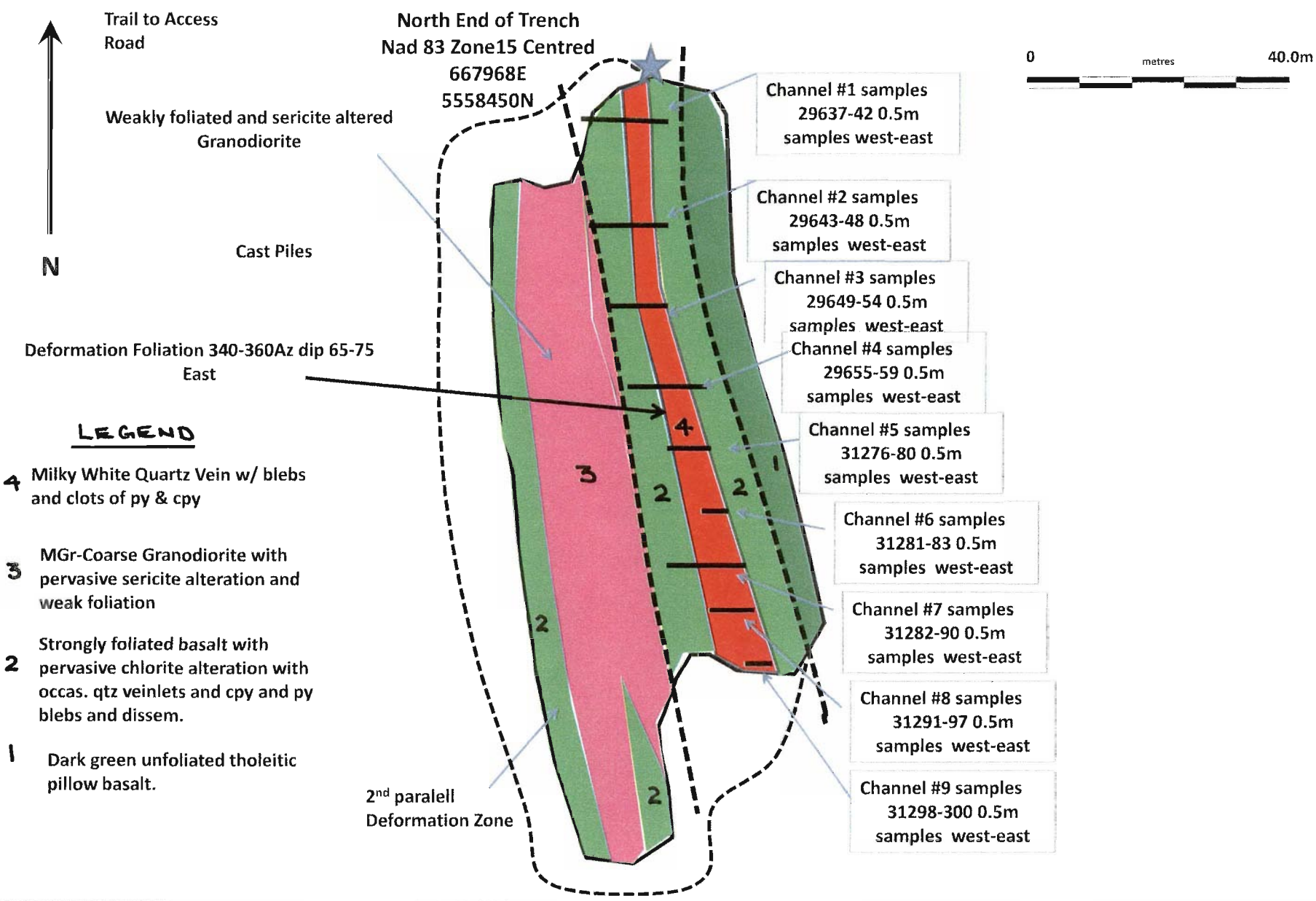
2 Strongly foliated basalt with pervasive chlorite alteration with occas. qtz veinlets and cpy and py blebs and dissem.

1 Dark green unfoliated tholeitic pillow basalt.

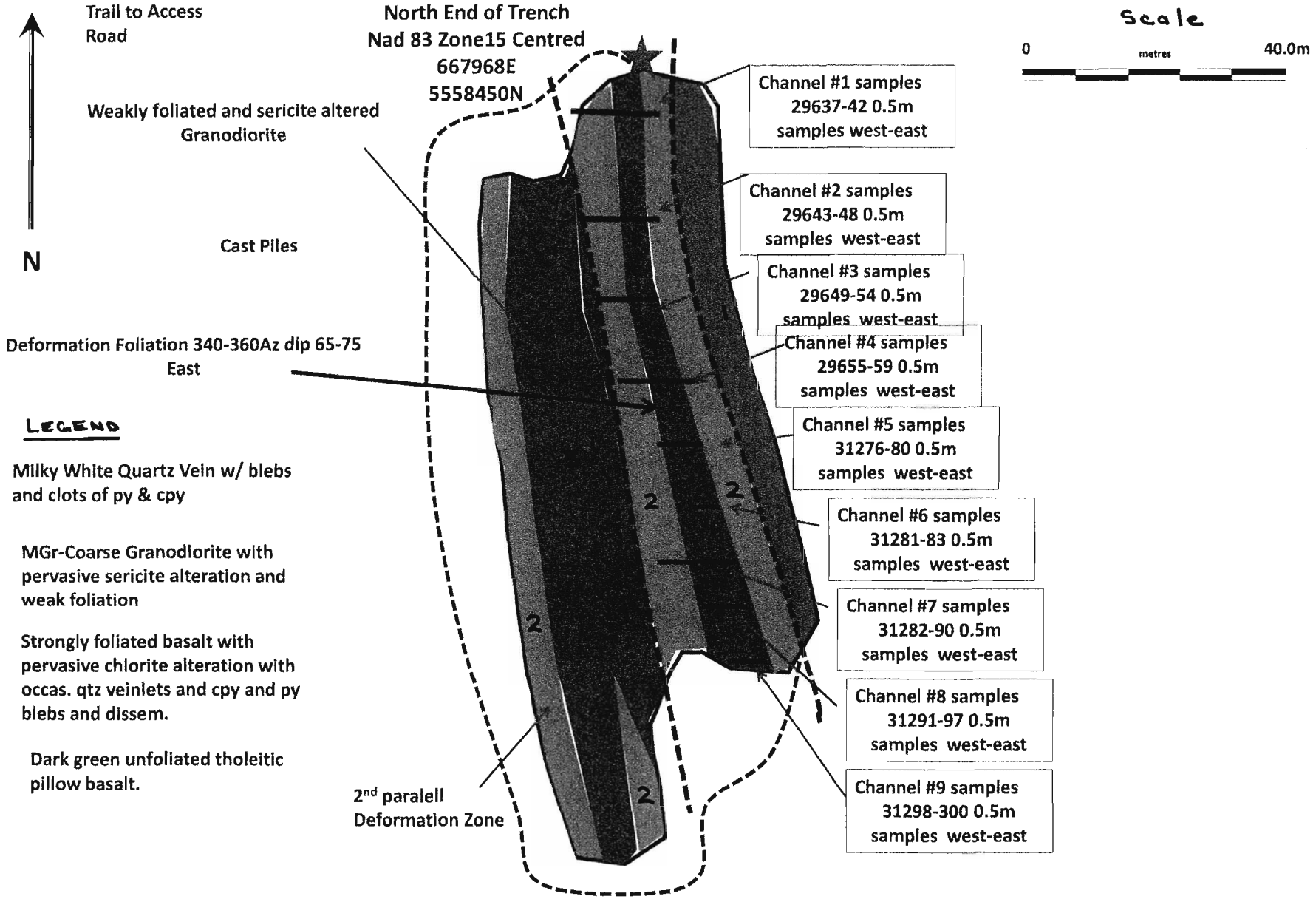
2011 Trench #01



2011 Trench #02



2011 Trench #02



APPENDIX II

Assay

Certificates

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
This copy reported on
12-APR-2012
Account: PJV

CERTIFICATE TB11229291

Project: ST. ANTHONY

P.O. No.:

This report is for 174 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 2-NOV-2011.

The following have access to data associated with this certificate:

GRAEME EVANS ACCOUNTS PAYABLE	PERRY HEATHERINGTON	ALASDAIR MOWAT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

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

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg .02	Au-GRA22 Au ppm 0.05	Au-GRA22 Au Check ppm 0.05	Au-ICP22 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1
29501		1.95			0.025	<0.2	1.21	2	<10	10	<0.5	<2	1.66	<0.5	12	58
29502		1.20			0.470	2.6	0.96	15	<10	<10	<0.5	<2	0.04	0.6	158	29
29503		1.81			0.056	1.2	0.64	<2	<10	20	<0.5	<2	0.36	<0.5	42	3
29504		1.91			0.207	<0.2	0.87	2	<10	10	<0.5	<2	7.2	<0.5	12	37
29505		1.75			0.091	1.1	2.52	3	<10	10	<0.5	<2	0.26	<0.5	176	5
29506		1.56	0.57		2.14	0.2	0.32	2	<10	10	<0.5	<2	0.75	<0.5	8	25
29507		1.88			0.055	1.4	0.32	<2	<10	<10	<0.5	<2	0.12	<0.5	7	29
29508		2.32	0.90		1.445	23.1	0.73	5	<10	<10	<0.5	4	0.21	1.3	12	38
29509		1.35			0.005	0.3	0.01	<2	<10	<10	<0.5	<2	0.02	<0.5	2	11
29510		0.94			0.062	1.0	1.01	3	<10	<10	<0.5	<2	0.66	<0.5	13	53
29511		1.05			0.002	<0.2	0.50	2	<10	<10	<0.5	<2	0.28	<0.5	5	32
29512		1.65	2.94		2.87	89.8	0.37	5	<10	<10	<0.5	<2	0.15	25.8	119	15
29513		1.59			0.335	5.0	1.49	2	<10	<10	<0.5	<2	0.64	0.8	10	65
29514		2.04			0.010	0.7	0.78	<2	<10	20	<0.5	<2	0.07	<0.5	6	10
29515		2.33			0.010	0.2	1.56	16	<10	40	<0.5	<2	1.39	<0.5	23	15
29516		1.73			0.186	<0.2	1.56	16	<10	70	<0.5	<2	1.32	<0.5	24	15
29517		1.68			0.004	<0.2	1.76	7	<10	10	<0.5	<2	1.20	<0.5	18	85
29518		1.41			0.004	<0.2	1.89	<2	<10	10	<0.5	<2	1.18	<0.5	13	55
29519		1.80			0.068	5.1	0.15	8	<10	<10	<0.5	9	1.00	0.7	10	20
29520		2.08			0.006	<0.2	0.39	<2	<10	<10	<0.5	<2	0.50	<0.5	4	24
29521		1.22	0.53		0.533	5.4	0.98	<2	<10	<10	<0.5	6	5.35	2.4	32	68
29522		1.04			0.098	0.9	4.93	2	<10	10	<0.5	<2	1.81	0.5	48	318
29523		0.78			0.007	<0.2	1.60	<2	<10	10	<0.5	<2	0.75	<0.5	14	30
29524		1.04			0.041	0.5	1.05	<2	<10	<10	<0.5	<2	0.37	<0.5	9	79
29525		1.10			0.324	0.4	0.23	2	<10	<10	<0.5	<2	0.85	<0.5	3	18
29526		1.34			0.002	<0.2	0.96	<2	<10	<10	<0.5	<2	0.08	<0.5	8	58
29527		0.89			0.011	<0.2	2.41	<2	<10	<10	<0.5	<2	8.9	<0.5	31	142
29528		1.53			0.002	<0.2	0.81	<2	<10	<10	<0.5	<2	0.38	<0.5	17	60
29529		1.22			0.001	0.2	2.03	<2	<10	<10	<0.5	<2	1.88	<0.5	16	105
29530		1.09	12.95		>10.0	10.6	0.18	<2	<10	10	<0.5	8	0.84	<0.5	10	14
29531		1.61			0.016	<0.2	1.17	<2	<10	10	<0.5	<2	0.42	<0.5	12	19
29532		1.83			0.040	0.2	2.64	<2	<10	30	<0.5	<2	3.67	<0.5	36	22
29533		1.61			0.005	<0.2	1.31	3	<10	10	<0.5	<2	4.12	<0.5	17	15
29534		0.68			0.011	0.6	0.10	<2	<10	10	<0.5	<2	0.09	<0.5	80	8
29535		0.91			0.020	1.4	1.26	4	<10	10	<0.5	<2	0.29	<0.5	57	16
29536		1.98			0.007	0.8	3.38	<2	<10	20	<0.5	<2	4.47	<0.5	74	28
29537		0.80			0.074	3.6	1.37	<2	<10	10	<0.5	2	1.25	<0.5	554	10
29538		1.58			0.006	0.6	2.63	<2	<10	50	<0.5	<2	4.11	<0.5	46	44
29539		1.91			0.003	0.3	2.72	<2	<10	<10	<0.5	<2	5.51	<0.5	37	25
29540		2.68			0.009	0.5	2.59	<2	<10	10	<0.5	<2	2.97	<0.5	38	26

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
29501		79	2.22	<10	<1	0.03	<10	0.95	463	<1	0.01	28	40	<2	0.01	<2
29502		3970	6.88	<10	<1	0.02	<10	0.72	170	1	0.01	375	50	<2	4.76	<2
29503		2140	3.11	<10	<1	0.17	<10	0.28	95	1	0.06	26	850	<2	1.62	<2
29504		74	1.88	<10	<1	0.10	<10	0.66	859	12	0.01	20	150	<2	0.09	<2
29505		4330	15.0	10	1	0.10	<10	1.55	582	4	0.03	228	30	<2	8.99	<2
29506		183	0.98	<10	<1	0.03	<10	0.23	174	<1	<0.01	25	20	<2	0.09	<2
29507		637	0.98	<10	<1	0.01	<10	0.24	105	<1	0.01	16	30	<2	0.10	<2
29508		8430	4.18	<10	<1	0.01	<10	0.54	174	<1	0.01	26	50	<2	1.19	<2
29509		236	0.44	<10	<1	<0.01	<10	<0.01	35	<1	0.01	8	<10	<2	0.07	<2
29510		1005	2.10	<10	<1	0.01	<10	0.80	349	<1	0.01	30	30	<2	0.14	<2
29511		58	1.23	<10	<1	0.01	<10	0.39	151	<1	0.01	14	30	<2	0.03	<2
29512		>10000	8.52	<10	<1	<0.01	<10	0.27	99	<1	0.01	237	20	<2	4.75	2
29513		2430	2.92	<10	<1	0.01	<10	1.20	371	1	0.01	17	20	<2	0.33	<2
29514		259	1.70	<10	<1	0.05	<10	0.44	220	<1	0.05	2	100	<2	0.06	<2
29515		127	3.64	10	<1	0.20	<10	0.74	460	<1	0.13	16	480	<2	0.13	<2
29516		117	3.57	<10	<1	0.34	<10	0.75	444	<1	0.13	17	500	<2	0.22	<2
29517		79	2.18	<10	<1	0.01	<10	0.89	334	<1	0.09	65	140	<2	0.07	<2
29518		95	1.57	<10	<1	0.06	<10	0.68	211	<1	0.21	57	150	<2	0.11	<2
29519		2400	0.83	<10	<1	0.01	<10	0.11	128	<1	0.01	19	10	<2	0.24	<2
29520		53	0.87	<10	<1	<0.01	<10	0.29	126	<1	0.01	10	50	<2	0.02	<2
29521		6540	2.61	<10	<1	0.02	<10	0.75	507	<1	0.02	66	30	<2	0.78	<2
29522		1395	6.91	10	<1	0.07	<10	4.12	919	1	0.03	115	80	<2	0.14	<2
29523		115	2.60	<10	<1	0.02	<10	1.02	347	<1	0.09	36	200	<2	0.05	<2
29524		636	1.86	<10	<1	0.01	<10	0.89	228	<1	0.01	27	40	<2	0.07	<2
29525		571	0.69	<10	<1	<0.01	<10	0.17	120	<1	0.01	9	10	<2	0.06	<2
29526		7	1.64	<10	<1	<0.01	<10	0.88	202	<1	0.01	26	40	<2	<0.01	<2
29527		266	3.85	<10	<1	0.02	<10	1.78	1160	<1	0.03	83	120	<2	0.30	<2
29528		124	1.72	<10	<1	0.02	<10	0.66	213	<1	0.02	62	20	<2	0.12	<2
29529		46	3.23	<10	<1	0.02	<10	1.61	597	2	0.02	34	50	<2	0.02	<2
29530		111	1.41	<10	<1	0.03	<10	0.11	159	4	0.01	18	20	3	0.07	<2
29531		15	2.88	<10	<1	0.02	<10	0.67	501	<1	0.03	10	290	<2	0.02	<2
29532		237	8.05	10	<1	0.06	<10	2.13	1325	<1	0.05	26	500	<2	0.55	<2
29533		31	4.98	<10	<1	0.06	<10	1.30	1010	<1	0.07	10	560	<2	0.08	<2
29534		827	5.01	<10	<1	0.01	<10	0.05	92	<1	0.01	48	80	<2	3.03	<2
29535		413	5.64	10	<1	0.03	<10	0.65	377	<1	0.05	32	280	<2	1.04	<2
29536		608	7.97	10	<1	0.12	<10	2.29	1035	<1	0.03	32	610	<2	1.64	<2
29537		1960	28.6	<10	<1	0.02	<10	0.72	888	<1	0.02	741	210	<2	>10.0	<2
29538		644	7.01	10	<1	0.22	<10	1.78	1000	2	0.04	48	330	<2	1.28	<2
29539		299	5.79	10	1	0.02	<10	1.91	1120	<1	0.02	24	550	<2	0.84	<2
29540		338	5.59	10	<1	0.05	<10	1.79	740	<1	0.03	20	450	<2	0.87	<2

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	1	20	0.01	10	10	1	10	2	0.001
29501		5	6	<20	0.01	<10	<10	38	<10	21	
29502		3	2	<20	0.01	<10	<10	28	<10	33	
29503		7	9	<20	0.14	<10	<10	25	<10	22	
29504		6	42	<20	0.02	<10	<10	32	<10	20	
29505		4	5	<20	0.12	<10	<10	50	10	39	
29506		1	2	<20	0.02	<10	<10	15	<10	6	
29507		1	1	<20	0.02	<10	<10	11	<10	9	
29508		2	<1	<20	0.03	<10	<10	25	<10	42	
29509		<1	<1	<20	<0.01	<10	<10	1	<10	<2	
29510		3	<1	<20	0.03	<10	<10	33	<10	22	
29511		1	<1	<20	0.02	<10	<10	19	<10	9	
29512		2	<1	<20	<0.01	<10	<10	12	<10	462	5.27
29513		5	1	<20	0.03	<10	<10	56	<10	44	
29514		<1	5	<20	0.02	<10	<10	9	<10	30	
29515		7	8	<20	0.26	<10	<10	88	<10	36	
29516		7	5	<20	0.30	<10	<10	86	<10	32	
29517		3	13	<20	0.16	<10	<10	33	<10	21	
29518		2	18	<20	0.13	<10	<10	23	<10	14	
29519		1	1	<20	0.01	<10	<10	9	<10	18	
29520		1	<1	<20	0.01	<10	<10	13	<10	7	
29521		3	3	<20	0.02	<10	<10	24	<10	69	
29522		6	1	<20	0.12	<10	<10	126	<10	84	
29523		3	7	<20	0.17	<10	<10	47	<10	26	
29524		2	<1	<20	0.04	<10	<10	35	<10	19	
29525		1	<1	<20	0.01	<10	<10	8	<10	8	
29526		2	<1	<20	0.01	<10	<10	36	<10	15	
29527		3	13	<20	0.10	<10	<10	53	<10	38	
29528		1	<1	<20	0.03	<10	<10	23	<10	14	
29529		7	3	<20	0.05	<10	<10	71	<10	33	
29530		1	1	<20	0.01	<10	<10	6	<10	6	
29531		7	3	<20	0.02	<10	<10	59	<10	39	
29532		19	26	<20	0.04	<10	<10	187	<10	109	
29533		19	32	<20	0.01	<10	<10	125	<10	53	
29534		1	<1	<20	<0.01	<10	<10	5	<10	14	
29535		12	2	<20	0.04	<10	<10	116	<10	43	
29536		15	15	<20	0.08	<10	<10	151	<10	100	
29537		5	10	<20	0.02	<10	<10	44	<10	33	
29538		13	11	<20	0.09	<10	<10	134	<10	96	
29539		13	19	<20	0.06	<10	<10	95	<10	86	
29540		11	10	<20	0.07	<10	<10	108	<10	82	

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg .02	Au-GRA22 Au ppm 0.05	Au-GRA22 Au Check ppm 0.05	Au-ICP22 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1
29541		1.12			0.001	<0.2	0.05	<2	<10	<10	<0.5	<2	0.24	<0.5	1	10
29542		1.77			0.005	<0.2	1.41	<2	<10	10	<0.5	<2	1.96	<0.5	30	19
29543		1.97			0.013	1.0	2.72	2	<10	10	<0.5	<2	4.14	<0.5	44	68
29544		1.09			0.002	0.3	0.65	5	<10	10	<0.5	<2	0.29	<0.5	22	5
29545		1.61			0.002	<0.2	0.07	<2	<10	<10	<0.5	<2	0.23	<0.5	2	10
29546		2.28			0.012	<0.2	2.42	<2	<10	<10	<0.5	<2	3.57	<0.5	23	24
29547		2.61			0.006	<0.2	4.00	<2	<10	10	<0.5	<2	4.67	<0.5	31	28
29548		1.22			0.003	<0.2	1.68	<2	<10	50	<0.5	<2	0.27	<0.5	20	45
29549		0.96			0.015	<0.2	0.17	<2	<10	20	<0.5	<2	0.06	<0.5	2	10
29550		2.00			0.018	0.2	2.21	3	<10	10	<0.5	2	2.06	<0.5	28	18
29551		0.52			0.045	<0.2	0.10	6	<10	30	<0.5	<2	0.02	<0.5	1	6
29552		1.04			0.004	<0.2	1.65	3	<10	20	<0.5	<2	0.85	<0.5	21	34
29553		0.60			0.002	<0.2	2.04	2	<10	10	<0.5	<2	0.91	<0.5	24	85
29554		0.83			0.017	0.6	1.81	3	<10	<10	<0.5	<2	0.76	<0.5	33	62
29555		1.09			0.005	0.3	1.92	4	<10	10	<0.5	<2	0.87	<0.5	22	59
29556		1.66			0.003	0.2	1.68	4	<10	10	<0.5	<2	0.91	<0.5	20	97
29557		0.87			0.002	<0.2	1.51	9	<10	370	<0.5	<2	1.31	<0.5	17	38
29558		0.76			0.007	2.3	2.62	28	<10	30	<0.5	2	4.95	<0.5	50	55
29559		1.10			0.008	0.4	2.18	2	<10	10	<0.5	<2	1.98	<0.5	24	34
29560		1.00			0.042	0.4	4.08	16	<10	10	<0.5	3	5.11	<0.5	39	45
29561		Listed, NR														
29562		0.84			0.066	0.4	1.71	<2	<10	30	<0.5	<2	2.32	<0.5	22	33
29563		0.50			0.018	0.2	1.36	<2	<10	90	<0.5	<2	0.35	<0.5	11	12
29564		1.19			0.019	0.3	0.83	2	<10	10	<0.5	<2	1.83	<0.5	9	34
29565		0.95			0.086	0.2	2.00	<2	<10	20	<0.5	<2	2.68	<0.5	24	126
29566		1.10			0.018	<0.2	4.74	5	<10	10	<0.5	<2	8.7	<0.5	39	204
29567		1.79			0.057	0.4	3.98	5	<10	30	<0.5	<2	4.88	<0.5	40	41
29568		2.23			0.003	<0.2	0.74	2	<10	<10	<0.5	<2	3.39	<0.5	11	35
29569		1.20			0.003	<0.2	3.59	5	<10	20	<0.5	<2	0.93	<0.5	33	7
29570		1.48			0.003	<0.2	4.82	<2	<10	30	<0.5	3	2.85	<0.5	45	7
29571		0.67	2.07		1.865	10.6	1.25	15	<10	10	<0.5	48	2.03	0.5	36	15
29572		0.43	24.1		>10.0	19.5	0.06	127	<10	<10	<0.5	11	0.31	0.9	59	8
29573		1.27	11.70		>10.0	6.8	0.04	52	<10	<10	<0.5	4	0.24	0.9	34	17
29574		0.92	2.38		2.64	20.4	0.28	114	<10	<10	<0.5	12	0.09	1.4	82	21
29575		2.07			0.063	0.3	0.83	3	<10	<10	<0.5	<2	0.26	<0.5	10	46
29701		1.31			0.012	1.6	0.28	<2	<10	<10	<0.5	3	0.08	<0.5	84	23
29702		1.06			0.026	<0.2	2.49	2	<10	20	<0.5	<2	0.99	<0.5	26	28
29703		1.19			0.042	2.7	3.08	3	<10	10	<0.5	4	0.10	<0.5	236	142
29704		1.84			0.020	0.2	1.35	<2	<10	10	<0.5	2	0.32	<0.5	16	21
29705		0.87			0.006	0.2	4.17	<2	<10	70	<0.5	<2	7.2	<0.5	31	227

