2.43134

PACIFIC IRON ORE CORPORATION

Suite 1 – 1546 Pine Portage Road

Kenora, Ontario P9N 2K2

CHANNEL SAMPLING REPORT

ST. ANTHONY Au-Ag-Cu-Zn PROJECT

Beckington Lake, Squaw Lake and Fourbay Lake Areas

Patricia Mining Division of Ontario

NTS 52J/02

UTM NAD 83 ZONE 15

5550000mN, 665000mE

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GEOSCIENCE ASSESSMENT
OFFICE

By

Alasdair J. M. Mowat, C.E.T.

November 03rd, 2009

PACIFIC IRON ORE CORPORATION

CHANNEL SAMPLING REPORT

St. Anthony Au-Ag-Cu-Zn Project

Project/Property Name: St. Anthony

Location: Patricia Mining Division of Ontario

Beckington Lake Area (G-2532), Squaw Lake Area (G-3140) and Fourbay Lake Area (G-2543)

UTM NAD 83, Zone 15 – 5550000mN, 665000mE

Mineral Commodities: Gold (Au) – Silver (Ag) – Copper (Cu) – Zinc (Zn)

Recorded Mining Claims to which Assessment Work is to be applied this period:

Beckington Lake Area – Claim # 4210900, 4219398 to 4219400, 4224406 and 4224446

Fourbay Lake Area – Claim # 4219468 and 4219469

Squaw Lake Area – Claim # 4219386 to 4219389, 4219391 to 4219394, 4219433 to 4219439, 4224410, 4224412 and 4224464

Total mining claims are 26 (255 units – 4,080 hectares)

Ownership: (100%) – Pacific Iron Ore Corporation

Suite 1 – 1546 Pine Portage Road

Kenora, Ontario P9N 2K2 (Phone # 1-807-468-9792)

Client No: 406253

Property Access, History and Geology:

Refer to the enclosed "Technical Report on the St. Anthony and Best/King Bay Properties by Graeme Evans BSc., P.Geo dated June 12, 2009 (Ref.# 1).

EXPLORATION PROGRAMME

PHASE I - 2009

Exploration Programme:

Phase I consisted of manual stripping; trenching; washing; diamond saw channel sampling; prospecting and sampling; geological mapping, and assaying. This assessment work report relates only to channel sampling and analytical results. The other aspects of work programmes will be submitted at a later date.

Programme/Survey Purpose:

To "surface" evaluate the economic gold validity of the St. Anthony porphyry stock prior to drilling. All the work was performed on mining claim # 4224464, Squaw Lake Area.

Date of Channel Sampling:

July 05th to August 22nd, 2009

Field Crew:

Consulting and contracting services provided by:

-Graeme Evans, BSc, P.Geo (Qualified Person)

-Stares Contracting, Thunder Bay, Ontario

-Garry Clark Consulting, Thunder Bay, Ontario – Des Cullen, BSc, P.Geo

-Pacific Iron Ore Corporation – Senior Administrative Manager, Perry Heatherington

- Manager, Alasdair Mowat, C.E.T. and

2 company employees.

-Allan Best, Savant Lake, Ontario, prospector

-Other- property visits by Craig Ravnaas and Garry Beckhouse, OGS

Analytical Laboratory:

ALS Chemex Ltd., Thunder Bay, Ontario and Vancouver, B.C.

Analytical Methods:

Au-AA26 (ore grade Au 50g FA AA finish), ME-ICP61 (33 element four acid ICP-AES), Au-SCR21

(Au screen fire assay – 100 um) and Au-AA25 (ore grade Au 30g FA AA finish).

DISCUSSION

Phase I of the exploration programme was conducted from July 05th to August 22nd, 2009, a total of 49 days. This Phase consisted of manual outcrop stripping, trenching, diamond saw channel sampling, prospecting, geological mapping and assaying.

The crews consisted of the following parties:

-1 qualified project geologist (P.Geo)

-diamond saw channel sampling 2 men and 1 geologist (P.Geo)

-outcrop stripping, trenching and washing 2 men

-prospecting and sampling 3 prospectors

-2 senior Company Managers

A total crew of 11.

The crew stayed and operated out of Bergmann's Camp Midgard, Trappers Point on the northwest shore of Sturgeon Lake, several kilometres south of the community of Savant Lake – CNR line. Daily travel to the project site was by boats. Fuel and heavier equipment was barged to the St. Anthony landing.

Excluding the property prospecting activities; the stripping, trenching, geology and sampling were conducted at and around the St. Anthony Mine site focusing on the altered quartz porphyry (QP) stock. This latter work was done within mining claim # 4224464. The UTM of the surveyed site lies between 5552600mN to 5553150mN (550m N) by 666200mE to 666800mE (600m E), an area of 0.33 square kilometres. The starting point of the channel sampling was at the northwest corner of the chain linked fence around the vertical "Air Vent Shaft" – 5552809mN by 666600mE.

Except for a 1 channel (3 samples) cut of the sheared mafic volcanics (massive and pillowed) at the southeast corner of the Air Vent Shaft, the rest of the sampling was conducted on the St. Anthony QP stock. 143 channels were cut producing 747 samples. The samples were submitted to ALS Chemex Ltd., Thunder Bay, Ontario for prepping and the analytical work performed at their Vancouver, B.C. facility. Manitoulin Transport, Dryden depot, provided the shipping for the project.

The analytical techniques were the 50g Au, 33 multi-element and the 30g Au metallic packages. As noted, 747 QP samples were analyzed using the 50g Au and multi-element methods (Ref.# 2) 321 of the samples (43%) were re-checked with the 30g Au metallic screen process because of the free gold nugget affect (Ref.# 4).

The channels were cut in an easterly to westerly direction and numbered accordingly across the altered QP . A Stihl TS-420 14" Portable Gas Power saw was used to wet cut the channels.

The eastern start of the channel was stationed using a hand held Garmin GPS instrument. At each sample interval within the channel, a metal tag with the assay numbered was concrete nailed to the start of the sample. The cut samples were within the 1.0 metre length range averaging 35mm wide by 80mm in depth. This resulted in 747m of linear/horizontal QP channel cutting. All the samples were geologically logged (Ref.# 5). The channel locations were then superimposed on the new mapping of the stock (Ref.# 3).

During the course of the programme, it became quite apparent that little to no surface sampling had been conducted during the history of the property.

Based on the success of Phase I of the surface exploration programme, Phase II – diamond drilling commenced on October 26th, 2009. The 4,000 metre NQ drill programme is in GPS stationed - 100m grid spaced. Drilling is stepped and overlapped south-westerly across the St. Anthony QP stock. The purpose of the drill test is to vertically assess, in conjunction with the surface gold results, the potential for bulk and/or high grade gold tonnages.

Report by: _____

Alasdair J.M. Mowat, C.E.T.

Technical Mining Engineer

Dated: November 3, 2009

Dated at: Kenora, Ontario

Pacific Iron Ore Corporation (public company)

Kenora, Ontario P9N 2K2

ST. ANTHONY PROJECT

2009 CHANNEL SAMPLING PROGRAM – PHASE 1

-ADDENDUM-

1/. The 2009 - Phase 1 - of the St. Anthony's channel sampling program was performed on mining claim # 4224464, Squaw Lake Area (G-3140), Patricia Mining Division, Ontario.

2/. The assessment work applied for this portion of the exploration program is for trenching, channel sampling by rotary diamond blade power saw, geological logging of the cut samples, assaying and associated costs. Does not included in this 2009 phase costs pertaining to prospecting, geological field mapping (maps and reports) and diamond core drilling.

3/. The project overseer and qualified person was geologist Mr. Graeme Evans, P.Geo.

4/. The field geologist responsible for logging the cut channel samples was qualified person Mr. Desmond Cullen, P.Geo with Clark Exploration of Thunder Bay, Ontario.

5/. Additional assistance by Prospector, Mr. Allan Best, Savant Lake, Ontario.

6/. The crew responsible for cutting the channel samples was provided by Stares Contracting Corp. of Thunder Bay, Ontario. The trenching and cleaning crew were employed by Pacific Iron Ore Corporation from the local community of Savant Lake.

7/. Assaying of the rock channel samples was performed by ALS Chemex Ltd, Thunder Bay, Ontario and Vancouver, BC.

8/. Crew lodgings and the support staff stayed at Bergmann's Camp Midgard, Trappers Point (Savant Lake), Ontario. Travel to and from the site were by boats with a 4x4 quad/trailer providing transport on the St. Anthony Mine property.

9/. Pacific Iron Ore Corporation had senior representatives on site – Senior Manager Mr. Perry Heatherington and Ontario Manager – Mr. Alasdair Mowat, C.E.T..

10/. During the time of activities, visits were made to the property by MNDM&F, OGS, geologists Mr. Craig Ravnass, P.Geo., District Resident Geologist, Kenora and Dr. G.P. Beakhouse, Precambrian Geoscience Section. OGS – OFR 6240, section 13 enclosed.

SUPPORTIVE BACKUP

TO

SUBMISSION No. 2.43134, TRANSACTION No. W0930.02706

(Referenced to Dated Letter 2010-Jan-19 Subject: 45-Day Notice)

1/. Concerning questioned claim # 42244645(?) appearing on the map (enclosed) has been corrected by Mr. Evans to read #4224464. Except for this drafting error, this claim number appeared in original documents submitted.

2/. N/A

3/. Qualified person, Mr. Graeme Evans, P.Geo (Graden Geoscience) has provided paper copies (replacement of electronic formatted) maps (St. Anthony Mine Area, Channel Sampling Location Map), reports and other technical data including a summary overview of the project to date. Enclosed is a copy of his pro-rated charge for the compilation of the channel sampling data

4/. Field geologist Mr. Desmond Cullen, P.Geo with Clark Exploration Inc of Thunder Bay, Ontario was responsible for ground layout of channels; logging the cut channel samples including tagging and bagging; metal tagging of the individual cut samples, GPS location and mapping of the sampled sites. In an 8 hour work day, Mr. Cullen averaged 4.2 channel sections producing an average of 22 one metre samples. The end result was 143 cut channels and 747 - 1 metre rock samples.

Enclosed are two documents noting Channel No.; UTM of sample site, sample no., sample length, sample description and assays. The first 23 page document "All Gold Techniques" is just gold (Au) standard checked by metallic screen assay method. The second 75 page report "2009 Channel Samples" is similar to the first document but is gold and the other assayed elements for each sample. The analytical work was performed by ALS Chemex Ltd.

The documented channel sample descriptions were provided by Mr. Cullen with Mr. Evans providing the analytical data to the sheets.

Enclosed are copied time sheets, invoicing and cheques from and to Clark Exploration for Mr. Cullen

5/. Prospector, Mr. Allan Best contributed knowledge and assistance.

CHANNEL SAMPLING CREW

Crew provided by:

Stares Contracting Corp.

611 Montreal Street

Thunder Bay, Ontario P7E 3P2

The first 2009 crew members and dates are:

Name of Prospector	Date	Man Days (8 hr day)
Jeff Skaling, foreman	July 5 to 27	22.5
Stephen Forbes	July 6 to 27	22.0
Cliff Hickman	July 7 to 30	24.0
Jody Labbe, foreman	July 7 to 30	22.0
"	August 5 to 22	18.0
Ken Koski	August 6 to 22	17.0
Robert Mallory	August 6 to 22	15.0
TOTAL		140.5

(This equates to 1,124 man hours)

SAMPLING METHOLOGY

The sampling crew, at any given time, consisted of the 3 Stare crew members; 2 Pacific Iron Ore employees and manager(s), and consulting geologist Mr. Desmond Cullen, P.Geo.

The purpose of the channel sampling was to define the areas of anomalous gold and to gather geological information. On a pre-examination of the St. Anthony stock, it became quite evident that surface sampling was next to nil. The stock is referred to as a sericitic quartz porphyry in exploration terms; however, the unit by Dr. G. Beakhouse (2009 property visit) is a biotite+/-muscovite granodiorite.

The sampling procedure was broken down into 3 parties.

Group # 1 consisted of 2 channel cutters (taking turns) and the 3rd member previewing exposed rock outcrops, assisting in the breaking and removal of the cut sample in an organized manner. The activities

under the watch full eye of the field geologists. Other duties included pump checks, hose movements and other requirements. The prospector and geologist would precede the cleaning and cutting crews locating and marking the sites to be cleared and cleaned by Pacific's two employees – Group # 2. The preparation of the sample sites were manual using, chain saw, axe, pressure pump washing, grub hose and shovels. Company management assisted were required. Group # 3, the geologist (prospector assisted) duties was to inspect the pre-cleared outcrop areas for Group # 2. Then re-inspect the cleaned exposure and paint mark the section to be sampled. After the channel had been cut, the sample was broken and removed adjacently for geological logging, bagging and tagging. A metal aluminum tag with the inscribed assay number was secured by concrete nail at the beginning of each sample. The sampling orientation is from east to west - GPS established.

At the end of each day, the samples were collected, placed in shipping bags and brought to the camp.

As noted in the original data November 3rd, 2009 report, a Stihl TS-420 (14" circular diamond blade) gas powered saw was used in the channel cutting. This saw is equipped with water feed to the blade. The channel samples were within a 1.0 metre length averaging 35 mm wide to a depth of +/- 80 mm. A 1.0 metre sample would fill an extra large poly sample bag. The weight of the individual sample around 4 kg.

The equipment – saws, 14" diamond blades, pumps, hoses, chisels and hammers – were supplied by both Stares Contracting and Pacific Iron Ore. The latter provided boats; boat motors; 4 x 4 quad and trailer; fuel (ESSO); oils; survey flagging; sample and shipping bags; assay tag books, and additional diamond blades.

As noted previously, the Stares Contracting Crew performed 140.5 (8 hour) man days of work or 1,124 total man hours. With further breakdown, this computes into a total of 39 worked field days. In this period, 747 rock samples were cut from 143 channel sites, a length of 747 metres combined (refer to enclosed map). The averaged daily cutting for the period is about 19 (one metre) samples or 19 linear metres from 3 to 4 daily channel sites.

Group #2, employees of Pacific Iron consisted of Chester Skunk and Chilton Hollingsworth of Savant Lake (Sioux Lookout), Ontario. Their stripping/cleaning duties were to proceed and prepare the marked sites for the geologist and channel cutting crew. The work period was from July 6 to 27 (20 days) and August 4 to 22, 2010 (14 days). This equates into 34 days X 2 men is 68 man days or (68 x 8 hours/day) 544 man hours. The average daily clearing of a channel site was about 4 up to 5 per day.

Enclosed is a capsulized summary of the channel sampling results by Mr. Evans. Geological field mapping of the immediate area along with prospecting and diamond core drilling (8 NQ holes) have been done but this work has not been applied yet. The total exploration expenditure on the St. Anthony, as of December 31, 2009, is about $971,000. Work is in progress.

Alasdair J.M. Mowat, C.E.T.

Revised March 3, 2010

ENCLOSURES

Ontario

ONTARIO GEOLOGICAL SURVEY

Open File Report 6240

Summary of Field Work and Other Activities 2009

Edited by

C.L. Baker, R.I. Kelly, J.A. Ayer, R.M. Easton, G.M. Stott, J.R. Parker and T. Brown

2009

Parts of this publication may be quoted if credit is given. It is recommended that reference to this publication be made in the following form:

Buse, S., Lewis, D. and Magnus, S. 2009. Field investigations in the Lumby Lake greenstone belt, northwestern Ontario: new insights into the geology, structure and economic potential; *in* Summary of Field Work and Other Activities 2009, Ontario Geological Survey, Open File Report 6240, p.15-1 to 15-15.

Users of OGS products are encouraged to contact those Aboriginal communities whose traditional territories may be located in the mineral exploration area to discuss their project.

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13. Project Unit 00-012. Investigations of Granitoid Rocks in the Wabigoon Subprovince

G.P. Beakhouse[1]

[1]Precambrian Geoscience Section, Ontario Geological Survey

INTRODUCTION

Several weeks of field work were devoted to examination and sampling of intermediate to felsic intrusive rocks within the western Wabigoon Subprovince. These activities constitute part of a broader, thematic, pan-provincial examination of intermediate to felsic plutonism and its relationship to mineralization, with a particular emphasis on gold mineralization systems. Work completed under this project in a variety of areas have lead to the formulation of a working hypothesis that links diverse petrogenetic suites of intermediate to felsic intrusive rocks to the tectonic evolution of the Superior Province and gold mineralized systems to structures and a distinctive suite of mantle-derived intermediate plutons associated with an extensional orogenic collapse stage of tectonic evolution (Beakhouse 2007a, 2007b).

Field investigations carried out in the Wabigoon Subprovince during 2009 focussed on 2 general problems: contact relationships at the margins of large granitoid complexes and general characteristics of selected discrete plutons. In addition, controls on gold mineralization in several areas where mineralization is spatially associated with intermediate to felsic intrusive rocks are discussed in a companion paper as part of the more general issue of gold mineralization control in the western Wabigoon Subprovince. The locations of areas discussed are illustrated in Figure 13.1 and each of these general topics are discussed separately below.

BATHOLITH CONTACT RELATIONSHIPS

Contact relationships between large batholithic complexes and the greenstone belt were investigated along the northeastern margin of the Atikwa batholith and the southeastern margin of the Aulneau batholith. Both batholiths are large, complex multiphase complexes. Previous investigations indicate that both batholiths are synvolcanic and have a high-aluminum tonalite–trondhjemite–granodiorite (TTG) petrogenetic affinity (Davis and Edwards 1982, 1986; Davis, Blackburn and Krogh 1982; Edwards and Davis 1991; Beakhouse and McNutt 1991). Despite these broad similarities, contact relationships in these 2 areas are quite distinct.

The northeastern contact of the Atikwa batholith is characterized by an abundance of fine- to medium-grained dikes spanning a broad composition ranging from mafic to felsic. In the absence of large, good exposures, it is commonly difficult to differentiate dikes from finer grained portions of the batholith or from fine- to medium-grained metavolcanic rocks with the result that, in many areas, it is only possible to define a contact zone rather than a discrete contact. In areas where the orientation of dike contacts can be ascertained, they appear to be oriented approximately orthogonal to the regional trend of the batholith contact. All metavolcanic and intrusive rocks in the vicinity of the contact show little evidence of strain and only weak (possibly magmatic flowage) fabrics are developed locally. There is also no obvious contact metamorphic aureole.

Summary of Field Work and Other Activities 2009,
Ontario Geological Survey, Open File Report 6240, p.13-1 to 13-6.

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Outcrops examined are relatively leucocratic, biotite tonalite with a weakly to moderately well-developed foliation. Texture ranges from equigranular to quartz porphyritic. This intrusion likely has affinity with the synvolcanic TTG suite. More speculatively, the highly siliceous character (inferred from presence of quartz phenocrysts) and ytterbium enrichment in lake sediments suggest a possible low-aluminum TTG affinity although confirmation of this must await completion of whole rock geochemical analyses.

Rainy River Area Plutons

A number of exposures were examined in 3 plutons lying within an area of limited outcrop exposure near the villages of Stratton and Pinewood. The plutons examined are centred approximately 2 and 8 km north of the village of Stratton and 3 km north of the village of Pinewood (Johns 1988). All plutons have only weak, possibly magmatic fabrics and are interpreted to be relatively late intrusions, They have an approximate hornblende-biotite quartz diorite bulk composition and are characterized by the presence of minor, widely distributed dioritic enclaves and rare ultramafic clots. Magnetic susceptibility is quite variable on a variety of scales. On the basis of their general characteristics, these plutons may have affinity to the late, mantle-derived (sanukitoid) suite, but geochemical data are required to confirm this.

St. Anthony Pluton

The St. Anthony pluton is located on the eastern shore of Sturgeon Lake near the contact between the Savant–Sturgeon greenstone belt and Lewis Lake batholith and hosts the past-producing St. Anthony Mine (63 310 ounces Au and 16 341 ounces Ag) (Trowell 1983). Observations reported here are from the eastern portion of the pluton in the vicinity of the old production area. A more detailed discussion of the mineralization and setting is presented elsewhere (Ravnaas, Raoul and Wilson 2003). Further exploration of the area is currently being undertaken by Pacific Iron Ore Corporation.

The pluton is composed of biotite ± muscovite granodiorite. The origin of the muscovite is uncertain; coarse, disseminated plates comparable in size and habit to that of biotite are observed locally and may be primary, but most muscovite is associated with narrow shear zones and/or crack-seal quartz veins and is almost certainly secondary. Trowell (1983) noted that muscovite is proximal to the mineralized zone and may replace biotite. The pluton generally lacks a well-developed penetrative fabric except in the vicinity of narrow, well-foliated, north-northeast-trending, sericitic zones that host crack-seal–type quartz veins from which much of the historic gold production was derived. Within adjacent, less altered portions of the pluton, widespread irregular quartz veins suggest that these portions of the pluton underwent brittle failure during deformation. In addition to the crack-seal and irregular quartz veins, a third type of silica enrichment is represented by local isolated quartz-rich segregations within marginal portions of the pluton that are interpreted to be magmatic hydrothermal segregations.

The spatial association of gold mineralization with the St. Anthony pluton is interpreted to reflect structural control. Widespread irregular quartz veins attest to the overall more brittle character of the pluton as compared with the metavolcanic rocks. However, the presence of sericitic zones cutting the pluton parallel to the north-northeast regional stratigraphic–structural trend locally facilitated more ductile behaviour and repeated introduction of auriferous fluids during deformation leading to development of crack-seal–type veins that host most of the historic production. Sericitized portions of the pluton are reported to be K_2O enriched and Na_2O depleted (Trowell 1983) suggesting that potassic, auriferous magmatic hydrothermal fluids are potentially the mineralizing agent. If this interpretation is correct, identification of areas of potassic alteration by lithogeochemistry, gamma-ray spectrometry (coincident positive equivalent potassium (eq K) and equivalent potassium/thorium (eq K/Th) or equivalent uranium/thorium (eq U/Th) anomalies) and/or reflectance spectroscopy (K/Na in white mica) may prove to be an effective exploration tool, both within the immediate area and more regionally.

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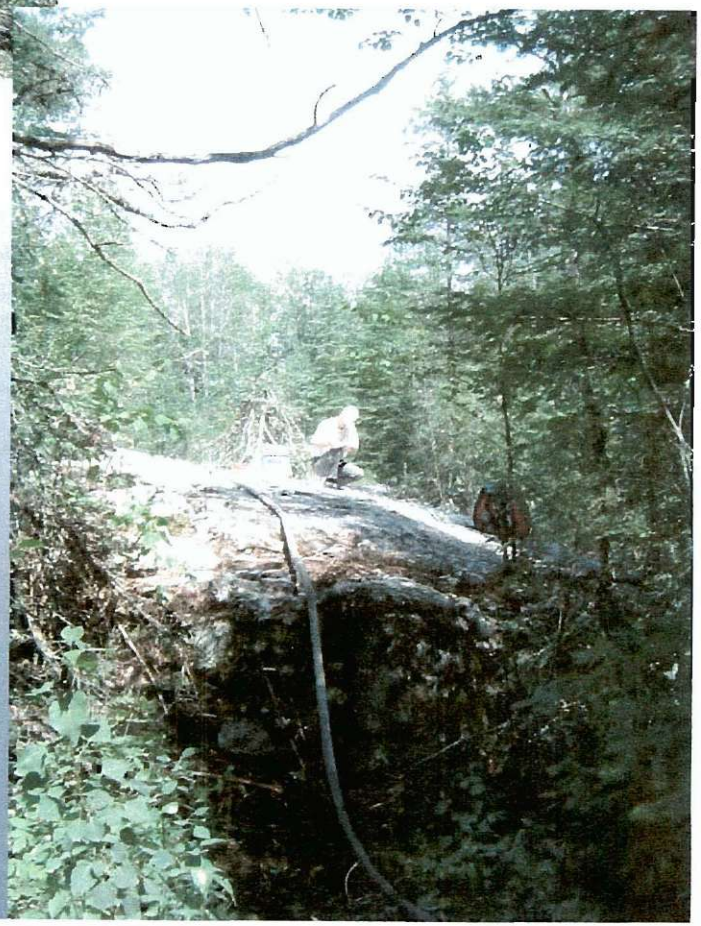
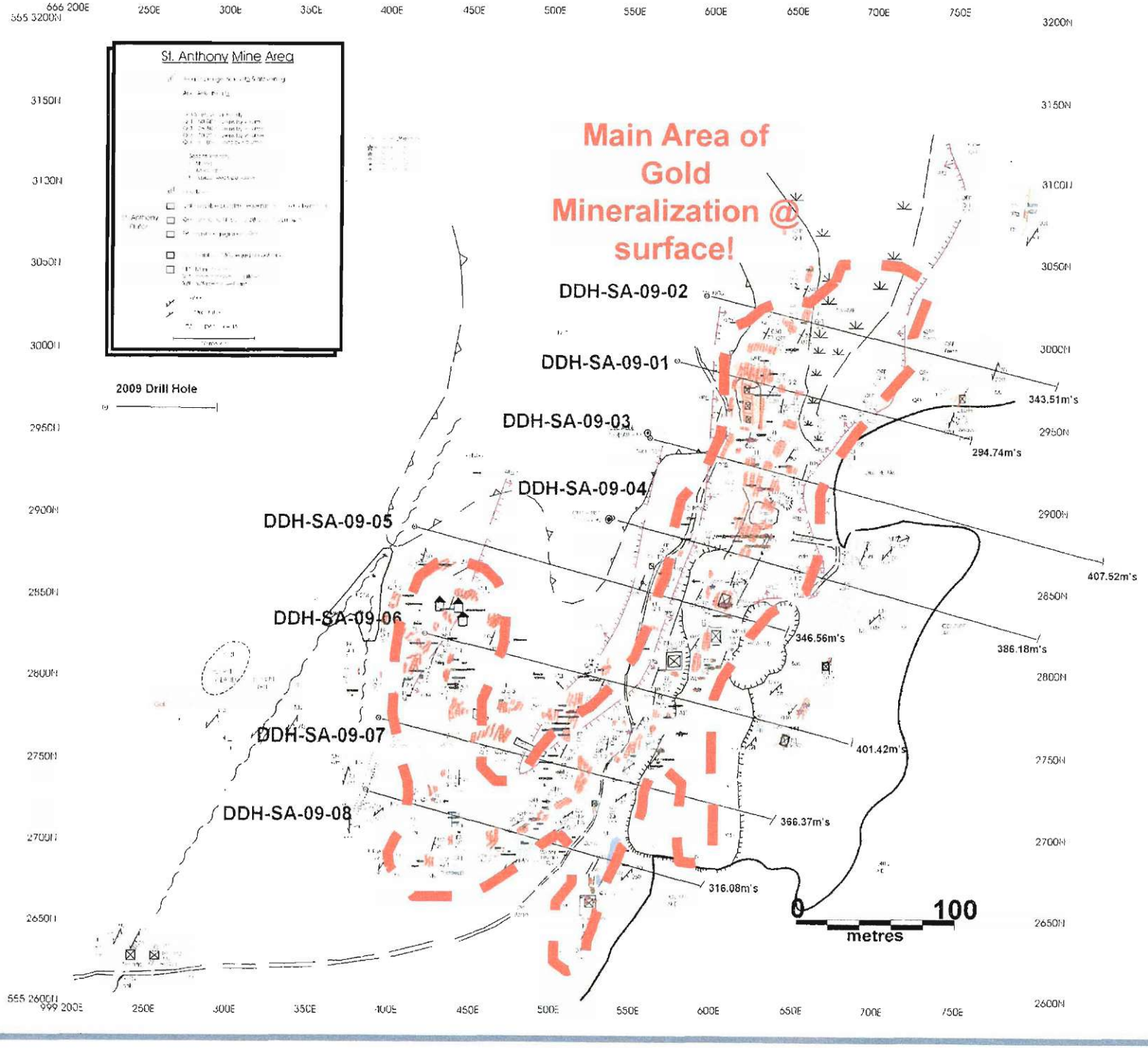
2009 Channel Program




St. Anthony Mine Area
2009 Drill Hole
Main Area of Gold Mineralization @ surface!
DDH-SA-09-02
DDH-SA-09-01
DDH-SA-09-03
DDH-SA-09-04
DDH-SA-09-05
DDH-SA-09-06
DDH-SA-09-07
DDH-SA-09-08
343.51m's
294.74m's
407.52m's
346.56m's
386.18m's
401.42m's
366.37m's
316.08m's
0
100
metres

Typical Vein Textures and widespread sericite alteration

Geologic Model

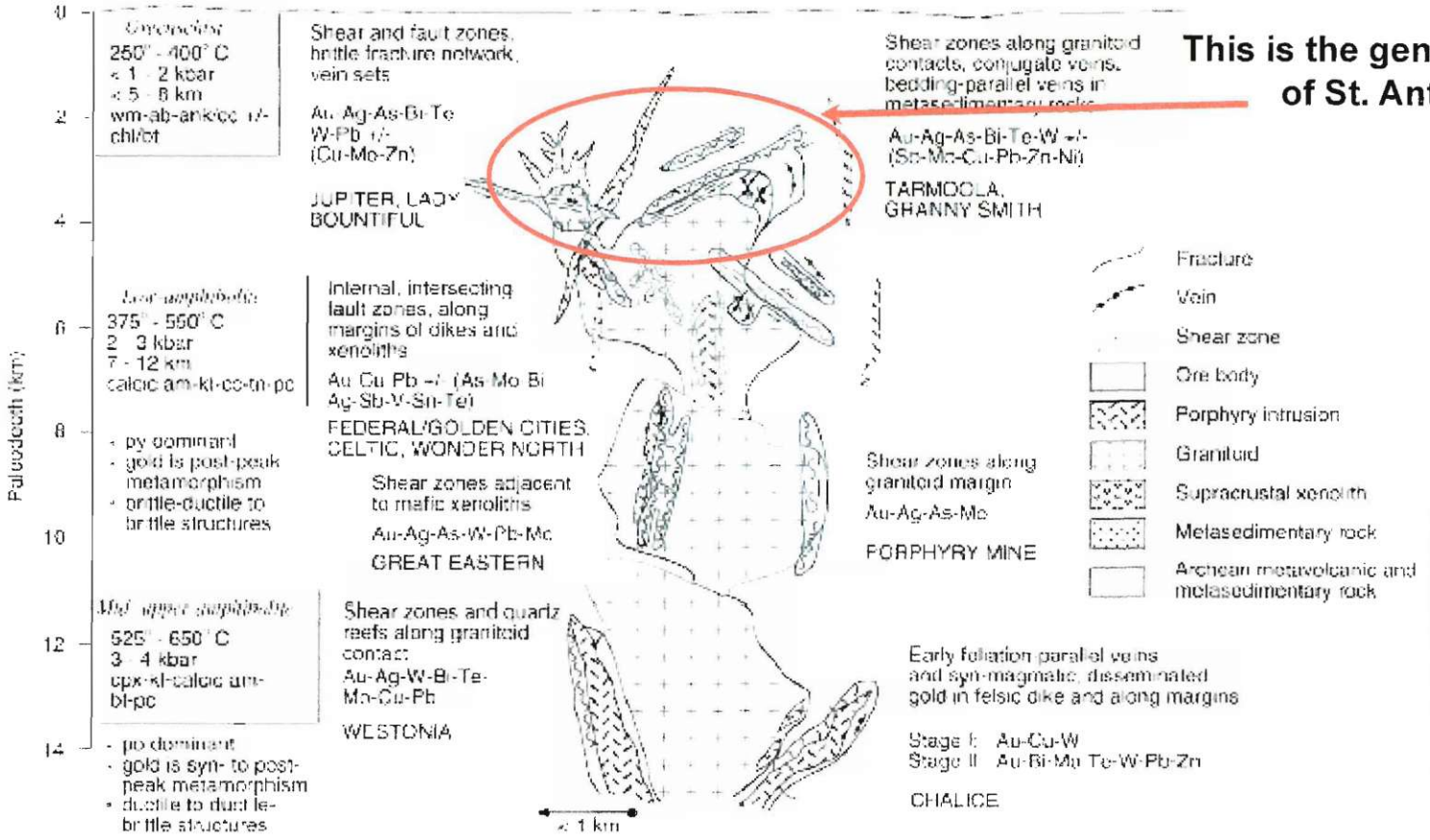


Fig. 5. Schematic cross-section that shows the distribution and nature of orogenic gold deposits that are spatially associated with granitoids in the Yilgarn Craton. Abbreviations: ab, albite; ank, ankerite; bt, biotite; calcic am, calcic amphibole; cc, calcite; chl, chlorite; cpx, clinopyroxene; kf, alkali feldspar; pc, plagioclase; po, pyrrhotite; py, pyrite; tn, titanite; wm, white mica.