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
29541		8	0.35	<10	<1	<0.01	<10	0.03	73	<1	0.01	1	10	<2	0.03	<2
29542		220	3.72	<10	<1	0.02	<10	0.84	669	<1	0.03	15	340	<2	0.35	<2
29543		706	6.17	10	<1	0.07	10	1.88	838	1	0.07	76	500	3	1.26	<2
29544		373	1.58	<10	<1	0.03	10	0.24	100	<1	0.07	7	560	10	0.38	<2
29545		13	0.36	<10	<1	<0.01	<10	0.04	49	1	0.01	2	<10	2	0.03	<2
29546		247	4.73	10	1	0.02	<10	1.60	686	<1	0.02	16	300	<2	0.45	<2
29547		226	7.20	10	<1	0.07	<10	2.54	932	<1	0.03	27	540	3	0.58	<2
29548		184	3.48	10	1	0.27	<10	1.10	332	<1	0.02	25	250	<2	0.12	<2
29549		12	0.40	<10	<1	0.05	10	0.02	63	<1	0.06	1	30	<2	0.05	<2
29550		159	4.58	10	<1	0.13	<10	1.57	644	<1	0.08	27	590	<2	0.32	<2
29551		3	0.49	<10	<1	0.09	<10	0.01	30	<1	0.03	<1	70	3	0.08	<2
29552		174	2.94	<10	1	0.08	<10	1.11	378	<1	0.08	38	290	<2	0.11	<2
29553		106	3.44	<10	1	0.03	<10	1.43	581	<1	0.04	53	170	<2	0.07	<2
29554		437	3.37	<10	<1	0.04	<10	1.37	338	<1	0.05	70	230	<2	0.55	<2
29555		97	3.06	<10	1	0.06	<10	1.52	356	<1	0.03	52	210	<2	0.10	<2
29556		241	2.77	<10	<1	0.02	<10	1.13	438	<1	0.05	48	200	<2	0.08	<2
29557		24	3.38	10	<1	0.92	10	0.86	527	<1	0.06	45	390	<2	0.33	2
29558		276	6.87	10	<1	0.17	<10	1.87	1360	<1	0.03	81	340	2	1.43	<2
29559		402	4.90	<10	<1	0.03	<10	1.39	836	<1	0.05	34	180	<2	0.41	<2
29560		243	7.52	10	1	0.06	<10	2.68	1430	<1	0.02	38	270	<2	0.70	<2
29561																
29562		150	3.26	<10	<1	0.12	<10	1.07	504	<1	0.15	27	490	2	0.26	<2
29563		70	2.11	10	1	0.53	10	0.80	203	<1	0.08	9	310	9	0.15	<2
29564		209	1.61	<10	<1	0.04	<10	0.65	316	<1	0.03	20	50	4	0.28	<2
29565		107	2.93	<10	1	0.41	<10	1.58	581	<1	0.10	83	250	<2	0.18	<2
29566		91	6.27	10	1	0.38	<10	3.78	1340	<1	0.02	122	230	2	0.18	<2
29567		336	7.15	10	<1	0.27	<10	3.02	1185	1	0.02	51	580	<2	1.79	<2
29568		78	1.37	<10	1	0.01	<10	0.54	379	<1	0.02	24	30	<2	0.07	<2
29569		120	6.63	10	1	0.01	<10	2.30	889	<1	0.03	27	330	<2	0.10	<2
29570		195	9.47	10	<1	0.01	<10	2.94	1190	<1	0.02	30	340	<2	0.15	<2
29571		3920	6.14	<10	<1	0.01	<10	1.02	727	<1	0.01	56	160	<2	1.02	<2
29572		4720	1.71	<10	<1	0.01	<10	0.06	96	<1	0.01	15	10	<2	0.74	<2
29573		3110	1.20	<10	<1	<0.01	<10	0.05	97	<1	0.01	13	10	2	0.45	<2
29574		7240	2.93	<10	<1	<0.01	<10	0.13	74	<1	0.01	34	10	<2	1.43	<2
29575		554	1.63	<10	<1	0.01	<10	0.60	151	<1	0.03	22	80	<2	0.15	<2
29701		505	5.02	<10	<1	0.01	<10	0.19	76	<1	0.01	185	10	2	3.68	<2
29702		167	4.53	10	1	0.13	<10	1.70	506	<1	0.10	24	550	<2	0.31	<2
29703		3440	11.65	10	<1	0.08	<10	2.30	415	<1	0.02	410	110	17	8.15	<2
29704		90	3.01	<10	<1	0.04	<10	0.89	376	<1	0.01	15	170	2	0.22	<2
29705		106	6.10	10	<1	0.87	<10	3.29	1280	<1	0.03	103	240	<2	0.37	<2

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	1	20	0.01	10	10	1	10	2	0.001
29541		<1	1	<20	<0.01	<10	<10	2	<10	2	
29542		6	7	<20	0.02	<10	<10	41	<10	45	
29543		10	10	<20	0.16	<10	<10	141	<10	192	
29544		1	11	<20	0.06	<10	<10	11	<10	46	
29545		<1	1	<20	<0.01	<10	<10	4	<10	5	
29546		13	14	<20	0.07	<10	<10	121	<10	77	
29547		15	18	<20	0.12	<10	<10	259	<10	125	
29548		7	4	<20	0.10	<10	<10	63	<10	46	
29549		<1	3	<20	<0.01	<10	<10	3	<10	3	
29550		9	25	<20	0.18	<10	<10	150	<10	67	
29551		<1	5	<20	<0.01	<10	<10	1	<10	2	
29552		5	11	<20	0.19	<10	<10	60	<10	38	
29553		4	7	<20	0.15	<10	<10	61	<10	61	
29554		3	14	<20	0.13	<10	<10	59	<10	38	
29555		3	11	<20	0.14	<10	<10	69	<10	32	
29556		5	12	<20	0.16	<10	<10	70	<10	47	
29557		7	27	<20	0.15	<10	<10	66	<10	43	
29558		10	62	<20	0.04	<10	<10	98	<10	85	
29559		5	14	<20	0.10	<10	<10	70	<10	62	
29560		19	62	<20	0.09	<10	<10	176	<10	108	
29561											
29562		9	18	<20	0.12	<10	<10	102	<10	48	
29563		2	15	<20	0.13	<10	<10	40	<10	39	
29564		2	12	<20	0.03	<10	<10	27	<10	30	
29565		6	19	<20	0.15	<10	<10	63	<10	38	
29566		9	78	<20	0.17	<10	<10	137	<10	106	
29567		11	51	<20	0.21	<10	<10	148	<10	135	
29568		2	6	<20	0.02	<10	<10	30	<10	14	
29569		7	14	<20	0.15	<10	<10	164	<10	84	
29570		42	36	<20	0.09	<10	<10	376	<10	103	
29571		12	17	<20	0.01	<10	<10	70	<10	61	
29572		1	3	<20	<0.01	<10	<10	5	<10	44	
29573		1	3	<20	<0.01	<10	<10	2	<10	38	
29574		2	2	<20	<0.01	<10	<10	15	<10	91	
29575		2	3	<20	0.04	<10	<10	30	<10	32	
29701		1	2	<20	0.01	<10	<10	9	<10	16	
29702		11	8	<20	0.16	<10	<10	136	<10	60	
29703		7	2	<20	0.04	<10	<10	83	<10	88	
29704		7	4	<20	0.01	<10	<10	74	<10	37	
29705		11	21	<20	0.15	<10	<10	193	<10	113	

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg .02	Au-GRA22 Au ppm 0.05	Au-GRA22 Au Check ppm 0.05	Au-ICP22 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1
29706		0.75			0.006	0.2	0.46	<2	<10	10	<0.5	<2	0.39	<0.5	5	19
29707		0.52			0.007	<0.2	1.16	<2	<10	<10	<0.5	<2	0.88	<0.5	13	36
29708		1.60			0.014	<0.2	1.94	<2	<10	<10	<0.5	<2	0.88	<0.5	22	63
29709		1.32			0.040	0.2	1.11	2	<10	<10	<0.5	<2	2.22	<0.5	14	39
29710		1.35			0.007	<0.2	1.10	<2	<10	10	<0.5	<2	1.37	<0.5	20	61
29711		1.80			0.005	0.2	3.79	<2	<10	<10	<0.5	2	5.79	<0.5	31	161
29712		0.28			0.006	0.2	1.89	2	<10	<10	<0.5	<2	1.50	<0.5	23	66
29713		1.74			0.006	<0.2	1.24	<2	<10	<10	<0.5	2	8.7	<0.5	13	51
29714		1.07			0.002	<0.2	5.12	<2	<10	10	<0.5	<2	1.06	<0.5	43	244
29715		1.67			0.004	<0.2	1.09	<2	<10	30	<0.5	<2	1.04	<0.5	15	12
29716		0.51			0.140	0.6	0.21	<2	<10	<10	<0.5	<2	0.19	<0.5	5	22
29717		1.21			0.007	<0.2	0.21	3	<10	10	<0.5	<2	0.79	<0.5	3	7
29718		2.78			0.356	0.4	0.61	3	<10	20	<0.5	<2	1.17	<0.5	20	12
29719		1.46			0.536	0.3	1.42	2	<10	90	<0.5	2	1.72	<0.5	29	22
29720		1.83			0.005	0.2	2.57	2	<10	170	<0.5	<2	1.81	<0.5	25	141
29721		1.50			0.005	0.2	1.93	3	<10	130	<0.5	<2	2.69	<0.5	20	19
29722		1.57			0.010	0.3	1.00	26	<10	10	<0.5	<2	1.87	<0.5	29	21
29723		1.54			0.002	<0.2	0.81	3	<10	150	<0.5	<2	0.13	<0.5	4	3
29724		1.29			0.010	0.2	0.69	3	<10	60	<0.5	<2	3.81	<0.5	10	9
29725		1.48			0.011	0.2	4.22	2	<10	250	<0.5	<2	5.26	<0.5	37	32
29727		1.97			0.018	0.4	2.10	3	<10	10	<0.5	<2	0.50	<0.5	23	111
29728		1.32			0.021	0.4	1.49	2	<10	10	<0.5	<2	1.36	<0.5	14	41
29729		0.65			0.011	0.2	4.34	<2	<10	270	<0.5	<2	4.37	<0.5	36	33
29730		1.02			0.018	0.2	0.51	4	<10	20	<0.5	<2	1.24	<0.5	11	7
29731		0.41			0.018	2.5	0.48	15	<10	10	<0.5	<2	0.20	<0.5	25	12
29732		1.10			0.001	<0.2	1.14	2	<10	30	<0.5	<2	1.28	<0.5	8	9
29733		1.44			0.006	0.2	2.74	4	<10	10	<0.5	<2	3.57	<0.5	17	9
29734		1.59			0.004	<0.2	1.60	8	<10	<10	<0.5	<2	0.20	<0.5	14	78
29735		1.47			0.003	0.2	1.65	<2	<10	<10	<0.5	<2	0.69	<0.5	22	89
29736		1.44			0.005	0.2	0.13	<2	<10	<10	<0.5	<2	0.61	<0.5	3	15
29737		1.96			0.004	<0.2	0.06	<2	<10	<10	<0.5	<2	0.04	<0.5	1	13
29738		1.19			0.004	0.2	4.19	2	<10	10	<0.5	<2	1.36	<0.5	28	284
29739		1.22			0.001	2.1	0.01	13	<10	<10	<0.5	<2	0.01	0.6	6	12
29740		1.99			0.095	1.2	0.58	2	<10	<10	<0.5	<2	2.47	0.5	11	34
29741		1.57			0.006	0.2	2.53	6	<10	10	<0.5	<2	1.29	<0.5	27	114
29742		1.93			0.013	0.2	1.06	2	<10	<10	<0.5	<2	0.27	<0.5	14	70
29743		1.40			0.218	3.6	1.32	2	<10	<10	<0.5	<2	2.98	0.5	13	74
29744		1.24			0.010	<0.2	4.52	3	<10	30	<0.5	<2	1.38	<0.5	42	214
29745		2.12			0.075	1.4	3.87	2	<10	<10	<0.5	<2	0.59	0.6	34	179
29746		4.06			0.012	<0.2	1.68	10	<10	10	<0.5	<2	0.87	<0.5	18	61

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
29706		85	0.87	<10	1	0.02	<10	0.29	121	<1	0.05	8	60	7	0.06	<2
29707		85	1.51	<10	<1	0.03	<10	0.62	205	<1	0.11	36	220	<2	0.08	<2
29708		336	3.54	<10	<1	0.04	<10	1.35	405	<1	0.10	52	220	<2	0.29	<2
29709		206	1.46	<10	<1	0.02	<10	0.48	318	<1	0.11	36	200	<2	0.09	<2
29710		122	1.47	<10	<1	0.06	<10	0.53	266	<1	0.10	69	190	<2	0.04	<2
29711		77	5.02	10	<1	0.03	<10	3.23	938	<1	0.03	99	210	<2	0.15	<2
29712		156	2.32	<10	<1	0.02	<10	1.13	338	<1	0.13	76	190	<2	0.18	<2
29713		87	1.78	<10	<1	0.01	<10	0.88	862	<1	0.06	42	170	<2	0.07	<2
29714		22	6.69	10	<1	0.02	<10	4.51	940	<1	0.02	121	210	<2	0.01	<2
29715		63	2.74	<10	<1	0.11	<10	0.71	333	<1	0.12	13	600	<2	0.14	<2
29716		357	0.65	<10	<1	0.01	<10	0.16	214	<1	<0.01	6	20	<2	0.04	<2
29717		7	0.70	<10	<1	0.05	10	0.04	119	<1	0.05	3	30	9	0.30	<2
29718		157	2.08	<10	<1	0.11	<10	0.37	229	<1	0.01	8	120	<2	0.72	<2
29719		165	3.87	10	1	0.39	<10	0.79	422	<1	0.01	13	260	<2	1.05	<2
29720		43	4.17	10	<1	1.45	<10	2.12	509	<1	0.08	61	280	<2	0.23	<2
29721		76	3.62	10	<1	0.63	<10	1.17	601	<1	0.13	21	600	<2	0.17	<2
29722		291	2.38	<10	1	0.04	<10	0.39	354	<1	0.08	40	330	<2	0.41	<2
29723		28	1.73	10	<1	0.35	10	0.33	104	<1	0.07	1	280	<2	0.02	<2
29724		13	1.81	<10	<1	0.39	<10	0.45	606	<1	0.02	5	80	<2	0.49	<2
29725		50	9.00	20	<1	2.66	10	2.91	1140	<1	0.03	31	640	<2	0.29	<2
29727		254	3.60	10	<1	0.05	<10	1.60	309	<1	0.04	58	170	<2	0.14	<2
29728		307	2.23	<10	<1	0.03	<10	0.96	308	<1	0.10	29	260	<2	0.07	<2
29729		68	8.63	20	<1	1.80	10	3.14	1145	<1	0.02	30	600	<2	0.09	<2
29730		37	1.39	<10	<1	0.11	10	0.29	189	1	0.05	3	220	2	0.59	<2
29731		157	1.91	<10	<1	0.03	<10	0.25	99	<1	0.01	26	150	2	0.27	<2
29732		2	1.94	<10	<1	0.12	10	0.70	640	<1	0.02	16	430	<2	0.01	<2
29733		291	6.45	10	<1	0.03	10	1.48	1295	<1	0.09	27	370	<2	0.51	<2
29734		76	2.81	<10	<1	0.01	<10	1.26	291	<1	0.01	39	60	<2	0.07	<2
29735		180	2.90	<10	1	0.01	<10	1.26	458	<1	0.02	62	50	<2	0.14	<2
29736		153	0.64	<10	<1	<0.01	<10	0.09	100	<1	<0.01	13	30	<2	0.06	<2
29737		24	0.51	<10	<1	<0.01	<10	0.04	40	<1	<0.01	4	10	<2	0.01	<2
29738		130	6.27	10	<1	0.03	<10	3.40	886	3	0.04	61	140	<2	0.26	<2
29739		8730	1.54	<10	<1	<0.01	<10	0.01	31	<1	<0.01	14	<10	<2	1.00	<2
29740		1025	1.57	<10	<1	0.02	<10	0.45	329	<1	0.01	28	50	<2	0.38	<2
29741		86	3.69	<10	<1	0.03	<10	2.01	744	<1	0.02	81	190	<2	0.04	<2
29742		340	2.57	<10	<1	0.02	<10	0.84	240	<1	0.01	26	70	<2	0.06	<2
29743		1730	2.71	<10	<1	0.01	<10	1.01	495	<1	0.01	27	160	<2	0.13	<2
29744		154	6.46	10	<1	0.20	<10	3.60	1105	<1	0.02	128	200	<2	0.08	<2
29745		1215	5.81	10	<1	0.02	<10	3.26	682	<1	0.01	61	100	<2	0.21	<2
29746		114	2.22	<10	<1	0.05	<10	1.05	317	<1	0.09	53	180	<2	0.06	<2

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	1	20	0.01	10	10	1	10	2	0.001
29706		2	4	<20	0.01	<10	<10	7	<10	11	
29707		3	11	<20	0.09	<10	<10	33	<10	14	
29708		4	6	<20	0.08	<10	<10	42	<10	32	
29709		3	16	<20	0.12	<10	<10	33	<10	13	
29710		4	11	<20	0.14	<10	<10	43	<10	14	
29711		4	14	<20	0.04	<10	<10	96	<10	60	
29712		4	15	<20	0.11	<10	<10	43	<10	24	
29713		4	37	<20	0.07	<10	<10	33	<10	19	
29714		6	6	<20	0.08	<10	<10	129	<10	83	
29715		7	5	<20	0.12	<10	<10	86	<10	31	
29716		1	2	<20	0.01	<10	<10	6	<10	6	
29717		1	11	<20	<0.01	<10	10	3	<10	5	
29718		3	6	<20	0.03	<10	<10	30	<10	26	
29719		8	12	<20	0.10	<10	<10	91	<10	52	
29720		7	7	<20	0.23	<10	<10	113	<10	56	
29721		9	12	<20	0.18	<10	<10	119	<10	58	
29722		6	14	<20	0.16	<10	<10	59	<10	24	
29723		2	9	<20	0.07	<10	<10	17	<10	16	
29724		4	22	<20	0.08	<10	<10	45	<10	24	
29725		15	32	<20	0.47	<10	<10	351	<10	150	
29727		5	3	<20	0.09	<10	<10	74	<10	44	
29728		6	10	<20	0.10	<10	<10	52	<10	29	
29729		16	27	<20	0.37	<10	<10	346	<10	128	
29730		1	12	<20	0.05	<10	<10	24	<10	19	
29731		1	4	<20	<0.01	<10	<10	13	<10	17	
29732		2	12	<20	0.02	<10	<10	21	<10	36	
29733		2	20	<20	0.07	<10	<10	25	10	54	
29734		6	2	<20	0.05	<10	<10	57	<10	26	
29735		6	3	<20	0.04	<10	<10	61	<10	27	
29736		1	2	<20	0.01	<10	<10	5	<10	3	
29737		<1	2	<20	<0.01	<10	<10	2	<10	<2	
29738		12	7	<20	0.13	<10	<10	138	<10	81	
29739		<1	<1	<20	<0.01	<10	<10	<1	<10	13	
29740		2	5	<20	0.02	<10	<10	21	<10	17	
29741		2	7	<20	0.15	<10	<10	55	<10	49	
29742		3	2	<20	0.05	<10	<10	43	<10	19	
29743		4	6	<20	0.05	<10	<10	44	<10	33	
29744		6	7	<20	0.16	<10	<10	152	<10	70	
29745		8	2	<20	0.12	<10	<10	129	<10	75	
29746		2	12	<20	0.15	<10	<10	33	<10	25	

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg .02	Au-GRA22 Au ppm 0.05	Au-GRA22 Au Check ppm 0.05	Au-ICP22 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1
29747		2.17			0.014	0.2	1.19	3	<10	<10	<0.5	<2	0.59	<0.5	26	61
29748		1.68			0.249	4.9	2.00	<2	<10	<10	<0.5	<2	1.44	1.8	32	108
29749		1.89	19.60		>10.0	13.8	1.17	2	<10	<10	<0.5	<2	0.53	<0.5	17	62
29750		1.89			0.121	0.9	0.32	3	<10	<10	<0.5	<2	0.35	<0.5	5	22
29751		1.16			0.078	<0.2	1.24	2	<10	20	<0.5	<2	0.68	<0.5	8	36
29752		1.37	7.07	7.19	4.20	17.9	0.14	<2	<10	10	<0.5	33	0.21	2.7	13	17
29753		1.51	3.11		2.80	12.1	0.10	<2	<10	<10	<0.5	19	0.14	<0.5	2	14
29754		1.00	6.65		5.95	10.2	0.03	2	<10	<10	<0.5	12	0.43	<0.5	13	12
29755		1.13	1.52		1.005	1.1	1.10	2	<10	20	<0.5	<2	1.13	<0.5	9	10
29756		1.26			0.023	0.2	0.40	<2	<10	20	<0.5	<2	0.80	<0.5	10	31
29757		1.50			0.010	0.3	0.15	<2	<10	<10	<0.5	<2	1.19	<0.5	18	14
29758		1.62			0.029	1.5	1.06	<2	<10	30	<0.5	<2	5.24	0.6	98	56
29759		1.31			0.006	<0.2	1.00	<2	<10	20	<0.5	<2	1.14	<0.5	13	7
29760		1.02			0.002	0.2	1.69	2	<10	30	<0.5	<2	1.10	<0.5	16	21
29761		1.64			0.003	0.5	0.48	2	<10	20	<0.5	<2	0.06	<0.5	22	13
29762		1.44			0.005	<0.2	1.00	<2	<10	20	<0.5	<2	1.32	<0.5	18	24
29763		1.25			0.001	<0.2	0.81	<2	<10	50	<0.5	<2	0.73	<0.5	4	5
29764		1.31			0.008	<0.2	1.15	<2	<10	20	<0.5	<2	0.90	<0.5	12	23
29765		1.18			0.005	<0.2	0.78	<2	<10	20	<0.5	<2	0.84	<0.5	6	13
29766		0.74			0.001	<0.2	0.20	2	<10	20	<0.5	<2	0.06	<0.5	1	4
29767		1.33			0.003	<0.2	0.21	<2	<10	10	<0.5	<2	0.43	<0.5	4	10
29768		0.93			0.004	0.3	0.14	<2	<10	10	<0.5	<2	0.02	<0.5	1	9
29769		1.30			0.019	0.3	5.02	<2	<10	280	<0.5	<2	4.23	<0.5	32	134
29770		1.32			<0.001	<0.2	0.05	<2	<10	<10	<0.5	<2	0.35	<0.5	2	16
29771		1.69			0.014	0.2	0.30	3	<10	10	<0.5	<2	4.37	<0.5	16	12
29772		1.21			0.013	<0.2	0.44	4	<10	20	<0.5	<2	2.76	<0.5	57	8
29773		0.99			0.020	0.2	0.28	4	<10	10	<0.5	<2	4.43	<0.5	18	9
29774		1.58			0.003	<0.2	0.62	<2	<10	30	<0.5	<2	0.47	<0.5	4	14
29775		0.97			0.104	0.9	0.77	2	<10	80	<0.5	<2	0.82	<0.5	44	20
29776		1.59			0.063	0.4	2.40	2	<10	50	<0.5	<2	3.67	<0.5	23	22
29777		1.54			0.974	0.7	1.22	2	<10	20	<0.5	3	0.91	<0.5	39	17
29778		1.40			0.003	<0.2	1.04	<2	<10	60	<0.5	<2	0.41	<0.5	8	6
29779		1.13			0.006	<0.2	0.21	<2	<10	<10	<0.5	<2	0.06	<0.5	2	7
29780		1.75			0.006	0.2	0.09	<2	<10	10	<0.5	<2	0.02	<0.5	2	13
29781		1.82			0.001	<0.2	0.53	3	<10	50	<0.5	<2	0.56	<0.5	3	7
29782		1.50			0.004	0.2	0.27	2	<10	<10	<0.5	<2	0.23	<0.5	2	11
29783		2.23			0.002	<0.2	0.18	<2	<10	<10	<0.5	<2	0.11	<0.5	3	11
29784		2.78			0.002	<0.2	0.73	<2	<10	10	<0.5	<2	1.18	<0.5	13	17
29785		1.80			0.006	<0.2	0.30	<2	<10	10	<0.5	<2	0.05	<0.5	2	10
29786		1.09			0.006	<0.2	1.04	<2	<10	10	<0.5	<2	1.67	<0.5	12	54

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
29747		295	2.50	<10	<1	0.02	<10	0.92	324	<1	0.01	68	70	<2	0.32	<2
29748		4420	3.84	10	<1	0.02	<10	1.63	476	<1	0.01	72	80	<2	0.68	<2
29749		1175	2.57	<10	<1	0.01	<10	0.92	254	<1	0.01	43	50	<2	0.19	<2
29750		1170	0.89	<10	<1	0.03	<10	0.27	132	<1	<0.01	9	10	<2	0.13	<2
29751		32	2.34	<10	<1	0.11	<10	0.84	389	<1	0.02	14	220	<2	0.02	<2
29752		1690	0.85	<10	<1	0.03	<10	0.08	57	<1	0.01	11	30	12	0.33	<2
29753		199	0.42	<10	<1	0.01	<10	0.06	45	<1	<0.01	2	10	10	0.05	<2
29754		225	0.78	<10	<1	0.01	<10	0.01	47	<1	<0.01	24	<10	5	0.45	<2
29755		37	1.96	<10	<1	0.10	<10	0.67	307	<1	0.04	9	400	2	0.04	<2
29756		62	1.32	<10	<1	0.25	<10	0.27	125	<1	<0.01	13	20	<2	0.25	<2
29757		286	1.68	<10	<1	0.07	<10	0.09	161	<1	<0.01	69	10	<2	0.82	<2
29758		1170	7.36	<10	<1	0.59	<10	0.62	850	<1	0.01	357	80	<2	4.40	<2
29759		113	2.81	<10	<1	0.09	<10	0.47	327	<1	0.11	8	690	<2	0.17	<2
29760		105	3.55	10	<1	0.09	<10	1.07	456	<1	0.07	16	350	<2	0.04	<2
29761		231	2.42	<10	<1	0.05	<10	0.25	126	<1	0.01	18	60	<2	0.03	<2
29762		128	2.07	<10	<1	0.06	<10	0.49	304	1	0.08	35	360	<2	0.13	<2
29763		12	1.81	10	<1	0.23	10	0.43	202	<1	0.06	2	280	2	0.02	<2
29764		79	2.21	<10	<1	0.15	<10	0.81	256	<1	0.10	25	370	<2	0.02	<2
29765		83	2.03	<10	1	0.07	<10	0.46	229	<1	0.09	6	450	<2	0.03	<2
29766		12	0.48	<10	<1	0.02	10	0.05	57	<1	0.05	1	40	2	0.03	<2
29767		46	0.54	<10	<1	0.01	10	0.05	79	<1	0.05	3	40	2	0.09	<2
29768		5	0.31	<10	<1	0.04	<10	0.02	34	<1	0.04	1	30	<2	0.05	<2
29769		122	7.05	20	<1	3.43	<10	3.33	1485	<1	0.06	66	480	<2	0.10	<2
29770		12	0.44	<10	<1	0.01	<10	0.03	143	<1	<0.01	7	20	<2	<0.01	<2
29771		12	1.22	<10	<1	0.05	10	0.17	706	9	0.04	3	290	3	0.82	<2
29772		20	3.55	<10	<1	0.08	10	0.28	255	<1	0.03	11	140	<2	2.91	<2
29773		9	1.22	<10	<1	0.04	10	0.15	714	<1	0.04	3	340	2	0.84	<2
29774		14	1.46	<10	<1	0.13	<10	0.43	193	<1	<0.01	5	80	<2	0.04	<2
29775		180	4.47	<10	<1	0.44	<10	0.48	245	<1	0.01	19	130	2	2.96	<2
29776		111	6.61	10	<1	0.38	<10	2.11	1095	<1	0.02	20	470	<2	0.31	<2
29777		234	3.97	10	<1	0.10	<10	0.75	310	<1	0.01	14	210	<2	1.27	<2
29778		4	1.67	<10	<1	0.63	10	0.63	236	<1	0.03	7	260	<2	<0.01	<2
29779		12	0.49	<10	<1	0.02	10	0.05	35	<1	0.05	2	20	3	0.01	<2
29780		15	0.66	<10	<1	0.03	<10	0.04	35	<1	<0.01	2	20	<2	0.14	<2
29781		6	1.08	<10	<1	0.19	10	0.20	197	<1	0.03	3	130	<2	0.02	<2
29782		24	0.60	<10	<1	0.02	10	0.11	88	<1	0.04	2	30	2	0.01	<2
29783		24	0.59	<10	<1	0.03	<10	0.08	52	<1	0.01	4	40	<2	0.02	<2
29784		97	1.63	<10	<1	0.06	<10	0.35	305	<1	0.07	28	330	<2	0.07	<2
29785		65	0.76	<10	<1	0.08	<10	0.11	59	22	0.05	3	60	3	0.01	<2
29786		36	1.92	<10	<1	0.06	<10	0.72	304	<1	0.02	35	100	3	0.03	<2

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	1	20	0.01	10	10	1	10	2	0.001
29747		3	2	<20	0.04	<10	<10	44	<10	21	
29748		6	4	<20	0.05	<10	<10	68	<10	62	
29749		3	2	<20	0.04	<10	<10	43	<10	25	
29750		2	1	<20	0.01	<10	<10	14	<10	13	
29751		3	6	<20	0.06	<10	<10	30	<10	41	
29752		<1	2	<20	0.01	<10	<10	4	<10	41	
29753		<1	2	<20	<0.01	<10	<10	3	<10	6	
29754		<1	1	<20	<0.01	<10	<10	1	<10	<2	
29755		2	13	<20	0.08	<10	<10	30	<10	36	
29756		2	2	<20	0.04	<10	<10	17	<10	18	
29757		1	3	<20	0.01	<10	<10	5	<10	6	
29758		6	16	<20	0.09	<10	<10	36	<10	48	
29759		8	5	<20	0.13	<10	<10	92	<10	34	
29760		7	6	<20	0.12	<10	<10	100	<10	72	
29761		2	2	<20	0.03	<10	<10	29	<10	18	
29762		6	11	<20	0.15	<10	<10	58	<10	29	
29763		2	7	<20	0.09	<10	<10	22	<10	40	
29764		6	5	<20	0.11	<10	<10	56	<10	25	
29765		6	4	<20	0.09	<10	<10	58	<10	18	
29766		<1	4	<20	<0.01	<10	<10	2	<10	7	
29767		1	5	<20	<0.01	<10	<10	4	<10	3	
29768		<1	1	<20	<0.01	<10	<10	1	<10	2	
29769		36	17	<20	0.46	<10	<10	334	<10	114	
29770		1	2	<20	<0.01	<10	<10	3	<10	2	
29771		2	31	<20	0.02	<10	<10	12	<10	9	
29772		2	13	<20	0.05	<10	<10	26	<10	16	
29773		1	32	<20	0.01	<10	<10	12	<10	8	
29774		4	3	<20	0.05	<10	<10	41	<10	24	
29775		4	5	<20	0.09	<10	<10	56	<10	30	
29776		16	41	<20	0.09	<10	<10	143	<10	91	
29777		6	6	<20	0.08	<10	<10	66	<10	41	
29778		2	8	<20	0.10	<10	<10	24	<10	41	
29779		1	5	<20	<0.01	<10	<10	4	<10	3	
29780		1	2	<20	0.01	<10	<10	5	<10	3	
29781		1	5	<20	0.04	<10	<10	5	<10	18	
29782		1	5	<20	0.01	<10	<10	7	<10	5	
29783		1	3	<20	0.01	<10	<10	6	<10	4	
29784		4	12	<20	0.16	<10	<10	43	<10	18	
29785		1	3	<20	0.02	<10	<10	7	<10	5	
29786		4	6	<20	0.05	<10	<10	42	<10	36	

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method	WEI-21	Au-GRA22	Au-GRA22	Au-ICP22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au Check	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr
	Units	kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	.02	0.05	0.05	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1
29787		1.63			0.002	0.2	0.19	<2	<10	30	<0.5	<2	0.17	<0.5	1	10
29788		1.66			0.007	0.2	1.11	<2	<10	20	<0.5	2	0.89	<0.5	21	9
29789		1.60			0.002	<0.2	0.20	<2	<10	<10	<0.5	<2	0.22	<0.5	1	8
29790		1.48			0.013	0.5	0.27	<2	<10	<10	<0.5	<2	0.12	<0.5	37	17
29791		1.33			0.126	1.3	0.53	<2	<10	<10	<0.5	<2	1.19	0.5	16	33
29792		1.49			0.010	0.3	2.07	<2	<10	10	<0.5	<2	2.41	<0.5	24	101
29793		1.19			0.089	0.4	0.54	<2	<10	<10	<0.5	2	0.74	<0.5	8	29
29794		1.41			0.007	<0.2	0.39	<2	<10	10	<0.5	<2	0.15	<0.5	3	11
29795		1.12			0.021	0.3	0.05	<2	<10	<10	<0.5	<2	0.33	<0.5	3	19
29796		1.00			0.130	0.2	3.66	<2	<10	30	<0.5	<2	4.24	<0.5	37	134
29797		1.10			0.017	0.2	0.47	<2	<10	10	<0.5	<2	0.14	<0.5	17	27
29798		2.27			0.005	<0.2	2.37	2	<10	30	<0.5	<2	0.99	<0.5	29	89
29799		1.16			0.197	1.2	0.41	<2	<10	<10	<0.5	<2	0.06	<0.5	157	19
29800		1.67			0.003	<0.2	0.69	<2	<10	<10	<0.5	<2	2.54	<0.5	29	38

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
29787		32	0.68	<10	<1	0.07	10	0.04	57	<1	0.04	1	60	8	0.13	<2
29788		296	3.36	<10	<1	0.06	<10	0.59	346	<1	0.08	15	660	2	0.48	<2
29789		24	0.23	<10	<1	0.02	10	0.01	59	<1	0.07	1	20	16	0.02	<2
29790		492	2.33	<10	<1	0.02	<10	0.15	92	<1	0.02	84	60	4	1.00	<2
29791		1965	1.46	<10	<1	0.01	<10	0.41	232	<1	0.01	36	110	<2	0.37	<2
29792		170	3.03	<10	<1	0.12	<10	1.58	585	<1	0.03	79	190	<2	0.10	<2
29793		623	1.03	<10	<1	0.01	<10	0.32	205	<1	0.02	22	110	<2	0.08	<2
29794		76	0.92	<10	<1	0.03	<10	0.18	133	<1	0.06	3	100	4	0.02	<2
29795		6	0.59	<10	<1	0.01	<10	0.03	55	6	<0.01	4	<10	8	0.23	<2
29796		104	6.41	10	<1	0.33	<10	2.33	769	3	0.03	86	460	6	0.36	<2
29797		265	1.50	<10	<1	0.02	<10	0.30	143	<1	0.02	51	20	12	0.37	<2
29798		135	3.86	<10	<1	0.04	<10	1.51	755	<1	0.09	82	190	<2	0.09	<2
29799		4270	5.85	<10	<1	0.03	<10	0.18	86	<1	0.03	478	20	3	4.00	<2
29800		241	1.92	<10	<1	0.03	<10	0.48	318	<1	0.01	76	20	<2	0.48	<2

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 19-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229291

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	1	20	0.01	10	10	1	10	2	0.001
29787		<1	4	<20	0.01	<10	<10	1	<10	10	
29788		7	5	<20	0.16	<10	<10	98	<10	36	
29789		4	7	30	0.01	<10	<10	3	<10	3	
29790		2	1	<20	0.02	<10	<10	13	<10	9	
29791		1	3	<20	0.03	<10	<10	15	<10	38	
29792		4	13	<20	0.15	<10	<10	66	<10	36	
29793		2	5	<20	0.06	<10	<10	15	<10	17	
29794		3	2	<20	0.03	<10	<10	17	<10	14	
29795		<1	2	<20	<0.01	<10	<10	1	<10	18	
29796		19	19	<20	0.11	<10	<10	225	<10	88	
29797		2	2	<20	0.02	<10	<10	14	<10	12	
29798		6	5	<20	0.16	<10	<10	62	<10	51	
29799		1	2	<20	0.01	<10	<10	7	<10	19	
29800		2	5	<20	<0.01	<10	<10	20	<10	10	

Comments: An additional Au-GRA22 check assay for sample 29506 report 1.51 ppm. An additional Au-ICP22 check assay for sample 29752 report 4.8 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 2-DEC-2011
This copy reported on
5-DEC-2011
Account: PJV

CERTIFICATE TB11229292

Project: ST. ANTHONY

P.O. No.:

This report is for 94 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 2-NOV-2011.

The following have access to data associated with this certificate:

GRAEME EVANS ACCOUNTS PAYABLE	PERRY HEATHERINGTON	ALASDAIR MOWAT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

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: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 2-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229292

Sample Description	Method	WEI-21	Au-GRA22	Au-GRA22	Au-ICP22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au Check	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr
	Units	kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.05	0.05	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1
29601		2.00			0.555	1.7	3.78	<2	<10	40	<0.5	2	6.35	<0.5	29	133
29602		2.36	1.93		1.765	5.5	4.33	4	<10	20	<0.5	3	6.8	0.5	39	179
29603		2.03			0.146	0.7	3.04	5	<10	30	<0.5	2	4.26	<0.5	30	124
29604		2.14			0.451	1.0	3.53	<2	<10	40	<0.5	14	3.55	<0.5	33	160
29605		2.59	4.13		4.01	4.5	2.28	<2	<10	20	<0.5	19	3.51	<0.5	36	88
29606		2.56			0.407	0.5	4.46	<2	<10	60	<0.5	<2	4.28	<0.5	41	171
29607		2.13	18.10		>10.0	33.0	4.28	2	<10	50	<0.5	19	4.17	<0.5	36	161
29608		1.63	7.82		5.67	11.8	4.67	<2	<10	40	<0.5	2	0.54	<0.5	45	206
29609		1.43			0.427	1.4	2.63	<2	<10	30	<0.5	<2	5.33	<0.5	30	124
29610		2.06			0.292	1.1	3.18	2	<10	30	<0.5	<2	7.01	<0.5	35	134
29611		1.22			0.352	0.8	4.28	<2	<10	40	<0.5	<2	6.76	<0.5	45	188
29612		1.16			0.369	0.9	4.27	2	<10	40	<0.5	<2	4.39	<0.5	38	181
29613		1.43	10.70		>10.0	27.8	2.75	<2	<10	30	<0.5	<2	4.36	<0.5	21	115
29614		1.21			0.934	3.6	3.16	<2	<10	30	<0.5	<2	0.28	<0.5	32	117
29615		1.85			0.845	2.0	1.59	<2	<10	20	<0.5	5	0.21	<0.5	16	62
29616		1.24			0.457	1.5	4.72	<2	<10	40	<0.5	<2	3.92	<0.5	47	191
29617		1.58	2.33		2.66	5.5	3.86	<2	<10	30	<0.5	<2	5.09	<0.5	37	151
29618		1.65			0.628	1.2	4.04	<2	<10	30	<0.5	2	2.08	<0.5	39	164
29619		1.43	2.33		2.04	4.8	1.12	<2	<10	10	<0.5	2	0.33	<0.5	16	52
29620		1.56	1.67		1.550	3.9	0.95	<2	<10	10	<0.5	18	0.13	<0.5	12	40
29621		1.65			0.105	0.5	2.38	<2	<10	20	<0.5	<2	3.78	<0.5	22	83
29622		1.36			0.072	0.2	2.15	<2	<10	40	<0.5	<2	1.00	<0.5	28	121
29623		2.57			0.054	0.2	1.64	<2	<10	30	<0.5	<2	2.09	<0.5	25	100
29624		1.58			0.039	<0.2	1.60	<2	<10	70	<0.5	<2	1.54	<0.5	23	106
29625		1.23			0.758	3.0	3.38	2	<10	20	<0.5	2	0.29	<0.5	30	141
29626		1.22	5.23	4.54	4.20	7.8	0.92	<2	<10	10	<0.5	2	0.14	<0.5	7	32
29627		0.90	4.49	5.66	3.67	9.4	3.68	<2	<10	30	<0.5	2	2.35	0.5	28	121
29628		1.28	5.51	4.83	4.86	16.6	2.48	<2	<10	30	<0.5	2	2.65	<0.5	19	98
29629		1.30	16.20		>10.0	27.7	2.55	<2	<10	20	<0.5	42	1.18	<0.5	33	105
29630		1.35	1.89		1.700	4.4	4.17	2	<10	20	<0.5	4	4.86	<0.5	48	167
29631		1.32			0.193	0.4	0.43	<2	<10	20	<0.5	<2	0.57	<0.5	5	8
29632		1.05			0.102	0.3	0.72	<2	<10	40	<0.5	<2	0.40	<0.5	7	17
29633		1.68			0.930	<0.2	1.59	<2	<10	40	<0.5	<2	0.53	<0.5	19	73
29634		1.31			0.026	0.2	1.71	<2	<10	40	<0.5	<2	1.71	<0.5	23	101
29635		1.89			0.196	<0.2	2.59	<2	<10	100	<0.5	<2	1.41	<0.5	31	151
29636		1.86			0.016	0.2	1.05	<2	<10	80	<0.5	<2	0.20	<0.5	8	8
29637		1.49			0.035	0.6	2.16	<2	<10	20	<0.5	<2	0.62	<0.5	25	54
29638		1.05			0.070	0.2	3.74	<2	<10	20	<0.5	<2	0.45	<0.5	35	156
29639		1.23			0.005	<0.2	0.10	<2	<10	<10	<0.5	<2	0.04	<0.5	2	15
29640		1.91			0.008	<0.2	2.03	<2	<10	20	<0.5	<2	0.32	<0.5	19	95

Comments: Additional Au-GRA22 duplicate result for sample 29608 is 6.03 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 2-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229292

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
29601		170	5.77	10	1	1.21	<10	3.24	1285	13	0.01	96	250	2	0.85	2
29602		292	6.52	10	<1	1.00	<10	3.75	1315	12	0.01	115	250	3	1.12	2
29603		64	4.61	10	<1	1.05	<10	2.39	844	<1	0.03	75	300	4	0.61	2
29604		120	5.76	10	<1	1.38	<10	2.85	1030	<1	0.01	105	220	3	0.74	2
29605		36	4.78	10	1	0.41	<10	1.98	779	1	0.02	81	140	5	2.12	<2
29606		109	6.66	10	1	1.97	<10	3.73	1360	1	0.02	120	260	<2	0.35	<2
29607		156	6.37	10	1	1.39	<10	3.67	1210	5	0.02	121	260	3	0.35	<2
29608		141	7.60	10	1	1.19	<10	4.04	1290	1	0.02	151	290	<2	0.10	<2
29609		89	4.34	10	1	0.94	<10	2.10	892	<1	0.02	82	130	<2	0.64	<2
29610		97	5.29	10	1	1.19	<10	2.52	1190	1	0.02	102	220	<2	0.70	<2
29611		123	6.62	10	1	1.63	<10	3.47	1340	<1	0.02	121	230	<2	0.89	<2
29612		79	6.64	10	1	1.38	<10	3.54	1260	<1	0.02	126	240	<2	0.52	<2
29613		131	4.35	10	1	0.82	<10	2.38	880	1	0.02	108	150	4	0.61	<2
29614		118	5.28	10	<1	0.49	<10	2.89	1020	4	0.01	105	190	<2	0.10	<2
29615		37	2.78	<10	1	0.30	<10	1.38	525	2	0.01	51	90	<2	0.14	<2
29616		217	7.04	10	1	1.30	<10	3.95	1400	1	0.02	149	260	<2	0.29	<2
29617		204	6.04	10	1	1.01	<10	3.29	1190	2	0.02	116	210	4	0.86	<2
29618		150	6.25	10	1	0.98	<10	3.56	1150	1	0.02	128	250	<2	0.43	<2
29619		21	2.26	<10	<1	0.08	<10	0.99	308	1	0.01	43	100	<2	0.41	<2
29620		11	1.93	<10	<1	0.08	<10	0.81	288	2	0.01	36	80	<2	0.33	<2
29621		86	3.60	<10	<1	0.31	10	1.79	976	11	0.04	65	440	2	0.28	<2
29622		103	3.28	<10	<1	0.29	<10	1.78	802	<1	0.06	85	270	<2	0.11	<2
29623		114	2.71	<10	1	0.18	<10	1.28	530	<1	0.09	84	230	<2	0.40	<2
29624		132	2.40	<10	1	0.29	<10	1.17	545	<1	0.11	64	270	<2	0.08	<2
29625		120	5.71	10	1	0.59	<10	3.09	702	1	0.02	116	210	<2	0.11	<2
29626		55	1.66	<10	<1	0.05	<10	0.82	341	3	0.02	30	40	2	0.11	<2
29627		158	5.66	10	1	0.42	<10	3.36	1320	3	0.02	117	250	4	0.45	2
29628		122	3.98	10	1	0.59	<10	2.11	886	2	0.02	78	150	3	0.37	<2
29629		156	6.53	10	1	0.35	<10	2.14	773	1	0.02	88	190	5	1.51	<2
29630		95	6.67	10	1	0.17	10	3.63	1400	<1	0.03	133	360	<2	1.42	<2
29631		22	0.72	<10	1	0.10	10	0.21	119	<1	0.04	4	100	3	0.13	<2
29632		53	1.35	<10	<1	0.13	10	0.44	189	<1	0.04	8	280	4	0.20	<2
29633		96	2.45	<10	1	0.31	<10	1.12	594	<1	0.06	51	310	<2	0.08	<2
29634		66	2.61	<10	1	0.23	<10	1.27	530	<1	0.11	74	270	<2	0.11	<2
29635		65	4.03	10	1	0.49	<10	2.05	914	<1	0.05	79	390	<2	0.24	<2
29636		37	1.52	<10	<1	0.56	10	0.59	129	<1	0.07	9	290	<2	0.02	<2
29637		438	3.92	10	<1	0.18	<10	1.66	737	<1	0.03	54	280	<2	0.14	<2
29638		293	5.97	10	1	0.28	10	3.26	1020	<1	0.02	102	280	2	0.06	<2
29639		12	0.34	<10	<1	0.02	<10	0.06	40	<1	0.02	3	10	<2	0.02	<2
29640		37	3.15	10	1	0.10	<10	1.64	560	<1	0.04	58	110	4	0.08	<2

Comments: Additional Au-GRA22 duplicate result for sample 29608 is 6.03 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 2-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229292