Lessons Learned in 2009

- Gold mineralization and alteration is much more widespread than previously recognized or mined.
- Mineralization is not restricted to structure and/or main quartz veins.
- A crack and seal model is a rapid infiltration (and episodic) injection of veins into brittle cracks possibly fractured by the hydrothermal system (sericite alteration).
- The element association with gold is a +/- Ag, Bi, Mo, Pb, Zn,-Na signature common of intrusive related system.
- Could the cupola of the intrusive and mafic volcanics provide a physical/chemical trap focusing mineralization?

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Future Plans:

- St Anthony's:
  - Complete Permitted access road(timing uncertain?)
  - Finnish logging and splitting holes 7&8
  - Plan and Complete an expanded diamond drill program of significant targets identified through the 2009 chanelling and geological mapping and drilling to date.
  - Examine and sample the balance of the stock for potential.
  - Examine/sample/ and prioritize the other 21 Au prospects . Try and identify more St. Anthony plutons.

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west					50g Au Assay			Metallic Screen Au-SCR21	30g check Au-AA25	30g check Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
			Channel #1: East end UTMs: 666602, 5552809 azimuth 80			Number	kg	ppm	ppm	Number	ppm	ppm	ppm
1	666602	5552809	**H447001**	1.0	Quartz Feldspar Porphyry (QFP); 10-15% quartz veins/pods; ~5% sericte; 1-2% disseminated pyrite.	H447001	4.4	0.24		H447001	0.27	0.15	0.21
1	666601	5552809	**H447002**	1.0	QFP; ~5% quartz veins; minor sericite; trace pyrite.	H447002	3.42	3.65		H447002	4.08	2.47	2.75
1	666600	5552809	**H447003**	1.0	As above	H447003	5.09	0.59		H447003	0.43	0.24	0.12
			Channel #2: East end UTMs: 666598, 5552806 azimuth 100										
2	666598	5552806	**H447004**	1.0	Rock is difficult to see due to cuttings/mud, and samples were already removed. QFP with ~5% quartz veins; minor sericite; trace pyrite	H447004	3.6	0.39		H447004	0.58	0.36	0.39
2	666597	5552806	**H447005**	1.0	As above	H447005	3.49	0.03		H447005	<0.05	0.03	0.03
2	666596	5552806	**H447006**	1.0	As above	H447006	5.89	0.01		H447006	<0.05	<0.01	0.01
			Channel #3: East end UTMs: 666605, 5552805 azimuth 95										
3	666605	5552805	**H447007**	1.0	Rock is difficult to see due to cuttings/mud, and samples were already removed. QFP with 60% quartz veins/pods; moderate iron oxide (FeOx) primarily as hematite in fractures in quartz veins; trace to 1% disseminated pyrite	H447007	2.92	3.97		H447007	3.03	1.91	2.3
3	666604	5552805	**H447008**	1.0	As above, with only ~15-20% quartz veining	H447008	6.55	1.58		H447008	1.37	0.94	0.79
3	666603	5552805	**H447009**	1.0	As above	H447009	4.88	0.11		H447009	0.25	0.17	0.18
			Channel #4: East end UTMs: 666601, 5552804; starts ~30 cm south of west end of H447009 azimuth 85										
4	666601	5552804	**H447010**	1.0	Rock is difficult to see due to cuttings/mud, and samples were already removed. QFP with ~15-20% quartz veins/pods: moderate iron oxide (FeOx) primarily as hematite in fractures in quartz veins; trace to 1% disseminated pyrite	H447010	6.01	1.74		H447010	0.74	0.43	0.38
4	666600	5552804	**H447011**	1.0	As above	H447011	6.66	0.10		H447011	0.2	0.14	0.14
4	666599	5552804	**H447012**	1.0	As above	H447012	5.95	0.04		H447012	<0.05	0.04	0.02
4	666598	5552804	**H447013**	0.5	As above	H447013	2.28	0.05		H447013	0.05	0.06	0.01
			Channel #5: East end UTMs: 666595, 5552798 azimuth 125										
5	666595	5552798	**H447014**	1.0	QFP with 50-60% quartz veins; moderate FeOx fractures; trace pyrite	H447014	3.33	0.16	0.11	H447014	0.1	0.11	0.1
5	666594	5552798	**H447015**	1.0	As above	H447015	5.19	0.03	0.02	H447015	<0.05	0.02	0.02
5	666593	5552798	**H447016**	0.5	As above	H447016	2.03	1.38	0.15	H447016	0.26	0.15	0.14
			Channel #6: East end UTMs: 666593, 5552791 azimuth 125										
6	666593	5552791	**H447017**	1.0	Rock is too muddy to see, and samples were already removed.	H447017	3.56	0.10	0.02	H447017	0.11	0.06	0.09
6	666592	5552791	**H447018**	1.0	As above	H447018	3.51	1.30	1.12	H447018	1.78	1.02	0.89
6	666591	5552791	**H447019**	1.0	As above	H447019	3.14	0.01	0.01	H447019	0.07	0.02	0.01
6	666590	5552791	**H447020**	0.5	As above	H447020	2.32	4.92	3.15	H447020	3.51	2.68	2.03
			Channel #7: East end UTMs: 666571, 5552803 azimuth 100										
7	666571	5552803	**H447021**	1.0	Rock is too muddy to see, and samples were already removed. Doesn't appear to be much quartz veining	H447021	3.82	0.15		H447021	0.09	0.1	0.06
7	666570	5552803	**H447022**	1.0	As above	H447022	5.94	0.20		H447022	0.07	0.08	0.06
7	666569	5552803	**H447023**	1.4	As above	H447023	4.54	0.03		H447023	<0.05	0.06	0.03
7	666568	5552803	**H447024**	1.2	As above	H447024	3.26	0.02		H447024	<0.05	0.04	0.02
7	666567	5552803	**H447025**	1.0	As above	H447025	5.83	0.05		H447025	0.06	0.05	0.06
			Channel #8: East end UTMs: 666561, 5552816 azimuth 100										
8	666561	5552816	**H447026**	0.9	Quartz-poor granite; locally moderate sericite; rare quartz veins; trace pyrite	H447026	4.4	0.01		H447026	<0.05	0.01	0.01
8	666561	5552816	**H447027**	1.0	As above	H447027	5.2	0.01		H447027	<0.05	0.02	0.01
8	666560	5552816	**H447028**	1.0	As above	H447028	4.44	0.01		H447028	<0.05	0.01	0.01
8	666559	5552816	**H447029**	1.0	As above	H447029	5.38	0.01		H447029	<0.05	0.02	0.05
8	666558	5552816	**H447030**	1.0	As above	H447030	6.1	0.02		H447030	<0.05	0.03	0.01
8	666557	5552816	**H447031**	1.0	As above	H447031	6.9	0.01		H447031	<0.05	0.01	0.02
8	666556	5552816	**H447032**	1.0	As above	H447032	6.45	0.03		H447032	0.06	0.04	0.07
8	666555	5552816	**H447033**	1.0	As above	H447033	8.1	0.05		H447033	0.46	0.26	0.13
8	666554	5552816	**H447034**	1.0	As above, with moderate increase in sericite; occasional quartz vein up to ~1 cm; trace pyrite	H447034	7.13	0.06		H447034	0.09	0.07	0.05
			Channel #9: East end UTMs: 666611, 5552836 azimuth 125										
9	666611	5552836	**H447035**	1.5	~60-70% quartz veins with moderate FeOx in fractures; moderate sericite; trace pyrite	H447035	5.25	41.10		H447035	38.1	25.4	25.7
9	666610	5552836	**H447036**	1.0	~60-70% quartz veins with moderate FeOx in fractures; moderate sericite; trace pyrite	H447036	3.32	4.53		H447036	5.11	2.39	2.79
9	666609	5552836	**H447037**	1.0	Quartz veins decrease to ~15-20; sericite alteration also weaker; trace pyrite	H447037	4.22	0.04		H447037	0.17	0.16	0.16
9	666608	5552836	**H447038**	1.0	As above	H447038	4.22	0.03		H447038	<0.05	0.03	0.05
9	666607	5552836	**H447039**	0.5	As above	H447039	1.56	0.16		H447039	0.35	0.16	0.19
9	666606	5552836	**H447040**	0.6	As above	H447040	2.07	0.28		H447040	0.12	0.08	0.11

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west					50g Au Assay			Metallic Screen	30g check	30g check
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au-SCR21 Au Total	Au-AA25 Au	Au-AA25D Au
9	666605	5552836	H447041	1.0	As above	H447041	3.48	0.01		H447041	<0.05	<0.01	0.01
9	666604	5552836	H447042	1.0	<5% quartz veining; weak sericite; trace pyrite	H447042	3.88	0.01		H447042	<0.05	0.01	0.01
9	666603	5552836	H447043	0.5	As above	H447043	1.43	0.15		H447043	0.08	0.06	0.09
9	666602	5552836	H447044	0.7	5-10% quartz veins; weak sericite; trace pyrite	H447044	1.89	0.06		H447044	0.13	0.11	0.15
9	666601	5552836	H447045	1.0	5-10% quartz veins; weak sericite; trace pyrite	H447045	3.48	0.04		H447045	0.14	0.03	0.1
9	666601	5552836	H447046	1.0	No quartz veining; weak sericite; trace pyrite	H447046	2.67	0.02		H447046	0.05	0.08	0.02
			Channel #10: East end UTMs: 666605, 5552843 azimuth 155										
10	666605	5552843	H447047	1.2	~10% quartz veins; weak sericite; trace pyrite	H447047	4	0.03		H447047	0.05	0.04	0.04
			Channel #11: East end UTMs: 666601, 5552845 azimuth 165										
11	666601	5552845	H447048		As above; occasional vugs with local iron-carbonate and FeOx; trace pyrite	H447048	3.31	0.06		H447048	0.09	0.06	0.08
			Channel #12: East end UTMs: 666612, 5552843 azimuth 100										
12	666612	5552843	H447051	0.5	~25% quartz veins with minor FeOx fractures; moderate sericite; trace pyrite and galena	H447051	1.3	0.02		H447051	1	0.07	0.06
12	666611	5552843	H447052	1.0	~5-10% quartz veins with minor FeOx; minor sericite; trace pyrite.	H447052	3.95	11.60		H447052	5.68	3.46	3.25
12	666610	5552843	H447053	1.0	~10% quartz veins up to ~1 cm; weak to locally moderate sericite; trace pyrite	H447053	3.73	2.24		H447053	2.61	2.03	1.95
12	666609	5552843	H447054	1.0	~60% massive quartz with weak to moderate FeOx fractures; local moderate sericite; trace pyrite and sphalerite	H447054	4.1	54.30		H447054	61.1	29.9	30.8
12	666608	5552843	*H447055	1.0	*V.G. ~60-70% quartz veins with moderate FeOx fractures; local moderate sericite; ~1% pyrite, primarily in one blob ~5 cm; several flecks of V.G. ~2 cm from coarse pyrite, in quartz vein	H447055	4.4	6.04		H447055	5.12	2.61	2.22
12	666607	5552843	H447056	1.0	~60-70% quartz veins with moderate FeOx in fractures; local moderate sericite; trace pyrite in occasional coarse grains in quartz veins (up to ~1 cm)	H447056	3.64	39.70		H447056	39.4	15.4	14.3
12	666606	5552843	H447057	1.2	~25-30% quartz veins with FeOx; moderate sericiet; trace fine-grained pyrite	H447057	6.07	16.80		H447057	13.15	8.46	8.72
12	666605	5552843	H447058	0.8	~90% quartz veins with FeOx fractures; local moderate sericite; trace fine to medium grained pyrite	H447058	2.72	0.71		H447058	0.35	0.24	0.21
			Channel #13: East end UTMs: 666601, 5552854 azimuth 140										
13	666601	5552854	H447049		~5% quartz veins; weak sericite; trace pyrite	H447049	4.44	0.40		H447049	1.04	0.29	0.21
13	666600	5552854	H447050		~5% quartz veins; weak sericite; trace pyrite	H447050	3.38	39.80		H447050	42.3	17.05	16.55
			Channel #14: East end UTMs: 666601, 5552854; sample C141503 is at east end; 01 at west end azimuth 110										
14	666601	5552854	C141503		Mafic volcanic just east of contact with the felsic intrusive; pillowed to massive; minor carbonate; trace sulphides	C141503	2.76	0.01					
14	666600	5552854	C141502		As above	C141502	6.19	0.01					
14	666599	5552854	C141501		As above	C141501	4.67	0.01					
			Channel #15: East end UTMs: 666634, 5552886 azimuth 125										
15	666634	5552886	*H447059	1.0	*V.G. ~40% quartz veins with FeOx fractures; local weak to moderate sericite; trace coarse pyrite	H447059	3.56	0.30		H447059	4.89	2.48	2.54
15	666633	5552886	H447060	1.1	40-50% quartz vein as above; local weak sericite; trace coarse pyrite (up to 2-3 cm) in quartz veins	H447060	6.16	5.86		H447060	5.05	1.93	1.56
			Channel #16: East end UTMs: 666635, 5552879 azimuth 110										
16	666635	5552879	H447061	1.0	~60-70% quartz veins with FeOx fractures; weak to moderate sericite; trace very fine grained pyrite	H447061	4.24	2.45		H447061	3.2	1.07	0.81
16	666634	5552879	H447062	1.0	As above, with only ~20% quartz veins	H447062	5.37	0.06		H447062	0.14	0.1	0.07
16	666633	5552879	H447063	0.7	~50-60% quartz veins with weak FeOx fractues; moderate sericite; trace fine to medium grained pyrite	H447063	2.96	2.02		H447063	3.79	1.55	1.24
16	666632	5552879	H447064	1.0	Sample starts ~1 m south of west end of H447063; ~20% quartz veins with FeOx fractures; local moderate sericite; trace fine grained pyrite	H447064	4.94	0.23		H447064	0.19	0.2	0.14
16	666631	5552879	H447065	0.9	~50-60% quartz veins with moderate FeOx fractues; moderate sericite; trace pyrite, galena and sphalerite (+ chalcopyrite)	H447065	3.49	1.26		H447065	0.87	0.55	0.55
16	666630	5552879	H447066	1.3	~80% quartz vein as above; local moderate sericite; trace very fine grained pyrite.	H447066	5.96	1.83		H447066	2.42	1.02	1.09
16	666629	5552879	H447067	1.0	East end of H447067 is ~2m south of the west end of H447066; ~50% quartz vein with moderate FeOx fractures; trace very fine grained pyrite.	H447067	3.45	0.02		H447067	<0.05	0.04	0.02
16	666628	5552879	H447068	1.0	~60-70% quartz vein with moderate FeOx fractures; local moderate sericite; trace very fine grained pyrite (possibly fine V.G.).	H447068	3.62	1.44		H447068	10.95	3.19	3.19
16	666627	5552879	H447069	1.0	~75% quartz veins as above; local weak sericite; trace pyrite.	H447069	5.35	2.32		H447069	1.29	0.75	0.72
16	666626	5552879	H447070	1.0	As above, with ~0.5% pyrite up to 3 cm, and trace to 0.5% sphalerite (?)	H447070	4.97	0.23		H447070	0.2	0.16	0.19
16	666625	5552879	H447071	1.0	~30% quartz veins with moderate FeOx fractures; weak to moderate sericite; trace pyrite and sphalerite; sphalerite (?) is both amber and dark.	H447071	7.01	0.02		H447071	0.05	0.04	0.04
16	666624	5552879	H447072	1.0	As above with 0.5-1% fine to medium grained disseminated pyrite, locally coarse grained.	H447072	3.33	0.80		H447072	0.19	0.06	0.09

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west									Metallic Screen	30g check	30g check
								50g Au Assay				Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
16	666623	5552879	H447073	1.0	East end of H447073 is ~3 m north of west end of H447072; 50-60% quartz vein with moderate FeOx fractures; weak sericite; trace fine grained pyrite.	H447073	3.47	0.12		H447073	0.37	0.18	0.37
16	666622	5552879	H447074	1.0	~25% quartz vein as above; weak sericite; trace fine grained pyrite.	H447074	4.15	0.86		H447074	0.49	0.3	0.42
16	666621	5552879	H447075	1.0	As above	H447075	4.95	1.09		H447075	0.09	0.08	0.07
			Channel #17: East end UTMs: 666618, 5552882 azimuth 115											
17	666618	5552882	H447076	1.0	~20% quartz veins with moderate FeOx; weak sericite; weak to moderate FeOx in QFP; trace fine to medium grained pyrite.	H447076	3.83	0.08		H447076	0.27	0.16	0.16
17	666617	5552882	H447077	1.0	~25% quartz veins with weak FeOx; weak sericite; moderate Fe)x in QFP; trace to 0.5% fine to medium grained pyrite	H447077	5.3	0.30		H447077	0.08	0.09	0.04
17	666616	5552882	H447078	1.0	~10-15% quartz veins; weak FeOx in veins and QFP; trace fine to medium grained pyrite, with occasional medium grained (~0.5 cm) cubes in the veins.	H447078	4.12	0.02		H447078	0.08	0.05	0.04
17	666615	5552882	H447079	1.0	~5% quartz veins; weak FeOx in veins and QFP; trace fine grained disseminated pyrite.	H447079	4.12	0.01		H447079	<0.05	0.01	<0.01
17	666614	5552882	H447080	1.0	As above	H447080	4.15	0.01		H447080	<0.05	0.03	0.01
17	666613	5552882	H447081	1.0	As above	H447081	6.24	0.04		H447081	0.08	0.06	0.06
			Channel #18: East end UTMs: 666618, 5552896 azimuth 100											
18	666618	5552896	H447082	1.0	~5-10% quartz veins; minor FeOx; weak local sericite; trace pyrite (+chalcopyrite?)	H447082	4.18	0.10		H447082	<0.05	<0.01	0.02
18	666617	5552896	H447083	1.0	~20% barren quartz veins (no FeOx); weak sericite; trace pyrite + chalcopyrite.	H447083	4.57	0.02					
18	666616	5552896	H447084	1.0	<5% quartz veins/pods with local moderate FeOx (possibly some iron-carbonate?); trace fine to medium grained pyrite in quartz vein; weak sericite.	H447084	5.09	0.01					
18	666615	5552896	H447085	0.9	15-20% quartz vein with weak to medium FeOx; weak sericite; trace fine to medium grained pyrite.	H447085	3.62	0.02					
18	666614	5552896	H447086	1.0	~5% quartz veins (no FeOx); weak sericite; trace pyrite + chalcopyrite	H447086	3.07	1.95		H447086	1.87	0.87	0.77
			Channel #19: East end UTMs: 666612, 5552893 azimuth 100											
19	666612	5552893	H447087	1.0	~2% quartz veins; weak FeOx in QFP; weak sericite; trace fine grained pyrite.	H447087	4.86	0.02					
19	666613	5552893	H447088	1.0	~5% quartz veins with moderate FeOx in veins; trace fine to coarse grained pyrite in quartz vein and very fine grained in QFP.	H447088	6.84	0.01					
			Channel #20: East end UTMs: 666638, 5552885 azimuth 125											
20	666638	5552885	H447089	1.0	~30% quartz veins with occasional FeOx fractures; weak to moderate sericite in QFP; trace fine grained pyrite in QFP, occasioanl coarse grains in quartz vein	H447089	4.82	0.07		H447089	0.07	0.09	0.05
20	666637	5552885	H447090	1.0	~40-50% quartz veins/pods with moderate FeOx fractures and occasional coarse pyrite up to several centimetres; weak to moderate sericite in QFP; trace to 0.5% very fine grained pyrite in QFP	H447090	4.74	2.33		H447090	1.87	1.46	1.09
20	666636	5552885	H447091	1.0	As above, with trace to 0.5% fine grained disseminated and stringer pyrite in veins and QFP (no coarse pyrite)	H447091	4.33	8.43		H447091	12.05	5.42	5.42
20	666635	5552885	H447092	1.0	~25-30% quartz veins/pods; weak to moderate sericite; moderate FeOx fractures; trace fine to medium grained disseminated pyrite.	H447092	4.53	0.01			0.01		
20	666634	5552885	H447093	1.0	~70% quartz veins with moderate FeOx fractures; weak sericite;0.5% fine to medium grained pyrite + shpalerite + galena	H447093	6.02	0.12		H447093	0.81	0.46	0.35
20	666633	5552885	H447094	1.0	~50% quartz veins with less FeOx fractures; weak sericite; trace to 0.5% very fine grained disseminated pyrite in QFP, and occasional coarse pyrite in veins.	H447094	7.49	0.07		H447094	0.1	0.04	0.08
20	666632	5552885	H447095	1.0	~50% quartz veins with moderate FeOx fractures; weak sericite; trace to 0.5% very fine grained pyrite in QFP with occasional coarse grains (up to 1 cm) in veins	H447095	5.87	0.35		H447095	0.31	0.18	0.16
20	666631	5552885	H447096	1.0	~30-35% quartz with moderate FeOx fractures, weak to moderate sericite; trace fine grained pyrite with occasional coarse grains (up to ~0.7 cm) in quartz veins	H447096	4.84	3.86		H447096	0.16	0.17	0.09
20	666630	5552885	H447097	0.5	~60% quartz veins with moderate FeOx fractures; moderate sericite; trace fine to medium grained pyrite + chalcopyrite (+ galena?)	H447097	2.01	3.07		H447097	2.06	0.6	0.87
20	666629	5552885	H447098	0.5	~40% quartz veins with weak to moderate FeOx fractures; trace to 0.5% very fine grained to fine grained pyrite (+ galena?;	H447098	1.52	0.18		H447098	0.07	0.03	0.05
20	666628	5552885	H447099	1.0	~45-50% quartz veins with moderate FeOx fractures; weak to moderate sericite; 0.5-1% pyrite (+ chalcopyrite) with very fine grained pyrite in QFP and medium to coarse pyrite in veins	H447099	4.51	0.49		H447099	0.35	0.21	0.26
20	666627	5552885	H447100	1.0	~30% quartz veins with moderate FeOx fractures; weak sericite; 0.5% very fine grained pyrite in QFP and medium grained pyrite in veins.	H447100	3.88	0.04			0.04		
20	666626	5552885	H447101	1.0	~20-25% quartz veins with weak to moderate FeOx fractures; moderate sericiet; 0.5% very fine grained disseminated pyrite with medium to coarse grains in veins.	H447101	4	0.02			0.02		
20	666625	5552885	H447102	1.0	As above	H447102	3.48	1.19		H447102	0.84	0.6	0.61
20	666624	5552885	H447103	1.0	As above, with minor chalcopyrite and galena in QFP, and increase in coarse pyrite along vein margins.	H447103	3.74	0.53		H447103	0.72	0.54	0.55
20	666623	5552885	H447104	1.0	~25-30% quartz veins with moderate FeOx fractures; moderate sericite; trace-0.5% very fine grained disseminated pyrite and occasional pod of sphalerite in quartz vein.	H447104	3.36	0.23		H447104	0.29	0.33	0.15
20	666622	5552885	H447105	1.0	~10-15% quartz vein with moderate FeOx fractures; weak sericite; trace very fine grained pyrite throughout, with occasional coarse grains in veins.	H447105	5.48	0.04			0.04		
20	666621	5552885	H447106	1.0	As above	H447106	4.68	0.21		H447106	0.16	0.16	0.12
20	666620	5552885	H447107	1.0	95% quartz vein with weak FeOx fractures; remaining 5% is sericite; trace fine grained pyrite	H447107	4.18	0.18		H447107	0.74	0.44	0.43