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	1	20	0.01	10	10	1	10	2	0.001
29601		9	67	<20	0.18	<10	<10	96	240	132	
29602		11	84	<20	0.16	<10	<10	117	30	124	
29603		9	48	<20	0.17	<10	<10	98	<10	69	
29604		9	37	<20	0.21	<10	<10	114	<10	96	
29605		4	34	<20	0.08	<10	<10	48	<10	89	
29606		11	49	<20	0.26	<10	<10	150	<10	143	
29607		11	32	<20	0.21	<10	<10	123	40	147	
29608		11	9	<20	0.22	<10	<10	135	10	129	
29609		6	46	<20	0.14	<10	<10	82	<10	62	
29610		8	79	<20	0.18	<10	<10	92	50	75	
29611		12	68	<20	0.24	<10	<10	126	<10	104	
29612		11	47	<20	0.22	<10	<10	120	30	110	
29613		6	39	<20	0.14	<10	<10	63	<10	94	
29614		6	6	<20	0.13	<10	<10	80	50	127	
29615		3	4	<20	0.07	<10	<10	42	<10	60	
29616		11	50	<20	0.20	<10	<10	128	<10	125	
29617		10	57	<20	0.15	<10	<10	99	<10	112	
29618		10	19	<20	0.17	<10	<10	104	<10	135	
29619		2	4	<20	0.04	<10	<10	24	<10	46	
29620		2	2	<20	0.03	<10	<10	20	20	37	
29621		4	28	<20	0.08	<10	<10	54	10	68	
29622		4	17	<20	0.13	<10	<10	63	<10	59	
29623		5	13	<20	0.10	<10	<10	49	<10	41	
29624		5	14	<20	0.13	<10	<10	52	<10	44	
29625		8	6	<20	0.14	<10	<10	85	210	148	
29626		2	3	<20	0.02	<10	<10	18	690	38	
29627		7	29	<20	0.10	<10	<10	75	40	147	
29628		6	32	<20	0.12	<10	<10	65	120	97	
29629		6	16	<20	0.09	<10	<10	61	<10	86	
29630		7	66	<20	0.08	<10	<10	80	<10	155	
29631		1	9	<20	0.02	<10	<10	6	<10	10	
29632		1	9	<20	0.06	<10	<10	19	<10	23	
29633		3	11	<20	0.12	<10	<10	49	<10	67	
29634		5	15	<20	0.13	<10	<10	59	<10	53	
29635		4	12	<20	0.14	<10	<10	79	<10	88	
29636		3	10	<20	0.10	<10	<10	33	<10	23	
29637		7	11	<20	0.14	<10	<10	77	<10	68	
29638		10	11	<20	0.18	<10	<10	145	<10	97	
29639		<1	3	<20	0.01	<10	<10	4	<10	5	
29640		4	9	<20	0.06	<10	<10	56	<10	49	

Comments: Additional Au-GRA22 duplicate result for sample 29608 is 6.03 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 2-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229292

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA22 Au ppm 0.05	Au-GRA22 Au Check ppm 0.05	Au-ICP22 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1
29641		1.60			0.012	0.3	1.21	2	<10	10	<0.5	<2	0.12	<0.5	13	63
29642		1.45			0.006	<0.2	4.36	<2	<10	30	<0.5	<2	1.17	<0.5	45	226
29643		1.10			0.194	1.0	4.16	<2	<10	50	<0.5	<2	1.00	<0.5	32	32
29644		1.34			0.022	0.4	2.59	<2	<10	20	<0.5	<2	0.86	<0.5	21	39
29645		1.64			0.071	0.7	3.58	<2	<10	30	<0.5	<2	3.15	0.5	37	42
29646		1.42			0.013	0.3	0.16	<2	<10	10	<0.5	<2	0.12	<0.5	8	9
29647		1.33			0.584	5.3	0.06	2	<10	<10	<0.5	<2	0.06	0.9	10	10
29648		2.19			0.144	2.8	1.14	2	<10	10	<0.5	<2	0.09	<0.5	13	24
29649		1.37			0.040	0.4	2.72	<2	<10	20	<0.5	<2	1.07	<0.5	36	52
29650		1.08			0.042	0.7	5.03	2	<10	30	<0.5	<2	0.36	<0.5	62	77
29651		0.95			0.005	<0.2	0.08	<2	<10	<10	<0.5	<2	0.04	<0.5	3	15
29652		1.07			0.294	6.7	0.31	<2	<10	<10	<0.5	8	0.10	<0.5	13	24
29653		1.65			0.644	14.5	0.31	2	<10	<10	<0.5	15	0.09	<0.5	18	22
29654		1.55			0.006	0.2	0.36	<2	<10	<10	<0.5	<2	0.07	<0.5	5	30
29655		2.01			0.007	0.2	0.08	<2	<10	<10	<0.5	<2	0.05	<0.5	2	19
29656		1.94			0.004	<0.2	0.21	<2	<10	<10	<0.5	<2	0.09	<0.5	3	25
29657		0.93			0.004	<0.2	0.17	<2	<10	<10	<0.5	<2	0.07	<0.5	3	12
29658		0.69			0.017	<0.2	0.45	<2	<10	<10	<0.5	<2	0.06	<0.5	6	24
29659		1.98			0.011	<0.2	4.58	4	<10	20	<0.5	<2	0.52	<0.5	53	274
31226		1.17			0.047	0.3	2.32	<2	<10	40	<0.5	<2	0.42	<0.5	23	112
31227		1.97			0.021	<0.2	2.05	<2	<10	30	<0.5	<2	0.49	<0.5	20	98
31228		1.84			0.238	0.3	2.23	<2	<10	60	<0.5	<2	1.32	<0.5	23	106
31229		1.17			0.003	<0.2	0.55	<2	<10	20	<0.5	<2	0.35	<0.5	5	35
31230		1.83			0.003	<0.2	2.76	<2	<10	100	<0.5	<2	1.38	<0.5	21	124
31231		1.91			0.012	<0.2	0.61	2	<10	30	<0.5	<2	0.10	<0.5	7	19
31232		1.70			0.006	<0.2	0.54	<2	<10	30	<0.5	<2	0.13	<0.5	5	10
31233		1.94			0.003	<0.2	0.19	<2	<10	<10	<0.5	<2	0.13	<0.5	3	24
31234		1.62			0.002	<0.2	0.08	<2	<10	<10	<0.5	<2	0.10	<0.5	2	17
31235		0.95			0.005	<0.2	0.38	<2	<10	10	<0.5	<2	0.23	<0.5	5	29
31276		1.36			0.013	0.2	0.09	<2	<10	10	<0.5	<2	0.03	<0.5	4	11
31277		1.53			0.004	<0.2	0.29	<2	<10	<10	<0.5	<2	0.06	<0.5	4	17
31278		1.50			0.012	0.2	0.16	<2	<10	<10	<0.5	<2	0.02	<0.5	4	17
31279		1.16			0.023	0.3	4.63	4	<10	10	<0.5	<2	0.29	<0.5	54	260
31280		1.38			0.016	<0.2	4.81	4	<10	30	<0.5	<2	0.61	<0.5	45	260
31281		0.96			0.250	0.3	3.64	<2	<10	30	<0.5	<2	1.42	<0.5	25	136
31282		1.57			0.004	<0.2	0.18	<2	<10	<10	<0.5	<2	1.31	<0.5	3	15
31283		2.00			0.004	<0.2	0.31	<2	<10	10	<0.5	<2	0.17	<0.5	4	28
31284		1.10			0.003	<0.2	0.01	<2	<10	<10	<0.5	<2	0.01	<0.5	<1	16
31285		1.49			0.003	<0.2	0.05	<2	<10	<10	<0.5	<2	0.10	<0.5	1	15
31286		1.26			0.002	<0.2	0.02	<2	<10	<10	<0.5	<2	0.04	<0.5	1	14

Comments: Additional Au-GRA22 duplicate result for sample 29608 is 6.03 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 2-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229292

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
29641		41	2.11	<10	<1	0.03	<10	1.01	310	1	<0.01	34	60	<2	0.05	<2
29642		107	6.27	10	1	0.56	<10	3.84	1105	1	0.01	124	230	3	0.09	2
29643		322	7.76	10	<1	1.18	10	3.26	1255	1	0.01	47	620	2	0.18	2
29644		145	4.76	10	1	0.31	10	2.06	683	2	0.01	38	330	<2	0.23	<2
29645		220	6.50	10	<1	0.52	10	2.83	1090	2	0.01	53	480	3	0.71	<2
29646		30	0.40	<10	<1	0.04	<10	0.06	40	42	0.03	2	30	3	0.14	<2
29647		>10000	1.96	<10	<1	0.02	<10	0.02	29	<1	0.02	2	10	3	1.25	<2
29648		397	2.26	<10	<1	0.02	<10	0.95	199	<1	0.01	27	30	2	0.35	<2
29649		216	4.99	10	<1	0.17	<10	2.21	906	1	0.03	58	370	<2	0.15	<2
29650		142	8.73	20	<1	0.16	<10	4.05	1440	<1	0.02	95	640	2	0.25	<2
29651		18	0.37	<10	<1	0.01	<10	0.05	47	<1	0.02	2	<10	<2	<0.01	<2
29652		70	1.12	<10	<1	0.02	<10	0.24	91	<1	0.02	10	30	5	0.42	<2
29653		79	1.26	<10	<1	0.01	<10	0.24	93	<1	0.02	10	30	9	0.54	<2
29654		28	0.82	<10	<1	0.01	<10	0.29	111	<1	0.02	11	20	<2	0.01	<2
29655		516	0.37	<10	<1	<0.01	<10	0.06	39	<1	0.02	2	<10	7	0.05	<2
29656		25	0.56	<10	<1	0.01	<10	0.17	69	<1	0.01	7	20	6	<0.01	<2
29657		20	0.48	<10	<1	0.01	<10	0.14	58	<1	0.01	4	10	3	<0.01	<2
29658		11	1.02	<10	<1	0.01	<10	0.36	127	<1	0.01	10	20	7	0.05	<2
29659		80	7.16	10	<1	0.04	<10	3.91	1690	<1	0.02	135	370	12	0.07	<2
31226		24	3.97	10	<1	0.51	<10	1.99	779	<1	0.02	67	130	2	0.09	<2
31227		13	3.65	10	<1	0.25	<10	1.76	781	<1	0.02	59	160	2	0.07	<2
31228		355	3.82	10	<1	0.71	<10	1.78	788	<1	0.02	61	130	3	0.23	2
31229		4	1.06	<10	<1	0.19	<10	0.44	175	<1	0.02	16	40	<2	0.01	<2
31230		20	3.98	10	<1	1.33	<10	2.10	753	<1	0.05	72	130	2	0.06	<2
31231		6	0.87	<10	<1	0.17	<10	0.39	142	2	0.05	9	90	2	0.02	<2
31232		4	0.76	<10	<1	0.23	10	0.28	90	<1	0.05	4	160	2	0.03	<2
31233		4	0.53	<10	<1	0.01	<10	0.16	81	<1	0.02	6	30	<2	<0.01	<2
31234		4	0.32	<10	<1	0.01	<10	0.06	46	<1	0.01	3	10	<2	<0.01	<2
31235		8	0.90	<10	<1	0.05	<10	0.33	169	<1	0.02	11	40	<2	<0.01	<2
31276		73	0.41	<10	<1	0.02	<10	0.02	32	<1	0.05	1	20	<2	0.02	<2
31277		16	0.70	<10	<1	0.01	<10	0.22	73	<1	0.02	6	10	<2	<0.01	<2
31278		210	0.55	<10	<1	0.01	<10	0.13	52	<1	0.02	4	<10	2	0.05	<2
31279		145	7.52	10	<1	0.04	<10	4.06	1340	<1	0.03	151	280	2	0.25	<2
31280		118	7.12	10	<1	0.30	<10	4.36	1400	<1	0.03	150	260	<2	0.07	<2
31281		35	6.02	10	<1	0.43	<10	3.03	893	1	0.02	89	180	<2	0.07	<2
31282		10	0.47	<10	<1	0.01	<10	0.13	142	<1	0.02	4	10	<2	0.01	<2
31283		19	0.76	<10	<1	0.05	<10	0.23	99	<1	<0.01	13	20	2	0.01	<2
31284		2	0.22	<10	<1	<0.01	<10	<0.01	22	<1	<0.01	1	<10	<2	<0.01	<2
31285		11	0.24	<10	<1	0.02	<10	0.01	25	<1	0.02	1	<10	<2	0.01	<2
31286		3	0.31	<10	<1	0.01	<10	0.01	33	<1	0.01	1	<10	<2	<0.01	<2

Comments: Additional Au-GRA22 duplicate result for sample 29608 is 6.03 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 2-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229292

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	1	20	0.01	10	10	1	10	2	0.001
29641		3	5	<20	0.04	<10	<10	35	<10	35	
29642		9	18	<20	0.17	<10	<10	160	<10	97	
29643		14	20	<20	0.34	<10	<10	225	<10	135	
29644		8	13	<20	0.16	<10	<10	102	<10	87	
29645		10	41	<20	0.19	<10	<10	133	<10	123	
29646		<1	5	<20	0.01	<10	<10	4	<10	3	
29647		<1	<1	<20	<0.01	<10	<10	2	<10	25	1.870
29648		2	<1	<20	0.01	<10	<10	31	<10	42	
29649		8	14	<20	0.16	<10	<10	106	10	95	
29650		12	6	<20	0.17	<10	<10	143	10	169	
29651		<1	<1	<20	<0.01	<10	<10	3	<10	2	
29652		1	1	<20	0.01	<10	<10	11	<10	10	
29653		1	1	<20	0.01	<10	<10	11	<10	10	
29654		1	<1	<20	0.01	<10	<10	14	<10	14	
29655		<1	<1	<20	<0.01	<10	<10	4	<10	4	
29656		1	<1	<20	0.01	<10	<10	8	<10	13	
29657		<1	<1	<20	<0.01	<10	<10	7	<10	10	
29658		1	<1	<20	0.01	<10	<10	17	<10	22	
29659		8	8	<20	0.12	<10	<10	170	<10	138	
31226		5	17	<20	0.12	<10	<10	86	<10	92	
31227		5	10	<20	0.11	<10	<10	72	<10	77	
31228		6	12	<20	0.15	<10	<10	82	<10	90	
31229		1	4	<20	0.04	<10	<10	22	<10	22	
31230		5	18	<20	0.20	<10	<10	99	<10	92	
31231		1	6	<20	0.02	<10	<10	17	<10	19	
31232		1	5	<20	0.04	<10	<10	11	<10	16	
31233		1	2	<20	0.01	<10	<10	8	<10	7	
31234		<1	1	<20	<0.01	<10	<10	3	<10	2	
31235		1	2	<20	0.02	<10	<10	19	<10	15	
31276		<1	1	<20	<0.01	<10	<10	2	<10	<2	
31277		1	1	<20	<0.01	<10	<10	8	<10	10	
31278		<1	<1	<20	<0.01	<10	<10	6	<10	8	
31279		8	9	<20	0.08	<10	<10	144	<10	132	
31280		6	18	<20	0.21	<10	<10	165	<10	117	
31281		11	8	<20	0.12	<10	<10	145	<10	125	
31282		1	5	<20	<0.01	<10	<10	6	<10	5	
31283		1	2	<20	0.01	<10	<10	14	<10	14	
31284		<1	1	<20	<0.01	<10	<10	<1	<10	<2	
31285		<1	2	<20	<0.01	<10	<10	1	<10	<2	
31286		<1	1	<20	<0.01	<10	<10	1	<10	<2	

Comments: Additional Au-GRA22 duplicate result for sample 29608 is 6.03 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 2-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229292

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA22 Au ppm 0.05	Au-GRA22 Au Check ppm 0.05	Au-ICP22 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1
31287		1.15			0.003	<0.2	0.14	<2	<10	<10	<0.5	<2	0.06	<0.5	1	15
31288		1.28			0.050	<0.2	0.61	<2	<10	10	<0.5	<2	0.10	<0.5	6	39
31289		1.14			0.057	0.6	3.60	<2	<10	20	<0.5	2	3.26	<0.5	35	186
31290		1.20			0.871	0.9	3.92	<2	<10	50	<0.5	<2	0.90	<0.5	37	197
31291		1.31			0.006	<0.2	0.65	<2	<10	10	<0.5	<2	0.15	<0.5	7	42
31292		1.41			0.008	<0.2	0.04	<2	<10	<10	<0.5	<2	0.02	<0.5	1	21
31293		1.72			0.002	<0.2	0.22	<2	<10	<10	<0.5	2	0.03	<0.5	1	15
31294		1.79			0.014	<0.2	1.41	<2	<10	20	<0.5	2	0.44	<0.5	15	76
31295		1.59			0.010	<0.2	1.13	<2	<10	20	<0.5	2	0.36	<0.5	10	57
31296		1.27			0.193	0.6	3.54	<2	<10	40	<0.5	<2	2.35	<0.5	32	168
31297		1.76			0.012	0.2	1.27	<2	<10	30	<0.5	<2	0.25	<0.5	11	59
31298		2.12			0.005	<0.2	0.19	<2	<10	<10	<0.5	<2	0.25	<0.5	2	22
31299		1.19			0.012	<0.2	2.01	<2	<10	10	<0.5	2	0.46	<0.5	23	136
31300		1.15			0.003	<0.2	0.03	<2	<10	<10	<0.5	<2	0.14	<0.5	1	17

Comments: Additional Au-GRA22 duplicate result for sample 29608 is 6.03 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 2-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229292

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
31287		6	0.41	<10	<1	0.01	<10	0.10	47	<1	0.01	3	<10	<2	<0.01	<2
31288		8	1.22	<10	<1	0.15	<10	0.44	191	<1	<0.01	18	30	<2	0.01	<2
31289		196	5.85	10	1	0.80	<10	3.13	1175	<1	0.01	106	210	<2	0.34	<2
31290		69	6.08	10	1	1.18	<10	3.30	1095	<1	0.02	112	220	3	0.19	<2
31291		7	1.39	<10	<1	0.12	<10	0.54	198	<1	0.01	21	40	<2	0.04	<2
31292		1	0.28	<10	<1	0.01	<10	0.03	35	<1	<0.01	1	<10	<2	<0.01	<2
31293		2	0.53	<10	<1	0.01	<10	0.17	46	<1	0.01	4	<10	<2	<0.01	<2
31294		13	2.74	10	<1	0.25	<10	1.18	511	<1	0.01	46	90	5	0.09	<2
31295		31	2.06	<10	<1	0.36	<10	0.92	355	<1	0.01	34	60	5	0.04	<2
31296		91	5.51	10	<1	1.31	<10	2.98	1105	<1	0.01	99	180	4	0.18	<2
31297		8	2.25	<10	<1	0.44	<10	0.96	360	<1	0.02	36	110	3	0.06	<2
31298		2	0.55	<10	<1	0.02	<10	0.16	82	<1	<0.01	7	10	<2	<0.01	<2
31299		35	3.85	10	<1	0.08	<10	1.84	686	<1	0.01	71	130	<2	0.13	<2
31300		2	0.29	<10	<1	<0.01	<10	0.02	39	<1	<0.01	2	10	<2	<0.01	<2

Comments: Additional Au-GRA22 duplicate result for sample 29608 is 6.03 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 2-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229292

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
	Analyte	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Cu
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
	LOR	1	1	20	0.01	10	10	1	10	2	0.001
31287		<1	1	<20	<0.01	<10	<10	3	<10	5	
31288		2	2	<20	0.04	<10	<10	29	<10	21	
31289		4	28	<20	0.13	<10	<10	126	<10	94	
31290		7	14	<20	0.20	<10	<10	147	<10	108	
31291		2	3	<20	0.03	<10	<10	24	<10	25	
31292		<1	<1	<20	<0.01	<10	<10	2	<10	<2	
31293		<1	1	<20	<0.01	<10	<10	5	<10	8	
31294		3	8	<20	0.09	<10	<10	53	<10	60	
31295		3	4	<20	0.07	<10	<10	41	<10	47	
31296		7	25	<20	0.19	<10	<10	127	<10	117	
31297		3	7	<20	0.08	<10	<10	47	<10	46	
31298		<1	2	<20	0.01	<10	<10	6	<10	8	
31299		9	5	<20	0.13	<10	<10	92	<10	77	
31300		<1	2	<20	<0.01	<10	<10	1	<10	<2	

Comments: Additional Au-GRA22 duplicate result for sample 29608 is 6.03 ppm.

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
This copy reported on
19-DEC-2011
Account: PJV

CERTIFICATE TB11229293

Project: ST. ANTHONY

P.O. No.:

This report is for 135 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 2-NOV-2011.

The following have access to data associated with this certificate:

GRAEME EVANS ACCOUNTS PAYABLE	PERRY HEATHERINGTON	ALASDAIR MOWAT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

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: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229293

Sample Description	Method	WEI-21	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	.02	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
E180301		2.16		0.5	0.68	<2	<10	10	<0.5	12	0.23	<0.5	15	21	1505	2.09
E180302		2.45		0.6	2.55	<2	<10	100	<0.5	<2	1.02	<0.5	54	11	1065	6.97
E180303		2.75		<0.2	0.67	<2	<10	20	<0.5	<2	0.25	<0.5	7	18	80	1.69
E180304		1.66		<0.2	1.73	10	<10	20	<0.5	<2	0.47	<0.5	23	51	190	4.25
E180305		2.53		0.4	0.48	<2	<10	10	<0.5	<2	0.89	<0.5	7	35	835	1.22
E180306		2.06		1.0	0.17	4	<10	10	<0.5	<2	1.16	0.5	3	13	1985	0.92
E180307		1.98		0.2	1.96	7	<10	50	<0.5	<2	0.74	<0.5	9	6	33	2.92
E180308		1.33		<0.2	1.59	40	<10	20	<0.5	<2	5.83	<0.5	16	4	49	9.01
E180309		2.09		1.2	2.13	4	<10	20	<0.5	<2	0.03	<0.5	41	7	393	19.5
E180310		3.27		<0.2	2.33	<2	<10	130	<0.5	<2	1.09	<0.5	13	24	37	3.32
E180311		1.19		<0.2	0.04	2	<10	10	<0.5	<2	0.27	<0.5	1	13	9	0.31
E180312		2.20		<0.2	0.93	3	<10	10	<0.5	<2	13.3	<0.5	27	39	344	2.73
E180313		1.87		<0.2	3.57	<2	<10	20	<0.5	<2	1.26	<0.5	27	185	82	4.22
E180314		3.39	1.62	4.0	0.92	<2	<10	20	<0.5	3	4.25	<0.5	22	28	116	3.90
E180315		2.65		1.1	1.45	2	<10	30	<0.5	<2	4.94	<0.5	33	44	91	6.19
E180316		1.83		1.5	1.35	2	<10	20	<0.5	2	1.12	<0.5	12	57	21	2.68
E180317		2.94	30.1	67.8	0.38	<2	<10	20	<0.5	121	2.00	<0.5	19	18	6	2.37
E180318		1.72		0.3	1.12	<2	<10	20	<0.5	5	0.79	<0.5	23	42	188	2.24
E180319		2.06		0.2	3.47	<2	<10	30	<0.5	<2	0.27	<0.5	36	213	206	5.96
E180320		3.51		<0.2	0.71	<2	<10	20	<0.5	<2	0.71	<0.5	12	60	74	1.66
E180321		2.29		0.2	5.06	<2	<10	10	<0.5	<2	0.75	<0.5	51	276	281	7.77
E180322		2.05		<0.2	0.47	<2	<10	<10	<0.5	<2	0.44	<0.5	11	44	78	1.29
E180323		1.42		<0.2	0.92	<2	<10	50	<0.5	<2	0.73	<0.5	7	10	22	1.72
E180324		1.32		<0.2	0.14	<2	<10	20	<0.5	<2	0.05	<0.5	1	9	6	0.33
E180325		2.33		0.2	0.61	<2	<10	10	<0.5	<2	0.48	<0.5	8	12	61	1.40
E180326		2.61	58.1	>100	0.23	<2	<10	<10	<0.5	97	0.18	<0.5	6	21	3	1.24
E180327		2.41	9.63	16.2	0.59	2	<10	10	<0.5	12	0.80	<0.5	19	22	3	2.91
E180328		Listed, NR														
31201		1.35		1.7	2.57	<2	<10	10	<0.5	<2	3.02	<0.5	118	22	1110	10.90
31202		0.71		<0.2	4.00	<2	<10	10	<0.5	<2	1.84	<0.5	37	247	98	5.78
31203		1.73		0.3	3.81	3	<10	230	<0.5	<2	7.46	<0.5	39	314	75	6.42
31204		1.35		0.3	4.79	7	<10	120	<0.5	<2	2.57	<0.5	42	250	229	6.80
31205		0.42		0.2	3.55	4	<10	30	<0.5	<2	0.78	<0.5	30	234	59	4.62
31206		1.75		0.2	2.52	6	<10	10	<0.5	<2	3.54	<0.5	34	86	115	4.03
31207		0.25		<0.2	1.87	2	<10	30	<0.5	<2	1.24	<0.5	17	102	78	2.40
31208		1.01		<0.2	3.81	<2	<10	20	<0.5	<2	0.59	<0.5	40	52	132	6.96
31209		1.21		<0.2	3.14	2	<10	10	<0.5	<2	1.70	<0.5	33	178	212	5.87
31210		1.64		<0.2	0.32	3	<10	<10	<0.5	<2	0.29	<0.5	5	27	23	0.78
31211		1.15		3.4	0.39	2	<10	10	<0.5	<2	1.71	<0.5	7	23	444	1.15
31212		1.13		0.3	3.26	5	<10	10	<0.5	<2	2.20	<0.5	37	158	128	5.34

Comments: Au additional Au-GRA22 check assay for sample 31303 is 4.29 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229293

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
E180301		<10	1	0.02	<10	0.48	164	<1	0.02	15	70	<2	0.62	<2	2	3
E180302		10	<1	0.42	<10	1.69	457	<1	0.09	33	530	<2	2.08	<2	10	8
E180303		<10	1	0.01	<10	0.48	188	<1	0.03	14	50	<2	0.12	<2	3	2
E180304		10	1	0.01	<10	0.96	487	<1	0.02	31	1140	<2	0.16	<2	4	4
E180305		<10	<1	0.01	<10	0.33	229	<1	0.01	16	60	<2	0.11	<2	1	2
E180306		<10	<1	0.01	<10	0.10	128	<1	0.01	6	10	<2	0.28	<2	1	1
E180307		10	<1	0.25	10	0.65	312	<1	0.15	12	360	6	1.65	<2	1	38
E180308		<10	<1	0.06	<10	1.36	958	<1	0.02	17	230	5	8.96	<2	1	24
E180309		10	1	0.05	<10	1.78	861	<1	0.01	41	190	2	7.07	<2	2	1
E180310		10	<1	0.63	10	0.62	499	<1	0.20	19	370	<2	0.13	<2	6	36
E180311		<10	<1	<0.01	<10	0.02	71	<1	0.01	4	10	<2	0.01	<2	<1	2
E180312		<10	1	0.01	<10	0.66	1320	1	0.03	55	160	<2	0.64	<2	7	47
E180313		10	<1	0.01	<10	2.65	509	<1	0.11	106	210	<2	0.09	<2	4	20
E180314		<10	1	0.12	<10	1.35	1170	12	0.01	47	140	12	0.67	<2	4	82
E180315		<10	1	0.19	<10	1.11	1480	16	0.01	83	240	5	0.46	<2	6	45
E180316		<10	<1	0.07	<10	1.16	454	<1	0.01	42	110	18	0.05	<2	3	12
E180317		<10	1	0.05	<10	0.33	314	50	0.01	22	40	13	1.96	<2	1	20
E180318		<10	<1	0.03	<10	0.41	170	1	0.09	71	120	<2	0.64	<2	2	25
E180319		10	1	0.23	<10	3.00	707	1	0.02	129	190	7	0.68	<2	15	5
E180320		<10	1	0.04	<10	0.58	193	1	0.01	38	40	<2	0.27	<2	3	3
E180321		10	1	0.14	<10	4.48	1075	3	0.01	186	300	11	0.98	2	19	8
E180322		<10	<1	0.03	<10	0.37	133	<1	<0.01	35	30	<2	0.31	<2	2	3
E180323		<10	<1	0.26	10	0.53	242	4	0.02	6	340	5	0.09	<2	1	13
E180324		<10	<1	0.06	<10	0.02	29	<1	0.02	2	50	2	0.03	<2	<1	4
E180325		<10	<1	0.08	10	0.37	124	<1	0.02	5	270	6	0.54	<2	1	10
E180326		<10	<1	0.03	<10	0.18	103	24	<0.01	11	20	27	0.50	<2	<1	2
E180327		<10	<1	0.04	<10	0.52	332	18	<0.01	27	60	3	2.21	<2	1	8
E180328																
31201		10	1	0.04	<10	1.70	977	<1	<0.01	96	640	10	3.84	<2	11	20
31202		10	1	0.02	<10	3.41	1060	<1	0.02	133	190	3	0.08	2	4	10
31203		10	<1	2.76	<10	3.08	1420	<1	0.03	148	180	4	0.84	2	15	18
31204		10	<1	1.10	<10	4.40	988	<1	<0.01	108	290	3	0.31	3	5	10
31205		<10	1	0.02	<10	3.49	806	<1	<0.01	96	140	<2	0.06	2	3	5
31206		<10	<1	0.02	<10	2.12	618	<1	0.01	66	330	<2	0.66	<2	3	19
31207		<10	1	0.06	<10	1.34	446	<1	0.06	74	150	<2	0.04	2	3	13
31208		10	1	0.03	<10	2.87	884	<1	0.02	38	380	<2	0.23	<2	5	14
31209		10	<1	0.02	<10	1.85	852	<1	0.04	88	230	<2	0.57	<2	10	8
31210		<10	<1	0.01	<10	0.20	130	<1	<0.01	20	10	<2	0.04	<2	1	2
31211		<10	<1	0.09	<10	0.27	247	1	<0.01	12	70	2	0.21	<2	2	4
31212		10	1	0.01	<10	2.50	885	<1	<0.01	80	210	2	0.19	<2	5	15

Comments: Au additional Au-GRA22 check assay for sample 31303 is 4.29 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229293

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Cu-OG46	Au-ICP22
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Cu	Au
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
E180301		<20	0.05	<10	<10	19	10	12			0.893
E180302		<20	0.21	<10	<10	122	<10	52			0.013
E180303		<20	0.02	<10	<10	31	<10	17			0.005
E180304		<20	0.12	<10	<10	61	<10	42			0.009
E180305		<20	0.02	<10	<10	14	<10	16			0.032
E180306		<20	<0.01	<10	<10	11	<10	21			0.103
E180307		<20	0.03	<10	<10	7	<10	51			0.016
E180308		<20	<0.01	<10	<10	6	<10	112			0.095
E180309		<20	<0.01	<10	<10	17	<10	45			0.020
E180310		<20	0.13	<10	<10	48	<10	61			0.002
E180311		<20	<0.01	<10	<10	<1	<10	<2			0.004
E180312		<20	0.02	<10	<10	21	<10	17			0.005
E180313		<20	0.06	<10	<10	60	<10	60			0.003
E180314		<20	<0.01	<10	<10	19	<10	66			1.315
E180315		<20	<0.01	<10	<10	29	10	107			0.809
E180316		<20	<0.01	<10	<10	24	<10	48			0.043
E180317		<20	0.01	<10	<10	8	<10	17			>10.0
E180318		<20	0.07	<10	<10	22	<10	15			0.052
E180319		<20	0.13	<10	<10	125	<10	86			0.032
E180320		<20	0.05	<10	<10	23	<10	17			0.006
E180321		<20	0.15	<10	<10	161	<10	136			0.008
E180322		<20	0.04	<10	<10	15	<10	13			0.004
E180323		<20	0.07	<10	<10	16	<10	55			0.007
E180324		<20	0.01	<10	<10	1	<10	2			0.013
E180325		<20	0.05	<10	<10	13	<10	17			0.055
E180326		<20	0.01	<10	<10	5	<10	10	117		>10.0
E180327		<20	0.02	<10	<10	12	<10	27			9.26
E180328											
31201		<20	0.02	<10	<10	100	<10	96			0.102
31202		<20	0.13	<10	<10	95	<10	72			0.031
31203		<20	0.32	<10	<10	193	<10	71			0.023
31204		<20	0.21	<10	<10	182	<10	86			0.020
31205		<20	0.10	<10	<10	90	<10	60			0.021
31206		<20	0.06	<10	<10	69	<10	53			0.011
31207		<20	0.14	<10	<10	42	<10	29			0.018
31208		<20	0.14	<10	<10	93	<10	95			0.010
31209		<20	0.07	<10	<10	156	<10	61			0.012
31210		<20	0.01	<10	<10	13	<10	6			0.006
31211		<20	0.02	<10	<10	15	<10	21			0.280
31212		<20	0.19	<10	<10	92	<10	79			0.007

Comments: Au additional Au-GRA22 check assay for sample 31303 is 4.29 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229293

Sample Description	Method	WEI-21	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	.02	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
31213		0.69		0.2	3.02	19	<10	<10	<0.5	<2	1.94	<0.5	42	165	85	5.16
31214		0.46		0.2	4.74	<2	<10	60	<0.5	<2	2.47	<0.5	34	157	48	7.70
31215		1.11	1.18	0.6	0.59	3	<10	20	<0.5	<2	2.77	<0.5	14	34	107	1.73
31216		0.47		0.4	0.36	3	<10	<10	<0.5	<2	2.95	<0.5	116	15	912	3.71
31217		1.06		0.2	3.90	<2	<10	20	<0.5	<2	4.47	<0.5	37	78	208	7.86
31218		1.25		0.2	3.94	2	<10	10	<0.5	<2	4.34	<0.5	30	133	93	5.91
31219		1.09		<0.2	2.74	<2	<10	<10	<0.5	<2	1.61	<0.5	34	88	130	4.94
31220		0.95		<0.2	0.86	3	<10	30	<0.5	<2	0.36	<0.5	9	6	38	2.34
31221		1.26		0.4	3.49	21	<10	30	<0.5	<2	3.20	<0.5	37	159	67	5.94
31222		0.53		0.3	0.61	4	<10	30	<0.5	<2	0.53	<0.5	6	4	11	1.36
31223		0.87		<0.2	0.41	17	<10	30	<0.5	<2	1.71	<0.5	11	7	20	2.77
31224		0.27		0.2	3.61	<2	<10	20	<0.5	<2	0.76	<0.5	53	260	74	6.72
31225		1.15		0.2	3.26	2	<10	20	<0.5	<2	0.87	<0.5	33	89	97	5.42
31251		0.97		<0.2	0.07	<2	<10	<10	<0.5	<2	0.09	<0.5	4	16	61	0.43
31252		1.43		0.2	1.14	11	<10	<10	<0.5	<2	5.62	<0.5	22	106	234	1.84
31253		2.45		<0.2	3.21	3	<10	10	<0.5	<2	1.20	<0.5	32	197	88	4.26
31254		2.27		0.2	3.45	2	<10	<10	<0.5	<2	6.63	<0.5	41	315	113	5.20
31255		1.64		<0.2	0.64	3	<10	10	<0.5	<2	0.85	<0.5	6	24	4	1.15
31256		2.38		<0.2	1.80	2	<10	20	<0.5	<2	6.22	<0.5	20	55	77	4.37
31257		1.13		<0.2	5.36	<2	<10	10	<0.5	<2	3.01	<0.5	42	300	74	6.57
31258		1.77		0.3	2.63	31	<10	<10	<0.5	<2	6.71	<0.5	46	114	118	7.75
31259		1.64		0.6	1.31	43	<10	10	<0.5	<2	5.06	<0.5	50	61	98	8.39
31260		2.18		<0.2	2.69	26	<10	10	<0.5	<2	4.50	<0.5	48	99	80	8.49
31266		1.20		<0.2	5.53	3	<10	10	<0.5	<2	3.87	<0.5	68	256	287	8.23
31267		0.74		<0.2	3.39	4	<10	10	<0.5	<2	1.92	<0.5	32	109	87	5.66
31268		1.40		0.6	3.80	13	<10	10	<0.5	<2	0.63	<0.5	36	193	121	6.77
31269		1.33		<0.2	5.36	3	<10	10	<0.5	<2	2.83	<0.5	45	336	127	6.37
31270		1.39		<0.2	4.32	4	<10	10	<0.5	<2	3.17	<0.5	45	251	127	6.04
31271		1.87		<0.2	4.13	17	<10	<10	<0.5	2	3.39	<0.5	40	246	141	5.71
31272		1.26	1.42	22.5	0.05	10	<10	<10	<0.5	102	0.40	<0.5	22	20	4000	1.20
31273		1.34	3.95	52.1	0.03	11	<10	10	<0.5	186	0.07	<0.5	27	34	1875	1.19
31274		1.76		0.2	4.78	3	<10	10	<0.5	<2	3.32	<0.5	40	318	114	5.31
31275		0.44		0.2	4.86	3	<10	20	<0.5	<2	3.06	<0.5	44	82	79	7.88
31301		0.22	2.09	74.7	0.69	22	<10	20	<0.5	223	4.73	0.9	64	20	>10000	6.92
31302		0.68		7.1	0.26	4	<10	20	<0.5	24	1.66	0.5	12	16	1875	2.19
31303		0.80	2.44	13.2	1.88	17	<10	40	<0.5	42	3.21	<0.5	37	47	5480	6.07
31304		1.76		14.0	0.41	29	<10	10	<0.5	11	3.85	0.5	48	20	4360	4.46
31305		1.10		<0.2	4.91	2	<10	10	<0.5	<2	5.24	<0.5	36	261	57	5.07
31306		1.70		0.2	4.46	7	<10	20	<0.5	<2	4.20	<0.5	39	118	206	6.60
31307		0.87		<0.2	2.08	4	<10	<10	<0.5	<2	1.20	<0.5	20	88	95	2.46

Comments: Au additional Au-GRA22 check assay for sample 31303 is 4.29 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229293

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
31213		<10	<1	0.04	<10	1.62	1075	<1	0.02	105	250	<2	0.24	3	2	12
31214		10	1	0.30	<10	3.57	1535	<1	<0.01	58	380	3	0.06	2	7	10
31215		<10	<1	0.08	<10	0.37	388	<1	<0.01	27	30	<2	0.36	<2	2	6
31216		<10	<1	0.01	<10	0.23	428	<1	<0.01	65	20	<2	2.21	<2	3	9
31217		10	<1	0.07	<10	2.74	1385	<1	<0.01	47	470	4	0.45	<2	13	28
31218		10	1	0.02	<10	2.86	1090	<1	<0.01	83	270	3	0.15	2	14	12
31219		10	<1	0.02	<10	2.05	576	<1	0.03	101	110	<2	0.39	<2	4	20
31220		<10	<1	0.12	10	0.60	147	<1	0.01	14	320	<2	1.15	<2	1	5
31221		10	1	0.18	<10	3.49	1545	<1	<0.01	101	350	3	2.26	2	9	20
31222		<10	<1	0.14	10	0.39	124	<1	<0.01	13	360	<2	0.58	<2	<1	6
31223		<10	<1	0.15	10	0.41	295	<1	0.02	26	340	2	2.58	<2	1	27
31224		10	1	0.02	<10	2.20	1015	<1	0.03	169	380	2	0.14	3	7	14
31225		10	<1	0.02	<10	2.65	723	<1	0.01	99	130	<2	0.21	<2	2	28
31251		<10	<1	0.01	<10	0.04	49	<1	<0.01	11	10	<2	0.01	<2	<1	1
31252		<10	<1	<0.01	<10	0.67	716	<1	0.01	82	80	<2	0.11	<2	2	16
31253		<10	<1	<0.01	<10	3.04	732	<1	0.01	88	150	<2	0.09	<2	3	19
31254		10	<1	<0.01	<10	2.39	1380	<1	0.03	113	190	<2	0.12	2	21	21
31255		<10	<1	0.02	<10	0.51	302	<1	<0.01	11	40	<2	0.01	<2	2	6
31256		<10	<1	0.12	<10	1.72	974	<1	0.02	24	80	2	0.30	<2	17	121
31257		10	<1	0.02	<10	4.31	1225	<1	0.01	150	180	2	0.09	<2	7	9
31258		10	<1	0.03	<10	3.33	1475	<1	0.04	78	270	2	2.79	<2	16	32
31259		<10	<1	0.06	<10	2.31	1590	<1	0.05	85	290	<2	4.67	<2	8	24
31260		10	<1	0.05	<10	2.68	1735	<1	0.03	85	420	2	2.67	2	10	26
31266		10	<1	0.04	<10	3.63	1400	<1	0.01	156	210	<2	0.30	<2	16	19
31267		10	<1	0.02	<10	2.68	823	<1	0.04	76	360	2	0.09	<2	4	12
31268		10	<1	0.02	<10	3.63	850	<1	0.01	94	290	31	1.28	<2	3	12
31269		10	<1	<0.01	<10	4.85	887	<1	0.02	166	200	2	0.15	<2	22	9
31270		10	<1	<0.01	<10	3.75	1235	<1	0.02	117	190	2	0.22	<2	8	18
31271		10	<1	<0.01	<10	3.47	976	<1	0.02	113	190	3	0.15	<2	5	17
31272		<10	<1	<0.01	<10	0.16	146	<1	0.01	43	10	<2	0.59	<2	1	6
31273		<10	<1	<0.01	<10	0.03	61	<1	<0.01	27	20	3	0.49	<2	<1	1
31274		10	<1	<0.01	<10	4.56	868	<1	0.01	148	230	2	0.14	2	11	15
31275		10	<1	0.02	<10	3.68	1460	<1	0.02	90	390	2	0.06	<2	14	27
31301		<10	<1	0.01	<10	1.66	1695	<1	0.01	67	90	14	1.87	<2	5	31
31302		<10	<1	0.01	<10	0.53	717	<1	0.01	16	60	2	0.21	<2	2	10
31303		<10	<1	0.05	<10	1.73	1565	<1	0.02	59	280	4	0.58	<2	9	26
31304		<10	<1	0.01	<10	1.29	993	<1	0.01	74	60	<2	1.52	<2	4	22
31305		10	<1	0.01	<10	4.48	802	<1	0.01	114	140	<2	0.03	3	18	48
31306		10	<1	<0.01	<10	3.65	1010	<1	0.01	67	250	2	0.15	<2	21	45
31307		<10	<1	<0.01	<10	1.90	431	<1	0.01	67	100	2	0.02	<2	2	17

Comments: Au additional Au-GRA22 check assay for sample 31303 is 4.29 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229293

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Cu-OG46	Au-ICP22
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Cu	Au
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
31213		<20	0.14	<10	<10	90	<10	59			0.009
31214		<20	0.24	<10	<10	249	<10	94			0.016
31215		<20	0.02	<10	<10	31	<10	21			1.130
31216		<20	<0.01	<10	<10	20	<10	17			0.051
31217		<20	0.05	<10	<10	213	<10	100			0.005
31218		<20	0.05	<10	<10	121	<10	76			0.011
31219		<20	0.17	<10	<10	64	<10	58			0.005
31220		<20	0.02	<10	<10	8	<10	14			0.002
31221		<20	0.04	<10	<10	111	<10	197			0.030
31222		<20	<0.01	<10	<10	5	<10	9			0.003
31223		<20	0.01	<10	<10	10	<10	19			0.005
31224		<20	0.17	<10	<10	193	<10	135			0.006
31225		<20	0.21	<10	<10	55	<10	71			0.004
31251		<20	<0.01	<10	<10	4	<10	2			0.003
31252		<20	0.12	<10	<10	36	<10	23			0.008
31253		<20	0.18	<10	<10	76	<10	54			0.004
31254		<20	0.15	<10	<10	215	<10	64			0.006
31255		<20	<0.01	<10	<10	21	<10	14			0.002
31256		<20	0.05	<10	<10	109	10	45			0.052
31257		<20	0.18	<10	<10	128	<10	79			0.006
31258		<20	<0.01	<10	<10	106	<10	70			0.600
31259		<20	<0.01	<10	<10	48	<10	43			0.984
31260		<20	<0.01	<10	<10	96	<10	64			0.660
31266		<20	0.01	<10	<10	161	<10	104			0.013
31267		<20	0.19	<10	<10	119	<10	77			0.006
31268		<20	0.23	<10	<10	104	<10	214			0.017
31269		<20	0.10	<10	<10	171	<10	68			0.008
31270		<20	0.23	<10	<10	141	<10	74			0.003
31271		<20	0.22	<10	<10	118	<10	69			0.005
31272		<20	<0.01	<10	<10	3	<10	6			2.08
31273		<20	<0.01	<10	<10	2	<10	2			4.61
31274		<20	0.15	<10	<10	123	<10	55			0.005
31275		<20	0.19	<10	<10	188	<10	98			0.005
31301		<20	<0.01	<10	<10	31	<10	80		2.06	2.30
31302		<20	<0.01	<10	<10	10	<10	33			0.466
31303		<20	<0.01	<10	<10	68	<10	74			5.93
31304		<20	<0.01	<10	<10	18	<10	67			0.539
31305		<20	0.01	<10	<10	118	<10	34			0.030
31306		<20	0.09	<10	<10	184	<10	75			0.009
31307		<20	0.10	<10	<10	31	<10	24			0.008

Comments: Au additional Au-GRA22 check assay for sample 31303 is 4.29 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229293

Sample Description	Method	WEI-21	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	.02	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
31308		1.50		<0.2	5.08	3	<10	10	<0.5	<2	3.88	<0.5	48	7	174	9.73
31309		1.49		<0.2	4.33	4	<10	<10	<0.5	<2	1.98	<0.5	39	83	153	6.13
31310		1.41		0.2	1.19	3	<10	20	<0.5	<2	2.22	<0.5	22	18	51	3.59
31311		0.99		0.3	1.97	12	<10	30	<0.5	<2	2.78	<0.5	42	45	66	3.95
31312		2.77		0.3	1.59	14	<10	30	<0.5	<2	2.30	<0.5	25	37	45	4.38
31313		1.98		0.2	1.90	3	<10	30	<0.5	<2	1.39	<0.5	14	19	29	3.06
31314		1.60		5.1	0.92	18	<10	20	<0.5	<2	6.12	<0.5	63	9	298	8.19
31315		1.30	2.52	59.5	0.37	12	<10	30	<0.5	11	6.38	0.7	42	6	158	6.78
31316		0.28		3.4	1.26	8	<10	20	<0.5	2	0.27	<0.5	47	21	327	9.19
31317		1.50		0.5	2.28	3	<10	40	<0.5	<2	0.70	<0.5	13	16	73	3.67
31318		1.60		0.5	4.25	9	<10	<10	<0.5	<2	4.84	2.2	100	106	786	12.40
31319		1.84		0.7	4.85	69	<10	20	<0.5	<2	1.47	1.3	37	45	120	7.83
31320		0.96		16.4	0.49	30	<10	40	<0.5	28	0.92	1.1	46	12	158	5.92
31321		0.19		31.5	1.45	75	<10	60	<0.5	41	0.75	2.0	102	39	271	10.40
31322		1.70		14.6	0.12	18	<10	10	<0.5	7	0.43	0.6	54	18	271	3.60
31323		1.55		0.5	3.19	2	<10	10	<0.5	<2	0.73	1.0	22	83	60	5.70
31324		1.34		0.3	4.31	17	<10	20	<0.5	<2	3.51	1.1	39	47	51	7.23
31325		1.33		0.2	3.79	7	<10	20	<0.5	<2	1.15	1.1	36	73	141	6.91
31326		1.63		0.8	1.48	4	<10	10	<0.5	<2	0.72	0.6	18	48	649	3.11
31327		2.69		5.2	0.03	3	<10	<10	<0.5	<2	0.13	0.8	8	36	3150	0.93
31328		2.12		0.3	0.31	12	<10	30	<0.5	<2	1.49	<0.5	11	5	86	1.94
31329		1.96		0.2	0.79	5	<10	30	<0.5	<2	1.61	0.5	9	6	30	2.16
31330		2.37		0.3	0.48	28	<10	20	<0.5	<2	1.03	<0.5	8	5	53	1.33
31331		2.21		0.4	2.41	4	<10	<10	<0.5	<2	0.82	0.5	24	127	221	2.90
31332		2.05		0.2	3.99	8	<10	<10	<0.5	<2	3.38	1.0	36	124	122	6.11
31333		2.20		0.4	3.46	2	<10	<10	<0.5	<2	2.59	1.0	27	134	407	4.73
31334		1.99		<0.2	0.10	<2	<10	10	<0.5	12	0.23	<0.5	2	27	29	0.34
31335		1.67	3.04	2.8	0.01	3	<10	<10	<0.5	52	0.06	<0.5	1	21	42	0.38
31336		2.17		0.4	3.29	9	<10	10	<0.5	<2	5.35	1.0	35	103	121	5.10
31337		1.80		0.3	5.31	6	<10	20	<0.5	<2	1.71	1.5	43	4	342	10.30
31338		1.88		2.5	0.22	37	<10	<10	<0.5	13	5.57	1.2	39	15	1470	5.45
31339		2.55		0.3	3.51	3	<10	<10	<0.5	<2	2.35	1.0	40	134	141	5.48
31340		2.85	73.7	2.5	0.02	<2	<10	<10	<0.5	2	0.18	<0.5	2	22	51	0.76
31341		3.21	3.12	0.4	0.20	15	<10	<10	<0.5	<2	1.05	<0.5	11	27	10	2.21
31342		2.19		0.2	5.69	<2	<10	830	<0.5	<2	3.31	1.6	50	183	233	9.51
31343		1.57		<0.2	0.18	<2	<10	<10	<0.5	<2	0.26	<0.5	4	19	121	0.57
31344		2.70		0.3	1.77	<2	<10	<10	<0.5	<2	3.59	0.6	25	75	167	3.03
31345		1.24		<0.2	0.53	<2	<10	<10	<0.5	<2	2.11	<0.5	4	28	48	1.21
31346		2.33		0.2	1.19	<2	<10	<10	<0.5	<2	0.93	0.5	13	51	377	2.03
31347		1.38		0.5	0.62	<2	<10	<10	<0.5	<2	0.17	<0.5	6	48	391	1.20