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west									Metallic Screen	30g check	30g check
								50g Au Assay				Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
20	666619	5552885	H447108	1.0	90% quartz vein with weak to moderate FeOx; weak to moderate sericite; trace fine grained pyrite	H447108	3.84	2.41		H447108	2.33	1.07	0.98
20	666618	5552885	H447109	1.0	10% quartz veins with moderate FeOx; weak to moderate FeOx in QFP; weak sericite; trace very fine grained pyrite in QFP and medium grained in quartz veins	H447109	4.33	0.90		H447109	0.91	0.77	0.93
20	666617	5552885	H447110	1.0	As above	H447110	2.7	0.02			0.02		
20	666616	5552885	H447111	1.0	As above, with 5% quartz veins	H447111	5.05	0.01			0.01		
20	666615	5552885	H447112	1.0	~10% quartz veins with moderate FeOx fractures; local moderate sericite; trace very fine grained pyrite with occasional medium grained py in veins	H447112	7.14	0.09		H447112	0.07	0.07	0.05
20	666614	5552885	H447113	1.0	10-15% quartz veins with weak to moderate FeOx throughout QFP; trace very fine grained pyrite	H447113	5.58	0.07		H447113	0.07	0.07	0.05
20	666613	5552885	H447114	1.0	~10-15% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite; moderate	H447114	4.55	0.01					
20	666612	5552885	H447115	1.0	~5% quartz veins with moderate FeOx; no sericite - moderate FeOx through QFP; trace very fine grained pyrite	H447115	4.95	2.01		H447115	1.66	0.94	1.1
20	666611	5552885	H447116	0.5	~2% quartz veins; weak sericite; weak to moderate FeOx inQFP; trace very fine grained pyrite	H447116	4.29	0.01			0.01		
20	666610	5552885	H447117	0.5	As above with ~5% quartz veins and occasional medium grained pyrite in quartz veins	H447117	3.07	0.01			0.01		
20	666609	5552885	H447118	1.0	As above	H447118	5.15	0.04			0.04		
20	666608	5552885	H447119	1.0	~30% quartz veins with moderate FeOx fractures and occasional medium to coarse grained pyrite; no sericite - moderate FeOx throughout QFP, with a mottled or spotted appearance due to FeOx staining around former pyrite(?); trace very fine grained pyrite	H447119	4.67	0.02			0.02		
20	666607	5552885	H447120	1.0	As above, with ~15-20% quartz veins	H447120	5.35	1.48		H447120	0.05	0.07	0.02
20	666606	5552885	H447121	1.0	~5% quartz veins with moderate FeOx and medium to coarse pyrite grains; local moderate sericite; trace pyrite overall, primarily fine grained disseminated	H447121	5.08	0.29		H447121	0.11	0.08	0.12
20	666605	5552885	H447122	1.0	~30-35% quartz veins with weak to moderate FeOx fractures and occasional medium to coarse pyrite; weak sericite; weak FeOx in QFP	H447122	4.58	0.01			0.01		
20	666604	5552885	H447123	1.0	As above with ~20% quartz veins	H447123	4.29	0.01			0.01		
20	666603	5552885	H447124	1.0	As above	H447124	5.57	0.23		H447124	1.83	1.17	1.29
			Channel #21: East end UTMs: 666628, 5552929 azimuth 100										
21	666628	5552929	H447125	1.0	~15-20% quartz veins with moderate FeOx fractures; weak to moderate sericite; 0.5% very fine grained pyrite with occasional medium to coarse grained pyrite in quartz veins	H447125	3.91	0.19		H447125	0.07	0.06	0.04
21	666627	5552929	H447126	1.0	~15-20% quartz veins with weak to moderate FeOx; moderate sericite; 1% pyrite primarily as mediumk to coarse grains in quartz veins but also very fine grained disseminated in QFP	H447126	5.23	0.13		H447126	0.24	0.18	0.22
21	666626	5552929	H447127	1.0	80% quartz veins with weak to moderate FeOx fractures; local moderate sericite; trace pyrite, primarily as medium to coarse grains in quartz veins	H447127	3	0.41		H447127	0.16	0.1	0.13
21	666625	5552929	H447128	0.8	100% quartz vein with weak to locally moderate FeOx fractures; trace fine grained pyrite	H447128	3.08	8.05		H447128	8.12	4.98	5.11
			Channel #22: East end UTMs: 666626, 5552944 azimuth 115										
22	666626	5552944	H447129	1.0	~15-20% quartz veins with local weak FeOx; local moderate sericite; trace to 0.5% very fine grained pyrite, with medium to coarse grains in veins	H447129	3.99	1.37		H447129	1.6	1.01	1.01
22	666625	5552944	H447130	1.0	~10-15% quartz veins with weak to moderate FeOx fractures; weak sericite; trace very fine grained pyrite in QFP and medium grained in veins	H447130	3.09	0.06		H447130	0.13	0.14	0.08
22	666624	5552944	H447131	1.0	~75% quartz veins with local weak FeOx - quartz vein is generally barren; local weak sericite; trace medium grained pyrite in vein.	H447131	4.33	2.15		H447131	0.59	0.58	0.54
22	666623	5552944	H447132	1.0	~40% quartz veins with weak to moderate FeOx fractures; local weak sericite; trace very fine grained to medium grained pyrite	H447132	2.67	22.50		H447132	10.05	6.7	5.74
22	666622	5552944	H447133	1.0	80% quartz veins with local weak to moderate FeOx fractures - vein is ~50% barren; moderate sericite; trace very fine to fine grained pyrite, galena and chalcopyrite	H447133	4.41	2.34		H447133	1.89	1.01	0.85
22	666621	5552944	H447134	1.0	<5% quartz vein - barren to weak FeOx; moderate sericite; trace to 0.5% very fine grained disseminated pyrite (+ chalcopyrite)	H447134	2.82	0.03			0.03		
22	666620	5552944	H447135	1.0	10-15% quartz veins with weak FeOx fractures: moderate sericite; 0.5% very fine grained pyrite with medium grains in quartz vein	H447135	4.35	0.05			0.05		
22	666619	5552944	H447136	1.0	As above	H447136	3.79	0.03			0.03		
22	666618	5552944	H447137	1.0	as above, with minor galena + chalcopyrite	H447137	4.26	0.07		H447137	0.06	0.07	0.03
22	666617	5552944	H447138	1.0	~5% quartz vein with moderate FeOx fractures;weak sericite; 0.5% very fine grained pyrite	H447138	4.64	0.05		H447138	0.06	0.04	0.08
22	666616	5552944	H447139	1.0	~10-15% quartz veins with weak to moderate FeOx fractures; traceto 0.5% very fine grained pyrite with occasional medium grains in veins	H447139	3.95	0.12		H447139	0.9	0.51	0.55
22	666615	5552944	H447140	0.8	~2% quartz vein (1 vein 1-2 cm wide) with weak FeOx and sericite;	H447140	3.84	0.30		H447140	0.23	0.1	0.25
			Channel #23: East end UTMs: 666632, 5552947 azimuth 120										
23	666632	5552947	H447141	1.0	~5% quartz veins with moderate to strong FeOx fractures; local weak sericite; trace very fine grained pyrite with occasional medium to coarse grains in veins	H447141	2.72	0.03					
23	666631	5552947	H447142	1.0	As above	H447142	2.88	0.02					
23	666630	5552947	H447143	1.0	As above	H447143	2.73	0.01					
23	666629	5552947	H447144	1.0	20% quartz vein with moderate FeOx fractures; weak sericte; trace very fine grained disseminated pyrite	H447144	3.77	0.02					

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west								Metallic Screen	30g check	30g check
								50g Au Assay			Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
23	666628	5552947	H447145	1.0	~1% quartz vein - no FeOx in vein, weak - moderate FeOx in QFP: weak sericite, trace fine grained disseminated pyrite	H447145	5.26	0.46		H447145	0.51	0.56	0.44
23	666627	5552947	H447146	0.8	~5% quartz vein with moderate FeOx fractures;weak sericite; trace very fine grained pyrite and coarse pyrite in vein	H447146	4.48	0.05					
			Channel #24: East end UTMs: 666636, 5552955 azimuth 130										
24	666636	5552955	H447147	1.0	~10-15% quartz veins with moderate FeOx fractures; weak sericite; trace pyrite - mainly a medium to coarse grains in quartz veins	H447147	4.62	0.02					
24	666635	5552955	H447148	1.0	*20-25% quartz veins with weak FeOx; weak sericite; trace pyrite - medium to coarse grained in the veins*	H447148	4.96	0.07					
24	666634	5552955	H447149	1.0	~5% quartz veins with moderate FeOx; weak sericite; trace pyrite	H447149	4.75	0.03					
24	666633	5552955	H447150	0.7	2-3% quartz veins with weak FeOx; weak sericite; trace pyrite	H447150	3.39	0.03					
			Channel #25: East end UTMs: 666641, 5552971 azimuth 125										
25	666641	5552971	H447151	1.0	20-25% quartz veins with weak to moderate FeOx; weak sericite; trace pyrite - very fine grained in QFP and occasional medium to coarse grains in the veins	H447151	3.56	0.05					
25	666640	5552971	H447152	1.0	~5-10% quartz veins - generally barren with local weak FeOx; weak sericite; trace to 0.5% very fine *grained* pyrite in QFP with local medium grains in veins	H447152	3.76	0.02					
25	666639	5552971	H447153	1.0	*~5% quartz veins with moderate to strong FeOx (possibly some iron-carbonate); weak sericite; trace* very fine grained pyrite with medium grains in veins	H447153	3.37	0.01					
25	666638	5552971	H447154	1.0	~15% quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% very fine grained disseminated pyrite with occasional medium grains in veins	H447154	3.6	0.04					
25	666637	5552971	H447155	1.0	Sample is in two parts - the west half is stepped out ~0.7 m south of east half; ~5-10% quartz vein with weak to locally moderate FeOx fractures; weak to locally moderate sericite; trace very fine grained pyrite	H447155	3.63	0.03					
25	666636	5552971	H447156	1.0	2-3% barren quartz veins; moderate sericite; 0.5% very fine grained pyrite (+ chalcopyrite?)	H447156	4.97	0.02					
25	666635	5552971	H447157	1.0	15-20% quartz veins with local moderate FeOx; weak to locally moderate sericite; trace very fine grained pyrite	H447157	4.44	0.01					
25	666634	5552971	H447158	1.0	~10% quartz veins with weak to moderate FeOx; local moderate sericite; trace to 0.5% fine grained disseminated pyrite and chalcopyrite	H447158	5.02	0.02					
25	666633	5552971	H447159	1.0	2-3% quartz vein, local moderate sericite; no FeOx; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447159	5.78	0.01					
25	666632	5552971	H447160	1.0	Note: sample H447160 steps south ~3m. ~10-15% quartz veins with weak FeOx; weak sericite;	H447160	5.18	0.04					
25	666631	5552971	H447161	1.0	1% thin quartz veins, no FeOx; weak sericite; trace to 0.5% fine grained disseminated pyrite + chalcopyrite	H447161	6.13	0.01					
25	666630	5552971	H447162	1.0	~10% quartz veins with weak FeOx; weak sericite; trace very fine grained pyrite (+ chalcopyrite?)	H447162	5.62	0.02					
25	666629	5552971	H447163	1.0	Sample is in 2 parts - west half is south ~2m; ~5-10% quartz vein in 2 veins - one barren and one with strong FeOx and occasional medium grained pyrite; weak sericite; 0.5% very fine grained pyrite	H447163	5.64	0.03					
25	666628	5552971	H447164	1.0	~40% quartz veins with weak to moderate FeOx; moderate sericite; trace fine to medium grained pyrite (+ galena?)	H447164	5.88	0.45		H447164	1.1	0.39	0.4
25	666627	5552971	H447165	1.0	~15% quartz veins with moderate to locallt strong FeOx; moderate sericite; trace very fine grained disseminated pyrite with occasional medium grains in veins	H447165	5.61	0.02					
25	666626	5552971	H447166	1.0	~15-20% quartz veins with weak to moderate FeOx; local moderate sericite; trace fine grained pyrite	H447166	6.5	0.03					
			Channel #26: East end UTMs: 666618, 5552967 azimuth 120										
26	666618	5552967	H447167	1.0	15-20% quartz veins, some barren, some with weak to moderate FeOx; weak sericite; trace to 0.5% very fine grained pyrite with occasional medium grains in veins	H447167	4.78	0.04					
26	666617	5552967	H447168	1.0	As above, with moderate sericite, trace very fine grained pyrite	H447168	5.72	0.13		H447168	0.19	0.1	0.09
26	666616	5552967	H447169	1.0	25-30% quartz veins with weak to moderate FeOx; moderate sericite; trace fine grained pyrite	H447169	4.84	0.03					
			Channel #27: East end UTMs: 666611, 5552962 azimuth 125										
27	666611	5552962	H447170	1.0	10-15% quartz veins with weak to moderate FeOx, weak sericite; trace pyrite	H447170	4.4	0.02			0.02		
27	666610	5552962	H447171	1.0	<5% quartz veins with weak FeOx; weak sericite; trace fine to medium grained pyrite	H447171	2.46	0.01			0.01		
27	666609	5552962	*H447172	1.0	**V.G.**; ~80% quartz vein with local weak to moderate FeOx; local moderate sericite; trace fine grained pyrite; 1 fleck V.G. *~2 mm - gold is in barren section of quartz vein with no FeOx or* sulphides	H447172	3.79	6.53		H447172	4.11	1.87	1.77
27	666608	5552962	H447173	1.2	<5% quartz veins with weak FeOx; weak to locally moderate sericite; trace to 0.5% very fine grained to fine grained pyrite	H447173	5.83	0.01		H447173	0.05	0.01	0.02
			Channel #28: East end UTMs: 666607, 5552946 azimuth 100										
28	666607	5552946	H447174	1.0	45-50% quartz veins with local weak FeOx fractures; moderate sericite; trace fine grained pyrite + sphalerite (+ galena)	H447174	5.18	15.10		H447174	10.25	4.19	4.85
28	666606	5552946	H447175	0.9	<5% quartz veins with no FeOx; moderate to strong sericite; trace very fine grained pyrite.	H447175	4.45	0.01			0.01		
28	666605	5552946	H447176	1.0	5-10% quartz veins with no FeOx; weak to moderate sericite; trace very fine grained pyrite	H447176	4.09	0.01			0.01		
28	666604	5552946	H447177	1.0	*~10-15% quartz veins with no FeOx; weak sericite; trace very fine grained pyrite*	H447177	5.5	0.01			0.01		
28	666603	5552946	H447178	0.7	20-25% barren quartz veins; weak to moderate sericite; trace very fine grained pyrite	H447178	4.38	0.01			0.01		

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west								Metallic Screen	30g check	30g check
								50g Au Assay			Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
			Channel #29: East end UTMs: 666639, 5552984 azimuth 110										
29	666639	5552984	**H447179**	1.0	~15-20% quartz veins with moderate to strong FeOx; weak to moderate sericite; moderate FeOx in QFP; trace pyrite, mainly as medium grained in quartz veins	H447179	5.28	0.02					
29	666638	5552984	**H447180**	1.0	~25-30% quartz veins with moderate FeOx in both veins and QFP wallrock; weak to moderate sericite; trace fine to medium grained pyrite	H447180	5.79	0.01					
29	666637	5552984	**H447181**	1.0	~10-15% quartz veins with moderate FeOx; weak to moderate sericite; trace fine to medium grained pyrite, primarily in quartz veins, with occasional coarse grains	H447181	5.1	0.09		H447181	0.53	0.19	0.21
29	666636	5552984	**H447182**	1.0	15-20% quartz veins with moderate to strong FeOx; weak to locally moderate sericite; trace fine grained pyrite with occasional medium grains in quartz veins	H447182	6.37	0.07		H447182	<0.05	0.05	0.01
29	666635	5552984	**H447183**	1.0	~10% quartz veins with moderate FeOx fractures; weak sericite; trace fine grained to very fine grained pyrite	H447183	5.52	0.01					
29	666634	5552984	**H447184**	1.3	~5% quartz veins with weak to locally moderate FeOx; trace fine to medium grained pyrite, primarily in quartz vein	H447184	6.81	0.17		H447184	0.38	0.14	0.18
			Channel #30: East end UTMs: 666633, 5552992 azimuth 90										
30	666633	5552992	**H447185**	1.0	~10-15% quartz veins with moderate FeOx; weak to moderate sericite; trace fine grained to very fine grained pyrite, primarily in QFP wallrock	H447185	5.02	0.01					
30	666632	5552992	**H447186**	1.0	5-10% quartz veins with weak to moderate FeOx fractures; weak to moderate sericite; trace fine grained to very fine grained pyrite	H447186	6.74	0.01					
30	666631	5552992	**H447187**	1.0	<5% quartz veins with moderate FeOx; weak sericite; weak to moderate FeOx in QFP; trace fine grained pyrite primarily in fractures in QFP with FeOx	H447187	5.3	0.17		H447187	0.13	0.07	0.07
30	666630	5552992	**H447188**	1.0	~10-15% quartz veins with no FeOx; weak to locally moderate sericite; trace very fine grained pyrite in QFP; none in veins	H447188	5.35	0.04		H447188	<0.05	0.01	0.01
30	666629	5552992	**H447189**	1.1	5-10% quartz veins with weak FeOx; weak sericite and weak FeOx in QFP; trace very fine grained pyrite mainly on vein margins	H447189	6.51	0.01					
			Channel #31: East end UTMs: 666630, 5552983 azimuth 90										
31	666630	5552983	**H447190**	1.0	~5-10% quartz veins under 1 cm; no FeOx; moderate sericite; trace very fine grained pyrite	H447190	5.07	0.02					
31	666629	5552983	**H447191**	0.9	~10% quartz veins with weak FeOx; weak to locally moderate sericite; trace very fine grained pyrite	H447191	4.36	0.01					
			Channel #32: East end UTMs: 666652, 5552999 azimuth 130										
32	666652	5552999	**H447192**	1.0	~10% quartz veins with moderate FeOx and occasional medium grained pyrite; weak to moderate sericite; trace very fine grained pyrite	H447192	6.21	0.02			0.02		
32	666651	5552999	**H447193**	1.0	~5% quartz veins with moderate FeOx; weak to locally moderate sericite; occasional medium grained pyrite in quartz veins - very rare sulphides seen in wallrock	H447193	5.5	0.03			0.03		
32	666650	5552999	**H447194**	1.0	~15-20% quartz veins with locally no FeOx to locally moderate FeOx; weak sericite; rare fine grained pyrite seen in quartz vein - none seen in wallrock	H447194	4.89	2.38		H447194	3.71	1.5	1.44
32	666649	5552999	**H447195**	1.0	<5% quartz veins with moderate FeOx and occasional medium grained to fine grained pyrite; rare very fine grained pyrite in QFP - trace overall	H447195	4.99	0.01			0.01		
32	666648	5552999	**H447196**	1.0	~10% quartz veins with moderate FeOx and occasional fine to medium grained pyrite; weak to locally moderate sericite; rare pyrite in QFP	H447196	5.41	0.84		H447196	0.5	0.19	0.28
32	666647	5552999	**H447197**	1.0	1-2% quartz veins as above; weak to locally moderate sericite; rare pyrite in QFP	H447197	6.52	0.01			0.01		
32	666646	5552999	**H447198**	1.0	~10% quartz veins with ~50% barren and 50% with moderate to strong FeOx, with occasional medium grained pyrite; weak to moderate sericite; trace to 0.5% very fine grained pyrite in QFP	H447198	4.93	0.45		H447198	0.05	0.02	0.02
32	666645	5552999	**H447199**	0.7	As above	H447199	2.79	0.01			0.02		
			Channel #33: East end UTMs: 666657, 5553015 azimuth 110										
33	666657	5553015	**H447200**	1.0	5-10% quartz veins with moderate FeOx and occasional fine to medium grained pyrite; moderate FeOx throughout QFP; weak sericite; trace very fine grained pyrite	H447200	4	0.28		H447200	0.21	0.15	0.15
33	666656	5553015	**H447201**	1.0	<5% quartz veins with moderate FeOx and occasional medium grained to coarse grained pyrite; weak sericite; trace very fine grained pyrite in QFP	H447201	5.61	0.42		H447201	0.47	0.32	0.38
33	666655	5553015	**H447202**	1.0	~5% quartz veins with moderate FeOx (~3 cm of veining is white, barren); weak sericite; trace fine to very fine grained pyrite throughout (including veins)	H447202	4.09	0.01			0.01		
33	666654	5553015	**H447203**	1.0	~10% quartz veins with ~50% white, barren quartz and ~50% with weak to moderate FeOx; weak sericite; occasional medium to coarse grained pyrite in quartz veins; trace very fine grained pyrite in QFP	H447203	4.87	0.03			0.03		
			Channel #34: East end UTMs: 666652, 5553036 azimuth 110										
34	666652	5553036	**H447204**	1.0	~50% quartz veins with moderate FeOx and occasional fine to coarse grained pyrite - one pyrite pod is several cm wide; weak to moderate sericite; trace very fine grained pyrite in QFP	H447204	4.85	0.07		H447204	0.11	0.09	0.1
34	666651	5553036	**H447205**	1.2	20-25% quartz vein with moderate FeOx and occasional fine to coarse grained pyrite + sphalerite(?) + chalcopyrite(?); weak to locally moderate sericite; trace very fine grained pyrite in QFP	H447205	6.94	0.01					
			Channel #35: East end UTMs: 666660, 5553047 azimuth 110										
35	666660	5553047	**H447206**	1.0	~10% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite (up to ~1 cm); weak to moderate sericite; trace very fine grained pyrite	H447206	4.29	0.11		H447206	0.15	0.12	0.13
35	666659	5553047	**H447207**	1.0	~25-30% quartz veins with moderate FeOx - no sulphides seen in, but occasional vugs where pyrite	H447207	4.64	0.28		H447207	0.77	0.45	0.52

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west								Metallic Screen	30g check	30g check
								50g Au Assay			Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
35	666658	5553047	H447208	1.0	~10-15% quartz veins with weak to moderate FeOx and 2 coarse pyrite grains; weak to moderate sericite; trace very fine grained pyrite	H447208	3.91	0.04		H447208	0.08	0.08	0.06
35	666657	5553047	H447209	0.6	~2% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447209	2.77	0.19		H447209	0.14	0.14	0.09
			Channel #36: East end UTMs: 666589, 5552896 azimuth 115										
36	666589	5552896	H447210	1.0	20-25% quartz veins with weak to moderate FeOx; weak to locally moderate sericite; trace fine to very fine grained pyrite in both quartz veins and QFP	H447210	4.42	0.01			0.01		
36	666588	5552896	H447211	1.0	25-30% quartz veins with weak to moderate FeOx; weak to locally moderate sericite; trace fine to very fine grained pyrite with occasional medium grains in quartz veins	H447211	4.18	0.01			0.01		
36	666587	5552896	H447212	1.0	20-25% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite - medium to coarse grained along vein margins	H447212	5.93	0.02			0.02		
36	666586	5552896	H447213	1.0	East end of sample steps North ~60 cm from West end of H447212; No quartz veins; moderate sericite; very rare fine grained pyrite	H447213	4.35	0.01			0.01		
36	666585	5552896	H447214	1.3	~45-50% quartz veins with weak to no FeOx; moderate sericite; trace very fine grained pyrite with occasional blebs/pods of sphalerite and galena (possibly telluride? cleavage is not prominent)	H447214	5.52	1.03		H447214	0.39	0.27	0.32
			Channel #37: East end UTMs: 666585, 5552892 azimuth 100										
37	666585	5552892	H447215	1.3	No quartz veining; weak sericite; trace fine to medium grained pyrite along FeOx-rich fractures	H447215	6.55	0.01					
37	666584	5552892	H447216	1.0	~20% quartz veins with weak FeOx; moderate sericite; trace very fine to fine grained pyrite	H447216	6.92	0.02					
37	666583	5552892	H447217	1.0	~5% quartz veins with weak patchy FeOx in both veins and wallrock; weak to moderate sericite; *trace to 0.5% fine to coarse grained pyrite*	H447217	5.63	0.01					
37	666582	5552892	H447218	1.0	~25% quartz veins - mostly barren, white, with local moderate FeOx; moderate sericite; trace fine to coarse grained pyrite	H447218	4.15	0.01					
37	666581	5552892	H447219	1.0	~60-65% white, barren quartz veins with local FeOx; moderate to strong sericite in the remainder; trace fine to medium grained pyrite	H447219	4.92	0.01					
			Channel #38: East end UTMs: 666586, 5552883 azimuth 115										
38	666586	5552883	H447220	0.5	1-2% quartz veins with moderate FeOx (also local moderate FeOx in QFP); moderate sericite; trace fine to medium grained pyrite in veins and fractures	H447220	2.68	0.01					
38	666585	5552883	H447221	1.0	~7-10% quartz veins with moderate FeOx; weak to moderate sericite; trace fine to medium grained pyrite, primarily in veins	H447221	6.12	0.01					
38	666584	5552883	H447222	1.0	East end of sample is ~1 m S of West end of H447221; ~5% quartz veins with moderate FeOx, also locally in QFP; weak to moderate sericite; trace very fine grained pyrite, with occasional fine grains in veins	H447222	7.91	0.01					
38	666583	5552883	H447223	1.0	*<5% quartz veins with moderate FeOx in veins and QFP beside veins; weak sericite; 0.5% very fine grained disseminated pyrite with medium to coarse grained pyrite in veins.*	H447223	6.29	0.01					
38	666582	5552883	H447224	1.0	10-15% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite (+ chalcopyrite?) with medium grains in quartz vein	H447224	5.35	0.01					
38	666581	5552883	H447225	1.0	20-25% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite - none seen in quartz vein	H447225	5.43	0.04					
			Channel #39: East end UTMs: 666573, 5552868 azimuth 145										
39	666573	5552868	H447226	1.0	~5-10% quartz veins - barren to weak FeOx; moderate to strong sericite; very rare sulphides - one pod of sphalerite and occasional pyrite grains	H447226	4.77	0.01					
39	666572	5552868	H447227	1.0	~5% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447227	4.32	1.39		H447227	0.47	0.08	0.13
39	666571	5552868	H447228	1.0	~5-10% quartz veins, some barren, some with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite, occasional sphalerite blebs	H447228	3.23	0.01					
39	666570	5552868	H447229	1.0	~5-10% quartz veins - mainly barren; moderate sericite; trace very fine grained to occasionally medium grained pyrite	H447229	4.55	0.01					
			Channel #40: East end UTMs: 666570, 5552862 azimuth 115										
40	666570	5552862	H447230	1.3	5-10% quartz veins, barren with local patchy FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H447230	5.54	0.01					
40	666569	5552862	H447231	1.0	As above, with trace to 0.5% very fine grained pyrite	H447231	4.42	0.43		H447231	<0.05	0.01	0.01
40	666568	5552862	H447232	1.0	~5-10% quartz veins with weak to moderate FeOx both in veins and in QFP; weak to moderate *sericite; trace very fine grained pyrite*	H447232	4.16	0.01					
40	666567	5552862	H447233	1.0	~40% barren quartz veins with local weak FeOx; weak to locally moderate sericite; trace very fine grained pyrite	H447233	4.5	0.01					
			Channel #41: East end UTMs: 666660, 5552782 azimuth 115										
41	666660	5552782	H447234	1.0	~50% barren, white quartz veins and 10-15% quartz veins with moderate FeOx and iron-carbonate(?); remainder is intermediate to mafic volcanic (possibly silicified) with 2-3% stringer and disseminated pyrite	H447234	4.64	0.12		H447234	0.1	0.12	0.07
41	666659	5552782	H447235	1.0	~90% barren quartz vein with local moderate FeOx, ~10% iron-carbonate - also somewhat rusty; trace fine grained pyrite and 2-3% dark grey-black mineral - possibly specular hematite - often surrounded by FeOx and associated with iron-carbonate	H447235	4.64	0.02			0.02		
41	666658	5552782	H447236	0.8	Quartz vein as above with same mineralization, with more pervasive FeOx fractures	H447236	2.7	45.70	42.9	H447236	54.3	26.1	25.4
			Channel #42: East end UTMs: 666655, 5552778 azimuth 100										