Comments: Au additional Au-GRA22 check assay for sample 31303 is 4.29 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229293

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
31308		10	1	0.01	<10	3.23	1225	<1	0.01	31	320	<2	0.29	<2	43	32
31309		10	<1	<0.01	<10	3.82	867	<1	0.01	120	210	2	0.27	2	5	12
31310		<10	<1	0.10	10	0.75	558	<1	0.03	40	310	2	0.55	2	2	18
31311		<10	<1	0.15	10	1.05	880	<1	0.02	114	450	3	0.38	<2	2	55
31312		<10	<1	0.15	10	0.95	626	<1	0.03	62	490	2	1.51	<2	2	36
31313		10	<1	0.06	10	1.46	675	<1	0.04	29	400	2	0.48	<2	2	24
31314		<10	<1	0.24	<10	2.07	1630	2	0.01	50	380	21	4.57	<2	5	122
31315		<10	<1	0.14	<10	1.89	2270	12	0.01	31	180	1700	2.13	<2	5	124
31316		<10	1	0.23	<10	0.74	1935	1	0.01	58	480	15	3.03	<2	6	8
31317		10	<1	0.07	10	1.71	713	<1	0.03	25	360	7	0.51	<2	2	10
31318		10	<1	0.01	<10	2.50	1635	1	0.01	137	140	<2	2.79	<2	20	23
31319		10	<1	0.02	<10	3.18	744	<1	<0.01	56	100	<2	0.43	<2	21	9
31320		<10	<1	0.07	<10	0.43	440	1	0.01	88	220	5	1.68	<2	1	17
31321		<10	1	0.10	<10	0.76	1200	2	0.02	218	160	9	2.79	<2	4	14
31322		<10	<1	0.06	<10	0.12	197	2	0.01	30	100	16	2.76	<2	<1	11
31323		<10	<1	0.01	<10	2.46	780	2	0.02	34	230	<2	0.09	<2	4	9
31324		10	<1	0.27	<10	3.17	1155	1	0.01	40	320	<2	0.39	<2	25	22
31325		10	<1	0.10	<10	2.64	1225	1	0.03	35	240	<2	0.11	<2	8	5
31326		<10	<1	0.01	<10	0.97	427	<1	0.01	25	80	<2	0.12	<2	9	5
31327		<10	<1	<0.01	<10	0.05	82	<1	<0.01	13	10	<2	0.34	<2	<1	<1
31328		<10	<1	0.08	10	0.42	513	<1	0.02	19	410	2	0.40	<2	1	26
31329		<10	<1	0.07	10	0.74	406	1	0.04	18	450	<2	0.07	<2	1	28
31330		<10	<1	0.09	10	0.25	219	<1	0.03	15	440	2	0.32	<2	<1	14
31331		<10	<1	<0.01	<10	2.20	453	<1	0.01	77	110	<2	0.05	<2	2	18
31332		10	<1	<0.01	<10	3.19	852	<1	0.01	53	230	<2	0.10	<2	8	23
31333		<10	<1	<0.01	<10	2.74	807	<1	0.02	53	170	<2	0.03	<2	2	9
31334		<10	<1	<0.01	<10	0.07	125	<1	<0.01	4	10	<2	<0.01	<2	<1	1
31335		<10	<1	<0.01	<10	0.01	40	<1	<0.01	5	10	<2	0.02	<2	<1	<1
31336		10	1	0.03	<10	2.10	1085	<1	0.01	71	140	<2	0.35	<2	10	32
31337		20	1	<0.01	<10	3.13	773	<1	0.01	23	430	<2	1.18	<2	42	14
31338		<10	<1	<0.01	<10	1.45	1485	<1	0.01	38	30	<2	2.26	<2	4	17
31339		<10	1	<0.01	<10	2.53	1155	<1	0.01	100	200	<2	0.12	<2	4	11
31340		<10	<1	<0.01	<10	0.06	65	<1	<0.01	5	20	<2	0.14	<2	<1	3
31341		<10	<1	0.04	<10	0.32	287	<1	0.01	29	50	<2	1.07	<2	1	9
31342		20	<1	3.97	<10	3.70	1055	1	0.05	90	160	<2	0.45	<2	34	66
31343		<10	<1	0.01	<10	0.11	92	<1	0.01	8	20	<2	0.05	<2	<1	<1
31344		<10	<1	0.01	<10	1.24	548	<1	0.03	39	350	<2	0.23	<2	5	10
31345		<10	<1	0.01	<10	0.29	387	<1	0.02	7	40	<2	0.06	<2	2	25
31346		<10	<1	<0.01	<10	0.90	265	<1	0.01	27	60	<2	0.01	<2	2	2
31347		<10	<1	0.02	<10	0.49	123	<1	<0.01	18	40	<2	0.04	<2	1	1

Comments: Au additional Au-GRA22 check assay for sample 31303 is 4.29 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229293

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Cu-OG46	Au-ICP22
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Cu	Au
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
31308		<20	0.07	<10	<10	428	<10	119			0.010
31309		<20	0.09	<10	<10	117	<10	84			0.020
31310		<20	0.01	<10	<10	14	<10	45			0.003
31311		<20	0.03	<10	<10	29	<10	112			0.003
31312		<20	0.02	<10	<10	22	<10	62			0.007
31313		<20	<0.01	<10	<10	20	<10	54			0.003
31314		<20	0.03	<10	<10	32	30	80			0.107
31315		<20	0.02	<10	<10	18	10	134			2.28
31316		<20	0.05	<10	<10	38	10	91			0.056
31317		<20	<0.01	<10	<10	25	<10	155			0.015
31318		<20	0.01	<10	<10	143	<10	197			0.021
31319		<20	0.01	<10	<10	200	<10	106			0.025
31320		<20	<0.01	<10	<10	7	<10	66			0.388
31321		<20	<0.01	<10	<10	29	<10	164			0.632
31322		<20	<0.01	<10	<10	1	<10	35			0.677
31323		<20	0.11	<10	<10	114	80	113			0.010
31324		<20	0.13	<10	<10	309	<10	187			0.021
31325		<20	0.15	<10	<10	169	<10	120			0.003
31326		<20	<0.01	<10	<10	67	<10	38			0.025
31327		<20	<0.01	<10	<10	2	<10	31			0.303
31328		<20	<0.01	<10	<10	2	<10	38			0.081
31329		<20	<0.01	<10	<10	6	<10	98			0.004
31330		<20	<0.01	<10	<10	4	<10	38			0.009
31331		<20	0.09	<10	<10	36	<10	29			0.017
31332		<20	0.12	<10	<10	155	<10	43			0.004
31333		<20	0.11	<10	<10	95	<10	73			0.014
31334		<20	<0.01	<10	<10	3	<10	3			0.052
31335		<20	<0.01	<10	<10	<1	<10	2			2.13
31336		<20	0.01	<10	<10	96	<10	68			0.015
31337		<20	0.05	<10	<10	410	<10	96			0.020
31338		<20	<0.01	<10	<10	13	<10	66			0.841
31339		<20	0.18	<10	<10	100	<10	78			0.005
31340		<20	<0.01	<10	<10	1	<10	8			>10.0
31341		<20	<0.01	<10	<10	6	<10	8			2.60
31342		<20	0.52	<10	<10	267	<10	177			0.086
31343		<20	<0.01	<10	<10	4	<10	6			0.006
31344		<20	0.05	<10	<10	51	<10	36			0.021
31345		<20	0.02	<10	<10	22	<10	10			0.003
31346		<20	0.03	<10	<10	15	<10	31			0.012
31347		<20	<0.01	<10	<10	13	<10	9			0.027

Comments: Au additional Au-GRA22 check assay for sample 31303 is 4.29 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229293

Sample Description	Method	WEI-21	Au-GRA22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	.02	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
31348		2.42		0.4	3.79	<2	<10	10	<0.5	<2	8.1	1.1	37	239	125	5.66
31349		1.29		0.2	0.43	2	<10	20	<0.5	<2	3.48	<0.5	6	27	93	1.04
31350		2.50		0.3	1.51	5	<10	10	<0.5	<2	7.7	0.6	15	81	82	2.69
31376		1.29		0.2	4.76	<2	<10	10	<0.5	<2	4.03	1.1	35	271	103	6.24
31377		0.75		0.3	3.30	2	<10	<10	<0.5	<2	7.8	1.0	43	290	241	5.69
31378		1.34		<0.2	0.45	<2	<10	40	<0.5	<2	0.76	<0.5	4	7	34	0.91
31379		1.41		<0.2	4.29	<2	<10	10	<0.5	<2	5.97	<0.5	32	216	44	5.45
31380		0.82	1.07	0.4	3.89	2	<10	10	<0.5	<2	1.59	<0.5	25	2	103	12.60
31381		1.90		0.3	0.96	43	<10	<10	<0.5	<2	6.27	<0.5	47	43	153	7.20
31382		1.39	33.0	5.7	0.31	70	<10	<10	<0.5	13	0.21	<0.5	30	23	40	5.12
31383		0.59	21.2	2.2	0.55	95	<10	<10	<0.5	6	0.70	1.2	51	25	588	5.82
31384		1.83	1.69	1.3	1.30	115	<10	10	<0.5	4	4.03	<0.5	81	46	176	9.35
31385		2.32		0.2	1.76	46	<10	<10	<0.5	<2	7.44	<0.5	48	67	147	8.17
31386		1.72	3.56	5.6	1.44	77	10	<10	<0.5	6	5.84	<0.5	67	37	849	7.64
31387		0.78		0.6	1.42	76	<10	10	<0.5	5	4.37	<0.5	68	54	291	8.62

Comments: Au additional Au-GRA22 check assay for sample 31303 is 4.29 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229293

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
31348		10	<1	0.03	<10	2.53	1310	<1	0.02	118	190	<2	0.09	2	6	14
31349		<10	<1	0.06	<10	0.23	634	<1	0.01	16	80	<2	0.04	<2	1	17
31350		<10	<1	0.05	<10	0.90	1215	<1	0.02	48	100	<2	0.06	<2	5	41
31376		10	<1	<0.01	<10	3.82	1095	<1	0.01	98	220	<2	0.08	2	28	17
31377		10	<1	0.01	<10	2.25	1440	<1	0.03	102	190	<2	0.20	<2	8	20
31378		<10	<1	0.09	10	0.16	211	<1	0.03	6	230	<2	0.11	<2	<1	8
31379		10	1	0.05	<10	3.64	1180	<1	0.01	87	190	3	0.07	<2	11	43
31380		30	1	0.02	<10	1.20	921	<1	0.01	<1	980	2	2.40	<2	26	20
31381		<10	<1	0.08	<10	2.81	1355	<1	0.03	70	210	3	4.11	2	5	46
31382		<10	<1	0.04	<10	0.15	131	<1	0.01	47	160	2	3.88	2	1	3
31383		<10	<1	0.04	<10	0.40	297	1	0.02	109	70	3	3.85	<2	2	6
31384		10	<1	0.08	<10	1.49	723	<1	0.04	123	290	4	5.05	2	6	29
31385		10	<1	0.07	<10	3.27	1555	<1	0.03	82	260	4	3.68	<2	8	51
31386		<10	<1	0.05	<10	1.95	1060	<1	0.02	124	120	4	4.30	<2	7	32
31387		10	<1	0.07	<10	1.51	720	<1	0.04	108	230	3	3.87	<2	6	26

Comments: Au additional Au-GRA22 check assay for sample 31303 is 4.29 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 16-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11229293

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Cu-OG46	Au-ICP22
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Cu	Au
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
31348		<20	0.12	<10	<10	124	<10	66			0.004
31349		<20	<0.01	<10	<10	11	<10	11			0.009
31350		<20	<0.01	<10	<10	39	<10	28			0.006
31376		<20	0.14	<10	<10	197	<10	72			0.005
31377		<20	0.14	<10	<10	183	<10	60			0.005
31378		<20	<0.01	<10	<10	3	<10	17			0.002
31379		<20	0.06	<10	<10	110	<10	78			0.003
31380		<20	0.05	<10	<10	45	<10	151			1.105
31381		<20	<0.01	<10	<10	30	<10	59			0.496
31382		<20	<0.01	<10	<10	9	<10	23			>10.0
31383		<20	<0.01	<10	<10	16	<10	123			>10.0
31384		<20	<0.01	<10	<10	47	<10	65			1.510
31385		<20	<0.01	<10	<10	55	<10	90			0.280
31386		<20	<0.01	<10	<10	32	<10	73			3.17
31387		<20	<0.01	<10	<10	44	<10	69			0.970

Comments: Au additional Au-GRA22 check assay for sample 31303 is 4.29 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 15-DEC-2011
This copy reported on
16-DEC-2011
Account: PJV

CERTIFICATE TB11231238

Project: ST. ANTHONY

P.O. No.:

This report is for 91 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 11-NOV-2011.

The following have access to data associated with this certificate:

GRAEME EVANS ACCOUNTS PAYABLE	PERRY HEATHERINGTON	ALASDAIR MOWAT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

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: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 15-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231238

Sample Description	Method	WEI-21	Au-GRA22	Au-ICP22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	.02	0.05	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
E180328		1.59		0.016	<0.2	0.06	<2	<10	<10	<0.5	38	0.02	<0.5	4	29	44
E180329		2.55		0.084	<0.2	0.39	<2	<10	<10	<0.5	44	0.45	<0.5	8	36	51
E180330		1.59		0.013	<0.2	0.86	<2	<10	<10	<0.5	9	0.77	<0.5	39	32	275
E180331		1.98		0.005	<0.2	1.10	<2	<10	10	<0.5	<2	0.81	<0.5	33	42	319
E180332		1.91		0.002	<0.2	0.22	<2	<10	<10	<0.5	<2	0.08	<0.5	2	15	8
E180333		2.63		<0.001	<0.2	0.36	2	<10	<10	<0.5	3	0.06	<0.5	7	30	33
E180334		1.52		0.004	<0.2	2.29	2	<10	20	<0.5	<2	1.66	<0.5	19	54	69
E180335		1.52		0.007	<0.2	1.19	<2	<10	10	<0.5	3	1.80	<0.5	24	63	204
E180336		2.31		0.232	<0.2	0.14	<2	<10	<10	<0.5	19	0.15	<0.5	5	20	25
E180337		3.19		0.024	<0.2	0.17	2	<10	<10	<0.5	4	0.78	<0.5	9	26	114
E180338		2.23		0.003	<0.2	2.03	<2	<10	10	<0.5	<2	1.47	<0.5	21	50	105
E180339		1.88		0.001	<0.2	1.77	<2	<10	10	<0.5	<2	0.18	<0.5	15	95	41
E180414		1.96		0.190	7.9	2.40	45	<10	<10	<0.5	4	0.17	<0.5	34	27	436
E180451		1.41		0.002	<0.2	1.89	2	<10	10	<0.5	<2	0.31	<0.5	16	16	101
E180452		2.11		0.002	0.3	0.42	2	<10	<10	<0.5	<2	0.17	<0.5	37	13	434
E180453		1.12		0.002	<0.2	3.99	2	<10	<10	<0.5	<2	0.15	<0.5	25	112	22
E180454		2.14		0.001	<0.2	0.22	<2	<10	<10	<0.5	<2	0.07	<0.5	2	12	8
E180455		1.13		0.005	3.0	2.44	3	<10	10	<0.5	11	0.31	0.5	20	122	46
E180456		2.10		0.020	0.3	2.64	<2	<10	60	<0.5	<2	0.97	<0.5	38	142	304
E180457		3.55		0.004	0.4	1.82	<2	<10	<10	<0.5	<2	1.59	<0.5	48	75	374
E180458		2.64		0.001	<0.2	1.85	<2	<10	10	<0.5	<2	0.85	<0.5	28	70	110
E180459		1.82		0.001	<0.2	0.15	<2	<10	20	<0.5	<2	0.07	<0.5	2	13	6
E180460		1.34		0.002	0.2	4.65	<2	<10	250	<0.5	<2	2.63	<0.5	37	213	131
E180461		2.33		0.001	<0.2	0.30	<2	<10	10	<0.5	<2	0.11	<0.5	9	17	90
E180462		2.06		0.001	<0.2	0.22	<2	<10	10	<0.5	4	0.10	<0.5	11	12	82
E180463		2.29		0.009	0.3	0.25	<2	<10	60	<0.5	2	0.07	<0.5	3	11	34
E180464		1.65		0.043	<0.2	0.45	<2	<10	<10	<0.5	16	0.08	<0.5	7	30	22
E180465		0.73		0.021	0.3	4.73	<2	<10	50	0.5	35	0.73	<0.5	35	215	64
E180466		3.41		0.010	0.2	1.17	2	<10	10	<0.5	10	0.44	<0.5	28	73	222
E180467		1.55		0.002	<0.2	1.25	<2	<10	10	<0.5	<2	0.61	<0.5	18	58	85
E180468		1.90		0.015	0.3	0.71	<2	<10	30	<0.5	6	0.81	<0.5	8	40	65
E180469		2.44		0.001	0.6	1.84	2	<10	20	<0.5	<2	0.72	1.9	7	35	14
E180470		1.13		0.001	0.3	0.69	<2	<10	10	<0.5	<2	0.20	<0.5	4	16	9
E180471		0.97		0.001	<0.2	0.85	<2	<10	10	<0.5	<2	0.10	<0.5	8	33	19
E180472		3.24		0.005	0.9	2.26	2	<10	90	<0.5	<2	0.87	0.5	43	79	185
E180473		1.23		0.003	<0.2	1.67	<2	<10	20	<0.5	2	0.86	<0.5	22	62	98
E180474		2.32		0.002	<0.2	0.43	<2	<10	10	<0.5	<2	0.13	<0.5	4	20	44
E180475		2.29		0.001	<0.2	3.29	3	<10	30	<0.5	<2	0.36	<0.5	30	156	176
E180476		2.02		0.005	3.1	1.74	2	<10	60	<0.5	<2	0.44	1.2	23	69	170
E180477		1.40		0.002	0.2	2.02	3	<10	10	<0.5	<2	1.25	<0.5	33	90	179

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 15-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231238

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
E180328		0.58	<10	<1	0.01	<10	0.04	31	<1	<0.01	8	20	<2	0.10	<2	<1
E180329		0.99	<10	<1	0.02	<10	0.24	136	<1	0.04	25	40	<2	0.04	<2	2
E180330		2.39	<10	<1	0.02	<10	0.30	151	<1	0.08	123	170	2	1.09	<2	2
E180331		2.98	<10	<1	0.07	<10	0.51	230	7	0.07	102	210	<2	0.84	<2	3
E180332		0.35	<10	<1	0.03	<10	0.06	38	<1	0.06	3	40	20	0.01	<2	1
E180333		0.99	<10	<1	0.01	<10	0.30	109	<1	0.01	15	20	<2	0.05	<2	1
E180334		1.89	<10	<1	0.22	<10	0.83	278	<1	0.25	75	200	<2	0.20	<2	4
E180335		2.81	<10	<1	0.06	<10	0.96	495	<1	0.02	59	100	<2	0.67	<2	4
E180336		0.59	<10	<1	0.01	<10	0.08	75	<1	0.01	13	30	2	0.06	<2	1
E180337		1.07	<10	<1	<0.01	<10	0.12	115	1	<0.01	12	40	<2	0.18	<2	1
E180338		2.17	<10	<1	0.05	<10	0.74	262	4	0.22	60	200	50	0.24	<2	5
E180339		2.95	<10	<1	0.08	<10	1.55	569	1	0.01	34	80	<2	0.03	<2	5
E180414		27.9	10	<1	0.01	<10	2.19	282	<1	0.02	254	130	11	>10.0	<2	7
E180451		3.84	10	1	0.03	10	1.40	134	<1	0.04	24	420	<2	0.70	<2	2
E180452		4.71	<10	<1	<0.01	<10	0.24	181	<1	0.01	16	60	<2	2.39	<2	4
E180453		5.96	10	<1	0.01	<10	3.76	1050	<1	0.01	51	130	11	0.13	<2	17
E180454		0.38	<10	<1	0.04	<10	0.06	41	<1	0.06	2	40	13	0.02	<2	1
E180455		4.18	10	<1	0.05	<10	2.23	676	1	0.02	43	120	151	0.07	<2	7
E180456		4.79	10	<1	0.52	<10	1.99	492	12	0.07	108	200	<2	0.83	<2	5
E180457		3.92	<10	<1	0.05	<10	1.01	377	2	0.09	142	200	2	1.43	<2	5
E180458		2.80	<10	<1	0.12	<10	1.36	401	<1	0.09	88	190	9	0.34	<2	4
E180459		0.34	<10	<1	0.07	<10	0.02	51	<1	0.04	2	40	2	0.07	<2	<1
E180460		6.36	10	<1	3.06	<10	3.87	1200	<1	0.04	120	200	12	0.50	<2	16
E180461		0.85	<10	<1	0.05	<10	0.11	53	1	0.07	12	40	17	0.32	<2	1
E180462		0.83	<10	<1	0.05	10	0.05	37	2	0.05	10	30	9	0.38	<2	1
E180463		0.62	<10	<1	0.07	10	0.07	63	<1	0.06	2	80	9	0.10	<2	1
E180464		0.97	<10	<1	0.04	<10	0.39	161	<1	0.01	13	40	6	0.03	<2	2
E180465		6.79	20	<1	0.38	<10	4.30	1175	<1	0.02	70	220	14	0.01	<2	19
E180466		2.89	<10	<1	0.09	<10	0.95	299	1	0.02	65	70	<2	0.79	<2	4
E180467		2.25	<10	<1	0.10	<10	0.96	349	<1	0.04	57	120	<2	0.28	<2	3
E180468		1.46	<10	<1	0.22	<10	0.48	263	5	0.06	24	100	7	0.20	<2	3
E180469		2.41	10	<1	0.14	10	1.51	433	10	0.05	20	90	32	0.03	<2	4
E180470		1.02	<10	<1	0.07	<10	0.45	237	2	0.06	12	90	26	<0.01	<2	1
E180471		1.65	<10	<1	0.07	<10	0.73	364	1	0.01	17	70	19	0.03	<2	2
E180472		4.11	10	<1	0.79	10	1.63	461	7	0.06	119	200	26	0.91	<2	8
E180473		3.23	<10	<1	0.20	<10	1.44	634	1	0.02	71	80	3	0.35	<2	3
E180474		0.86	<10	<1	0.07	<10	0.22	139	<1	0.06	8	20	13	0.11	<2	2
E180475		5.13	10	1	0.20	<10	2.80	688	<1	0.03	86	230	10	0.48	<2	14
E180476		3.04	10	<1	0.51	<10	1.32	350	11	0.05	59	170	110	0.42	<2	6
E180477		3.37	<10	<1	0.15	<10	1.49	502	<1	0.08	107	220	5	0.51	<2	4

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 15-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231238