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west									Metallic Screen	30g check	30g check
								50g Au Assay				Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
42	666655	5552778	H447237	1.0	~60% quartz veins with moderate FeOx and 40% quartz veins with ~10% iron-carbonate (lighter beige/tan colour); ~0.5% medium to coarse grained pyrite; iron-carbonate often rimmed by dark grey mineral (specular hematite?)	H447237	4.28	11.60	16.6	H447237	1.51	0.82	0.89
			Channel #43: East end UTMs: 666422, 5552819; Note: On this channel the sample numbers got reversed from West to East azimuth 110											
43	666422	5552819	H447238	1.0	<3% quartz veins with moderate FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H447238	5.97	0.05	0.04				
43	666421	5552819	H447239	1.0	~5% quartz veins with weak to moderate FeOx; weak to locally moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite?)	H447239	5.61	0.02					
43	666420	5552819	H447240	1.0	1-2% quartz veins with no FeOx; weak to locally moderate sericite; 0.5% very fine grained pyrite	H447240	4.01	0.03					
43	666419	5552819	H447241	1.0	As above	H447241	7.27	0.04					
43	666418	5552819	H447242	0.7	~40-45% quartz veins - mainly barren with local moderate FeOx; weak sericite; trace very fine grained pyrite	H447242	4.06	0.06					
43	666417	5552819	H447243	1.0	15-20% quartz veins with moderate FeOx in ~50% of vein - other 50% is barren; barren quartz carries ~10% coarse pyrite, FeOx veins carry nothing; weak sericite; 0.5% very fine grained pyrite in QFP	H447243	5.18	0.02					
43	666416	5552819	H447244	1.0	<5% quartz veins with no FeOx; weak to locally moderate sericite; trace to 0.5% very fine grained disseminated pyrite.	H447244	4.4	0.03					
43	666415	5552819	H447245	1.0	As above	H447245	5.6	0.01					
43	666414	5552819	H447246	1.0	5-10% quartz veins with weak FeOx (patchy); weak to moderate sericite; trace to 0.5% very fine grained disseminated pyrite with occasional fine to medium grains in quartz veins	H447246	5.96	0.03					
			Channel #44: East end UTMs: 666485, 5552821 azimuth 105											
44	666485	5552821	H447247	1.0	~10% quartz veins, barren to weak FeOx; weak to moderate sericite; 0.5% very fine grained pyrite; occasional vug in veins	H447247	5.34	0.03					
44	666484	5552821	H447248	1.0	<5% quartz veins, barren with patchy FeOx (around eroded pyrite); weak sericite; trace pyrite	H447248	5.05	0.02					
44	666483	5552821	H447249	1.0	~5-10% quartz veins - barren with weak FeOx on margins; moderate to strong sericite; 0.5-1% very fine grained pyrite	H447249	5.82	0.03					
44	666482	5552821	H447250	1.0	~5% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite in vein; also moderate FeOx inQFP around vein; trace to 0.5% very fine grained pyrite	H447250	4.68	0.05					
44	666481	5552821	H447251	1.0	5-10% quartz veins - half barren, half with moderate to strong FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447251	4.59	0.02					
44	666480	5552821	H447252	1.0	<5% quartz vein with weak to patchy moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447252	4.11	0.05					
44	666479	5552821	H447253	1.0	1-2% quartz veins/fractures with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447253	4.09	0.03					
44	666478	5552821	H447254	1.0	As above	H447254	5.62	0.07					
			Channel #45: East end UTMs: 666485, 5552821 azimuth 130											
45	666485	5552821	H447255	1.0	No quartz veining; weak sericite; trace very fine grained pyrite	H447255	4.17	0.05					
45	666484	5552821	H447256	1.0	5-10% quartz veins with weak FeOx; weak to locally moderate sericite; trace to 0.5% very fine	H447256	5.15	0.04					
45	666483	5552821	H447257	1.0	~1% quartz vein with moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H447257	4.81	0.01					
45	666482	5552821	H447258	1.0	~5% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447258	3.63	0.01					
45	666481	5552821	H447259	1.0	No quartz veins; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H447259	4.03	0.08					
45	666480	5552821	H447260	1.0	<5% quartz veins with weak FeOx; weak to moderate sericite; trace to 0.5% very fine grained to locally coarse graine pyrite (+ chalcopyrite)	H447260	5.16	0.01					
45	666479	5552821	H447261	1.0	1-2% quartz veins with moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained to locally coarse grained (in veins) pyrite	H447261	3.79	0.05					
			Channel #46: East end UTMs: 666440, 5552840 azimuth 110											
46	666440	5552840	H447262	1.0	No quartz veins; weak to moderate sericite; trace very fine grained pyrite	H447262	3.5	0.01					
46	666439	5552840	H447263	1.0	~5% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447263	3.71	0.03					
46	666438	5552840	H447264	1.0	As above, with moderate FeOx and trace to 0.5% very fine grained pyrite (+ sphalerite?)	H447264	4.21	0.02					
46	666437	5552840	H447265	1.0	As above	H447265	3.62	0.02					
46	666436	5552840	H447266	0.9	~10% quartz veins with patchy moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447266	2.48	0.01					
46	666435	5552840	H447267	1.0	1 metre gap between 266 and 267 due to roots; ~1-2% quartz veins with no FeOx; weak sericite; trace very fine grained pyrite	H447267	3.97	0.03					
46	666434	5552840	H447268	1.0	~5-10% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained to locally medium to coarse pyrite	H447268	5.04	0.05					
46	666433	5552840	H447269	1.0	~10% quartz veins with moderate FeOx and occasional coarse grained pyrite (disseminated and stringer); weak sericite; trace pyrite overall	H447269	5.11	0.01					
46	666432	5552840	H447270	1.3	2-3% quartz veins with local moderate FeOx; weak sericite; trace very fine grained pyrite	H447270	6.28	0.01					
			Channel #47: East end UTMs: 666459, 5552839 azimuth 100											
47	666459	5552839	H447271	1.0	No quartz veins; weak sericite; trace to 0.5% very fine grained pyrite	H447271	5.31	0.02					

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west									Metallic Screen	30g check	30g check
								50g Au Assay				Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
47	666458	5552839	H447272	1.0	~5% quartz veins with moderate FeOx; weak to locally moderate sericite; trace very fine grained pyrite with occasional mediumto coarse grains in veins	H447272	5.22	0.01					
47	666457	5552839	H447273	1.0	<5% quartz veins with moderate FeOx in wallrock adjacent to veins; weak to locally moderate sericite; trace very fine grained pyrite	H447273	6.65	0.04					
47	666456	5552839	H447274	1.0	~10% quartz veins with moderate FeOx; local moderate sericite; trace very fine grained pyrite with occasional medium to coarse grains in veins	H447274	5.19	0.01					
47	666455	5552839	H447275	1.0	~20% quartz veins with moderate to strong FeOx - also moderate FeOx through the QFP; weak to moderate sericite; trace very fine grained pyrite	H447275	5.45	0.01					
47	666454	5552839	H447276	1.0	~5-10% quartz veins moderate to strong FeOx and occasional medium to coarse pyrite; moderate FeOx through QFP; weak to moderate sericite; trace very fine grained pyrite	H447276	5.1	0.02					
47	666453	5552839	H447277	1.0	10-15% quartz veins with moderate FeOx; local moderate sericite; trace to 0.5% very fine grained pyrite	H447277	5.97	0.01					
47	666452	5552839	H447278	1.0	As above	H447278	4.62	0.02					
47	666451	5552839	H447279	1.0	5-10% quartz veins with moderate FeOx and also moderate FeOx in QFP; weak sericite; trace very fine grained pyrite	H447279	4.74	0.01					
47	666450	5552839	H447280	1.0	1-2% quartz veins with moderate FeOx; weak to locally moderate sericite; trace to 0.5% very fine grained pyrite and occasionally medium grained in veins	H447280	5.09	0.06					
47	666449	5552839	H447281	1.0	No quartz veins; weak to moderate sericite; trace to 0.5% fracture-controlled and disseminated pyrite	H447281	6.98	0.01					
47	666448	5552839	H447282	0.8	~5-10% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite and occasional bleb of galena	H447282	4.57	0.02					
			Channel #48: East end UTMs: 666449, 5552835 azimuth 105											
48	666449	5552835	H447283	1.0	~1% thin quartz veins with weak FeOx; weak to moderate sericite; trace to 0.5% very fine grained to locally coarse pyrite	H447283	4.4	0.02					
48	666448	5552835	H447284	1.0	~2-3% quartz veins with moderate FeOx; weak sericite; trace to 0.55 very fine grained and occasional coarse pyrite	H447284	4.06	0.02					
			Channel #49: East end UTMs: 666442, 5552822 azimuth 110											
49	666442	5552822	H447285	1.0	5-10% quartz veins, mostly barren with local moderate FeOx and coarse grained pyrite; weak to moderate sericite; 0.5 to 1% very fine grained pyrite + chalcopyrite	H447285	4.71	0.02					
49	666441	5552822	H447286	1.0	~1% quartz veins with weak FeOx; weak to moderate sericite; 0.5 to 1% very fine grained pyrite + chalcopyrite	H447286	6.22	0.01					
49	666440	5552822	H447287	1.0	Sample is in 2 parts - west half is stepped North ~1 metre; ~10% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447287	5.84	0.03					
49	666439	5552822	H447288	1.1	2-3% quartz veins with weak FeOx; moderate sericite; 0.5 to 1% very fine grained pyrite	H447288	6.85	0.02					
			Channel #50: East end UTMs: 666438, 5552822 azimuth 115											
50	666438	5552822	H447289	1.0	5-7% quartz veins with local moderate FeOx; moderate sericite; trace to 0.5% very fine to fine grained pyrite	H447289	4.91	0.07		H447289	<0.05	0.03	0.04
50	666437	5552822	H447290	1.0	~5% quartz veins with weak to locally moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447290	6.3	0.01					
			Channel #51: East end UTMs: 666430, 5552819 azimuth 115											
51	666430	5552819	H447291	1.1	~15-20% quartz veins - mostly barren, with local moderate FeOx; weak to moderate sericite; 0.5 to 1% very fine to locally medium grained pyrite and chalcopyrite	H447291	5.57	0.01					
51	666429	5552819	H447292	1.0	<5% quartz veins with weak FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447292	7.26	0.01					
51	666428	5552819	H447293	1.0	~35-40% quartz veins with moderate to strong FeOx; locally barren, white quartz; moderate sericite; trace to 0.5% very fine grained to locally coarse pyrite (+ chalcopyrite)	H447293	4.81	0.01					
51	666427	5552819	H447294	1.0	No quartz veins; weak to locally moderate sericite; trace to 0.5% very fine grained pyrite + galena(?) + chalcopyrite	H447294	5.4	0.02					
			Channel #52: East end UTMs: 666434, 5552806 azimuth 120											
52	666434	5552806	H447295	1.3	20-25% quartz veins with moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite?)	H447295	5.42	0.04					
			Channel #53: East end UTMs: 666421, 5552799 azimuth 120											
53	666421	5552799	H447296	0.6	1% quarz vein with moderate FeOx; weak to locally moderate sericite; trace very fine grained pyrite	H447296	2.23	0.06					
53	666420	5552799	H447297	1.0	~5% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447297	4.16	0.04					
			Channel #54: East end UTMs: 666422, 5552802 azimuth 120											
54	666422	5552802	H447298	1.0	~7-10% quartz veins, barren with local weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447298	4.3	0.04		H447289	<0.05	0.03	0.04
54	666421	5552802	H447299	1.0	As above	H447299	3.62	0.05					
54	666420	5552802	H447300	1.0	As above	H447300	3.72	0.09		H447300	0.05	0.04	0.05
54	666419	5552802	H447301	1.0	~5% quartz veins, barren with local weak FeOx; moderate sericite; trace very fine grained pyrite	H447301	3.37	0.03		H447301	0.06	0.11	0.01
54	666418	5552802	H447302	1.0	20-25% quartz veins with moderate to locally weak FeOx and occasional coarse pyrite; also moderate FeOx in QFP; moderate sericite; 0.5-1% very fine grained pyrite (+ chalcopyrite?)	H447302	5.61	0.23		H447302	0.15	0.16	0.12

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west								Metallic Screen	30g check	30g check
								50g Au Assay			Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
54	666417	5552802	H447303	1.0	~10-15% quartz veins with moderate FeOx; also moderate FeOx in QFP around veins; moderate sericite; trace very fine grained pyrite	H447303	5.04	0.02					
54	666416	5552802	H447304	1.0	~20-25% quartz veins with local weak FeOx - otherwise barren; moderate to locally strong sericite; trace very fine grained pyrite	H447304	4.45	0.01					
54	666415	5552802	H447305	1.0	10-15% quartz veins as above; weak sericite; trace to 0.5% very fine grained pyrite + chalcopyrite	H447305	4.96	0.04					
54	666414	5552802	H447306	1.0	<5% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H447306	6.43	0.05					
			Channel #55: East end UTMs: 666414, 5552797 azimuth 120										
55	666414	5552797	H447307	1.0	10-15% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite?)	H447307	4.3	0.08		H447307	0.05	0.07	0.04
55	666413	5552797	H447308	1.0	15-20% quartz veins with weak to moderate FeOx; moderate to locally strong sericite; trace to 0.5%	H447308	4.69	0.07		H447308	0.05	0.03	0.02
55	666412	5552797	H447309	1.0	~5% quartz veins with moderate to strong FeOx; occasional strong FeOx fractures in QFP; weak to moderate sericite; trace very fine grained pyrite	H447309	3.99	0.24		H447309	0.24	0.17	0.26
55	666411	5552797	H447310	1.0	1-2% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447310	5.61	0.15		H447310	0.22	0.13	0.24
55	666410	5552797	H447311	0.6	5-10% quartz veins with moderate FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite + chalcopyrite	H447311	3.99	0.07		H447311	0.05	0.03	0.07
			Channel #56: East end UTMs: 666421, 5552798 azimuth 115										
56	666421	5552798	H447312	1.0	~10 quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447312	4.1	0.01					
56	666420	5552798	H447313	0.6	~1 metre gap between H447312 and 313; ~60% quartz veins with weak to moderate FeOx; local moderate sericite; trace to 0.5% very fine to medium grained disseminated and stringer pyrite	H447313	2.18	0.11		H447313	0.08	0.08	0.09
			Channel #57: East end UTMs: 666415, 5552791 azimuth 110										
57	666415	5552791	H447314	1.0	2-3% quartz veins with weak FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite + chalcopyrite	H447314	4.75	0.08		H447314	<0.05	0.05	0.02
			Channel #58: East end UTMs: 666414, 5552787 azimuth 100										
58	666414	5552787	H447315	1.0	25-30% quartz veins, barren with local FeOx and occasional coarse pyrite; moderate sericite; trace to 0.5% very fine grained pyrite	H447315	3.59	0.07		H447315	0.07	0.07	0.08
58	666413	5552787	H447316	0.9	15-20% quartz veins with moderate FeOx and FeOx in QFP; moderate sericite; trace very fine grained pyrite	H447316	2.67	0.02					
58	666412	5552787	H447317	0.8	~5% quartz veins with weak to moderate FeOx; weak sericite; trace very fine grained pyrite	H447317	3.28	0.05					
			Channel #59: East end UTMs: 666443, 5552792 azimuth 100										
59	666443	5552792	H447318	1.0	~5% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace very fine grained pyrite with occasional medium grains in quartz veins	H447318	4.51	0.01					
59	666442	5552792	H447319	1.0	~10% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace very fine grained	H447319	3.39	0.03					
59	666441	5552792	H447320	1.0	~30% quartz veins with weak to locally moderate FeOx - moderate FeOx veins exhibit ~5-7% medium to coarse grained pyrite; moderate sericite; trace very fine grained pyrite in QFP	H447320	4.38	0.27		H447320	0.2	0.17	0.14
59	666440	5552792	H447321	1.0	5% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite + chalcopyrite	H447321	3.29	0.10		H447321	<0.05	0.04	<0.01
59	666439	5552792	H447322	1.0	1-2% quartz veins with weak FeOx; weak to moderate sericite; 0.5-1% very fine grained pyrite + chalcopyrite	H447322	4.27	0.01					
59	666438	5552792	H447323	0.8	~30% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447323	4.3	0.06		H447323	<0.05	0.03	0.03
			Channel #60: East end UTMs: 666443, 5552794 azimuth 115										
60	666443	5552794	H447324	1.2	10-15% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite with medium grains in quartz vein	H447324	5.19	0.05		H447324	0.05	0.04	0.07
60	666442	5552794	H447325	1.0	15-20% quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite with occasional medium grains in veins	H447325	7.23	4.52		H447325	1.71	0.92	1.03
60	666441	5552794	H447326	1.1	As above	H447326	3.98	0.04			0.04		
60	666440	5552794	H447327	0.9	1-2% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite	H447327	5.16	0.04			0.04		
60	666439	5552794	H447328	1.0	~5% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447328	5.23	0.09		H447328	0.07	0.04	0.09
60	666438	5552794	H447329	1.0	5-10% quartz veins with moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H447329	4.97	0.04			0.04		
60	666437	5552794	H447330	1.0	As above	H447330	5.57	0.03			0.03		
			Channel #61: East end UTMs: 666447, 5552798 azimuth 115										
61	666447	5552798	H447331	1.2	90% quartz veins with variable FeOx from barren to strong; strong sericite in remaining 10% of sample; trace very fine grained pyrite and patch (~1 cm) of galena(?)	H447331	7.27	0.02			0.02		
61	666446	5552798	H447332	1.0	~40% quartz veins - mostly barren with local moderate FeOx; moderate to strong sercite; trace to 0.5% very fine grained pyrite (+ galena)	H447332	5.1	0.03			0.03		
61	666445	5552798	H447333	1.0	~45-50% quartz veins with moderate to strong FeOx; locally barren, white; moderate to strong sericite; trace to 0.5% very fine grained pyrite	H447333	4.83	0.34		H447333	0.05	0.05	0.04

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west									Metallic Screen	30g check	30g check
								50g Au Assay				Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
61	666444	5552798	H447334	1.0	~55-60% quartz veins - barren to locally moderate FeOx; strong sericite; trace to 0.5% very fine grained pyrite	H447334	5.37	0.01		H447334	0.05	0.03	0.02
61	666443	5552798	H447335	1.0	5-10% quartz veins with weak to moderate FeOx and occasional medium grained pyrite; moderate FeOx in QFP; moderate sericite; trace very fine grained pyrite	H447335	3.6	0.17		H447335	0.13	0.13	0.12
61	666442	5552798	H447336	1.0	10-15% quartz veins with moderate to strong FeOx - locally barren; also moderate FeOx in QFP and fractures in QFP; moderate sericite; trace very fine grained pyrite	H447336	4.05	0.24		H447336	0.26	0.26	0.27
61	666441	5552798	H447337	1.0	*~5-10% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite*	H447337	6.99	0.10		H447337	0.07	0.06	0.08
61	666440	5552798	H447338	1.0	As above	H447338	5.97	0.04			0.04		
			Channel #62: East end UTMs: 666453, 5552803 azimuth 95										
62	666453	5552803	H447339	0.8	~15% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447339	2.94	0.05			0.05		
62	666452	5552803	H447340	1.0	15-20% quartz veins with weak to moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H447340	5.8	0.03			0.03		
62	666451	5552803	H447341	1.0	5% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite	H447341	3.63	0.02			0.02		
62	666450	5552803	H447342	1.0	2% quartz veins - no FeOx; weak sericite (this sample looks more like an unaltered granite); trace very fine grained pyrite	H447342	5.81	0.01			0.01		
62	666449	5552803	H447343	1.0	15-20% quartz veins with weak to moderate FeOx; weak to locally moderate sericite; East half of sample is as above; west half is altered/veined with trace to 0.5% very fine grained pyrite	H447343	6.9	0.02			0.02		
62	666448	5552803	H447344	1.0	5-10% quartz veins with weak FeOx; weak to locally moderate sericite; trace to 0.5% very fine grained pyrite	H447344	6.3	0.02			0.02		
62	666447	5552803	H447345	1.0	~5% quartz veins with weak FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H447345	6.46	0.04			0.04		
62	666446	5552803	H447346	1.0	*~10% quartz veins - barren to local weak FeOx; moderate to strong sericite; trace very fine grained* pyrite	H447346	5.17	0.02			0.02		
62	666445	5552803	H447347	1.0	~15-20% quartz veins with moderate FeOx; moderate to strong sericite; 0.5 to 1% fine to medium grained pyrite	H447347	4.37	0.03			0.03		
62	666444	5552803	H447348	1.0	40-50% quartz veins with weak to locally moderate FeOx; strong sericite; trace to 0.5% very fine grained pyrite	H447348	5.9	0.02			0.02		
62	666443	5552803	H447349	1.0	45-50% quartz veins with weak to locally moderate FeOx; strong sericite; trace very fine grained pyrite	H447349	4.82	0.03			0.03		
62	666442	5552803	H447350	1.0	As above	H447350	4.87	0.03			0.03		
62	666441	5552803	H447351	1.0	As above	H447351	5.06	0.94		H447351	0.37	0.16	0.24
62	666440	5552803	H447352	1.0	~70% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447352	5.22	0.35		H447352	0.27	0.24	0.25
62	666439	5552803	H447353	1.0	~5% quartz veins with moderate FeOx; entire QFP is oxidized/rusty, and vuggy; trace to 0.5% very fine grained pyrite	H447353	3.94	0.53		H447353	0.67	0.5	0.62
			Channel #63: East end UTMs: 666448, 5552807 azimuth 95										
63	666448	5552807	H447354	1.0	40% quartz veins - mostly barren, with local moderate FeOx; weak to locally moderate sericite; trace to 0.5% very fine grained pyrite	H447354	5.06	0.02					
63	666447	5552807	H447355	1.0	As above	H447355	5.52	0.01					
63	666446	5552807	H447356	1.0	~60% quartz veins - mostly barren with local moderate FeOx; moderate sericite; trace very fine grained pyrite	H447356	5.83	0.01					
			Channel #64: East end UTMs: 666443, 5552809 azimuth 110										
64	666443	5552809	H447357	1.0	*~1% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite*	H447357	4.54	0.02					
64	666442	5552809	H447358	1.0	2-3% quartz veins with moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H447358	5.66	0.03					
64	666441	5552809	H447359	1.0	5-10% quartz veins with weak to moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H447359	5.95	0.03					
64	666440	5552809	H447360	1.0	grained pyrite	H447360	7.71	0.01					
			Channel #65: East end UTMs: 666434, 5552807 azimuth 130										
65	666434	5552807	H447361	1.0	~10% quartz veins with moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447361	5.22	0.08		H447361	0.06	0.07	0.04
65	666433	5552807	H447362	1.0	~40% barren, white quartz veins with local weak FeOx; moderate sericite; trace very fine grained pyrite	H447362	4.61	0.31		H447362	0.16	0.09	0.09
65	666432	5552807	H447363	1.0	~10-15% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447363	5.04	0.03			0.03		
65	666431	5552807	H447364	1.0	~10% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite	H447364	4.96	0.02			0.02		
			Channel #66: East end UTMs: 666496, 5552798 azimuth 115										
66	666496	5552798	H447365	1.0	15-20% quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447365	6.97	0.15		H447365	0.18	0.15	0.12
66	666495	5552798	H447366	1.0	grained pyrite	H447366	5.01	0.04					
66	666494	5552798	H447367	1.0	15-20% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447367	6.08	0.04					

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west									Metallic Screen	30g check	30g check
								50g Au Assay				Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
66	666493	5552798	H447368	1.0	~5% quartz veins with moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447368	5.88	0.05		H447368	<0.05	0.04	0.03
66	666492	5552798	H447369	1.0	20-25% quartz veins - barren with focal weak FeOx; moderate sericite; 0.5% very fine grained pyrite	H447369	4.69	0.18		H447369	0.09	0.12	0.05
66	666491	5552798	H447370	0.8	~80% quartz veins with weak to moderate FeOx; moderate sericite; trace very fine grained pyrite in QFP; no sulphides seen in veins	H447370	4.91	0.02					
			Channel #67: East end UTMs: GPS not working; East end of 1st sample is ~2m north of H447366 azimuth 115										
67	666495	5552800	H447371	1.0	30-35% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447371	4.64	0.04					
67	666494	5552800	H447372	1.0	25-30% quartz veins - mostly barren to local moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447372	4.93	0.26		H447372	0.29	0.31	0.26
67	666493	5552800	H447373	1.0	~70% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447373	5.37	0.01					
67	666492	5552800	H447374	1.0	~35-40% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447374	4.53	0.05					
67	666491	5552800	H447375	1.0	25-30% quartz veins with weak to locally moderate FeOx; trace to 0.5% very fine grained pyrite	H447375	5.62	0.02					
67	666490	5552800	H447376	1.0	70-80% quartz veins with moderate FeOx; moderate sericite; trace very fine grained to locally medium grained disseminated and stringer pyrite	H447376	5.87	0.08		H447376	0.07	0.02	0.12
			Channel #68: East end UTMs: GPS not working; East end of 1st sample is ~1m north of H447376 azimuth 110										
68	666490	5552801	H447377	1.0	~95% quartz veins with weak FeOx; moderate sericite in remaining 5%; occasional medium grained pyrite - trace overall	H447377	3.3	0.02					
			Channel #69: East end UTMs: 666471, 5552784 azimuth 100										
69	666471	5552784	H447378	1.0	10-15% quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% fine to medium grained pyrite through QFP	H447378	6.21	0.02			0.02		
69	666470	5552784	H447379	1.0	As above with occasional medium grained pyrite in veins	H447379	5.44	0.15		H447379	0.12	0.08	0.11
69	666469	5552784	H447380	1.0	20-25% quartz veins with weak FeOx; moderate sericite; 0.5% fine to medium grained pyrite	H447380	4.42	0.25		H447380	0.25	0.24	0.19
			Channel #70: East end UTMs: 666381, 5552790 azimuth 95										
70	666381	5552790	H447381	0.8	<5% quartz veins - barren; moderate sericite; trace to 0.5% very fine grained pyrite	H447381	4.02	0.07		H447381	<0.05	0.05	0.02
70	666380	5552790	H447382	1.0	~75% quartz veins - mostly barren with local weak to moderate FeOx; weak sericite; trace very fine grained pyrite	H447382	5.11	0.01					
70	666379	5552790	H447383	1.0	No quartz veins; weak sericite; trace very fine grained pyrite	H447383	4.81	0.06		H447383	<0.05	0.04	0.03
70	666378	5552790	H447384	1.0	~50% quartz veins with weak to locally moderate FeOx; moderate sericite (locally strong); trace to 0.5% very fine grained pyrite	H447384	4.47	0.05		H447384	<0.05	0.01	0.02
70	666377	5552790	H447385	1.0	25-30% quartz veins with weak FeOx; moderate to strong sericite; 0.5% very fine grained pyrite	H447385	5.06	0.02					
70	666376	5552790	H447386	1.0	50-60% quartz veins with weak to moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H447386	5.67	0.07		H447386	0.09	0.07	0.09
70	666375	5552790	H447387	1.0	As above	H447387	3.46	0.03					
			Channel #71: East end UTMs: GPS not working; East end of 1st sample is ~3m sourth of H447384 azimuth 125										
71	666378	5552787	H447388	0.7	100% quartz vein with weak FeOx; no sericite; trace very fine grained pyrite	H447388	2.95	0.01					
			Channel #72: East end UTMs: 666512, 5552763										
72	666512	5552763	H447389	1.0	~5% quartz veins with weak to moderate FeOx; also moderate FeOx through QFP; moderate sericite; trace to 0.5% very fine grained pyrite	H447389	5.28	0.04					
72	666511	5552763	H447390	1.0	1-2% quartz veins with moderate FeOx; moderate sericite and FeOx in QFP wallrock; trace very fine grained pyrite	H447390	4.58	0.01					
72	666510	5552763	H447391	1.0	As above	H447391	5.44	0.02					
72	666509	5552763	H447392	1.0	10-15% quartz veins - mostly white, barren, with one vein with moderate FeOx and occasional medium grained pyrite; moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447392	5.94	0.01					
72	666508	5552763	H447393	1.0	1-2% quartz veins with moderate FeOx and occasional medium grained pyrite; moderate sericite; trace very fine grained pyrite	H447393	5.12	0.02					
72	666507	5552763	H447394	1.0	15-20% quartz veins with weak FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447394	4.66	0.03					
72	666506	5552763	H447395	1.0	25-30% quartz veins, barren with weak local FeOx; moderate sericite; trace very fine grained pyrite	H447395	4.8	0.01					
			Channel #73: East end UTMs: 666508, 5552766										
73	666508	5552766	H447396	1.0	5-10% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H447396	4.79	0.02					
73	666507	5552766	H447397	1.0	20-25% quartz veins - barren with local weak FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H447397	4.31	0.05					
73	666506	5552766	H447398	1.0	As above	H447398	3.81	0.01					
73	666505	5552766	H447399	1.0	No quartz veins; weak sericite; trace very fine grained pyrite	H447399	5.14	0.02					
73	666504	5552766	H447400	1.0	2-3% quartz veins - weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447400	4.74	0.02					
73	666503	5552766	H447401	1.0	5% quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447401	4.26	0.01					