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2	1
E180328		1	<20	0.01	<10	<10	6	<10	3	
E180329		3	<20	0.03	<10	<10	19	<10	6	
E180330		14	<20	0.10	<10	<10	21	<10	15	
E180331		16	<20	0.13	<10	<10	33	10	28	
E180332		3	<20	0.01	<10	<10	3	<10	19	
E180333		1	<20	0.02	<10	<10	12	<10	11	
E180334		28	<20	0.12	<10	<10	40	<10	21	
E180335		5	<20	0.06	<10	<10	50	20	35	
E180336		2	<20	0.01	<10	<10	4	<10	3	
E180337		4	<20	0.01	<10	<10	5	<10	8	
E180338		28	<20	0.12	<10	<10	42	<10	46	
E180339		2	<20	0.06	<10	<10	64	<10	39	
E180414		1	<20	<0.01	<10	<10	32	<10	149	
E180451		15	<20	0.09	<10	<10	28	<10	14	
E180452		2	<20	0.03	<10	<10	38	<10	12	
E180453		1	<20	0.05	<10	<10	134	<10	117	
E180454		3	<20	0.01	<10	<10	3	<10	17	
E180455		2	<20	0.09	<10	<10	88	<10	254	
E180456		7	<20	0.17	<10	<10	97	<10	72	
E180457		15	<20	0.11	<10	<10	58	<10	33	
E180458		12	<20	0.13	<10	<10	48	<10	51	
E180459		4	<20	0.01	<10	<10	2	<10	3	
E180460		12	<20	0.30	<10	<10	193	<10	126	
E180461		4	<20	0.01	<10	<10	5	<10	22	
E180462		5	<20	<0.01	<10	<10	1	<10	5	
E180463		4	<20	0.01	<10	<10	3	<10	24	
E180464		3	<20	0.03	<10	<10	17	10	16	
E180465		8	<20	0.30	<10	<10	182	50	109	
E180466		4	<20	0.05	<10	<10	47	<10	31	
E180467		7	<20	0.08	<10	<10	36	10	33	
E180468		6	<20	0.05	<10	<10	25	<10	22	
E180469		9	<20	0.04	<10	<10	36	<10	349	
E180470		5	<20	0.01	<10	<10	10	<10	56	
E180471		2	<20	0.04	<10	<10	23	<10	30	
E180472		9	<20	0.13	<10	<10	70	<10	384	
E180473		5	<20	0.06	<10	<10	43	<10	44	
E180474		4	<20	0.02	<10	<10	8	<10	25	
E180475		4	<20	0.12	<10	<10	110	<10	77	
E180476		7	<20	0.10	<10	<10	56	<10	370	
E180477		15	<20	0.16	<10	<10	60	<10	41	

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 15-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231238

Sample Description	Method	WEI-21	Au-GRA22	Au-ICP22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	.02	0.05	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
E180478		0.87		0.342	0.2	1.61	<2	<10	20	<0.5	<2	0.71	<0.5	24	53	219
E180479		1.08		0.005	0.2	0.41	<2	<10	10	<0.5	10	0.12	<0.5	22	20	167
E180480		2.32		0.150	0.7	0.96	<2	<10	10	<0.5	31	0.77	<0.5	11	63	98
E180481		2.52		<0.001	<0.2	0.33	<2	<10	40	<0.5	<2	0.18	<0.5	5	12	39
29546		Listed, NR														
29547		Listed, NR														
29548		Listed, NR														
29549		Listed, NR														
29550		Listed, NR														
29576		1.12		<0.001	<0.2	1.36	<2	<10	150	<0.5	<2	0.59	<0.5	8	10	16
29577		1.66		0.008	<0.2	4.48	3	<10	70	<0.5	<2	5.87	<0.5	32	168	33
29578		1.66		0.027	<0.2	0.17	<2	<10	10	<0.5	<2	0.24	<0.5	1	14	13
29579A		1.01		0.001	<0.2	0.70	<2	<10	40	<0.5	<2	0.70	<0.5	4	9	17
29579B		1.41		0.005	<0.2	0.16	<2	<10	20	<0.5	<2	0.14	<0.5	1	17	13
29580		1.31		0.007	<0.2	1.01	<2	<10	30	<0.5	<2	1.94	<0.5	12	34	84
29581		1.51		0.005	<0.2	0.37	<2	<10	20	<0.5	<2	0.76	<0.5	6	42	45
29582		1.47		0.039	<0.2	6.05	<2	<10	270	<0.5	<2	5.29	<0.5	39	268	37
29583		1.46	14.35	>10.0	3.8	0.09	<2	<10	10	<0.5	5	0.07	<0.5	10	23	54
29584		1.97		0.033	<0.2	4.17	4	<10	150	<0.5	<2	4.05	<0.5	32	36	102
29585		1.41		0.057	0.3	0.28	3	<10	<10	<0.5	<2	0.50	<0.5	8	24	80
29586		1.85		0.638	1.8	1.57	4	<10	30	<0.5	<2	1.38	<0.5	155	22	134
29587		1.66		0.334	0.6	1.72	2	<10	30	<0.5	<2	1.09	<0.5	171	21	11
29588		1.52	2.59	2.81	2.9	0.34	2	<10	10	<0.5	<2	0.08	0.7	34	18	942
29589		1.51		0.034	0.3	0.25	<2	<10	<10	<0.5	<2	0.81	<0.5	10	31	294
29590		1.84		0.009	<0.2	4.46	<2	<10	20	<0.5	<2	4.90	<0.5	42	209	248
29591		1.96		0.038	0.2	4.78	2	<10	380	<0.5	<2	3.70	<0.5	27	30	91
29592		1.64		0.048	<0.2	4.06	5	<10	170	<0.5	<2	4.70	<0.5	34	32	127
29593		1.93		0.058	0.4	3.73	4	<10	260	<0.5	<2	5.95	<0.5	37	25	176
29594		1.52		0.127	1.2	0.86	2	<10	30	<0.5	<2	1.05	<0.5	49	9	146
29595		1.73		0.493	0.9	0.43	3	<10	10	<0.5	<2	0.44	<0.5	75	13	18
29596		2.01		0.319	0.6	2.88	<2	<10	40	<0.5	<2	0.13	<0.5	25	59	198
29597		1.80		0.245	0.8	0.59	<2	<10	10	<0.5	<2	0.08	<0.5	7	26	140
29598		1.33		0.162	0.4	2.73	<2	<10	20	<0.5	2	0.09	<0.5	32	104	31
29599		1.81		0.150	0.3	3.60	<2	<10	30	<0.5	3	0.10	<0.5	40	116	79
29600		1.72	5.83	6.29	>100	2.10	2	<10	20	<0.5	276	1.39	<0.5	26	77	2920
29660		1.97		0.158	0.7	0.72	<2	<10	10	<0.5	<2	0.51	<0.5	8	29	51
29661		2.41		0.118	0.8	1.03	<2	<10	10	<0.5	2	0.52	<0.5	10	36	50
29662		2.13		0.778	0.3	0.31	<2	<10	10	<0.5	<2	0.22	<0.5	5	20	37
29663		1.95	2.93	2.82	2.2	1.58	<2	<10	10	<0.5	<2	5.15	<0.5	24	42	115
29664		2.15		0.027	0.8	3.93	2	<10	50	<0.5	3	5.95	<0.5	40	179	198

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 15-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231238

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
E180478		3.15	10	<1	0.09	<10	1.13	512	<1	0.07	50	190	9	0.71	<2	5
E180479		1.57	<10	<1	0.05	<10	0.29	213	2	0.03	63	30	2	0.55	<2	1
E180480		2.01	<10	<1	0.13	<10	0.86	260	1	0.01	23	50	4	0.35	<2	4
E180481		0.84	<10	<1	0.10	10	0.11	103	1	0.06	7	100	21	0.19	<2	1
29546																
29547																
29548																
29549																
29550																
29576		2.12	10	<1	0.83	<10	0.65	300	<1	0.07	8	390	2	0.01	<2	4
29577		5.29	10	<1	2.93	<10	3.76	1110	5	0.02	79	210	3	<0.01	<2	16
29578		0.32	<10	<1	0.09	10	0.04	84	<1	0.05	2	70	6	0.03	<2	<1
29579A		1.29	<10	<1	0.43	10	0.27	223	<1	0.04	5	230	4	0.01	<2	1
29579B		0.33	<10	<1	0.07	10	0.02	66	<1	0.06	2	30	11	0.02	<2	<1
29580		2.02	<10	<1	0.35	<10	0.63	379	1	0.04	25	170	3	0.13	<2	3
29581		1.01	<10	<1	0.20	<10	0.24	186	5	0.01	14	30	<2	0.12	<2	2
29582		8.29	20	1	3.48	<10	4.18	1410	<1	0.03	116	210	3	0.09	<2	28
29583		1.11	<10	<1	0.03	<10	0.05	49	<1	0.01	97	40	7	0.48	<2	<1
29584		9.54	20	<1	1.88	<10	3.13	1040	<1	0.04	33	620	<2	0.13	<2	29
29585		0.99	<10	<1	0.01	<10	0.19	238	<1	0.01	7	60	4	0.09	<2	1
29586		9.70	10	<1	0.81	<10	1.00	394	<1	0.02	38	190	<2	8.61	<2	9
29587		6.47	10	<1	0.15	<10	1.19	484	<1	0.01	12	270	2	3.68	2	9
29588		4.59	<10	<1	0.03	<10	0.21	85	<1	<0.01	28	50	<2	3.80	<2	2
29589		0.75	<10	<1	0.01	<10	0.19	175	<1	0.01	37	20	<2	0.14	<2	1
29590		5.98	10	<1	0.13	<10	3.89	1065	<1	0.02	116	220	<2	0.43	<2	7
29591		8.11	20	<1	2.40	<10	3.30	1215	<1	0.02	24	580	<2	0.26	<2	15
29592		8.29	10	<1	2.07	<10	2.90	766	<1	0.03	31	530	<2	0.46	<2	14
29593		7.79	20	<1	1.70	<10	2.45	1520	<1	0.02	34	440	<2	0.82	2	27
29594		4.37	<10	<1	0.13	10	0.49	444	1	0.04	45	170	<2	1.52	<2	5
29595		3.24	<10	<1	0.04	<10	0.37	221	<1	0.02	13	110	<2	1.72	<2	3
29596		6.59	10	<1	0.17	10	2.13	1065	2	0.01	86	330	2	0.18	<2	7
29597		1.37	<10	<1	0.06	<10	0.46	243	1	0.01	24	80	8	0.06	<2	1
29598		5.01	10	<1	0.11	<10	2.29	740	1	0.01	101	260	3	0.12	<2	5
29599		6.76	10	1	0.13	<10	2.97	1235	3	0.01	112	290	<2	0.12	<2	6
29600		4.27	<10	<1	0.11	<10	1.70	1000	<1	0.01	70	290	753	0.52	<2	4
29660		1.68	<10	<1	0.04	<10	0.64	354	<1	0.01	23	40	4	0.07	<2	1
29661		2.25	<10	<1	0.05	<10	0.82	537	1	<0.01	33	70	3	0.04	<2	2
29662		0.85	<10	<1	0.04	<10	0.25	194	<1	<0.01	10	40	2	0.07	<2	1
29663		4.46	<10	<1	0.13	<10	1.93	1115	7	0.01	67	140	11	0.77	<2	4
29664		7.06	10	<1	1.10	<10	3.30	1380	<1	0.02	110	310	4	0.52	<2	20

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 15-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231238

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2	1
E180478		9	<20	0.07	<10	<10	35	<10	40	
E180479		2	<20	0.01	<10	<10	9	<10	10	
E180480		3	<20	0.05	<10	<10	46	<10	24	
E180481		4	<20	0.02	<10	<10	4	<10	38	
29546										
29547										
29548										
29549										
29550										
29576		14	<20	0.13	<10	<10	33	<10	50	
29577		46	<20	0.23	<10	<10	156	<10	103	
29578		4	<20	0.01	<10	<10	2	<10	6	
29579A		10	<20	0.08	<10	<10	10	<10	41	
29579B		3	<20	0.01	<10	<10	1	<10	8	
29580		10	<20	0.07	<10	<10	30	<10	34	
29581		4	<20	0.03	<10	<10	14	<10	14	
29582		37	<20	0.40	<10	<10	208	<10	267	
29583		1	<20	0.01	<10	<10	5	<10	4	
29584		23	<20	0.45	<10	<10	385	<10	143	
29585		5	<20	0.04	<10	<10	24	<10	22	
29586		6	<20	0.18	<10	<10	112	<10	57	
29587		6	<20	0.06	<10	<10	74	<10	62	
29588		1	<20	0.01	<10	<10	19	<10	40	
29589		2	<20	<0.01	<10	<10	6	<10	6	
29590		13	<20	0.06	<10	<10	133	<10	74	
29591		33	<20	0.42	<10	<10	324	<10	160	
29592		31	<20	0.45	<10	<10	324	<10	114	
29593		56	<20	0.29	<10	<10	273	<10	112	
29594		12	<20	0.03	<10	<10	40	<10	32	
29595		6	<20	0.01	<10	<10	20	<10	19	
29596		3	<20	0.01	<10	<10	50	<10	165	
29597		3	<20	<0.01	<10	<10	14	<10	24	
29598		2	<20	0.01	<10	<10	62	<10	71	
29599		3	<20	0.01	<10	<10	72	<10	99	
29600		19	<20	0.01	<10	<10	44	<10	61	149
29660		7	<20	<0.01	<10	<10	16	<10	26	
29661		7	<20	<0.01	<10	<10	19	<10	39	
29662		3	<20	<0.01	<10	<10	6	<10	11	
29663		112	<20	<0.01	<10	<10	27	<10	97	
29664		83	<20	0.22	<10	<10	155	<10	102	

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 15-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231238

Sample Description	Method	WEI-21	Au-GRA22	Au-ICP22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	.02	0.05	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
29665		1.68		0.462	0.7	0.84	<2	<10	20	<0.5	<2	4.36	<0.5	20	21	69
29666		2.12		0.196	0.7	0.19	<2	<10	10	<0.5	<2	0.90	<0.5	15	14	54
29667		1.46		0.026	0.3	0.49	<2	<10	20	<0.5	<2	0.17	<0.5	5	15	31
29668		1.38		0.178	0.3	4.38	<2	<10	30	<0.5	2	5.63	<0.5	40	172	106
29669		1.58	12.60	>10.0	11.0	2.74	2	<10	30	<0.5	9	0.41	<0.5	52	65	106
29670		1.94		0.116	0.5	2.10	2	<10	40	<0.5	<2	2.92	<0.5	39	68	153
29671		1.98		0.038	<0.2	0.68	<2	<10	50	<0.5	<2	0.15	<0.5	7	9	19
29672		1.84		0.053	0.4	2.67	2	<10	50	<0.5	3	3.01	<0.5	25	112	14
29673		1.98		0.009	0.2	2.49	<2	<10	120	<0.5	2	0.67	<0.5	11	63	17
29674		1.38		0.592	7.6	0.51	8	<10	10	<0.5	<2	0.29	2.3	40	26	5140
29675		1.61		0.025	0.3	2.20	2	<10	10	<0.5	<2	5.32	<0.5	25	109	137

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 15-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231238

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
29665		2.76	<10	<1	0.17	<10	1.20	775	13	0.03	35	270	3	0.53	<2	3
29666		0.64	<10	<1	0.11	<10	0.05	173	1	0.02	4	40	3	0.29	<2	<1
29667		0.85	<10	<1	0.13	10	0.24	142	<1	0.07	9	130	5	0.14	<2	1
29668		7.46	10	1	0.27	<10	3.87	1455	3	0.02	115	260	6	0.26	<2	13
29669		7.45	10	<1	0.19	<10	2.33	1010	18	0.01	107	330	30	2.36	<2	7
29670		6.31	<10	<1	0.27	<10	1.89	1415	40	0.02	99	370	5	0.59	<2	9
29671		1.63	<10	<1	0.31	10	0.41	145	<1	0.06	5	80	2	0.30	<2	1
29672		4.64	10	<1	0.77	<10	2.49	1120	25	0.02	67	190	4	0.23	<2	11
29673		3.59	10	<1	1.30	10	1.88	756	<1	0.03	48	440	2	0.04	<2	3
29674		3.30	<10	<1	0.11	<10	0.41	147	1	0.01	23	30	24	2.29	<2	1
29675		3.85	<10	<1	0.25	<10	1.50	984	<1	0.02	74	220	2	0.66	<2	3

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 15-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231238

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn	Ag
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2	1
29665		81	<20	<0.01	<10	<10	15	<10	40	
29666		16	<20	<0.01	<10	<10	2	<10	2	
29667		8	<20	0.03	<10	<10	12	<10	10	
29668		130	<20	0.10	<10	<10	127	<10	128	
29669		12	<20	0.01	<10	<10	61	<10	108	
29670		55	<20	0.01	<10	<10	48	<10	104	
29671		6	<20	0.08	<10	<10	30	<10	17	
29672		48	<20	0.14	<10	<10	79	10	70	
29673		20	<20	0.21	<10	<10	87	<10	64	
29674		3	<20	0.02	<10	<10	17	<10	57	
29675		24	<20	0.13	<10	<10	68	<10	50	

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 18-DEC-2011
This copy reported on
19-DEC-2011
Account: PJV

CERTIFICATE TB11231239

Project: ST. ANTHONY

P.O. No.:

This report is for 97 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 11-NOV-2011.

The following have access to data associated with this certificate:

GRAEME EVANS ACCOUNTS PAYABLE	PERRY HEATHERINGTON	ALASDAIR MOWAT

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

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: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 18-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231239

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA22 Au ppm 0.05	Au-ICP22 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
E180401		2.19		0.221	0.4	1.95	28	<10	10	<0.5	4	1.69	1.0	17	36	94
E180402		0.89		0.058	0.5	1.04	5	<10	<10	<0.5	6	0.88	<0.5	15	2	74
E180403		2.02		0.039	<0.2	0.46	7	<10	<10	<0.5	<2	2.05	2.0	8	24	27
E180404		0.83		0.002	<0.2	8.75	<2	<10	<10	<0.5	2	1.44	<0.5	40	355	3
E180405		2.19		0.210	0.6	1.69	12	<10	<10	<0.5	5	3.83	<0.5	24	5	336
E180406		0.89		0.130	0.3	1.72	10	<10	<10	<0.5	2	4.26	3.9	17	9	46
E180407		1.19	3.43	3.31	3.3	1.20	232	<10	<10	<0.5	9	0.25	<0.5	122	39	449
E180408		0.77	6.62	7.97	0.5	0.06	4	<10	10	<0.5	<2	0.59	<0.5	18	8	153
E180409		1.81	1.03	1.015	<0.2	0.42	2	<10	10	<0.5	<2	1.14	<0.5	11	4	99
E180410		1.46		0.025	<0.2	2.48	44	<10	10	<0.5	<2	2.04	<0.5	46	144	95
E180411		1.41		0.171	1.2	0.04	<2	<10	<10	<0.5	<2	0.02	<0.5	13	5	53
E180412		2.12		0.103	0.9	0.37	<2	<10	10	<0.5	3	0.11	<0.5	4	5	186
E180415		2.22		0.014	0.3	0.13	11	<10	<10	<0.5	2	0.08	0.6	24	16	70
E180416		1.02		0.189	0.6	0.85	7	<10	10	<0.5	3	0.04	<0.5	23	24	72
E180417		1.22		0.649	3.4	0.76	176	<10	<10	<0.5	12	0.03	<0.5	116	21	370
E180418		0.67		0.006	0.3	0.99	3	<10	10	<0.5	<2	1.33	0.6	17	2	54
E180419		1.66		0.036	1.1	1.26	14	<10	<10	<0.5	5	0.16	<0.5	89	2	185
E180420		2.67		0.178	5.6	1.93	161	<10	<10	<0.5	3	0.52	<0.5	520	29	286
E180421		2.29		0.001	<0.2	0.94	7	<10	40	<0.5	<2	0.16	<0.5	11	17	9
E180422		1.41		0.002	<0.2	2.03	<2	<10	70	<0.5	2	0.37	<0.5	11	30	98
E180423		0.67		0.004	<0.2	2.74	3	<10	10	<0.5	<2	2.00	<0.5	29	17	178
E180424		2.01		0.003	<0.2	1.18	2	<10	90	<0.5	<2	0.84	<0.5	14	18	25
E180425		0.61		0.006	<0.2	4.40	<2	<10	50	<0.5	<2	3.73	<0.5	35	157	105
E180426		0.95		0.004	<0.2	2.33	2	<10	20	<0.5	<2	1.65	<0.5	23	124	72
E180427		1.83		0.001	<0.2	0.93	9	<10	60	<0.5	2	0.10	<0.5	12	9	5
E180428		1.13		<0.001	<0.2	0.81	<2	<10	<10	<0.5	<2	1.15	<0.5	6	22	3
E180429		0.91		<0.001	<0.2	0.05	2	<10	<10	<0.5	<2	0.25	<0.5	<1	8	3
E180430		0.61		<0.001	<0.2	4.54	<2	<10	180	<0.5	<2	3.15	<0.5	40	94	71
E180431		2.12		0.002	<0.2	0.90	<2	<10	60	<0.5	<2	0.45	<0.5	10	11	25
E180432		1.43		0.001	<0.2	0.83	8	<10	20	<0.5	<2	0.60	<0.5	9	6	16
E180433		2.58		0.001	<0.2	2.04	<2	<10	20	<0.5	<2	2.17	<0.5	25	67	86
E180434		1.50		<0.001	<0.2	1.52	<2	<10	40	<0.5	<2	0.33	<0.5	8	16	14
E180435		1.15		0.010	<0.2	2.40	5	<10	<10	<0.5	<2	1.50	<0.5	27	57	296
E180436		1.30		0.002	<0.2	0.93	<2	<10	80	<0.5	<2	1.49	<0.5	9	13	29
E180437		1.17		0.002	<0.2	0.90	<2	<10	10	<0.5	<2	1.24	<0.5	8	13	20
E180438		1.40		<0.001	<0.2	1.34	<2	<10	50	<0.5	<2	0.90	<0.5	8	19	17
E180439		1.56		0.001	0.2	0.02	<2	<10	<10	<0.5	<2	0.02	<0.5	8	21	80
E180440		1.79		0.001	<0.2	0.92	<2	<10	<10	<0.5	<2	0.26	<0.5	6	20	22
E180441		0.64		<0.001	<0.2	1.84	<2	<10	130	<0.5	<2	0.26	<0.5	11	24	28
E180442		1.17		0.034	<0.2	3.14	14	<10	<10	<0.5	<2	1.99	<0.5	32	100	47

Comments: An additional Au-GRA22 check assay for sample E180408 report 4.91 ppm and for sample 31264 report 3.16 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 18-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231239