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west								Metallic Screen	30g check	30g check
								50g Au Assay			Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
73	666502	5552766	H447402	1.0	5-10% quartz veins with moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447402	4.5	0.01					
73	666501	5552766	H447403	1.0	5-10% quartz veins with weak FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite + chalcopyrite(?)	H447403	5.76	0.02					
73	666499	5552766	H447404	1.0	~5% quartz veins with weak FeOx and occasional specular hematite(?) in veins; moderate sericite; trace very fine grained pyrite (+ chalcopyrite)	H447404	4.44	0.05					
73	666498	5552766	H447405	1.0	No quartz veins; moderate to locally strong sericite; trace very fine grained pyrite	H447405	5.16	0.01					
73	666497	5552766	H447406	1.0	~5% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447406	4.88	0.01					
73	666496	5552766	H447407	0.9	2-3% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite?)	H447407	5.13	0.01					
			Channel #74: East end UTMs: 666512, 5552767										
74	666512	5552767	H447408	0.9	10-15% quartz veins with weak to moderate FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H447408	4.17	0.01					
74	666511	5552767	H447409	1.0	~10-15% quartz veins - mostly barren, with local weak FeOx; trace very fine grained pyrite	H447409	3.57	0.02					
74	666510	5552767	H447410	1.0	30-35% quartz veins with weak FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447410	3.71	0.05					
74	666509	5552767	H447411	1.0	1-2% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H447411	3.41	0.04					
74	666508	5552767	H447412	1.0	10-15% quartz veins with weak to moderate FeOx; moderate sericite and weak FeOx in QFP; trace very fine grained pyrite	H447412	5.58	0.05					
74	666507	5552767	H447413	1.0	35-40% quartz veins with moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447413	4.36	0.03					
74	666506	5552767	H447414	1.0	50-60% quartz veins with moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447414	3.03	0.03					
74	666505	5552767	H447415	1.0	100% quartz veins with moderate FeOx and occasional sericite seams; trace very fine grained pyrite	H447415	4.29	0.02					
74	666504	5552767	H447416	1.0	~10% quartz veins with moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H447416	4.52	0.01					
74	666503	5552767	H447417	1.0	~50% quartz veins with weak to moderate FeOx - locally barren; moderate to locally strong sericite	H447417	4.82	0.01					
74	666502	5552767	H447418	1.0	15-20% quartz veins with moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447418	4.58	0.24		H447418	0.21	0.19	0.19
			Channel #75: East end UTMs: 666512, 5552770										
75	666512	5552770	H447419	0.9	No quartz veins; patchy moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447419	4.97	0.03					
75	666511	5552770	H447420	1.0	As above	H447420	6.41	0.10		H447420	0.06	0.04	0.08
75	666510	5552770	H447421	1.0	As above, with less FeOx patches; trace to 0.5% very fine grained pyrite (+ chalcopyrite?)	H447421	7.35	0.05					
75	666509	5552770	H447422	1.0	No quartz veins; weak patchy FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H447422	4.31	0.01					
75	666508	5552770	H447423	1.0	As above with moderate sericite	H447423	5.34	0.03					
75	666507	5552770	H447424	1.0	1-2% quartz veins with weak FeOx; moderate sericite and FeOx in QFP; trace to 0.5% very fine grained pyrite + galena + chalcopyrite	H447424	4.62	0.06		H447424	<0.05	0.01	0.01
75	666506	5552770	H447425	1.0	1-2% quartz veins with weak FeOx; weak to locally moderate sericite; 0.5% very fine grained pyrite + chalcopyrite	H447425	4.13	0.04					
75	666505	5552770	H447426	1.0	~5% quartz veins - barren with local weak FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite	H447426	5.3	0.02					
75	666504	5552770	H447427	1.0	25-30% quartz veins with weak to moderate FeOx; moderate sericite; trace very fine grained pyrite	H447427	4.01	0.01					
75	666503	5552770	H447428	1.0	95% quartz veins with weak to moderate FeOx - locally barren; local moderate sericite; trace very fine grained pyrite	H447428	4.9	0.02					
75	666502	5552770	H447429	1.0	As above, 85% quartz veins	H447429	5.27	0.03					
			Channel #76: East end UTMs: 666518, 5552774										
76	666518	5552774	H447430	1.3	5-10% quartz veins with moderate FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H447430	6.73	0.07		H447430	0.07	0.08	0.07
76	666517	5552774	H447431	1.0	1% quartz veins with weak FeOx; weak to moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447431	5.98	0.02					
76	666516	5552774	H447432	1.0	2-3% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447432	5.33	0.01					
76	666515	5552774	H447433	1.0	~10% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H447433	4.97	0.01					
76	666514	5552774	H447434	1.0	1-2% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite; weak sericite; trace to 0.5% very fine grained pyrite	H447434	4.73	0.01					
76	666513	5552774	H447435	1.0	1-2% barren quartz veins; weak to moderate FeOx and sericite in QFP; trace very fine grained pyrite	H447435	5.29	0.04					
76	666512	5552774	H447436	1.0	~5% quartz veins with moderate FeOx; also moderate FeOx in QFP; weak to moderate sericite; trace very fine grained pyrite	H447436	5.92	0.14		H447436	0.13	0.13	0.15
76	666511	5552774	H447437	1.0	~50% quartz veins - barren to locally moderate FeOx; weak sericite; trace to 0.5% very fine grained to locally medium grained pyrite	H447437	5.04	0.02					
76	666510	5552774	H447438	1.0	~30-35% quartz veins - barren with local weak FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H447438	4.92	0.01					

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west								Metallic Screen	30g check	30g check
								50g Au Assay			Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
76	666509	5552774	H447439	1.0	10-15% quartz veins with weak FeOx; moderate to strong sericite; trace very fine grained pyrite	H447439	5.94	0.02					
76	666508	5552774	H447440	1.0	As above	H447440	3.78	0.02					
76	666507	5552774	H447441	1.0	~10% quartz veins with weak to locally moderate FeOx and occasional medium grained pyrite; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H447441	5.61	0.05					
76	666506	5552774	H447442	1.0	1-2% quartz veins with moderate FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H447442	4.45	0.01					
			Channel #77: East end UTMs: 666516, 5552777										
77	666516	5552777	H447443	1.0	10-15% quartz veins - barren; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H447443	5.82	0.02					
77	666515	5552777	H447444	1.0	10-15% quartz veins - some barren, some with moderate FeOx; weak to moderate sericite; local moderate FeOx in QFP; trace - 0.5% very fine grained pyrite	H447444	5.38	0.05					
77	666514	5552777	H447445	1.0	~10% quartz veins with weak to moderate FeOx; weak to locally strong sericite; trace very fine grained pyrite	H447445	4.05	0.01					
77	666513	5552777	H447446	1.0	10-15% quartz veins - barren with local weak to moderate FeOx and occasional medium grained pyrite; weak sericite; trace very fine grained pyrite	H447446	4.82	0.03					
77	666512	5552777	H447447	1.0	15-20% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447447	5.34	0.03					
77	666511	5552777	H447448	1.0	5% quartz veins with weak FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite and occasional medium grains in quartz veins	H447448	6.44	0.04					
			Channel #78: East end UTMs: 666508, 5552778										
78	666508	5552778	H447449	0.5	5-10% barren quartz veins; moderate to strong sericite; trace very fine grained pyrite	H447449	2.15	0.01					
78	666507	5552778	H447450	1.0	5-10% quartz veins with focal moderate FeOx and occasional medium grained pyrite; moderate to strong sericite; moderate FeOx in QFP; trace to 0.5% very fine grained pyrite	H447450	5.72	0.01					
78	666506	5552778	H447451	1.0	~75% quartz veins with moderate FeOx; moderate sericite; trace very fine grained to locally medium grained pyrite	H447451	4.56	0.03					
78	666505	5552778	H447452	1.0	90% quartz vein with weak to moderate FeOx; moderate sericite in remainder; trace to 0.5% fine grained stringer and disseminated pyrite	H447452	3.32	0.05					
78	666504	5552778	H447453	1.0	100% quartz vein as above	H447453	2.52	0.01					
			Channel #79: East end UTMs: 666521, 5552780										
79	666521	5552780	H447454	0.6	~10% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447454	3.39	0.01					
79	666520	5552780	H447455	1.0	~40% quartz veins, barren to weak FeOx; moderate to strong sericite; trace very fine grained pyrite	H447455	4.42	0.03					
79	666519	5552780	H447456	1.0	30-40% quartz veins with weak to moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447456	5.42	0.01					
79	666518	5552780	H447457	1.0	No quartz veins; weak to moderate FeOx; trace to 0.5% very fine grained pyrite.	H447457	6.2	0.02					
			Channel #80: East end UTMs: 666510, 5552781										
80	666510	5552781	H447458	1.1	1-2% quartz veins with weak to moderate FeOx; weak to moderate FeOx and sericite in QFP; trace to 0.5% very fine grained pyrite	H447458	6.24	0.01					
80	666509	5552781	H447459	1.0	50% quartz veins with weak to moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite - mainly in quartz veins	H447459	5.59	0.10		H447459	0.14	0.11	0.15
80	666508	5552781	H447460	1.0	35-40% quartz veins with weak to moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H447460	6.24	0.01					
80	666507	5552781	H447461	1.0	2-3% quartz veins; barren to weak local FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447461	6.5	0.01					
80	666506	5552781	H447462	1.0	No quartz veins; moderate sericite; trace very fine grained pyrite	H447462	5.86	0.01					
			Channel #81: East end UTMs: 666526, 5552805; azimuth 120										
81	666526	5552806	H447463	0.8	~5% narrow quartz veins (~0.5 cm) with weak to moderate FeOx, also in QFP; local moderate sericite; trace very fine grained pyrite	H447463	4.36	0.09		H447463	<0.05	0.03	0.04
81	666525	5552806	H447464	1.0	~10% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447464	5.14	0.05					
			Channel #82: East end UTMs: 666533, 5552803; azimuth 105										
82	666533	5552803	H447465	0.8	No quartz veins; weak sericite and FeOx; trace to 0.5% very fine grained pyrite	H447465	4.83	0.03					
82	666532	5552803	H447466	1.0	~10% quartz veins with weak FeOx; weak sericite; trace very fine grained pyrite	H447466	5.12	0.10		H447466	0.12	0.12	0.13
82	666531	5552803	H447467	1.0	<5% quartz veins with weak FeOx; weak sericite; trace very fine grained pyrite	H447467	4.06	0.08		H447467	0.06	0.07	0.06
82	666530	5552803	H447468	1.0	As above	H447468	4.26	0.02					
			Channel #83: East end UTMs: 666524, 5552801; azimuth 90										
83	666524	5552801	H447469	1.0	60-70% quartz veins with moderate FeOx; weak to moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447469	7.51	0.04					
83	666523	5552801	H447470	1.0	15-20% quartz veins with weak to moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447470	5.16	0.03					
83	666522	5552801	H447471	1.0	~5% quartz veins with moderate FeOx in veins and QFP; weak to moderate sericite; trace very fine grained pyrite	H447471	3.87	0.08		H447471	0.11	0.16	0.06
			Channel #84: East end UTMs: 666524, 5552799; azimuth 90										
84	666524	5552799	H447472	1.0	~5% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447472	2.98	0.08		H447472	0.05	0.03	0.05

All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west

Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	50g Au Assay Au	Au Check	SAMPLE	Metallic Screen Au-SCR21 Au Total	30g check Au-AA25 Au	30g check Au-AA25D Au
84	666523	5552799	H447473	1.0	5-10% quartz veins with weak to moderate FeOx, also in QFP; moderate sericite; trace very fine grained pyrite	H447473	3.2	0.08		H447473	0.08	0.11	0.06
84	666522	5552799	H447474	1.0	10-15% quartz veins with moderate FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite	H447474	4.97	0.05		H447474	0.07	0.06	0.09
84	666521	5552799	H447475	1.2	<5% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite	H447475	4.67	0.23		H447475	1.01	0.17	0.2
84	666520	5552799	H447476	1.0	No quartz veins; weak to moderate sericite; trace very fine grained pyrite	H447476	4.27	0.09		H447476	0.1	0.11	0.09
84	666519	5552799	H447477	1.0	50% quartz veins with weak FeOx, weak sericite and moderate FeOx in QFP; trace very fine grained pyrite	H447477	2.4	0.08		H447477	0.09	0.09	0.09
84	666518	5552799	H447478	1.0	2-3% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447478	3.18	0.10		H447478	0.1	0.1	0.11
			Channel #85: East end UTMs: 666531, 5552797; azimuth 100										
85	666531	5552797	H447479	1.0	~10% quartz veins with local moderate FeOx; moderate sericite and FeOx in QFP; trace to 0.5% very fine grained pyrite	H447479	2.99	0.10		H447479	0.09	0.09	0.11
85	666530	5552797	H447480	1.0	~5% quartz veins with weak FeOx and occasional medium grained pyrite; weak to moderate sericite; trace very fine grained pyrite	H447480	2.27	0.10		H447480	0.1	0.08	0.11
85	666529	5552797	H447481	1.0	1-2% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite	H447481	1.92	0.08		H447481	0.07	0.07	0.07
85	666528	5552797	H447482	1.0	5% quartz veins with weak FeOx; moderate sericite and weak FeOx in QFP; trace very fine grained pyrite	H447482	2.5	0.18		H447482	0.44	0.27	0.31
85	666527	5552797	H447483	1.0	1% quartz veins with weak FeOx; moderate FeOx and weak sericite in QFP; trace very fine grained pyrite	H447483	2.13	0.05		H447483	0.07	0.06	0.08
85	666526	5552797	H447484	1.0	<5% quartz veins with weak FeOx; weak to locally moderate to strong sericite; trace to 0.5% very fine grained pyrite	H447484	2.94	0.12		H447484	0.18	0.2	0.18
85	666525	5552797	H447485	0.5	5-10% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H447485	1.55	0.15		H447485	0.17	0.18	0.15
			Channel #86: East end UTMs: 666505, 5552751; azimuth 100										
86	666505	5552751	H447486	0.7	1-2% quartz veins with weak to moderate FeOx; moderate FeOx and sericite in QFP; 0.5% very fine grained pyrite	H447486	4.29	0.02					
86	666504	5552751	H447487	1.0	~20% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine to fine grained to locally medium grained pyrite	H447487	6.22	0.02					
86	666503	5552751	H447488	1.0	5-10% quartz veins with moderate FeOx; moderate to locally strong sericite; 0.5 to 1.0% very fine grained pyrite	H447488	5.8	0.01					
86	666502	5552751	H447489	1.0	25-30% quartz veins with weak FeOx and moderate FeOx in QFP; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite - all in QFP	H447489	5.19	0.01					
86	666501	5552751	H447490	1.0	90% quartz veins with weak to locally moderate FeOx and occasional patch of coarse grained pyrite; trace pyrite overall	H447490	4.82	0.01					
86	666500	5552751	H447491	1.0	~40% quartz veins with weak FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H447491	5.34	0.03					
			Channel #87: East end UTMs: 666502, 5552747; azimuth 95										
87	666502	5552747	H447492	1.0	1-2% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447492	4.43	0.01					
87	666501	5552747	H447493	1.0	20-25% quartz veins with weak to moderate FeOx; moderate sericite; trace very fine grained pyrite with occasional medium grains/patches in quartz veins	H447493	7.05	0.03					
87	666500	5552747	H447494	1.0	5-10% quartz veins with weak FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H447494	5.77	0.02					
87	666499	5552747	H447495	0.6	As above	H447495	3.93	0.01					
87	666498	5552747	H447496	1.0	20-25% quartz veins with weak to moderate FeOx and occasional medium to coarse grained pyrite; moderate sericite; 1% very fine grained pyrite	H447496	7.6	0.03					
87	666497	5552747	H447497	1.0	~10% quartz veins with moderate FeOx and occasional fine to medium grained pyrite; moderate FeOx and sericite in QFP; trace to 0.5% very fine grained pyrite	H447497	7.88	0.02					
87	666496	5552747	H447498	1.0	5% quartz veins with moderate FeOx, also in QFP; weak to moderate sericite; trace very fine grained pyrite	H447498	8.17	0.02					
87	666495	5552747	H447499	1.0	5% quartz veins with moderate FeOx; weak sericite; 0.5% to 1.0% very fine grained pyrite	H447499	5.02	0.02					
87	666494	5552747	H447500	1.0	5-10% quartz veins with moderate FeOx in veins and surrounding wallrock; weak to locally moderate sericite; 0.5% very fine grained pyrite	H447500	5.96	0.02					
			Channel #88: East end UTMs: 666499, 5552743; azimuth 90										
88	666499	5552743	H449501	1.4	15-20% quartz veins with weak to moderate FeOx; moderate sericite and FeOx in QFP; 0.5% very fine grained pyrite with occasional fine to medium grains in quartz veins	H449501	8.39	0.02			0.02		
88	666498	5552743	H449502	1.0	~50% quartz veins with weak to moderate FeOx; moderate sericite and FeOx in QFP; trace fine grained pyrite - mainly in quartz veins	H449502	7.86	0.17		H449502	0.16	0.15	0.17
88	666497	5552743	H449503	1.0	5% quartz veins with moderate FeOx, also in QFP; moderate sericite; trace medium pyrite in veins	H449503	9.6	0.03		H449503	0.05	0.03	0.04
			Channel #89: East end UTMs: 666509, 5552741; azimuth 90										
89	666509	5552741	H449504	1.0	100% quartz veins with moderate FeOx; 1% stringer and disseminated fine to medium grained pyrite	H449504	4.69	0.40		H449504	0.38	0.32	0.25
89	666508	5552741	H449505	0.9	100% quartz veins as above; trace fine grained pyrite	H449505	4.08	0.10		H449505	0.14	0.15	0.12
89	666507	5552741	H449506	1.3	Note: 1 metre gap between 505 and 506 due to roots; ~30% quartz veins with moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449506	7.5	0.04		H449506	0.06	0.05	0.06

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west									Metallic Screen	30g check	30g check
								50g Au Assay				Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
89	666506	5552741	H449507	1.0	15-20% quartz veins with weak to moderate FeOx; moderate to locally strong sericite;0.5 to 1% very fine grained to locally medium grained stringer and disseminated pyrite in veins and wallrock	H449507	5.07	0.15		H449507	0.19	0.15	0.19
89	666505	5552741	H449508	1.0	~50% quartz veins, barren to moderate FeOx with blebs/patches/stringers of fine to medium grained pyrite; moderate to strong sericite; 0.5% pyrite overall - trace very fine grained in QFP	H449508	4.3	0.31		H449508	1.07	0.57	0.54
			Channel #90: East end UTMs: 666502, 5552737; azimuth 100											
90	666502	5552737	H449509	1.0	30-35% quartz veins with weak to locally moderate FeOx; moderate sericite; trace very fine grained pyrite	H449509	5.47	0.02		H449509	0.05	0.04	0.03
90	666501	5552737	H449510	1.0	10-15% quartz veins with moderate FeOx; moderate sercite; trace to 0.5% very fine grained pyrite	H449510	4.1	0.11		H449510	0.08	0.06	0.09
90	666500	5552737	H449511	1.0	70-75% quartz veins - barren with local weak to moderate FeOx; moderate sericite; trace very fine grained pyrite	H449511	5	0.15		H449511	0.25	0.17	0.15
90	666499	5552737	H449512	1.0	90% quartz veins with moderate to locally strong FeOx; minor sericite; trace very fine grained pyrite in sericite/QFP	H449512	4.53	0.12		H449512	0.17	0.13	0.13
90	666498	5552737	H449513	1.0	~10% quartz veins with moderate FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H449513	4.87	0.03		H449513	0.06	0.07	0.06
90	666497	5552737	H449514	1.0	~5% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H449514	3.84	0.14		H449514	0.28	0.24	0.23
90	666496	5552737	H449515	1.0	~10% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H449515	5.26	0.14		H449515	0.58	0.27	0.3
90	666495	5552737	H449516	1.0	As above, with trace to 0.5% very fine grained pyrite	H449516	4.48	0.12		H449516	0.11	0.08	0.12
90	666494	5552737	H449517	1.0	~5% quartz veins with weak FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H449517	4.57	0.06		H449517	0.1	0.1	0.08
			Channel #91: East end UTMs: 666497, 5552733; azimuth 105											
91	666497	5552733	H449518	1.4	60% quartz veins with weak to moderate FeOx; moderate to strong sericite; trace medium grained/blebs pyrite in quartz veins	H449518	5.13	0.11		H449518	0.11	0.05	0.15
			Channel #92: East end UTMs: 666500, 5552723; azimuth 100											
92	666500	5552723	H449519	1.3	90% quartz veins with moderate FeOx and strong sericite in veins and wallrock; 0.5% very fine and medium grained/blebs pyrite	H449519	5.52	0.05		H449519	0.1	0.07	0.07
92	666499	5552723	H449520	1.0	70% quartz veins as above	H449520	3.63	3.65		H449520	0.35	0.34	0.23
92	666498	5552723	H449521	1.0	90% quartz veins with weak FeOx to barren; strong sericite in remaining 10%; trace very fine grained pyrite	H449521	4.45	0.02		H449521	0.08	0.03	0.03
92	666497	5552723	H449522	1.0	75% quartz veins - mostly barren with local strong FeOx over 20 cm; strong sericite; trace very fine grained pyrite	H449522	3.33	0.33		H449522	0.53	0.24	0.29
92	666496	5552723	H449523	1.0	15-20% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H449523	3.36	0.06		H449523	0.08	0.08	0.06
			Channel #93: East end UTMs: 666499, 5552719; azimuth 95											
93	666499	5552719	H449524	1.2	~40% quartz veins with moderate FeOx; strong sericite; 1% pyrite overall, very fine grained in sercite and fine to medium grained in quartz veins	H449524	6.27	0.63		H449524	0.86	0.64	0.65
93	666498	5552719	H449525	0.7	2-3% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449525	1.9	0.34		H449525	0.14	0.12	0.08
93	666497	5552719	H449526	1.0	10-15% quartz veins with moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449526	6.29	0.13		H449526	0.23	0.16	0.17
93	666496	5552719	H449527	1.0	30-35% quartz veins, barren to weak FeOx; moderate sericite; trace very fine grained pyrite	H449527	5.11	0.12		H449527	0.21	0.15	0.19
			Channel #94: East end UTMs: 666493, 5552712; azimuth 110											
94	666493	5552712	H449528	1.0	~5% quartz veins with weak to moderate FeOx, also in QFP; moderate sericite; trace to 0.5% very fine grained pyrite	H449528	3.77	1.77		H449528	2.83	2.36	2.01
94	666492	5552712	H449529	1.0	10% quartz veins with moderate FeOx; weak FeOx and moderate sericite in QFP; trace to 0.5% very fine grained pyrite	H449529	3.51	0.21		H449529	0.16	0.1	0.13
94	666491	5552712	H449530	1.0	~5% quartz veins with moderate FeOx; moderate FeOx and sericite in QFP; trace very fine grained pyrite	H449530	5.43	5.86		H449530	6.06	3.01	3.1
94	666490	5552712	H449531	1.0	80% quartz veins - mainly barren with local weak FeOx and occasional fine grained pyrite; moderate sericite; trace fine grained pyrite overall	H449531	3.01	106.00		H449531	13.6	7.64	7.27
94	666489	5552712	H449532	1.0	~5% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H449532	5.87	0.06		H449532	0.11	0.08	0.1
94	666488	5552712	H449533	0.7	No quartz veins; moderate FeOx and sericite; trace very fine grained pyrite	H449533	2.69	0.18		H449533	0.05	0.05	0.04
			Channel #95: East end UTMs: 666485, 5552707; azimuth 105											
95	666485	5552707	H449534	1.4	~10% barren quartz veins; moderate sericite; trace to 0.5% very fine grained pyrite	H449534	7.83	0.07		H449534	0.05	0.05	0.06
95	666484	5552707	H449535	1.0	~25% quartz veins with weak to locally moderate FeOx; moderate sericite; trace very fine grained pyrite	H449535	7.39	0.35		H449535	0.05	0.05	0.04
			Channel #96: East end UTMs: 666496, 5552709; azimuth 135											
96	666496	5552709	H449536	0.8	Mafic volcanic; dark grey-green; very fine grained to aphanitic; moderate carb stringers/fractures; appears to be stretched out pillows; sheared at ~35% azimuth with dip of 70-80 degrees east; <5% quartz pods with moderate FeOx; trace very fine grained pyrite	H449536	5.19	0.01					
96	666495	5552709	H449537	1.0	Mafic volcanic (mv) as above, with 1-2% quartz pods - barren to weak FeOx; trace very fine grained pyrite	H449537	8.18	0.01					
96	666494	5552709	H449538	1.0	Mv as above; no quartz; trace very fine grained pyrite	H449538	6.83	0.01					
96	666493	5552709	H449539	1.0	Mv as above; 1% quartz; trace very fine grained pyrite	H449539	7.02	0.01					

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west											
								50g Au Assay				Metallic Screen Au-SCR21	30g check Au-AA25	30g check Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
			Channel #97: East end UTMs: 666493, 5552706; azimuth 135										
97	666493	5552706	H449540	1.0	Mv with ~2% quartz with moderate FeOx; trace very fine grained pyrite	H449540	6.08	0.01					
97	666492	5552706	H449541	1.0	1% quartz veins/pods with moderate FeOx; trace pyrite	H449541	5.61	0.01					
97	666491	5552706	H449542	1.0	Mv with 1-2% quartz pods with moderate FeOx; trace very fine grained pyrite	H449542	4.27	0.01					
			Channel #98: East end UTMs: 666487, 5552697; azimuth 135										
98	666487	5552697	H449543	1.0	Mv with <1% thin (1-2mm) quartz stringers/fractures; trace very fine grained pyrite	H449543	5.89	0.01					
98	666486	5552697	H449544	1.0	As above with ~1% quartz	H449544	5.77	0.01					
98	666485	5552697	H449545	1.0	As above	H449545	4.6	0.01					
98	666484	5552697	H449546	1.0	As above	H449546	6.56	0.01					
98	666483	5552697	H449547	1.0	As above	H449547	4.01	0.01					
			Channel #99: East end UTMs: 666484, 5552698; azimuth 135										
99	666484	5552698	H449548	1.0	Mv with ~2% quartz veins and trace pyrite	H449548	4.59	0.01					
99	666483	5552698	H449549	1.0	Mv with no quartz veins; ~20% feldspar porphyry sill/dyke; trace very fine grained pyrite	H449549	3.84	0.01					
			Channel #100: East end UTMs: 666479, 5552690; azimuth 135										
100	666479	5552690	H449550	1.0	Mv as above with <1% quartz veins with moderate FeOx; trace very fine grained pyrite	H449550	4.52	0.01					
100	666478	5552690	H449551	1.0	As above	H449551	5.59	0.01					
100	666477	5552690	H449552	1.0	As above	H449552	5.46	0.01					
100	666476	5552690	H449553	1.0	As above	H449553	4.35	0.01					
100	666475	5552690	H449554	1.0	As above, with no FeOx	H449554	4.28	0.01					
100	666474	5552690	H449555	1.4	Mv as above with ~1% quartz veins and moderate FeOx	H449555	6.08	0.01					
100	666473	5552690	H449556	0.9	Mv with no quartz veins; no sulphides	H449556	5.37	0.01					
100	666472	5552690	H449557	1.0	As above	H449557	5.55	0.01					
100	666471	5552690	H449558	1.0	Mv with 2% quartz veins and moderate FeOx; trace very fine grained pyrite	H449558	5.79	0.01					
			Channel #101: East end UTMs: 666476, 5552692; azimuth 150										
101	666476	5552692	H449559	1.0	Mv as above with <1% quartz veins with moderate FeOx; trace very fine grained pyrite	H449559	5.16	0.01					
101	666475	5552692	H449560	1.0	As above	H449560	6.15	0.01					
			Channel #102: East end UTMs: 666470, 5552694; azimuth 150										
102	666470	5552694	H449561	1.0	As above	H449561	5.42	0.01					
102	666469	5552694	H449562	1.0	As above with ~1% quartz veins and weak to moderate FeOx	H449562	7.64	0.01					
102	666468	5552694	H449563	1.0	Mv with ~5% feldspar porphyry sill/dyke; trace very fine grained pyrite	H449563	5.95	0.01					
102	666467	5552694	H449564	1.0	Mv with ~15% feldspar porphyry and occasional vuggy carbonate vein; trace to 0.5% very fine grained disseminated and stringer pyrite	H449564	6.08	0.01					
			Channel #103: East end UTMs: 666445, 5552704; azimuth 95										
103	666445	5552704	H449565	1.0	This outcrop is back into the QFP. 25% quartz veins - barren; moderate to strong sericite and moderate FeOx in QFP; trace to 0.5% very fine grained pyrite	H449565	4.23	0.06		H449565	0.07	0.07	0.07
103	666444	5552704	H449566	0.6	15-20% barren quartz veins with trace pyrite; strong sericite; trace very fine grained pyrite	H449566	3.25	0.01					
			Channel #104: East end UTMs: 666444, 5552710; azimuth 110										
104	666444	5552710	H449567	1.0	5-10% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H449567	5.55	0.08		H449567	<0.05	0.02	0.02
104	666443	5552710	H449568	1.0	~20% quartz veins with moderate to strong FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449568	3.68	0.08		H449568	0.16	0.12	0.11
104	666442	5552710	H449569	0.9	20% quartz veins with weak FeOx and 1 patch of coarse galena (~1 cm); moderate sericite; trace to 0.5% very fine grained pyrite	H449569	3.31	0.04					
104	666441	5552710	H449570	1.0	~10% quartz veins with weak to moderate FeOx; weak to moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449570	5.15	0.02					
104	666440	5552710	H449571	1.0	1-2% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H449571	3.43	0.01					
			Channel #105: East end UTMs: 666444, 5552713; azimuth 105										
105	666444	5552713	H449572	1.0	~10% quartz veins with moderate FeOx; moderate to strong sericite; trace to 0.5% very fine grained pyrite	H449572	5.55	0.12		H449572	0.12	0.11	0.13
105	666443	5552713	H449573	1.0	25-30% quartz veins with weak to moderate FeOx; moderate sericite; 0.5% very fine grained pyrite	H449573	6.35	0.05					
105	666442	5552713	H449574	1.0	~10% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite (up to ~0.5 cm); moderate sericite; 0.5 to1% very fine grained pyrite	H449574	6.62	0.03					
105	666441	5552713	H449575	1.0	~20% quartz veins with moderate to strong FeOx; moderate sericite; 0.5 to 1% very fine grained pyrite	H449575	4.21	0.10		H449575	0.11	0.06	0.1
105	666440	5552713	H449576	1.0	55-60% quartz veins with quartz veins with local moderate FeOx; moderate sericite; 0.5% very fine grained pyrite in QFP and trace galena in quartz veins	H449576	5.7	0.02					
105	666439	5552713	H449577	1.0	~10% quartz veins with weak FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite	H449577	6.62	0.03					
105	666438	5552713	H449578	0.5	No quartz veins; moderate sericite; trace to 0.5% very fine grained pyrite	H449578	3.01	0.05					
			Channel #106: East end UTMs: 666442, 5552716; azimuth 105										

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west								Metallic Screen	30g check	30g check
								50g Au Assay			Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
106	666442	5552716	H449579	1.3	10-15% quartz veins with weak to locally strong FeOx and occasional medium grained pyrite; moderate to strong sericite and moderate FeOx in QFP; 0.5 to 1% very fine grained pyrite	H449579	8.41	0.02					
106	666441	5552716	H449580	1.0	~25% quartz veins with weak FeOx; moderate to strong sericite; 0.5 to 1% very fine grained pyrite	H449580	4.99	0.01					
106	666440	5552716	H449581	1.0	~5% quartz veins with weak FeOx; moderate sericite;0.5 to 1% very fine grained pyrite	H449581	5.11	0.03					
106	666439	5552716	H449582	1.0	<5% quartz veins with weak to moderate FeOx; moderate sericite; 0.5 to 1% very fine grained pyrite	H449582	6.1	0.03					
106	666438	5552716	H449583	1.0	2-3% quartz veins with weak FeOx; moderate sericite; 0.5 to 1% very fine grained pyrite	H449583	5.47	0.02					
			Channel #107: East end UTMs: 666419, 5552683; azimuth 105										
107	666419	5552683	H449584	1.0	5-10% quartz veins with moderate FeOx; moderate to strong chlorite alteration mainly as dark green laths up to 3-4 cm long and clots; weak to moderate sericite, trace very fine grained pyrite	H449584	4.92	0.01					
107	666418	5552683	H449585	1.0	No quartz veins; chlorite alteration as above; moderate FeOx and sercite; trace very fine grained pyrite	H449585	6.11	0.01					
107	666417	5552683	H449586	1.0	No quartz veins; chlorite alteration decreases, with laths/clots dropping off; weak to moderate sericite; possibly silicified; 0.5 to 1% fine to very fine grained pyrite	H449586	5.35	0.02					
107	666416	5552683	H449587	0.8	~5% quartz pods; chlorite laths/clots absent; weak to moderate sericite; possibly silicified; 1-2% fine to very fine grained disseminated and wispy pyrite	H449587	3.89	0.13		H449587	0.09	0.11	0.06
			Channel #108: East end UTMs: 666422, 5552686; azimuth 105										
108	666422	5552686	H449588	1.0	~15% quartz veins with moderate to strong FeOx; weak to moderate sericite; feldspar often euhedral, up to 1 cm; ~1% fine to very fine grained stringers/wisps/disseminated pyrite	H449588	4.55	0.30		H449588	0.33	0.34	0.32
108	666421	5552686	H449589	1.0	15-20% quartz veins/pods with weak FeOx; moderate sericite; 0.5 to 1% fine to very fine grained wisps/disseminated pyrite	H449589	4.66	0.05		H449589	0.05	0.03	0.03
108	666420	5552686	H449590	1.0	1-2% quartz pods; local moderate FeOx and moderate to strong sericite in QFP; 0.5% very fine grained pyrite	H449590	3.98	0.45		H449590	0.59	0.49	0.46
108	666419	5552686	H449591	0.8	No quartz veins; moderate to strong sericite; trace to 0.5% very fine grained pyrite	H449591	2.9	0.05		H449591	0.05	0.05	0.05
			Channel #109: East end UTMs: 666437 (? seems wrong), 5552723; azimuth 115; channel is next to QFP contact										
109	666437	5552723	H449592	0.9	Mafic volcanic (mv); grey; very fine grained; moderate to strong carbonate fractures; no sulphides seen	H449592	4.97	0.01					
109	666436	5552723	H449593	1.0	Mv as above with less carbonate fracturing; trace fine to medium grained pyrite	H449593	3.95	0.02					
109	666435	5552723	H449594	1.0	Mv with weak carbonate fractures; trace fine grained pyrite	H449594	4.72	0.01					
			Channel #110: East end UTMs: 666429 (? seems wrong), 5552724; azimuth 110										
110	666429	5552724	H449595	1.0	QFP next to contact with mafic volcanic; strong sericite and moderate FeOx; rock is homogenous, massive - grain boundaries generally not visible; light reddish brown; <1% quartz veins; 0.5% fine to very fine grained pyrite	H449595	4.61	0.35		H449595	0.39	0.35	0.42
110	666428	5552724	H449596	1.0	Mafic volcanic next to QFP above; no quartz veins, but appears to be moderately silicified, with ~10% chlorite wisps/clots; 0.5% very fine grained to locally medium grained pyrite	H449596	3.78	1.94		H449596	1.94	1.9	1.71
			Channel #111: East end UTMs: 666549, 5552684; azimuth 135										
111	666549	5552684	H449597	1.0	Diorite/gabbro; medium to dark green-grey; fine to medium grained; massive, equigranular; no sulphides observed in sample	H449597	5.9	0.01					
111	666548	5552684	H449598	1.0	As above, with ~1% quartz veins with moderate FeOx; no sulphides	H449598	5.01	0.01					
111	666547	5552684	H449599	1.0	As above, with <1% quartz-carbonate veinlet; no sulphides	H449599	6.32	0.01					
111	666546	5552684	H449600	1.3	As above	H449600	8.29	0.02					
			Channel #112: East end UTMs: 666549, 5552693; azimuth 100										
112	666549	5552693	H449601	0.9	Diorite/gabbro as above with 2-3 cm feldspar (felsite) vein with 5-7 mm quartz vein; ~5% quartz veins with moderate FeOx; no sulphides	H449601	4.88	0.01					
112	666548	5552693	H449602	1.0	Diorite/gabbro with ~1-2% quartz veins with moderate FeOx; trace very fine grained pyrite	H449602	4.18	0.01					
112	666547	5552693	H449603	1.1	Diorite/gabbro with 2-3% quartz veins with moderate FeOx; no sulphides	H449603	7.18	0.01					
			Channel #113: East end UTMs: 666557, 5552728; azimuth 150; mafic volcanic outcrop just north of diorite above										
113	666557	5552728	H449604	1.0	mv with <1% quartz veins; moderate carbonate veinlets/fractures; no sulphides	H449604	6.29	0.01					
113	666556	5552728	H449605	1.0	mv with no quartz veins; moderate carbonate fractures; no sulphides	H449605	5.47	0.01					
			Channel #114: East end UTMs: 666570, 5552745; azimuth 110										
114	666570	5552745	H449606	0.6	QFP; more mafic content than previously seen - appears to be intermediate between QFP and diorite/gabbro just south; no quartz veins; weak FeOx; weak sericite; trace very fine grained pyrite	H449606	3.55	0.01					
114	666569	5552745	H449607	1.0	As above	H449607	4.23	0.01					
114	666568	5552745	H449608	1.0	1-2% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite	H449608	3.93	0.29		H449608	<0.05	<0.01	<0.01
114	666567	5552745	H449609	1.0	Looks more mafic; clots/wisps of chlorite; moderate FeOx; <1% quartz pods; trace to 0.5% very fine grained pyrite	H449609	3.88	0.01					
114	666566	5552745	H449610	1.0	As above; trace very fine grained pyrite	H449610	4.62	0.01					
114	666565	5552745	H449611	1.0	~40% quartz veins with weak to moderate FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H449611	4.26	0.02					
114	666564	5552745	H449612	0.8	90% quartz veins with moderate FeOx; moderate sericite; trace fine to medium grained pyrite	H449612	2.39	0.01					

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west								Metallic Screen	30g check	30g check
								50g Au Assay			Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
114	666563	5552745	H449613	1.0	As above	H449613	5.22	0.01					
			Channel #115: East end UTMs: 666577, 5552749; azimuth 105										
115	666577	5552749	H449614	1.0	QFP as above, with moderate chlorite; 5-10% quartz veins with weak FeOx; trace very fine grained pyrite	H449614	4.45	0.01					
115	666576	5552749	H449615	1.0	As above with ~1-2% quartz veins; moderate FeOx fractures; trace to 0.5% very fine grained pyrite	H449615	3.85	0.01					
115	666575	5552749	H449616	1.0	As above; 1% quartz veins	H449616	3.72	0.01					
115	666574	5552749	H449617	1.0	As above	H449617	3.58	0.03					
115	666573	5552749	H449618	1.0	As above with moderate to strong FeOx; trace very fine grained pyrite	H449618	3.74	0.01					
115	666572	5552749	H449619	1.0	As above	H449619	2.81	0.01					
115	666571	5552749	H449620	1.0	No quartz veins; weak to locally moderate FeOx; trace very fine grained pyrite	H449620	4.27	0.01					
			Channel #116: East end UTMs: 666568, 5552747; azimuth 105										
116	666568	5552747	H449621	0.5	~20% quartz veins with weak FeOx and occasional fine to medium grained pyrite; moderate sericite and weak FeOx in QFP; trace to 0.5% very fine grained pyrite	H449621	2.66	0.01					
116	666567	5552747	H449622	1.0	5-10% quartz veins with weak FeOx and occasional blebs of pyrite; moderate FeOx and sericite in QFP; trace to 0.5% very fine grained pyrite	H449622	5.03	0.01					
			Channel #117: East end UTMs: 666566, 5552749; azimuth 145										
117	666566	5552749	H449623	1.0	Moderate chlorite - appears more mafic than QFP above; 20-25% quartz veins with local moderate FeOx; moderate sericite; 1-2% very fine grained to locally medium grained pyrite (disseminated/stringers/blebs)	H449623	6.55	0.03					
			Channel #118: East end UTMs: 666571, 5552754; azimuth 105										
118	666571	5552754	H449624	0.5	5-10% quartz veins with weak FeOx; moderate to strong FeOx and moderate sericite in QFP; trace very fine grained pyrite	H449624	1.93	0.44		H449624	0.6	0.45	0.58
118	666570	5552754	H449625	1.0	~5% quartz veins with weak FeOx; moderate FeOx and moderate to strong sericite in QFP; 0.5% very fine grained pyrite	H449625	5.84	0.12		H449625	0.21	0.13	0.2
118	666569	5552754	H449626	1.0	15-20% quartz veins with weak FeOx; moderate FeOx and sericite in QFP; 1% very fine grained to locally medium grained pyrite	H449626	4.31	0.28		H449626	0.32	0.26	0.25
118	666568	5552754	H449627	1.0	10-15% quartz veins with locally strong FeOx; strong sericite; 1-2% very fine to medium grained pyrite	H449627	5.21	0.51		H449627	0.69	0.27	0.41
118	666567	5552754	H449628	1.0	As above with 2-3% very fine to medium grained pyrite	H449628	5.12	0.21		H449628	0.35	0.36	0.28
			Channel #119: East end UTMs: 666570, 5552755; azimuth 105										
119	666570	5552755	H449629	1.0	25-30% quartz veins - barren to local moderate FeOx and occasional patch of galena; moderate to strong sericite; 1-2% very fine grained to fine grained pyrite	H449629	5.17	0.13		H449629	0.29	0.14	0.25
119	666569	5552755	H449630	1.0	~20% quartz veins with weak FeOx and blebs of galena up to 2 cm; strong sericite; 1-2% very fine grained to locally medium grained pyrite	H449630	5.34	3.21		H449630	7.1	3.08	2.95
			Channel #120: East end UTMs: 666553, 5552751; azimuth 85										
120	666553	5552751	H449631	1.1	~5% quartz veins with moderate to strong FeOx and occasional fine to medium grained pyrite; weak sericite; 0.5% very fine grained pyrite	H449631	5.08	0.10		H449631	0.08	0.06	0.09
120	666552	5552751	H449632	1.1	5-10% quartz veins with weak to moderate (locally strong) FeOx; weak sericite and local moderate FeOx in QFP; 0.5% very fine grained pyrite	H449632	6.38	0.03		H449632	<0.05	0.03	0.03
120	666551	5552751	H449633	0.8	5-10% quartz veins with weak FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H449633	2.64	0.09		H449633	0.12	0.1	0.12
			Channel #121: East end UTMs: 666550, 5552765; azimuth 90										
121	666550	5552765	H449634	1.0	No quartz veins; weak to moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449634	4.01	0.03			0.03		
121	666549	5552765	H449635	0.8	~5% quartz veins with moderate FeOx; moderate sericite and FeOx in QFP - FeOx often in round spots around corroded pyrite; trace very fine grained pyrite	H449635	3.61	18.65		H449635	1.27	0.51	0.48
			Channel #122: East end UTMs: 666553, 5552770; azimuth 70										
122	666553	5552770	H449636	1.0	2-3% quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449636	5.57	0.01			0.01		
122	666552	5552770	H449637	0.9	~60% quartz veins - mainly white and barren, with local weak to moderate FeOx; moderate sericite; trace very fine grained pyrite with occasional medium grained pyrite	H449637	5.1	3.05		H449637	1.35	1.12	1.07
			Channel #123: East end UTMs: 666585, 5552764; azimuth 85										
123	666585	5552764	H449638	1.0	1% quartz veins with no FeOx; moderate FeOx and sericite in QFP; trace very fine grained pyrite	H449638	5.89	0.09		H449638	0.05	0.01	0.02
123	666584	5552764	H449639	1.0	2-3% quartz veins with weak FeOx; moderate sericite and local moderate FeOx in QFP; trace very fine grained pyrite	H449639	5.33	0.01		H449639	0.05	0.01	<0.01
123	666583	5552764	H449640	1.0	~10% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite with occasional medium grains in quartz veins	H449640	5.74	0.12		H449640	0.2	0.09	0.12
123	666582	5552764	H449641	1.2	20% quartz veins with weak FeOx; moderate to locally strong sericite and local moderate FeOx in QFP; trace very fine grained pyrite	H449641	7.99	3.81		H449641	4.4	2.52	2.17
123	666581	5552764	H449642	1.0	~50% quartz veins with moderate FeOx and occasional medium grained pyrite and trace fine grained galena; moderate to strong sericite trace very fine grained pyrite	H449642	4.02	10.10		H449642	0.23	0.14	0.15
123	666580	5552764	H449643	1.0	10% quartz veins with weak FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H449643	4.31	0.21		H449643	0.21	0.1	0.11
123	666579	5552764	H449644	0.8	No quartz veins; weak to moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449644	4.05	0.03		H449644	0.05	0.01	0.02

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west					50g Au Assay				Metallic Screen Au-SCR21 Au Total	30g check Au-AA25 Au	30g check Au-AA25D Au
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE				
			Channel #124: East end UTMs: 666575, 5552774; azimuth 75											
124	666575	5552774	**H449645**	0.9	~40% quartz veins - barren to weak FeOx; moderate to strong sericite; trace very fine grained pyrite	H449645	4.91	0.01						
124	666574	5552774	**H449646**	1.0	As above	H449646	5.42	0.01						
124	666573	5552774	**H449647**	1.0	25-30% quartz veins with weak to moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite and occasional medium grains in quartz veins	H449647	4.94	0.06		H449647	<0.05	0.01	<0.01	
124	666572	5552774	**H449648**	1.0	35-40% quartz veins - barren to local moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H449648	4	0.01						
124	666571	5552774	**H449649**	1.0		H449649	3.67	0.02						
			Channel #125: East end UTMs: 666582, 5552781; azimuth 100											
125	666582	5552781	**H449650**	1.0	<5% quartz veins with weak FeOx; moderate sericite and local moderate FeOx in QFP; trace very fine grained pyrite	H449650	4.08	0.07		H449650	0.13	0.11	0.13	
125	666581	5552781	**H449651**	1.0	25-30% quartz veins with weak to moderate FeOx; moderate sericite; trace very fine grained pyrite	H449651	3.15	0.09		H449651	0.05	0.03	0.05	
125	666580	5552781	**H449652**	0.9	1-2% quartz veins with moderate FeOx and occasional fine to medium grained pyrite; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449652	4.71	0.08		H449652	0.11	0.14	0.07	
125	666579	5552781	**H449653**	1.0	As above with weaker FeOx in QFP	H449653	6.35	0.11		H449653	0.07	0.05	0.06	
125	666578	5552781	**H449654**	1.0	10-15% quartz veins with moderate FeOx - locally white, barren; local moderate FeOx and moderate sericite in QFP; trace to 0.5% very fine grained pyrite	H449654	6.56	0.07		H449654	0.61	0.47	0.45	
125	666577	5552781	**H449655**	1.0	~5% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite; moderate sericite and FeOx in QFP; trace to 0.5% very fine grained pyrite	H449655	6.16	0.24		H449655	<0.05	0.02	0.01	
125	666576	5552781	**H449656**	1.0	15-20% quartz veins with weak FeOx and occasional fine to medium grained pyrite; moderate to locally strong sericite; trace very fine grained pyrite	H449656	5.58	0.03						
125	666575	5552781	**H449657**	1.0	~10% quartz veins - barren with local moderate FeOx; moderate to locally strong sericite; occasional fine to medium grained pyrite in quartz veins and trace to 0.5% very fine grained pyrite in QFP	H449657	6.22	0.03						
125	666574	5552781	**H449658**	1.2	2-3% thin quartz veins with moderate FeOx and occasional fine to medium grained pyrite; moderate FeOx and sericite in QFP; trace very fine grained pyrite	H449658	5.63	0.01						
			Channel #126: East end UTMs: 666511, 5552690; azimuth 40											
	666511	5552690	**H449659**	1.0	Mafic volcanic (mv); medium to dark grey; very fine grained to aphanitic; moderate to strong foliation/shearing @~ 10-90; ~30-35% quartz veins with moderate FeOx and carbonate; trace very fine grained pyrite	H449659	4.86	0.01						
	666510	5552690	**H449660**	1.1	Mv as above with ~35-40% quartz-iron carbonate (Fe carb) veining; trace very fine grained pyrite	H449660	7.59	0.01						
			Channel #127: East end UTMs: 666510, 5552692; azimuth 90											
	666510	5552692	**H449661**	0.9	Mv as above with ~20% quartz-Fe carb veins/veinlets; trace very fine grained pyrite	H449661	3.99	0.01						
	666509	5552692	**H449662**	1.0	Mv with ~60% quartz-Fe carb veins; trace very fine grained pyrite (+ galena/shalerite?)	H449662	5.23	0.01						
	666508	5552692	**H449663**	1.0	65-70% quartz-Fe carb veins; trace very fine grained pyrite	H449663	5.84	0.01						
	666507	5552692	**H449664**	0.5	30-40% quartz-Fe carb veins in mv; trace very fine grained pyrite	H449664	2.05	0.01						
			Channel #128: East end UTMs: 666513, 5552699; azimuth 125											
	666513	5552699	**H449665**	0.9	Mv with 1-2% quartz veins with minor carbonate; common carb fractures and seams; trace very fine grained pyrite in seams/stringers	H449665	4.74	0.01						
	666512	5552699	**H449666**	0.5	As above with no quartz veins	H449666	2.76	0.01						
			Channel #129: East end UTMs: 666516, 5552701; azimuth 135											
	666516	5552701	**H449667**	1.0	Mv with <1% quartz veins with moderate FeOx; weak/minor quartz-carb fractures; trace very fine grained pyrite	H449667	3.86	0.01						
	666515	5552701	**H449668**	0.6	As above	H449668	2.01	0.01						
			Sample tags H449669 to H449700 were take by a bear											
			Channel #130: East end UTMs: 666521, 5552664; azimuth 155											
	666521	5552664	**H449701**	1.0	Mv; massive to weakly bedded; trace fine to medium grained pyrite	H449701	6.56	0.01						
	666520	5552664	**H449702**	1.3	As above	H449702	5.11	0.01						
			Channel #131: East end UTMs: 666524, 5552661; azimuth 130											
	666524	5552661	**H449703**	1.3	Mv with ~75% quartz veins with weak to moderate FeOx; 3-5% fine to medium grained pyrite in mafic volcanic; trace to 0.5% in quartz vein	H449703	3.84	2.84		H449703	2.57	2.27	2.39	
			Channel #132: East end UTMs: 666529, 5552662; azimuth 120											
	666529	5552662	**H449704**	1.0	Possibly sheared diorite? Or intermediate to mafic volcanic? Moderate to strong foliation/shearing, with ~10-15% chloritic wisps or stretched out clots; ~40% quartz veins with moderate FeOx and mafic inclusions with 5-7% fine to medium grained pyrite; 2-3% fine to medium grained pyrite overall	H449704	3.62	8.00		H449704	5.94	4.07	3.69	
	666528	5552662	**H449705**	0.6	Looks more like mafic volcanic with moderate banding/bedding and moderate FeOx and carb; 25% quartz veins with weak FeOx; local Fe carb; 1-2% fine to very fine grained pyrite mainly in mv	H449705	2.54	0.65		H449705	0.65	0.4	0.61	
			Channel #133: East end UTMs: 666525, 5552664; azimuth 105											

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west								Metallic Screen	30g check	30g check
								50g Au Assay			Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
	666525	5552664	H449706	1.0	Intermediate to mafic volcanic with local chloritic wisps/clots; ~30% quartz veins with weak FeOx and moderate Fe carb; 1-2% fine to medium grained stringer and disseminated pyrite overall, mainly in mv	H449706	3.39	3.56		H449706	3.92	2.85	3.28
	666524	5552664	H449707	0.6	Intermediate to mafic volcanic with moderate banding/bedding with moderate FeOx and carbonate veinlets parallel to bedding; ~10% quartz veins with moderate Fe carb; 2-3% fine to medium grained pyrite (disseminated and stringer pyrite)	H449707	2.15	17.80		H449707	11.85	10.5	10.15
			Channel #134: East end UTMs: 666528, 5552668; azimuth 115										
	666528	5552668	H449708	1.0	Mv moderately foliated/sheared with occasional chloritic wisps; occasional (2-3%) quartz-carb-Fe carb veins; trace fine to medium grained pyrite	H449708	3.77	0.22		H449708	0.08	0.04	0.06
	666527	5552668	H449709	1.0	As above with ~10-15% quartz veins (+ carb + FeOx); trace fine to medium grained pyrite	H449709	3.49	0.34		H449709	0.33	0.2	0.24
			Channel #135: East end UTMs: 666420, 5552831; azimuth 125										
135	666420	5552831	H449710	1.0	QFP; ~1% quartz veins with weak FeOx; weak to moderate FeOx and sericite in QFP; 0.5 to 1% very fine grained pyrite	H449710	5.96	0.02					
135	666419	5552831	H449711	1.0	No quartz veins; moderate sericite and local moderate FeOx in QFP; trace to 0.5% very fine grained pyrite	H449711	5.57	0.04					
135	666418	5552831	H449712	1.0	No quartz veins; weak to moderate sericite and local moderate FeOx in QFP; trace to 0.5% very fine grained pyrite	H449712	4.89	0.08		H449712	0.08	0.08	0.09
135	666417	5552831	H449713	1.0	No quartz veins; moderate to strong sericite; 0.5 to 1% very fine grained pyrite	H449713	5.46	0.07		H449713	0.1	0.1	0.09
135	666416	5552831	H449714	1.0	~1% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449714	4.84	0.09		H449714	0.1	0.1	0.11
			Channel #136: East end UTMs: 666419, 5552839; azimuth 120										
136	666419	5552839	H449715	1.3	~5% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449715	6.72	0.07		H449715	0.93	0.31	0.35
			Channel #137: East end UTMs: 666420, 5552843; azimuth 110										
137	666420	5552843	H449716	1.0	1-2% quartz veins with weak FeOx; weak sericite; 0.5 to 1% very fine grained pyrite	H449716	5.74	0.10		H449716	0.07	0.07	0.07
137	666419	5552843	H449717	1.0	As above	H449717	7.06	0.05					
137	666418	5552843	H449718	1.0	No quartz veins; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H449718	5.88	0.06					
137	666417	5552843	H449719	1.0	As above	H449719	4.91	0.03					
137	666416	5552843	H449720	1.0	2% quartz veins with weak feOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite	H449720	6.46	0.06					
137	666415	5552843	H449721	1.0	2-3% quartz veins with weak FeOx; moderate sericite; 0.5% very fine grained pyrite	H449721	5.32	0.09		H449721	0.05	0.04	0.05
137	666414	5552843	H449722	0.5	5-10% quartz veins with weak FeOx; weak to moderate sericite; 0.5% very fine grained pyrite	H449722	2.31	0.02		H449722	<0.05	0.03	0.02
137	666413	5552843	H449723	1.0	1-2% quartz veins with moderate FeOx; weak to moderate sericite and local moderate FeOx in QFP; trace to 0.5% very fine grained pyrite	H449723	5.1	0.20		H449723	0.1	0.09	0.13
137	666412	5552843	H449724	1.0	Sample is vertical, cut up a wall; ~10% quartz veins with local moderate FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite	H449724	6.22	0.16		H449724	0.2	0.19	0.21
137	666411	5552843	H449725	1.0	~5% quartz veins with weak FeOx; weak to moderate sericite; 0.5 to 1% very fine grained pyrite	H449725	5.26	0.04					
			Channel #138: East end UTMs: 666415, 5552848; azimuth 110										
138	666415	5552848	H449726	1.0	~1% quartz veins with weak FeOx; weak sericite; trace to 0.5% very fine grained to locally medium grained pyrite	H449726	4.46	0.04					
138	666414	5552848	H449727	1.0	~2% quartz veins with weak FeOx; weak to locally moderate FeOx; trace to 0.5% very fine grained to medium grained pyrite, occasionally in patches	H449727	4.97	0.12		H449727	0.1	0.08	0.09
138	666413	5552848	H449728	1.0	~1% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H449728	5.14	0.14		H449728	0.21	0.19	0.14
138	666412	5552848	H449729	1.0	No quartz veins; moderate sericite; trace very fine grained pyrite	H449729	4.62	0.08		H449729	0.12	0.11	0.12
138	666411	5552848	H449730	1.0	1% quartz veins with weak to moderate FeOx; weak sericite; trace very fine grained pyrite	H449730	5.92	0.04					
138	666410	5552848	H449731	1.0	~5% quartz veins with moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H449731	4.94	0.05					
138	666409	5552848	H449732	1.0	2-3% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H449732	6.01	0.02					
			Channel #139: East end UTMs: 666438, 5552867; azimuth 65										
139	666438	5552867	H449733	0.8	No quartz veins; locally moderate FeOx in QFP; weak sericite; trace very fine grained pyrite	H449733	3.57	0.07					
139	666437	5552867	H449734	1.0	4-5% quartz veins with moderate FeOx; moderate FeOx and sericite in QFP; trace to 0.5% very fine grained pyrite	H449734	3.95	0.04					
139	666436	5552867	H449735	1.0	1-2% quartz veins with weak FeOx; moderate sericite; 0.5 very fine grained to locally medium grained pyrite	H449735	5.91	0.11		H449735	0.12	0.1	0.12
139	666435	5552867	H449736	1.0	5% quartz veins with moderate to strong FeOx; weak to moderate FeOx and moderate sericite in QFP; 0.5 to 1% very fine grained to locally medium grained pyrite	H449736	5.33	0.13		H449736	0.1	0.12	0.07
139	666434	5552867	H449737	1.0	5% quartz veins with weak FeOx; moderate sericite; 0.5% very fine grained pyrite	H449737	3.64	0.02					
139	666433	5552867	H449738	1.0	10% quartz veins with moderate to strong FeOx; moderate sericite; 0.5% very fine grained pyrite	H449738	5.18	0.05					
139	666432	5552867	H449739	0.7	6-7% quartz veins with moderate to strong FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449739	3.42	0.03					
139	666431	5552867	H449740	1.0	No quartz veins; moderate sericite; trace to 0.5% very fine grained pyrite	H449740	4.94	0.07					
139	666430	5552867	H449741	1.0	~2% quartz veins with weak FeOx; weak sericite; trace very fine grained pyrite	H449741	4.49	0.06					