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
E180401		15.2	<10	<1	0.07	10	1.42	4340	1	0.02	33	210	10	9.17	<2	2
E180402		16.9	<10	<1	0.05	10	0.57	4080	<1	0.01	41	150	12	7.96	<2	1
E180403		4.72	<10	<1	0.01	<10	0.98	1560	<1	0.01	12	70	2	2.80	<2	1
E180404		9.05	20	1	<0.01	<10	8.76	1080	<1	0.01	147	340	4	0.03	<2	38
E180405		17.3	<10	<1	0.03	10	1.72	6540	<1	0.02	52	210	12	>10.0	<2	2
E180406		9.80	<10	<1	0.01	<10	2.20	3780	1	0.01	24	140	7	6.04	<2	3
E180407		25.5	<10	<1	0.03	<10	1.00	158	<1	0.01	79	110	8	>10.0	4	3
E180408		3.08	<10	<1	<0.01	<10	0.19	1270	<1	0.01	63	90	<2	0.39	<2	5
E180409		3.94	<10	<1	0.04	10	0.56	1250	1	0.02	31	100	<2	0.30	<2	2
E180410		4.33	<10	<1	0.07	<10	2.01	825	1	0.04	188	270	2	0.27	<2	7
E180411		5.20	<10	<1	0.01	<10	0.01	80	<1	0.01	32	20	<2	3.39	<2	<1
E180412		12.70	<10	<1	0.05	10	0.12	570	1	0.02	65	340	2	7.21	<2	2
E180415		5.45	<10	<1	0.01	<10	0.08	251	<1	0.01	34	20	<2	3.93	<2	<1
E180416		7.05	<10	<1	0.06	10	0.61	137	<1	0.02	45	120	3	4.21	<2	1
E180417		26.8	<10	<1	0.01	<10	0.58	90	<1	0.01	150	60	15	>10.0	6	3
E180418		3.55	<10	<1	0.08	10	1.18	819	2	0.02	42	210	<2	1.17	<2	<1
E180419		13.20	<10	<1	0.05	10	0.92	594	1	0.02	74	190	6	>10.0	<2	1
E180420		26.0	<10	1	<0.01	<10	1.83	989	<1	0.01	107	220	5	>10.0	<2	8
E180421		2.36	<10	<1	0.36	10	0.90	105	<1	0.05	21	320	2	0.87	<2	2
E180422		3.52	10	<1	0.50	10	1.53	268	<1	0.04	36	350	2	0.31	<2	3
E180423		4.50	<10	<1	0.01	<10	2.24	809	<1	0.03	38	160	<2	0.05	<2	3
E180424		3.10	<10	<1	0.64	10	0.57	424	<1	0.05	30	340	2	0.68	<2	3
E180425		5.36	10	1	0.64	<10	4.20	999	<1	0.01	62	160	<2	0.02	<2	13
E180426		3.33	<10	<1	0.15	<10	2.17	546	<1	0.02	38	120	2	0.06	<2	6
E180427		3.26	<10	<1	0.50	<10	0.84	218	1	0.03	18	260	2	2.10	<2	1
E180428		1.47	<10	<1	0.01	<10	0.69	301	<1	0.01	20	20	<2	0.01	<2	4
E180429		0.26	<10	<1	<0.01	<10	0.02	72	<1	0.01	1	20	<2	0.01	<2	<1
E180430		8.11	10	<1	1.38	<10	3.01	1300	<1	0.02	35	520	3	0.27	<2	7
E180431		2.89	<10	<1	0.51	10	0.46	171	<1	0.06	18	350	2	1.43	<2	2
E180432		2.89	<10	<1	0.32	10	0.71	278	1	0.03	19	310	2	2.03	<2	1
E180433		3.87	<10	<1	0.07	<10	1.38	578	<1	0.02	68	110	2	0.15	<2	3
E180434		2.27	10	<1	0.22	10	1.08	311	<1	0.04	18	370	2	0.06	<2	3
E180435		3.78	<10	<1	0.01	<10	1.86	613	<1	0.02	46	260	2	0.05	<2	2
E180436		1.45	<10	<1	0.47	10	0.59	253	<1	0.05	18	400	<2	0.05	<2	3
E180437		1.65	<10	<1	0.20	10	0.46	341	<1	0.04	17	480	<2	0.02	<2	3
E180438		1.96	<10	<1	0.64	10	0.95	336	<1	0.04	18	470	<2	0.06	<2	4
E180439		0.79	<10	<1	0.01	<10	0.01	24	<1	<0.01	16	40	<2	0.23	<2	<1
E180440		1.62	<10	<1	0.07	10	0.68	193	<1	0.02	10	240	<2	0.07	<2	2
E180441		2.93	10	<1	0.47	10	1.34	302	<1	0.03	20	450	<2	0.09	3	5
E180442		5.44	<10	<1	0.46	<10	2.45	751	<1	0.01	142	180	<2	0.07	<2	5

Comments: An additional Au-GRA22 check assay for sample E180408 report 4.91 ppm and for sample 31264 report 3.16 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 18-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231239

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
E180401		10	<20	0.01	<10	<10	17	<10	413
E180402		6	<20	0.01	<10	<10	9	<10	88
E180403		11	<20	<0.01	<10	<10	4	<10	403
E180404		13	<20	0.01	<10	<10	251	<10	209
E180405		13	<20	0.01	<10	<10	16	<10	102
E180406		20	<20	0.01	<10	<10	18	<10	885
E180407		3	<20	<0.01	<10	<10	23	<10	50
E180408		4	<20	<0.01	<10	<10	4	<10	11
E180409		5	<20	<0.01	<10	<10	4	<10	13
E180410		10	<20	<0.01	<10	<10	80	<10	54
E180411		1	<20	<0.01	<10	<10	1	<10	3
E180412		2	<20	<0.01	<10	<10	3	<10	14
E180415		1	<20	<0.01	<10	<10	1	<10	118
E180416		1	<20	<0.01	<10	<10	14	<10	24
E180417		1	<20	<0.01	<10	<10	15	<10	36
E180418		6	<20	<0.01	<10	<10	1	<10	126
E180419		2	<20	<0.01	<10	<10	5	<10	104
E180420		5	<20	<0.01	<10	<10	24	<10	125
E180421		14	<20	0.11	<10	<10	26	<10	12
E180422		15	<20	0.11	<10	<10	43	<10	39
E180423		9	<20	0.11	<10	<10	59	<10	48
E180424		13	<20	0.10	<10	<10	35	<10	54
E180425		31	<20	0.19	<10	<10	155	<10	45
E180426		15	<20	0.13	<10	<10	80	<10	31
E180427		3	<20	0.12	<10	<10	17	<10	19
E180428		3	<20	0.02	<10	<10	32	<10	19
E180429		9	<20	<0.01	<10	<10	1	<10	3
E180430		35	<20	0.36	<10	<10	243	<10	113
E180431		16	<20	0.11	<10	<10	30	<10	55
E180432		7	<20	0.10	<10	<10	9	<10	40
E180433		11	<20	0.09	<10	<10	64	<10	55
E180434		14	<20	0.09	<10	<10	36	<10	69
E180435		7	<20	0.15	<10	<10	41	<10	55
E180436		15	<20	0.10	<10	<10	33	<10	30
E180437		13	<20	0.06	<10	<10	27	<10	45
E180438		9	<20	0.10	<10	<10	34	<10	58
E180439		2	<20	<0.01	<10	<10	1	<10	<2
E180440		7	<20	0.03	<10	<10	21	<10	37
E180441		10	<20	0.10	<10	<10	48	<10	77
E180442		19	<20	0.10	<10	<10	87	10	97

Comments: An additional Au-GRA22 check assay for sample E180408 report 4.91 ppm and for sample 31264 report 3.16 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 18-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231239

Sample Description	Method	WEI-21	Au-GRA22	Au-ICP22	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	0.02	0.05	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
E180443		1.61		0.008	<0.2	2.29	<2	<10	<10	<0.5	<2	6.14	<0.5	33	201	109
E180444		2.62		0.025	<0.2	2.60	<2	<10	<10	<0.5	<2	5.90	<0.5	39	198	202
E180445		2.83		0.999	0.3	0.48	75	<10	<10	<0.5	<2	8.7	<0.5	27	31	61
E180446		2.75		0.069	0.9	0.15	31	<10	<10	<0.5	<2	5.22	<0.5	8	20	232
31236		1.91		0.044	1.8	1.05	2	<10	10	<0.5	<2	0.14	<0.5	20	43	318
31237		1.99		0.067	<0.2	1.56	<2	<10	<10	<0.5	<2	2.01	<0.5	22	21	118
31238		2.03		0.457	1.0	4.33	3	<10	150	<0.5	7	7.2	<0.5	54	187	42
31239		1.90		0.046	0.2	2.58	<2	<10	70	<0.5	<2	3.48	<0.5	26	192	92
31240		1.65		0.010	0.5	1.72	<2	<10	10	<0.5	<2	1.41	<0.5	33	22	314
31241		2.11		0.064	0.2	2.05	<2	<10	<10	<0.5	<2	1.76	<0.5	33	19	370
31242		1.85		0.004	0.3	2.07	<2	<10	<10	<0.5	<2	1.97	<0.5	23	19	181
31243		1.49		0.015	<0.2	0.07	<2	<10	<10	<0.5	23	0.05	<0.5	1	18	12
31244		1.98		0.015	0.4	1.03	<2	<10	<10	<0.5	<2	0.82	<0.5	75	39	545
31245		2.13		0.006	0.5	1.62	<2	<10	<10	<0.5	<2	1.43	<0.5	38	16	544
31261		0.98		0.003	0.2	1.68	<2	<10	<10	<0.5	<2	0.42	<0.5	29	132	216
31262		1.38		0.033	<0.2	0.26	<2	<10	<10	<0.5	6	0.75	<0.5	9	16	95
31263		2.49		0.005	0.2	0.76	<2	<10	<10	<0.5	<2	0.77	<0.5	13	17	105
31264		1.61	6.17	9.49	1.3	0.33	<2	<10	<10	<0.5	57	0.20	<0.5	307	15	1550
31265		1.79		0.009	0.3	0.14	<2	<10	<10	<0.5	<2	0.42	<0.5	37	18	369
31351		1.73		0.015	<0.2	0.47	2	<10	<10	<0.5	<2	0.53	<0.5	10	46	59
31352		1.94		0.003	<0.2	1.08	<2	<10	20	<0.5	<2	1.19	<0.5	16	40	51
31353		1.74		0.005	<0.2	0.12	<2	<10	<10	<0.5	<2	0.11	<0.5	1	20	8
31354		1.65		0.001	0.2	0.05	<2	<10	<10	<0.5	<2	0.03	<0.5	1	14	14
31355		1.49		0.767	1.0	0.05	<2	<10	<10	<0.5	40	0.04	1.5	1	13	32
31356		1.46		0.311	0.3	0.17	<2	<10	<10	<0.5	34	2.78	<0.5	31	21	233
31357		0.79		0.008	<0.2	2.60	<2	<10	<10	<0.5	<2	1.14	<0.5	18	125	128
31358		1.50		0.008	<0.2	2.51	<2	<10	<10	<0.5	<2	0.58	<0.5	24	158	68
31359		1.34		0.109	2.3	0.63	6	10	<10	<0.5	3	2.33	<0.5	184	14	198
31360		1.63		0.004	<0.2	2.39	<2	<10	<10	<0.5	<2	1.75	<0.5	25	71	96
31361		1.36		0.260	<0.2	0.16	2	<10	<10	<0.5	<2	2.35	<0.5	3	16	19
31362		1.44		0.002	<0.2	1.59	7	<10	70	<0.5	<2	0.25	<0.5	16	35	10
31363		1.44		0.002	<0.2	1.33	11	<10	30	<0.5	<2	0.65	<0.5	11	10	21
31364		1.80		0.002	<0.2	1.21	10	<10	60	<0.5	<2	0.53	<0.5	12	10	9
31365		1.90		0.001	<0.2	1.50	2	<10	40	<0.5	<2	0.79	<0.5	12	18	22
31366		1.71		0.001	0.2	0.87	2	<10	30	<0.5	<2	0.02	<0.5	5	15	11
31367		2.14		0.003	<0.2	2.47	<2	<10	10	<0.5	<2	0.89	<0.5	26	64	172
31368		1.64		0.003	<0.2	2.73	<2	<10	10	<0.5	<2	0.86	<0.5	29	39	133
31369		1.83		0.005	<0.2	2.57	<2	<10	10	<0.5	<2	0.82	<0.5	26	47	106
31370		1.29		0.001	<0.2	0.30	<2	<10	10	<0.5	<2	0.76	<0.5	6	13	34
31371		2.00		0.896	13.1	0.54	8	<10	<10	<0.5	<2	0.88	1.5	9	30	6040

Comments: An additional Au-GRA22 check assay for sample E180408 report 4.91 ppm and for sample 31264 report 3.16 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 18-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231239

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
E180443		6.04	<10	<1	0.03	<10	3.75	1105	<1	0.05	86	190	<2	0.11	<2	12
E180444		6.47	<10	<1	0.02	<10	3.99	1150	<1	0.06	92	200	2	0.51	<2	17
E180445		4.93	<10	<1	0.06	<10	3.20	1225	<1	0.04	50	110	<2	1.03	<2	5
E180446		2.42	<10	<1	0.02	<10	1.70	855	<1	0.01	18	140	<2	0.30	<2	3
31236		3.83	<10	<1	0.13	<10	0.64	123	1	0.05	19	40	12	0.59	<2	4
31237		4.71	<10	<1	0.06	<10	1.13	435	<1	0.10	24	640	<2	0.15	<2	7
31238		7.55	10	<1	2.84	<10	3.50	1240	43	0.02	94	230	4	2.53	<2	8
31239		3.96	<10	<1	1.31	<10	1.93	684	<1	0.09	97	250	<2	0.24	<2	8
31240		5.76	<10	<1	0.18	10	0.82	391	<1	0.12	31	920	<2	1.98	3	9
31241		6.43	<10	<1	0.06	10	0.87	466	<1	0.13	32	970	2	2.24	2	9
31242		5.15	<10	<1	0.10	10	0.81	547	<1	0.18	31	940	2	1.16	<2	10
31243		0.65	<10	<1	<0.01	<10	0.03	30	<1	<0.01	1	40	<2	0.03	<2	<1
31244		4.16	<10	<1	0.02	<10	0.38	181	9	0.02	72	130	<2	1.78	2	2
31245		5.66	<10	<1	0.05	10	0.64	351	<1	0.14	36	940	<2	2.40	2	8
31261		3.49	<10	<1	0.08	<10	1.38	346	1	0.03	100	110	6	0.79	<2	6
31262		1.09	<10	<1	0.01	<10	0.32	204	1	<0.01	12	40	<2	0.20	<2	1
31263		2.55	<10	<1	0.04	<10	0.30	224	<1	0.06	14	280	<2	0.79	2	4
31264		17.6	<10	<1	0.02	<10	0.14	70	<1	0.02	349	70	2	8.74	<2	1
31265		1.72	<10	<1	<0.01	<10	0.10	66	<1	<0.01	133	30	<2	0.80	<2	<1
31351		1.25	<10	<1	0.01	<10	0.40	136	<1	0.01	40	30	<2	0.22	<2	1
31352		2.21	<10	<1	0.17	<10	0.94	272	<1	0.13	39	250	<2	0.18	2	7
31353		0.45	<10	<1	0.01	<10	0.07	46	<1	0.01	3	30	<2	0.02	<2	<1
31354		0.40	<10	<1	<0.01	<10	0.04	29	<1	<0.01	5	10	<2	<0.01	<2	<1
31355		0.55	<10	<1	0.01	<10	0.03	29	<1	<0.01	1	20	2	0.03	<2	<1
31356		1.78	<10	<1	0.01	<10	0.14	276	<1	0.01	96	30	<2	0.97	<2	1
31357		2.47	<10	<1	0.02	<10	1.49	334	<1	0.11	75	140	<2	0.06	<2	3
31358		3.29	<10	<1	0.05	<10	2.40	426	<1	0.04	92	80	<2	<0.01	<2	4
31359		10.00	<10	<1	0.01	<10	1.30	824	1	0.01	147	50	6	9.29	4	3
31360		3.18	<10	<1	<0.01	<10	2.11	525	<1	0.02	55	110	3	0.14	<2	2
31361		0.67	<10	<1	<0.01	<10	0.15	259	<1	<0.01	8	410	<2	0.16	<2	1
31362		3.77	10	<1	0.62	10	1.37	253	<1	0.04	37	310	2	2.08	2	5
31363		3.73	<10	<1	0.30	10	1.03	419	1	0.03	22	310	2	2.41	<2	2
31364		3.05	<10	<1	0.54	10	0.96	390	1	0.03	24	320	2	2.06	3	2
31365		3.14	10	<1	0.27	10	0.99	405	<1	0.04	21	340	2	0.69	<2	3
31366		1.66	<10	<1	0.12	<10	0.66	149	<1	<0.01	8	10	<2	0.02	<2	2
31367		4.09	<10	<1	0.01	<10	2.03	613	<1	0.03	77	250	<2	0.08	<2	3
31368		4.10	<10	<1	0.01	<10	2.42	620	<1	0.02	103	220	<2	0.11	<2	3
31369		3.64	<10	<1	<0.01	<10	2.26	564	<1	0.02	88	180	<2	0.02	<2	2
31370		0.79	<10	<1	0.01	<10	0.21	159	<1	<0.01	9	20	<2	0.08	<2	<1
31371		1.90	<10	<1	0.01	<10	0.40	208	<1	0.01	35	50	<2	0.73	<2	3

Comments: An additional Au-GRA22 check assay for sample E180408 report 4.91 ppm and for sample 31264 report 3.16 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 18-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231239

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
E180443		18	<20	<0.01	<10	<10	91	<10	74
E180444		20	<20	<0.01	<10	<10	108	<10	80
E180445		54	<20	<0.01	<10	<10	19	<10	33
E180446		34	<20	<0.01	<10	<10	6	<10	26
31236		7	<20	0.05	<10	<10	30	<10	25
31237		18	<20	0.11	<10	<10	185	<10	54
31238		50	<20	0.37	<10	<10	192	10	135
31239		26	<20	0.22	<10	<10	112	<10	75
31240		13	<20	0.26	<10	<10	111	10	52
31241		21	<20	0.33	<10	<10	113	<10	52
31242		20	<20	0.24	<10	<10	113	<10	58
31243		2	<20	0.01	<10	<10	4	<10	4
31244		9	<20	0.06	<10	<10	22	10	11
31245		17	<20	0.26	<10	<10	88	<10	72
31261		6	<20	0.11	<10	<10	52	<10	48
31262		4	<20	0.02	<10	<10	7	<10	38
31263		8	<20	0.14	<10	<10	41	<10	21
31264		4	<20	0.03	<10	<10	12	<10	11
31265		2	<20	0.01	<10	<10	5	<10	3
31351		4	<20	0.02	<10	<10	15	<10	11
31352		10	<20	0.16	<10	<10	61	<10	24
31353		2	<20	0.01	<10	<10	4	<10	4
31354		1	<20	<0.01	<10	<10	2	<10	<2
31355		1	<20	<0.01	<10	<10	3	120	88
31356		9	<20	<0.01	<10	<10	4	<10	4
31357		23	<20	0.06	<10	<10	35	<10	28
31358		5	<20	0.08	<10	<10	65	<10	44
31359		15	<20	<0.01	<10	<10	9	<10	18
31360		8	<20	0.09	<10	<10	38	<10	32
31361		10	<20	<0.01	<10	<10	5	<10	3
31362		9	<20	0.15	<10	<10	51	<10	23
31363		12	<20	0.10	<10	<10	18	<10	64
31364		9	<20	0.12	<10	<10	20	<10	54
31365		18	<20	0.09	<10	<10	40	<10	61
31366		2	<20	0.03	<10	<10	42	<10	39
31367		7	<20	0.19	<10	<10	55	<10	50
31368		7	<20	0.17	<10	<10	56	<10	48
31369		12	<20	0.19	<10	<10	49	<10	40
31370		6	<20	0.01	<10	<10	7	<10	9
31371		5	<20	0.01	<10	<10	21	<10	62

Comments: An additional Au-GRA22 check assay for sample E180408 report 4.91 ppm and for sample 31264 report 3.16 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 18-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231239

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-GRA22 Au ppm 0.05	Au-ICP22 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
31372		0.24		0.261	4.4	0.18	10	<10	10	<0.5	<2	0.36	1.2	7	14	4610
31373		2.59		0.295	3.8	0.19	149	<10	10	<0.5	<2	0.02	<0.5	360	2	228
31374		1.82		0.002	<0.2	2.43	<2	<10	<10	<0.5	<2	0.91	<0.5	36	103	174
31375		1.61		0.025	0.4	1.78	<2	<10	20	<0.5	<2	0.40	<0.5	117	19	792
31388		1.27		0.003	<0.2	3.35	16	<10	<10	<0.5	<2	2.50	<0.5	35	91	132
31389		1.33		0.002	<0.2	2.68	9	<10	<10	<0.5	<2	0.97	<0.5	29	155	99
31390		1.84		0.003	<0.2	3.00	<2	<10	<10	<0.5	<2	1.62	<0.5	26	70	123
31391		1.11		0.002	<0.2	2.29	2	<10	10	<0.5	<2	0.81	<0.5	26	36	240
31392		1.18		0.005	<0.2	3.46	<2	<10	<10	<0.5	<2	1.81	<0.5	29	79	123
31393		1.55		0.003	0.3	4.70	<2	<10	50	<0.5	<2	4.86	<0.5	40	132	145
31394		1.08		0.006	0.3	2.93	<2	<10	20	<0.5	<2	1.37	<0.5	13	18	88
31395		0.72		0.002	0.5	1.54	<2	<10	20	<0.5	<2	3.05	<0.5	51	15	204
31396		0.38		0.006	<0.2	4.07	<2	<10	10	<0.5	<2	1.48	<0.5	36	163	114
31397		0.77		0.001	<0.2	2.35	2	<10	10	<0.5	<2	3.10	<0.5	22	116	38
31398		1.12		0.002	0.2	0.99	<2	<10	70	<0.5	<2	0.39	<0.5	9	7	29
31399		1.13		0.004	<0.2	4.92	<2	<10	20	<0.5	<2	4.39	<0.5	39	159	118
31400		1.24		0.002	<0.2	2.88	<2	<10	10	<0.5	<2	1.12	<0.5	32	52	130

Comments: An additional Au-GRA22 check assay for sample E180408 report 4.91 ppm and for sample 31264 report 3.16 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 18-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231239

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
	Units	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
31372		1.29	<10	<1	<0.01	<10	0.14	141	<1	0.01	17	20	<2	0.57	<2	1
31373		22.5	<10	<1	0.03	<10	0.02	71	<1	<0.01	93	40	90	>10.0	6	<1
31374		4.25	<10	<1	0.01	<10	1.76	671	<1	0.07	97	180	<2	0.59	<2	2
31375		8.10	<10	<1	0.05	<10	1.19	366	1	0.02	146	350	5	5.76	<2	4
31388		4.95	<10	<1	<0.01	<10	2.82	805	<1	0.03	104	230	<2	0.16	<2	9
31389		3.88	<10	<1	<0.01	<10	2.44	508	<1	0.02	97	220	<2	0.18	<2	3
31390		4.40	<10	<1	<0.01	<10	2.48	686	<1	0.03	57	220	<2	0.09	<2	3
31391		4.14	<10	<1	0.02	<10	1.82	445	<1	0.04	37	320	<2	0.35	<2	5
31392		5.05	<10	<1	0.01	<10	3.06	688	<1	0.03	74	230	<2	0.04	<2	5
31393		7.09	10	<1	0.26	<10	3.87	968	<1	0.02	86	240	<2	0.17	<2	26
31394		5.86	10	<1	0.09	10	1.34	755	<1	0.04	28	390	5	0.54	<2	5
31395		4.10	<10	<1	0.08	10	0.65	737	<1	0.05	48	390	6	1.40	<2	3
31396		6.56	10	<1	0.01	<10	3.18	942	<1	0.03	91	360	2	0.14	<2	6
31397		3.84	<10	<1	<0.01	<10	1.72	759	<1	0.01	56	90	<2	0.03	<2	9
31398		2.46	<10	<1	0.55	10	0.48	275	<1	0.06	13	500	2	0.41	<2	3
31399		7.19	10	<1	0.14	<10	3.61	831	<1	0.01	78	350	<2	0.18	<2	17
31400		4.48	<10	<1	0.01	<10	2.39	740	<1	0.02	75	220	2	0.16	<2	4

Comments: An additional Au-GRA22 check assay for sample E180408 report 4.91 ppm and for sample 31264 report 3.16 ppm

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

To: **PACIFIC IRON ORE CORPORATION**
4615 - 400 3RD AVENUE SW
CALGARY AB T2P 4H2

Finalized Date: 18-DEC-2011
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB11231239

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	20	0.01	10	10	1	10	2
31372		3	<20	0.01	<10	<10	10	<10	32
31373		1	<20	<0.01	<10	<10	1	<10	15
31374		6	<20	0.15	<10	<10	69	<10	51
31375		11	<20	0.09	<10	<10	19	<10	58
31388		20	<20	0.16	<10	<10	103	<10	81
31389		14	<20	0.18	<10	<10	53	<10	35
31390		7	<20	0.17	<10	<10	71	<10	54
31391		11	<20	0.14	<10	<10	66	<10	46
31392		12	<20	0.14	<10	<10	82	<10	64
31393		25	<20	0.09	<10	<10	236	<10	67
31394		17	<20	0.02	<10	<10	53	<10	144
31395		36	<20	0.02	<10	<10	30	<10	54
31396		11	<20	0.18	<10	<10	121	<10	83
31397		6	<20	0.11	<10	<10	111	<10	41
31398		18	<20	0.12	<10	<10	32	<10	48
31399		44	<20	0.09	<10	<10	224	<10	108
31400		16	<20	0.18	<10	<10	67	<10	57

Comments: An additional Au-GRA22 check assay for sample E180408 report 4.91 ppm and for sample 31264 report 3.16 ppm