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west					50g Au Assay				Metallic Screen	30g check	30g check
												Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
139	666429	5552867	H449742	1.0	~2% quartz veins with moderate FeOx; moderate FeOx and sericite in QFP; trace to 0.5% very fine grained pyrite	H449742	4.49	0.14		H449742	0.14	0.15	0.11
139	666428	5552867	H449743	1.0	1% quartz veins with weak FeOx; local moderate FeOx and weak to moderate FeOx in QFP; trace to 0.5% very fine grained pyrite	H449743	4.7	0.11		H449743	0.11	0.1	0.12
139	666427	5552867	H449744	1.0	~5% quartz veins with moderate FeOx and occasional fine to medium grained pyrite; moderate sericite; 0.5% very fine grained to locally medium grained pyrite	H449744	4.67	0.27		H449744	0.15	0.12	0.14
139	666426	5552867	H449745	1.0	4-5% quartz veins with local moderate FeOx and occasional medium grained pyrite; moderate sericite; trace to 0.5% very fine grained pyrite	H449745	6.28	0.02					
139	666425	5552867	H449746	1.0	2-3% quartz veins with weak to moderate FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite	H449746	3.71	0.07					
139	666424	5552867	H449747	1.0	No quartz veins; local moderate FeOx and weak to moderate sericite in QFP; trace to 0.5% very fine grained pyrite	H449747	5.84	0.06					
139	666423	5552867	H449748	1.0	3-5% quartz veins with weak FeOx; moderate sericite; 0.5% very fine grained pyrite	H449748	5.04	0.15		H449748	0.05	0.04	0.04
139	666422	5552867	H449749	1.0	2-3% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449749	4.5	0.12		H449749	0.15	0.17	0.08
139	666421	5552867	H449750	1.0	<1% quartz veins with no FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H449750	4.42	0.03					
139	666420	5552867	H449751	1.0	10-15% quartz veins with no FeOx; strong sericite; trace very fine grained pyrite	H449751	3.91	0.01					
139	666419	5552867	H449752	1.0	5-10% quartz veins with local moderate FeOx; local moderate sericitetrace to 0.5% very fine grained pyrite	H449752	4.71	0.02					
			Channel #140: East end UTMs: 666456, 5552923; azimuth 90										
140	666456	5552923	H449753	0.5	~25% quartz veins with weak FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H449753	3.11	0.01					
140	666455	5552923	H449754	1.0	15-20% quartz veins with weak to locally moderate FeOx; weak sericite; trace very fine grained pyrite	H449754	7.2	0.01					
140	666454	5552923	H449755	1.0	*Sample is parallel to H449754 and 1 metre south; ~5% quartz veins with no FeOx; moderate* sericite; trace to 0.5% very fine grained pyrite	H449755	6.64	0.01					
140	666453	5552923	H449756	1.0	1% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449756	7.62	0.02					
140	666452	5552923	H449757	1.0	10% quartz veins with moderate FeOx and occasional medium grained pyrite; moderate sericite; trace very fine grained pyrite	H449757	6.53	0.03					
			Channel #141: East end UTMs: 666647, 5552928; azimuth 120										
141	666647	5552928	H449758	1.0	~15% quartz veins with weak to moderate FeOx; moderate FeOx and weak sericite in QFP; trace to 0.5% very fine grained pyrite	H449758	5.89	0.24		H449758	0.66	0.63	0.33
141	666646	5552928	H449759	1.0	20-25% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449759	5.14	2.77		H449759	2.72	1.32	1.37
141	666645	5552928	H449760	0.8	5-10% quartz veins with little/no FeOx; moderate sericite and local moderate FeOx in QFP; trace very fine grained pyrite	H449760	5.08	0.01		H449760	0.05	<0.01	<0.01
141	666644	5552928	H449761	1.0	*~5% quartz veins with moderate FeOx; moderate sericite and local moderate FeOx in QFP; trace* very fine grained pyrite	H449761	6.05	0.12		H449761	0.12	0.07	0.08
141	666643	5552928	H449762	1.0	20-25% quartz veins with weak to moderate FeOx; moderate sericite; trace very fine grained pyrite	H449762	6	0.01			0.01		
141	666642	5552928	H449763	1.0	~20% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H449763	6.53	0.02			0.02		
141	666641	5552928	H449764	1.0	30-35% quartz veins with moderate FeOx and occasional medium grained pyrite; moderate to locally strong sericite; trace very fine grained pyrite	H449764	6.1	0.05			0.05		
			Channel #142: East end UTMs: 666637, 5552914; azimuth 125										
142	666637	5552914	H449765	1.0	10-15% quartz veins weak to locally moderate FeOx and occasional medium grained pyrite; moderate to strong sericite and local moderate FeOx in QFP; trace very fine grained pyrite	H449765	5.06	0.01			0.01		
142	666636	5552914	H449766	1.0	50-55% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H449766	4.81	1.51		H449766	2.55	1.61	1.27
142	666635	5552914	H449767	1.0	~80% quartz veins - mostly barren (~60%) with local moderate FeOx; moderate to strong sericite; trace very fine grained to locally medium grained pyrite	H449767	3.64	0.09		H449767	0.24	0.16	0.13
142	666634	5552914	H449768	1.0	100% quartz veins with moderate FeOx and trace medium grained pyrite; no sericite	H449768	5.83	0.01		H449768	0.05	<0.01	0.01
142	666633	5552914	H449769	1.0	~50% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite; strong sericite; trace very fine grained pyrite	H449769	4.8	0.62		H449769	0.36	0.31	0.32
142	666632	5552914	H449770	1.0	As above	H449770	5.32	0.05		H449770	0.05	0.04	0.02
142	666631	5552914	H449771	1.0	60-65% quartz veins with moderate FeOx and occasional medium grained pyrite; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449771	5.36	0.18		H449771	6.2	3.3	3.35
142	666630	5552914	H449772	1.0	80% quartz veins - barren, white, with local moderate FeOx; strong sericite; trace very fine grained pyrite	H449772	4.08	1.84		H449772	0.15	0.18	0.07
142	666629	5552914	H449773	1.0	As above with moderate FeOx	H449773	3.47	21.60		H449773	24.1	10.15	10.65
			Channel #143: East end UTMs: 666626, 5552916; azimuth 120										
143	666626	5552916	H449774	1.0	*30-35% quartz veins with weak FeOx; moderate sericite; trace very fine grainedpyrite*	H449774	4.48	0.06			0.06		
143	666625	5552916	H449775	1.0	25-30% quartz veins - barren, white with local moderate FeOx; strong sericite; trace very fine grained pyrite and occaional medium grains	H449775	4.81	0.02			0.02		
143	666624	5552916	H449776	1.0	~40% quartz veins with weak to locally moderate FeOx and occasional medium to coarse grained pyrite; moderate sericite, trace very fine grained pyrite	H449776	7.06	1.06		H449776	5.45	2.78	3.14

			All channel UTM co-ordinates (NAD 83, Zone 15) are for the east end of the first sample, and the sample numbers ascend from east to west											
								50g Au Assay				Metallic Screen	30g check	30g check
												Au-SCR21	Au-AA25	Au-AA25D
Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE	Recvd Wt.	Au	Au Check	SAMPLE	Au Total	Au	Au
143	666623	5552916	H449777	1.0	75% quartz veins - barren, white with local weak feOx and occasional medium grained pyrite; moderate sericite; trace very fine grained pyrite	H449777	7.87	0.02			0.02		
143	666622	5552916	H449778	1.0	1-2% quartz veins with weak FeOx; moderate to strong sericite and local moderate FeOx in QFP; trace very fine grained pyrite - 20 cm strong sericite shear, no pyrite	H449778	7.8	0.01			0.01		
143	666621	5552916	H449779	1.0	~10% quartz veins with moderate to strong FeOx; moderate to strong sericite; trace very fine grained pyrite	H449779	5.44	0.03			0.03		

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
				Channel #1: East end UTMs: 666602, 5552809 azimuth 80					
H447001	1	666602.00	5552809.00	H447001	1.0	Quartz Feldspar Porphyry (QFP); 10-15% quartz veins/pods; ~5% sericte; 1-2% disseminated pyrite.	H447001	4.4	0.24
H447002	1	666601.00	5552809.00	H447002	1.0	QFP; ~5% quartz veins; minor sericite; trace pyrite.	H447002	3.42	3.65
H447003	1	666600.00	5552809.00	H447003	1.0	As above	H447003	5.09	0.59
				Channel #2: East end UTMs: 666598, 5552806 azimuth 100					
H447004	2	666598.00	5552806.00	H447004	1.0	Rock is difficult to see due to cuttings/mud, and samples were already removed. QFP with ~5% quartz veins; minor sericite; trace pyrite	H447004	3.6	0.39
H447005	2	666597.00	5552806.00	H447005	1.0	As above	H447005	3.49	0.03
H447006	2	666596.00	5552806.00	H447006	1.0	As above	H447006	5.89	0.01
				Channel #3: East end UTMs: 666605, 5552805 azimuth 95					
H447007	3	666605.00	5552805.00	H447007	1.0	Rock is difficult to see due to cuttings/mud, and samples were already removed. QFP with 60% quartz veins/pods; moderate iron oxide (FeOx) primarily as hematite in fractures in quartz veins; trace to 1% disseminated pyrite	H447007	2.92	3.97
H447008	3	666604.00	5552805.00	H447008	1.0	As above, with only ~15-20% quartz veining	H447008	6.55	1.58
H447009	3	666603.00	5552805.00	H447009	1.0	As above	H447009	4.88	0.11
				Channel #4: East end UTMs: 666601, 5552804; starts ~30 cm south of west end of H447009 azimuth 85					
H447010	4	666601.00	5552804.00	H447010	1.0	Rock is difficult to see due to cuttings/mud, and samples were already removed. QFP with ~15-20% quartz veins/pods; moderate iron oxide (FeOx) primarily as hematite in fractures in quartz veins; trace to 1% disseminated pyrite	H447010	6.01	1.74
H447011	4	666600.00	5552804.00	H447011	1.0	As above	H447011	6.66	0.10
H447012	4	666599.00	5552804.00	H447012	1.0	As above	H447012	5.95	0.04
H447013	4	666598.00	5552804.00	H447013	0.5	As above	H447013	2.28	0.05
				Channel #5: East end UTMs: 666595, 5552798 azimuth 125					
H447014	5	666595.00	5552798.00	H447014	1.0	QFP with 50-60% quartz veins; moderate FeOx fractures; trace pyrite	H447014	3.33	0.16
H447015	5	666594.00	5552798.00	H447015	1.0	As above	H447015	5.19	0.03
H447016	5	666593.00	5552798.00	H447016	0.5	As above	H447016	2.03	1.38
				Channel #6: East end UTMs: 666593, 5552791 azimuth 125					
H447017	6	666593.00	5552791.00	H447017	1.0	Rock is too muddy to see, and samples were already removed.	H447017	3.56	0.10
H447018	6	666592.00	5552791.00	H447018	1.0	As above	H447018	3.51	1.30
H447019	6	666591.00	5552791.00	H447019	1.0	As above	H447019	3.14	0.01
H447020	6	666590.00	5552791.00	H447020	0.5	As above	H447020	2.32	4.92
				Channel #7: East end UTMs: 666571, 5552803 azimuth 100					
H447021	7	666571.00	5552803.00	H447021	1.0	Rock is too muddy to see, and samples were already removed. Doesn't appear to be much quartz veining.	H447021	3.82	0.15
H447022	7	666570.00	5552803.00	H447022	1.0	As above	H447022	5.94	0.20
H447023	7	666569.00	5552803.00	H447023	1.4	As above	H447023	4.54	0.03
H447024	7	666568.00	5552803.00	H447024	1.2	As above	H447024	3.26	0.02
H447025	7	666567.00	5552803.00	H447025	1.0	As above	H447025	5.83	0.05
				Channel #8: East end UTMs: 666561, 5552816 azimuth 100					
H447026	8	666561.00	5552816.00	H447026	0.9	Quartz-poor granite; locally moderate sericite; rare quartz veins; trace pyrite	H447026	4.4	0.01
H447027	8	666561.00	5552816.00	H447027	1.0	As above	H447027	5.2	0.01
H447028	8	666560.00	5552816.00	H447028	1.0	As above	H447028	4.44	0.01
H447029	8	666559.00	5552816.00	H447029	1.0	As above	H447029	5.38	0.01
H447030	8	666558.00	5552816.00	H447030	1.0	As above	H447030	6.1	0.02
H447031	8	666557.00	5552816.00	H447031	1.0	As above	H447031	6.9	0.01
H447032	8	666556.00	5552816.00	H447032	1.0	As above	H447032	6.45	0.03
H447033	8	666555.00	5552816.00	H447033	1.0	As above	H447033	8.1	0.05
H447034	8	666554.00	5552816.00	H447034	1.0	As above, with moderate increase in sericite; occasional quartz vein up to ~1 cm; trace pyrite	H447034	7.13	0.06
				Channel #9: East end UTMs: 666611, 5552836 azimuth 125					
H447035	9	666611.00	5552836.00	H447035	1.5	~60-70% quartz veins with moderate FeOx in fractures; moderate sericite; trace pyrite	H447035	5.25	41.10

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447036	9	666610.00	5552836.00	H447036	1.0	~60-70% quartz veins with moderate FeOx in fractures; moderate sericite; trace pyrite	H447036	3.32	4.53
H447037	9	666609.00	5552836.00	H447037	1.0	Quartz veins decrease to ~15-20; sericite alteration also weaker; trace pyrite	H447037	4.22	0.04
H447038	9	666608.00	5552836.00	H447038	1.0	As above	H447038	4.22	0.03
H447039	9	666607.00	5552836.00	H447039	0.5	As above	H447039	1.56	0.16
H447040	9	666606.00	5552836.00	H447040	0.6	As above	H447040	2.07	0.28
H447041	9	666605.00	5552836.00	H447041	1.0	As above	H447041	3.48	0.01
H447042	9	666604.00	5552836.00	H447042	1.0	<5% quartz veining; weak sericite; trace pyrite	H447042	3.88	0.01
H447043	9	666603.00	5552836.00	H447043	0.5	As above	H447043	1.43	0.15
H447044	9	666602.00	5552836.00	H447044	0.7	5-10% quartz veins; weak sericite; trace pyrite	H447044	1.89	0.06
H447045	9	666601.00	5552836.00	H447045	1.0	5-10% quartz veins; weak sericite; trace pyrite	H447045	3.48	0.04
H447046	9	666601.00	5552836.00	H447046	1.0	No quartz veining; weak sericite; trace pyrite	H447046	2.67	0.02
				Channel #10: East end UTMs: 666605, 5552843 azimuth 155					
H447047	10	666605.00	5552843.00	H447047	1.2	~10% quartz veins; weak sericite; trace pyrite	H447047	4	0.03
				Channel #11: East end UTMs: 666601, 5552845 azimuth 165					
H447048	11	666601.00	5552845.00	H447048		*As above; occasional vugs with local iron-carbonate and FeOx; trace pyrite*	H447048	3.31	0.06
				Channel #12: East end UTMs: 666612, 5552843 azimuth 100					
H447051	12	666612.00	5552843.00	H447051	0.5	*~25% quartz veins with minor FeOx fractures; moderate sericite; trace pyrite and galena*	H447051	1.3	0.02
H447052	12	666611.00	5552843.00	H447052	1.0	~5-10% quartz veins with minor FeOx; minor sericite; trace pyrite.	H447052	3.95	11.60
H447053	12	666610.00	5552843.00	H447053	1.0	~10% quartz veins up to ~1 cm; weak to locally moderate sericite; trace pyrite	H447053	3.73	2.24
H447054	12	666609.00	5552843.00	H447054	1.0	~60% massive quartz with weak to moderate FeOx fractures; local moderate sericite; trace pyrite and sphalerite	H447054	4.1	54.30
H447055	12	666608.00	5552843.00	*H447055	1.0	*V.G. ~60-70% quartz veins with moderate FeOx fractures; local moderate sericite; ~1% pyrite, primarily in one blob ~5 cm; several flecks of V.G. ~2 cm from coarse pyrite, in quartz vein	H447055	4.4	6.04
H447056	12	666607.00	5552843.00	H447056	1.0	~60-70% quartz veins with moderate FeOx in fractures; local moderate sericite; trace pyrite in occasional coarse grains in quartz veins (up to ~1 cm)	H447056	3.64	39.70
H447057	12	666606.00	5552843.00	H447057	1.2	~25-30% quartz veins with FeOx; moderate sericiet; trace fine-grained pyrite	H447057	6.07	16.80
H447058	12	666605.00	5552843.00	H447058	0.8	~90% quartz veins with FeOx fractures; local moderate sericite; trace fine to medium grained pyrite	H447058	2.72	0.71
				Channel #13: East end UTMs: 666601, 5552854 azimuth 140					
H447049	13	666601.00	5552854.00	H447049	1.0	~5% quartz veins; weak sericite; trace pyrite	H447049	4.44	0.40
H447050	13	666600.00	5552854.00	H447050	1.0	~5% quartz veins; weak sericite; trace pyrite	H447050	3.38	39.80
				Channel #14: East end UTMs: 666601, 5552854; sample C141503 is at east end; 01 at west end azimuth 110					
C141503	14	666601.00	5552854.00	C141503	1.0	Mafic volcanic just east of contact with the felsic intrusive; pillowed to massive; minor carbonate; trace sulphides	C141503	2.76	0.01
C141502	14	666600.00	5552854.00	C141502	1.0	As above	C141502	6.19	0.01
C141501	14	666599.00	5552854.00	C141501	1.0	As above	C141501	4.67	0.01
				Channel #15: East end UTMs: 666634, 5552886 azimuth 125					
H447059	15	666634.00	5552886.00	*H447059	1.0	*V.G. ~40% quartz veins with FeOx fractures; local weak to moderate sericite; trace coarse pyrite	H447059	3.56	0.30
H447060	15	666633.00	5552886.00	H447060	1.1	40-50% quartz vein as above; local weak sericite; trace coarse pyrite (up to 2-3 cm) in quartz veins	H447060	6.16	5.86
				Channel #16: East end UTMs: 666635, 5552879 azimuth 110					
H447061	16	666635.00	5552879.00	H447061	1.0	~60-70% quartz veins with FeOx fractures; weak to moderate sericite; trace very fine grained pyrite	H447061	4.24	2.45
H447062	16	666634.00	5552879.00	H447062	1.0	As above, with only ~20% quartz veins	H447062	5.37	0.06
H447063	16	666633.00	5552879.00	H447063	0.7	~50-60% quartz veins with weak FeOx fractues; moderate sericite; trace fine to medium grained pyrite	H447063	2.96	2.02
H447064	16	666632.00	5552879.00	H447064	1.0	Sample starts ~1 m south of west end of H447063; ~20% quartz veins with FeOx fractures; local moderate sericite; trace fine grained pyrite	H447064	4.94	0.23
H447065	16	666631.00	5552879.00	H447065	0.9	~50-60% quartz veins with moderate FeOx fractues; moderate sericite; trace pyrite, galena and sphalerite (+ chalcopyrite)	H447065	3.49	1.26

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447066	16	666630.00	5552879.00	H447066	1.3	~80% quartz vein as above; local moderate sericite; trace very fine grained pyrite.	H447066	5.96	1.83
H447067	16	666629.00	5552879.00	H447067	1.0	East end of H447067 is ~2m south of the west end of H447066; ~50% quartz vein with moderate FeOx fractures; trace very fine grained pyrite.	H447067	3.45	0.02
H447068	16	666628.00	5552879.00	H447068	1.0	~60-70% quartz vein with moderate FeOx fractures; local moderate sericite; trace very fine grained pyrite (possibly fine V.G.).	H447068	3.62	1.44
H447069	16	666627.00	5552879.00	H447069	1.0	~75% quartz veins as above; local weak sericite; trace pyrite.	H447069	5.35	2.32
H447070	16	666626.00	5552879.00	H447070	1.0	As above, with ~0.5% pyrite up to 3 cm, and trace to 0.5% sphalerite (?)	H447070	4.97	0.23
H447071	16	666625.00	5552879.00	H447071	1.0	~30% quartz veins with moderate FeOx fractures; weak to moderate sericite; trace pyrite and sphalerite; sphalerite (?) is both amber and dark.	H447071	7.01	0.02
H447072	16	666624.00	5552879.00	H447072	1.0	As above with 0.5-1% fine to medium grained disseminated pyrite, locally coarse grained.	H447072	3.33	0.80
H447073	16	666623.00	5552879.00	H447073	1.0	East end of H447073 is ~3 m north of west end of H447072; 50-60% quartz vein with moderate FeOx fractures; weak sericite; trace fine grained pyrite.	H447073	3.47	0.12
H447074	16	666622.00	5552879.00	H447074	1.0	~25% quartz vein as above; weak sericite; trace fine grained pyrite.	H447074	4.15	0.86
H447075	16	666621.00	5552879.00	H447075	1.0	As above	H447075	4.95	1.09
				Channel #17: East end UTMs: 666618, 5552882 azimuth 115					
H447076	17	666618.00	5552882.00	H447076	1.0	~20% quartz veins with moderate FeOx; weak sericite; weak to moderate FeOx in QFP; trace fine to medium grained pyrite.	H447076	3.83	0.08
H447077	17	666617.00	5552882.00	H447077	1.0	~25% quartz veins with weak FeOx; weak sericite; moderate Fe)x in QFP; trace to 0.5% fine to medium grained pyrite	H447077	5.3	0.30
H447078	17	666616.00	5552882.00	H447078	1.0	~10-15% quartz veins; weak FeOx in veins and QFP; trace fine to medium grained pyrite, with occasional medium grained (~0.5 cm) cubes in the veins.	H447078	4.12	0.02
H447079	17	666615.00	5552882.00	H447079	1.0	~5% quartz veins; weak FeOx in veins and QFP; trace fine grained disseminated pyrite.	H447079	4.12	0.01
H447080	17	666614.00	5552882.00	H447080	1.0	As above	H447080	4.15	0.01
H447081	17	666613.00	5552882.00	H447081	1.0	As above	H447081	6.24	0.04
				Channel #18: East end UTMs: 666618, 5552896 azimuth 100					
H447082	18	666618.00	5552896.00	H447082	1.0	~5-10% quartz veins; minor FeOx; weak local sericite; trace pyrite (+chalcopyrite?)	H447082	4.18	0.10
H447083	18	666617.00	5552896.00	H447083	1.0	~20% barren quartz veins (no FeOx); weak sericite; trace pyrite + chalcopyrite.	H447083	4.57	0.02
H447084	18	666616.00	5552896.00	H447084	1.0	<5% quartz veins/pods with local moderate FeOx (possibly some iron-carbonate?); trace fine to medium grained pyrite in quartz vein; weak sericite.	H447084	5.09	0.01
H447085	18	666615.00	5552896.00	H447085	0.9	15-20% quartz vein with weak to medium FeOx; weak sericite; trace fine to medium grained pyrite.	H447085	3.62	0.02
H447086	18	666614.00	5552896.00	H447086	1.0	~5% quartz veins (no FeOx); weak sericite; trace pyrite + chalcopyrite	H447086	3.07	1.95
				Channel #19: East end UTMs: 666612, 5552893 azimuth 100					
H447087	19	666612.00	5552893.00	H447087	1.0	~2% quartz veins; weak FeOx in QFP; weak sericite; trace fine grained pyrite.	H447087	4.86	0.02
H447088	19	666613.00	5552893.00	H447088	1.0	~5% quartz veins with moderate FeOx in veins; trace fine to coarse grained pyrite in quartz vein and very fine grained in QFP.	H447088	6.84	0.01
				Channel #20: East end UTMs: 666638, 5552885 azimuth 125					
H447089	20	666638.00	5552885.00	H447089	1.0	~30% quartz veins with occasional FeOx fractures; weak to moderate sericite in QFP; trace fine grained pyrite in QFP, occasioanl coarse grains in quartz vein	H447089	4.82	0.07
H447090	20	666637.00	5552885.00	H447090	1.0	~40-50% quartz veins/pods with moderate FeOx fractures and occasional coarse pyrite up to several centimetres; weak to moderate sericite in QFP; trace to 0.5% very fine grained pyrite in QFP	H447090	4.74	2.33
H447091	20	666636.00	5552885.00	H447091	1.0	As above, with trace to 0.5% fine grained disseminated and stringer pyrite in veins and QFP (no coarse pyrite)	H447091	4.33	8.43
H447092	20	666635.00	5552885.00	H447092	1.0	~25-30% quartz veins/pods; weak to moderate sericite; moderate FeOx fractures; trace fine to medium grained dissemniated pyrite.	H447092	4.53	0.01
H447093	20	666634.00	5552885.00	H447093	1.0	~70% quartz veins with moderate FeOx fractures; weak sericite;0.5% fine to medium grained pyrite + shpalerite + galena	H447093	6.02	0.12
H447094	20	666633.00	5552885.00	H447094	1.0	~50% quartz veins with less FeOx fractures; weak sericite; trace to 0.5% very fine grained disseminated pyrite in QFP, and occasional coarse pyrite in veins.	H447094	7.49	0.07
H447095	20	666632.00	5552885.00	H447095	1.0	~50% quartz veins with moderate FeOx fractures; weak sericite; trace to 0.5% very fine grained pyrite in QFP with occasional coarse grains (up to 1 cm) in veins	H447095	5.87	0.35
H447096	20	666631.00	5552885.00	H447096	1.0	~30-35% quartz with moderate FeOx fractures; weak to moderate sericite; trace fine grained pyrite with occasional coarse grains (up to ~0.7 cm) in quartz veins	H447096	4.84	3.86
H447097	20	666630.00	5552885.00	H447097	0.5	~60% quartz veins with moderate FeOx fractures; moderate sericite; trace fine to medium grained pyrite + chalcopyrite (+ galena?)	H447097	2.01	3.07
H447098	20	666629.00	5552885.00	H447098	0.5	~40% quartz veins with weak to moderate FeOx fractures; trace to 0.5% very fine grained to fine grained pyrite (+ galena?)	H447098	1.52	0.18

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447099	20	666628.00	5552885.00	H447099	1.0	~45-50% quartz veins with moderate FeOx fractures; weak to moderate sericite; 0.5-1% pyrite (+ chalcopyrite) with very fine grained pyrite in QFP and medium to coarse pyrite in veins	H447099	4.51	0.49
H447100	20	666627.00	5552885.00	H447100	1.0	~30% quartz veins with moderate FeOx fractures; weak sericite; 0.5% very fine grained pyrite in QFP and medium grained pyrite in veins.	H447100	3.88	0.04
H447101	20	666626.00	5552885.00	H447101	1.0	~20-25% quartz veins with weak to moderate FeOx fractures; moderate sericiet; 0.5% very fine grained disseminated pyrite with medium to coarse grains in veins.	H447101	4	0.02
H447102	20	666625.00	5552885.00	H447102	1.0	As above	H447102	3.48	1.19
H447103	20	666624.00	5552885.00	H447103	1.0	As above, with minor chalcopyrite and galena in QFP, and increase in coarse pyrite along vein margins.	H447103	3.74	0.53
H447104	20	666623.00	5552885.00	H447104	1.0	~25-30% quartz veins with moderate FeOx fractures; moderate sericite; trace-0.5% very fine grained disseminated pyrite and occasional pod of sphalerite in quartz vein.	H447104	3.36	0.23
H447105	20	666622.00	5552885.00	H447105	1.0	~10-15% quartz vein with moderate FeOx fractures; weak sericite; trace very fine grained pyrite throughout, with occasional coarse grains in veins.	H447105	5.48	0.04
H447106	20	666621.00	5552885.00	H447106	1.0	As above	H447106	4.68	0.21
H447107	20	666620.00	5552885.00	H447107	1.0	95% quartz vein with weak FeOx fractures; remaining 5% is sericite; trace fine grained pyrite	H447107	4.18	0.18
H447108	20	666619.00	5552885.00	H447108	1.0	90% quartz vein with weak to moderate FeOx; weak to moderate sericite; trace fine grained pyrite	H447108	3.84	2.41
H447109	20	666618.00	5552885.00	H447109	1.0	10% quartz veins with moderate FeOx; weak to moderate FeOx in QFP; weak sericite; trace very fine grained pyrite in QFP and medium grained in quartz veins	H447109	4.33	0.90
H447110	20	666617.00	5552885.00	H447110	1.0	As above	H447110	2.7	0.02
H447111	20	666616.00	5552885.00	H447111	1.0	As above, with 5% quartz veins	H447111	5.05	0.01
H447112	20	666615.00	5552885.00	H447112	1.0	~10% quartz veins with moderate FeOx fractures; local moderate sericite; trace very fine grained pyrite with occasional medium grained py in veins	H447112	7.14	0.09
H447113	20	666614.00	5552885.00	H447113	1.0	10-15% quartz veins with weak to moderate FeOx throughout QFP; trace very fine grained pyrite	H447113	5.58	0.07
H447114	20	666613.00	5552885.00	H447114	1.0	~10-15% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite; moderate	H447114	4.55	0.01
H447115	20	666612.00	5552885.00	H447115	1.0	~5% quartz veins with moderate FeOx; no sericite - moderate FeOx through QFP; trace very fine grained pyrite	H447115	4.95	2.01
H447116	20	666611.00	5552885.00	H447116	0.5	~2% quartz veins; weak sericite; weak to moderate FeOx inQFP; trace very fine grained pyrite	H447116	4.29	0.01
H447117	20	666610.00	5552885.00	H447117	0.5	As above with ~5% quartz veins and occasional medium grained pyrite in quartz veins	H447117	3.07	0.01
H447118	20	666609.00	5552885.00	H447118	1.0	As above	H447118	5.15	0.04
H447119	20	666608.00	5552885.00	H447119	1.0	~30% quartz veins with moderate FeOx fractures and occasional medium to coarse grained pyrite; no sericite - moderate FeOx throughout QFP, with a mottled or spotted appearance due to FeOx staining around former pyrite(?); trace very fine grained pyrite	H447119	4.67	0.02
H447120	20	666607.00	5552885.00	H447120	1.0	As above, with ~15-20% quartz veins	H447120	5.35	1.48
H447121	20	666606.00	5552885.00	H447121	1.0	~5% quartz veins with moderate FeOx and medium to coarse pyrite grains; local moderate sericite; trace pyrite overall, primarily fine grained disseminated	H447121	5.08	0.29
H447122	20	666605.00	5552885.00	H447122	1.0	~30-35% quartz veins with weak to moderate FeOx fractures and occasional medium to coarse pyrite; weak sericite; weak FeOx in QFP	H447122	4.58	0.01
H447123	20	666604.00	5552885.00	H447123	1.0	As above with ~20% quartz veins	H447123	4.29	0.01
H447124	20	666603.00	5552885.00	H447124	1.0	As above	H447124	5.57	0.23
				Channel #21: East end UTMs: 666628, 5552929 azimuth 100					
H447125	21	666628.00	5552929.00	H447125	1.0	~15-20% quartz veins with moderate FeOx fractures; weak to moderate sericite; 0.5% very fine grained pyrite with occasional medium to coarse grained pyrite in quartz veins.	H447125	3.91	0.19
H447126	21	666627.00	5552929.00	H447126	1.0	~15-20% quartz veins with weak to moderate FeOx; moderate sericite; 1% pyrite primarily as mediumk to coarse grains in quartz veins but also very fine grained disseminated in QFP	H447126	5.23	0.13
H447127	21	666626.00	5552929.00	H447127	1.0	80% quartz veins with weak to moderate FeOx fractures; local moderate sericite; trace pyrite, primarily as medium to coarse grains in quartz veins	H447127	3	0.41
H447128	21	666625.00	5552929.00	H447128	0.8	100% quartz vein with weak to locally moderate FeOx fractures; trace fine grained pyrite	H447128	3.08	8.05
				Channel #22: East end UTMs: 666626, 5552944 azimuth 115					
H447129	22	666626.00	5552944.00	H447129	1.0	~15-20% quartz veins with local weak FeOx; local moderate sericite; trace to 0.5% very fine grained pyrite, with medium to coarse grains in veins	H447129	3.99	1.37
H447130	22	666625.00	5552944.00	H447130	1.0	~10-15% quartz veins with weak to moderate FeOx fractures; weak sericite; trace very fine grained pyrite in QFP and medium grained in veins	H447130	3.09	0.06
H447131	22	666624.00	5552944.00	H447131	1.0	~75% quartz veins with local weak FeOx - quartz vein is generally barren; local weak sericite; trace medium grained pyrite in vein.	H447131	4.33	2.15

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447132	22	666623.00	5552944.00	H447132	1.0	~40% quartz veins with weak to moderate FeOx fractures; local weak sericite; trace very fine grained to medium grained pyrite	H447132	2.67	22.50
H447133	22	666622.00	5552944.00	H447133	1.0	80% quartz veins with local weak to moderate FeOx fractures - vein is ~50% barren; moderate sericite; trace very fine to fine grained pyrite, galena and chalcopyrite	H447133	4.41	2.34
H447134	22	666621.00	5552944.00	H447134	1.0	<5% quartz vein - barren to weak FeOx; moderate sericite; trace to 0.5% very fine grained disseminated pyrite (+ chalcopyrite)	H447134	2.82	0.03
H447135	22	666620.00	5552944.00	H447135	1.0	10-15% quartz veins with weak FeOx fractures; moderate sericite; 0.5% very fine grained pyrite with medium grains in quartz vein	H447135	4.35	0.05
H447136	22	666619.00	5552944.00	H447136	1.0	As above	H447136	3.79	0.03
H447137	22	666618.00	5552944.00	H447137	1.0	as above, with minor galena + chalcopyrite	H447137	4.26	0.07
H447138	22	666617.00	5552944.00	H447138	1.0	~5% quartz vein with moderate FeOx fractures;weak sericite; 0.5% very fine grained pyrite	H447138	4.64	0.05
H447139	22	666616.00	5552944.00	H447139	1.0	~10-15% quartz veins with weak to moderate FeOx fractures; traceto 0.5% very fine grained pyrite with occasional medium grains in veins	H447139	3.95	0.12
H447140	22	666615.00	5552944.00	H447140	0.8	~2% quartz vein (1 vein 1-2 cm wide) with weak FeOx and sericite;	H447140	3.84	0.30
				Channel #23: East end UTMs: 666632, 5552947 azimuth 120					
H447141	23	666632.00	5552947.00	H447141	1.0	~5% quartz veins with moderate to strong FeOx fractures; local weak sericite; trace very fine grained pyrite with occasional medium to coarse grains in veins	H447141	2.72	0.03
H447142	23	666631.00	5552947.00	H447142	1.0	As above	H447142	2.88	0.02
H447143	23	666630.00	5552947.00	H447143	1.0	As above	H447143	2.73	0.01
H447144	23	666629.00	5552947.00	H447144	1.0	20% quartz vein with moderate FeOx fractures; weak sericte; trace very fine grained disseminated pyrite	H447144	3.77	0.02
H447145	23	666628.00	5552947.00	H447145	1.0	~1% quartz vein - no FeOx in vein, weak - moderate FeOx in QFP; weak sericite, trace fine grained disseminated pyrite	H447145	5.26	0.46
H447146	23	666627.00	5552947.00	H447146	0.8	~5% quartz vein with moderate FeOx fractures;weak sericite; trace very fine grained pyrite and coarse pyrite in vein	H447146	4.48	0.05
				Channel #24: East end UTMs: 666636, 5552955 azimuth 130					
H447147	24	666636.00	5552955.00	H447147	1.0	~10-15% quartz veins with moderate FeOx fractures; weak sericite; trace pyrite - mainly a medium to coarse grains in quartz veins	H447147	4.62	0.02
H447148	24	666635.00	5552955.00	H447148	1.0	*20-25% quartz veins with weak FeOx; weak sericite; trace pyrite - medium to coarse grained in the veins*	H447148	4.96	0.07
H447149	24	666634.00	5552955.00	H447149	1.0	~5% quartz veins with moderate FeOx; weak sericite; trace pyrite	H447149	4.75	0.03
H447150	24	666633.00	5552955.00	H447150	0.7	*2-3% quartz veins with weak FeOx; weak sericite; trace pyrite*	H447150	3.39	0.03
				Channel #25: East end UTMs: 666641, 5552971 azimuth 125					
H447151	25	666641.00	5552971.00	H447151	1.0	20-25% quartz veins with weak to moderate FeOx; weak sericite; trace pyrite - very fine grained in QFP and occasional medium to coarse grains in the veins	H447151	3.56	0.05
H447152	25	666640.00	5552971.00	H447152	1.0	~5-10% quartz veins - generally barren with local weak FeOx; weak sericite; trace to 0.5% very fine grained pyrite in QFP with local medium grains in veins	H447152	3.76	0.02
H447153	25	666639.00	5552971.00	H447153	1.0	~5% quartz veins with moderate to strong FeOx (possibly some iron-carbonate); weak sericite; trace very fine grained pyrite with medium grains in veins	H447153	3.37	0.01
H447154	25	666638.00	5552971.00	H447154	1.0	~15% quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% very fine grained disseminated pyrite with occasional medium grains in veins	H447154	3.6	0.04
H447155	25	666637.00	5552971.00	H447155	1.0	Sample is in two parts - the west half is stepped out ~0.7 m south of east half; ~5-10% quartz vein with weak to locally moderate FeOx fractures; weak to locally moderate sericite; trace very fine grained pyrite	H447155	3.63	0.03
H447156	25	666636.00	5552971.00	H447156	1.0	2-3% barren quartz veins; moderate sericite; 0.5% very fine grained pyrite (+ chalcopyrite?)	H447156	4.97	0.02
H447157	25	666635.00	5552971.00	H447157	1.0	15-20% quartz veins with local moderate FeOx; weak to locally moderate sericite; trace very fine grained pyrite	H447157	4.44	0.01
H447158	25	666634.00	5552971.00	H447158	1.0	~10% quartz veins with weak to moderate FeOx; local moderate sericite; trace to 0.5% fine grained disseminated pyrite and chalcopyrite	H447158	5.02	0.02
H447159	25	666633.00	5552971.00	H447159	1.0	2-3% quartz vein, local moderate sericite; no FeOx; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447159	5.78	0.01
H447160	25	666632.00	5552971.00	H447160	1.0	Note: sample H447160 steps south ~3m. ~10-15% quartz veins with weak FeOx; weak sericite;	H447160	5.18	0.04
H447161	25	666631.00	5552971.00	H447161	1.0	1% thin quartz veins, no FeOx; weak sericite; trace to 0.5% fine grained disseminated pyrite + chalcopyrite	H447161	6.13	0.01
H447162	25	666630.00	5552971.00	H447162	1.0	~10% quartz veins with weak FeOx; weak sericite; trace very fine grained pyrite (+ chalcopyrite?)	H447162	5.62	0.02
H447163	25	666629.00	5552971.00	H447163	1.0	Sample is in 2 parts - west half is south ~2m; ~5-10% quartz vein in 2 veins - one barren and one with strong FeOx and occasional medium grained pyrite; weak sericite; 0.5% very fine grained pyrite	H447163	5.64	0.03

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447164	25	666628.00	5552971.00	H447164	1.0	~40% quartz veins with weak to moderate FeOx; moderate sericite; trace fine to medium grained pyrite (+ galena?)	H447164	5.88	0.45
H447165	25	666627.00	5552971.00	H447165	1.0	~15% quartz veins with moderate to locallt strong FeOx; moderate sericite; trace very fine grained disseminated pyrite with occasional medium grains in veins	H447165	5.61	0.02
H447166	25	666626.00	5552971.00	H447166	1.0	~15-20% quartz veins with weak to moderate FeOx; local moderate sericite; trace fine grained pyrite	H447166	6.5	0.03
				Channel #26: East end UTMs: 666618, 5552967 azimuth 120					
H447167	26	666618.00	5552967.00	H447167	1.0	15-20% quartz veins, some barren, some with weak to moderate FeOx; weak sericite; trace to 0.5% very fine grained pyrite with occasional medium grains in veins	H447167	4.78	0.04
H447168	26	666617.00	5552967.00	H447168	1.0	As above, with moderate sericite, trace very fine grained pyrite	H447168	5.72	0.13
H447169	26	666616.00	5552967.00	H447169	1.0	25-30% quartz veins with weak to moderate FeOx; moderate sericite; trace fine grained pyrite	H447169	4.84	0.03
				Channel #27: East end UTMs: 666611, 5552962 azimuth 125					
H447170	27	666611.00	5552962.00	H447170	1.0	10-15% quartz veins with weak to moderate FeOx, weak sericite; trace pyrite	H447170	4.4	0.02
H447171	27	666610.00	5552962.00	H447171	1.0	<5% quartz veins with weak FeOx; weak sericite; trace fine to medium grained pyrite	H447171	2.46	0.01
H447172	27	666609.00	5552962.00	*H447172	1.0	V.G.; ~80% quartz vein with local weak to moderate FeOx; local moderate sericite; trace fine grained pyrite; 1 fleck V.G. ~2 mm - gold is in barren section of quartz vein with no FeOx or sulphides	H447172	3.79	6.53
H447173	27	666608.00	5552962.00	H447173	1.2	<5% quartz veins with weak FeOx; weak to locally moderate sericite; trace to 0.5% very fine grained to fine grained pyrite	H447173	5.83	0.01
				Channel #28: East end UTMs: 666607, 5552946 azimuth 100					
H447174	28	666607.00	5552946.00	H447174	1.0	45-50% quartz veins with local weak FeOx fractures; moderate sericite; trace fine grained pyrite + sphalerite (+ galena)	H447174	5.18	15.10
H447175	28	666606.00	5552946.00	H447175	0.9	<5% quartz veins with no FeOx; moderate to strong sericite; trace very fine grained pyrite.	H447175	4.45	0.01
H447176	28	666605.00	5552946.00	H447176	1.0	5-10% quartz veins with no FeOx; weak to moderate sericite; trace very fine grained pyrite	H447176	4.09	0.01
H447177	28	666604.00	5552946.00	H447177	1.0	~10-15% quartz veins with no FeOx; weak sericite; trace very fine grained pyrite	H447177	5.5	0.01
H447178	28	666603.00	5552946.00	H447178	0.7	20-25% barren quartz veins; weak to moderate sericite; trace very fine grained pyrite	H447178	4.38	0.01
				Channel #29: East end UTMs: 666639, 5552984 azimuth 110					
H447179	29	666639.00	5552984.00	H447179	1.0	~15-20% quartz veins with moderate to strong FeOx; weak to moderate sericite; moderate FeOx in QFP; trace pyrite, mainly as medium grained in quartz veins	H447179	5.28	0.02
H447180	29	666638.00	5552984.00	H447180	1.0	~25-30% quartz veins with moderate FeOx in both veins and QFP wallrock; weak to moderate sericite; trace fine to medium grained pyrite	H447180	5.79	0.01
H447181	29	666637.00	5552984.00	H447181	1.0	~10-15% quartz veins with moderate FeOx; weak to moderate sericite; trace fine to medium grained pyrite, primarily in quartz veins, with occasional coarse grains	H447181	5.1	0.09
H447182	29	666636.00	5552984.00	H447182	1.0	15-20% quartz veins with moderate to strong FeOx; weak to locally moderate sericite; trace fine grained pyrite with occasional medium grains in quartz veins	H447182	6.37	0.07
H447183	29	666635.00	5552984.00	H447183	1.0	~10% quartz veins with moderate FeOx fractures; weak sericite; trace fine grained to very fine grained pyrite	H447183	5.52	0.01
H447184	29	666634.00	5552984.00	H447184	1.3	~5% quartz veins with weak to locally moderate FeOx; trace fine to medium grained pyrite, primarily in quartz vein	H447184	6.81	0.17
				Channel #30: East end UTMs: 666633, 5552992 azimuth 90					
H447185	30	666633.00	5552992.00	H447185	1.0	~10-15% quartz veins with moderate FeOx; weak to moderate sericite; trace fine grained to very fine grained pyrite, primarily in QFP wallrock	H447185	5.02	0.01
H447186	30	666632.00	5552992.00	H447186	1.0	5-10% quartz veins with weak to moderate FeOx fractures; weak to moderate sericite; trace fine grained to very fine grained pyrite	H447186	6.74	0.01
H447187	30	666631.00	5552992.00	H447187	1.0	<5% quartz veins with moderate FeOx; weak sericite; weak to moderate FeOx in QFP; trace fine grained pyrite primarily in fractures in QFP with FeOx	H447187	5.3	0.17
H447188	30	666630.00	5552992.00	H447188	1.0	~10-15% quartz veins with no FeOx: weak to locally moderate sericite; trace very fine grained pyrite in QFP; none in veins	H447188	5.35	0.04
H447189	30	666629.00	5552992.00	H447189	1.1	5-10% quartz veins with weak FeOx; weak sericite and weak FeOx in QFP; trace very fine grained pyrite mainly on vein margins	H447189	6.51	0.01
				Channel #31: East end UTMs: 666630, 5552983 azimuth 90					
H447190	31	666630.00	5552983.00	H447190	1.0	~5-10% quartz veins under 1 cm; no FeOx; moderate sericite; trace very fine grained pyrite	H447190	5.07	0.02
H447191	31	666629.00	5552983.00	H447191	0.9	~10% quartz veins with weak FeOx; weak to locally moderate sericite; trace very fine grained pyrite	H447191	4.36	0.01
				Channel #32: East end UTMs: 666652, 5552999 azimuth 130					
H447192	32	666652.00	5552999.00	H447192	1.0	~10% quartz veins with moderate FeOx and occasional medium grained pyrite; weak to moderate sericite; trace very fine grained pyrite	H447192	6.21	0.02
H447193	32	666651.00	5552999.00	H447193	1.0	~5% quartz veins with moderate FeOx; weak to locally moderate sericite; occasional medium grained pyrite in quartz veins - very rare sulphides seen in wallrock	H447193	5.5	0.03

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447194	32	666650.00	5552999.00	H447194	1.0	~15-20% quartz veins with locally no FeOx to locally moderate FeOx; weak sericite; rare fine grained pyrite seen in quartz vein - none seen in wallrock	H447194	4.89	2.38
H447195	32	666649.00	5552999.00	H447195	1.0	<5% quartz veins with moderate FeOx and occasional medium grained to fine grained pyrite; rare very fine grained pyrite in QFP - trace overall	H447195	4.99	0.01
H447196	32	666648.00	5552999.00	H447196	1.0	~10% quartz veins with moderate FeOx and occasional fine to medium grained pyrite; weak to locally moderate sericite; rare pyrite in QFP	H447196	5.41	0.84
H447197	32	666647.00	5552999.00	H447197	1.0	1-2% quartz veins as above; weak to locally moderate sericite; rare pyrite in QFP	H447197	6.52	0.01
H447198	32	666646.00	5552999.00	H447198	1.0	~10% quartz veins with ~50% barren and 50% with moderate to strong FeOx, with occasional medium grained pyrite; weak to moderate sericite; trace to 0.5% very fine grained pyrite in QFP	H447198	4.93	0.45
H447199	32	666645.00	5552999.00	H447199	0.7	As above	H447199	2.79	0.01
				Channel #33: East end UTMs: 666657, 5553015 azimuth 110					
H447200	33	666657.00	5553015.00	H447200	1.0	5-10% quartz veins with moderate FeOx and occasional fine to medium grained pyrite; moderate FeOx throughout QFP; weak sericite; trace very fine grained pyrite	H447200	4	0.28
H447201	33	666656.00	5553015.00	H447201	1.0	<5% quartz veins with moderate FeOx and occasional medium grained to coarse grained pyrite; weak sericite; trace very fine grained pyrite in QFP	H447201	5.61	0.42
H447202	33	666655.00	5553015.00	H447202	1.0	~5% quartz veins with moderate FeOx (~3 cm of veining is white, barren); weak sericite; trace fine to very fine grained pyrite throughout (including veins)	H447202	4.09	0.01
H447203	33	666654.00	5553015.00	H447203	1.0	~10% quartz veins with ~50% white, barren quartz and ~50% with weak to moderate FeOx; weak sericite; occasional medium to coarse grained pyrite in quartz veins; trace very fine grained pyrite in QFP	H447203	4.87	0.03
				Channel #34: East end UTMs: 666652, 5553036 azimuth 110					
H447204	34	666652.00	5553036.00	H447204	1.0	~50% quartz veins with moderate FeOx and occasional fine to coarse grained pyrite - one pyrite pod is several cm wide; weak to moderate sericite; trace very fine grained pyrite in QFP	H447204	4.85	0.07
H447205	34	666651.00	5553036.00	H447205	1.2	20-25% quartz vein with moderate FeOx and occasional fine to coarse grained pyrite + *sphalerite(?) + chalcopyrite(?); weak to locally moderate sericite; trace very fine grained pyrite in* QFP	H447205	6.94	0.01
				Channel #35: East end UTMs: 666660, 5553047 azimuth 110					
H447206	35	666660.00	5553047.00	H447206	1.0	~10% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite (up to ~1 cm); weak to moderate sericite; trace very fine grained pyrite	H447206	4.29	0.11
H447207	35	666659.00	5553047.00	H447207	1.0	~25-30% quartz veins with moderate FeOx - no sulphides seen in, but occasional vugs where	H447207	4.64	0.28
H447208	35	666658.00	5553047.00	H447208	1.0	~10-15% quartz veins with weak to moderate FeOx and 2 coarse pyrite grains; weak to moderate sericite; trace very fine grained pyrite	H447208	3.91	0.04
H447209	35	666657.00	5553047.00	H447209	0.6	~2% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447209	2.77	0.19
				Channel #36: East end UTMs: 666589, 5552896 azimuth 115					
H447210	36	666589.00	5552896.00	H447210	1.0	20-25% quartz veins with weak to moderate FeOx; weak to locally moderate sericite; trace fine to very fine grained pyrite in both quartz veins and QFP	H447210	4.42	0.01
H447211	36	666588.00	5552896.00	H447211	1.0	25-30% quartz veins with weak to moderate FeOx; weak to locally moderate sericite; trace fine to very fine grained pyrite with occasional medium grains in quartz veins	H447211	4.18	0.01
H447212	36	666587.00	5552896.00	H447212	1.0	20-25% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite - medium to coarse grained along vein margins	H447212	5.93	0.02
H447213	36	666586.00	5552896.00	H447213	1.0	East end of sample steps North ~60 cm from West end of H447212; No quartz veins; moderate sericite; very rare fine grained pyrite	H447213	4.35	0.01
H447214	36	666585.00	5552896.00	H447214	1.3	~45-50% quartz veins with weak to no FeOx; moderate sericite; trace very fine grained pyrite with occasional blebs/pods of sphalerite and galena (possibly telluride? cleavage is not prominent)	H447214	5.52	1.03
				Channel #37: East end UTMs: 666585, 5552892 azimuth 100					
H447215	37	666585.00	5552892.00	H447215	1.3	No quartz veining; weak sericite; trace fine to medium grained pyrite along FeOx-rich fractures	H447215	6.55	0.01
H447216	37	666584.00	5552892.00	H447216	1.0	~20% quartz veins with weak FeOx; moderate sericite; trace very fine to fine grained pyrite	H447216	6.92	0.02
H447217	37	666583.00	5552892.00	H447217	1.0	~5% quartz veins with weak patchy FeOx in both veins and wallrock; weak to moderate sericite; trace to 0.5% fine to coarse grained pyrite	H447217	5.63	0.01
H447218	37	666582.00	5552892.00	H447218	1.0	~25% quartz veins - mostly barren, white, with local moderate FeOx; moderate sericite; trace fine to coarse grained pyrite	H447218	4.15	0.01
H447219	37	666581.00	5552892.00	H447219	1.0	~60-65% white, barren quartz veins with local FeOx; moderate to strong sericite in the remainder; trace fine to medium grained pyrite	H447219	4.92	0.01
				Channel #38: East end UTMs: 666586, 5552883 azimuth 115					

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447220	38	666586.00	5552883.00	H447220	0.5	1-2% quartz veins with moderate FeOx (also local moderate FeOx in QFP); moderate sericite; trace fine to medium grained pyrite in veins and fractures	H447220	2.68	0.01
H447221	38	666585.00	5552883.00	H447221	1.0	~7-10% quartz veins with moderate FeOx; weak to moderate sericite; trace fine to medium grained pyrite, primarily in veins	H447221	6.12	0.01
H447222	38	666584.00	5552883.00	H447222	1.0	East end of sample is ~1 m S of West end of H447221; ~5% quartz veins with moderate FeOx, also locally in QFP; weak to moderate sericite; trace very fine grained pyrite, with occasional fine grains in veins	H447222	7.91	0.01
H447223	38	666583.00	5552883.00	H447223	1.0	<5% quartz veins with moderate FeOx in veins and QFP beside veins; weak sericite; 0.5% very fine grained disseminated pyrite with medium to coarse grained pyrite in veins.	H447223	6.29	0.01
H447224	38	666582.00	5552883.00	H447224	1.0	10-15% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite (+ chalcopyrite?) with medium grains in quartz vein	H447224	5.35	0.01
H447225	38	666581.00	5552883.00	H447225	1.0	20-25% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite - none seen in quartz vein	H447225	5.43	0.04
				Channel #39: East end UTMs: 666573, 5552868 azimuth 145					
H447226	39	666573.00	5552868.00	H447226	1.0	~5-10% quartz veins - barren to weak FeOx; moderate to strong sericite; very rare sulphides - one pod of sphalerite and occasional pyrite grains	H447226	4.77	0.01
H447227	39	666572.00	5552868.00	H447227	1.0	~5% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447227	4.32	1.39
H447228	39	666571.00	5552868.00	H447228	1.0	~5-10% quartz veins, some barren, some with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite, occasional sphalerite blebs	H447228	3.23	0.01
H447229	39	666570.00	5552868.00	H447229	1.0	~5-10% quartz veins - mainly barren; moderate sericite; trace very fine grained to occasionally medium grained pyrite	H447229	4.55	0.01
				Channel #40: East end UTMs: 666570, 5552862 azimuth 115					
H447230	40	666570.00	5552862.00	H447230	1.3	5-10% quartz veins, barren with local patchy FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H447230	5.54	0.01
H447231	40	666569.00	5552862.00	H447231	1.0	As above, with trace to 0.5% very fine grained pyrite	H447231	4.42	0.43
H447232	40	666568.00	5552862.00	H447232	1.0	~5-10% quartz veins with weak to moderate FeOx both in veins and in QFP; weak to moderate sericite; trace very fine grained pyrite	H447232	4.16	0.01
H447233	40	666567.00	5552862.00	H447233	1.0	~40% barren quartz veins with local weak FeOx; weak to locally moderate sericite; trace very fine grained pyrite	H447233	4.5	0.01
				Channel #41: East end UTMs: 666660, 5552782 azimuth 115					
H447234	41	666660.00	5552782.00	H447234	1.0	~50% barren, white quartz veins and 10-15% quartz veins with moderate FeOx and iron-carbonate(?); remainder is intermediate to mafic volcanic (possibly silicified) with 2-3% stringer and disseminated pyrite	H447234	4.64	0.12
H447235	41	666659.00	5552782.00	H447235	1.0	~90% barren quartz vein with local moderate FeOx, ~10% iron-carbonate - also somewhat rusty; trace fine grained pyrite and 2-3% dark grey-black mineral - possibly specular hematite - often surrounded by FeOx and associated with iron-carbonate	H447235	4.64	0.02
H447236	41	666658.00	5552782.00	H447236	0.8	Quartz vein as above with same mineralization, with more pervasive FeOx fractures	H447236	2.7	45.70
				Channel #42: East end UTMs: 666655, 5552778 azimuth 100					
H447237	42	666655.00	5552778.00	H447237	1.0	~60% quartz veins with moderate FeOx and 40% quartz veins with ~10% iron-carbonate (lighter beige/tan colour); ~0.5% medium to coarse grained pyrite; iron-carbonate often rimmed by dark grey mineral (specular hematite?)	H447237	4.28	11.60
				Channel #43: East end UTMs: 666422, 5552819; Note: On this channel the sample numbers got reversed from West to East azimuth 110					
H447238	43	666422.00	5552819.00	H447238	1.0	<3% quartz veins with moderate FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H447238	5.97	0.05
H447239	43	666421.00	5552819.00	H447239	1.0	~5% quartz veins with weak to moderate FeOx; weak to locally moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite?)	H447239	5.61	0.02
H447240	43	666420.00	5552819.00	H447240	1.0	1-2% quartz veins with no FeOx; weak to locally moderate sericite; 0.5% very fine grained pyrite	H447240	4.01	0.03
H447241	43	666419.00	5552819.00	H447241	1.0	As above	H447241	7.27	0.04
H447242	43	666418.00	5552819.00	H447242	0.7	~40-45% quartz veins - mainly barren with local moderate FeOx; weak sericite; trace very fine grained pyrite	H447242	4.06	0.06
H447243	43	666417.00	5552819.00	H447243	1.0	15-20% quartz veins with moderate FeOx in ~50% of vein - other 50% is barren; barren quartz carries ~10% coarse pyrite, FeOx veins carry nothing; weak sericite; 0.5% very fine grained pyrite in QFP	H447243	5.18	0.02
H447244	43	666416.00	5552819.00	H447244	1.0	<5% quartz veins with no FeOx; weak to locally moderate sericite; trace to 0.5% very fine grained disseminated pyrite.	H447244	4.4	0.03
H447245	43	666415.00	5552819.00	H447245	1.0	As above	H447245	5.6	0.01
H447246	43	666414.00	5552819.00	H447246	1.0	5-10% quartz veins with weak FeOx (patchy); weak to moderate sericite; trace to 0.5% very fine grained disseminated pyrite with occasional fine to medium grains in quartz veins	H447246	5.96	0.03

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
				Channel #44: East end UTMs: 666485, 5552821 azimuth 105					
H447247	44	666485.00	5552821.00	H447247	1.0	~10% quartz veins, barren to weak FeOx; weak to moderate sericite; 0.5% very fine grained pyrite; occasional vug in veins	H447247	5.34	0.03
H447248	44	666484.00	5552821.00	H447248	1.0	<5% quartz veins, barren with patchy FeOx (around eroded pyrite); weak sericite; trace pyrite	H447248	5.05	0.02
H447249	44	666483.00	5552821.00	H447249	1.0	~5-10% quartz veins - barren with weak FeOx on margins; moderate to strong sericite; 0.5-1% very fine grained pyrite	H447249	5.82	0.03
H447250	44	666482.00	5552821.00	H447250	1.0	~5% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite in vein; also moderate FeOx inQFP around vein; trace to 0.5% very fine grained pyrite	H447250	4.68	0.05
H447251	44	666481.00	5552821.00	H447251	1.0	5-10% quartz veins - half barren, half with moderate to strong FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447251	4.59	0.02
H447252	44	666480.00	5552821.00	H447252	1.0	<5% quartz vein with weak to patchy moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447252	4.11	0.05
H447253	44	666479.00	5552821.00	H447253	1.0	1-2% quartz veins/fractures with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447253	4.09	0.03
H447254	44	666478.00	5552821.00	H447254	1.0	As above	H447254	5.62	0.07
				Channel #45: East end UTMs: 666485, 5552821 azimuth 130					
H447255	45	666485.00	5552821.00	H447255	1.0	No quartz veining; weak sericite; trace very fine grained pyrite	H447255	4.17	0.05
H447256	45	666484.00	5552821.00	H447256	1.0	5-10% quartz veins with weak FeOx; weak to locally moderate sericite; trace to 0.5% very fine	H447256	5.15	0.04
H447257	45	666483.00	5552821.00	H447257	1.0	~1% quartz vein with moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H447257	4.81	0.01
H447258	45	666482.00	5552821.00	H447258	1.0	~5% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447258	3.63	0.01
H447259	45	666481.00	5552821.00	H447259	1.0	No quartz veins; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H447259	4.03	0.08
H447260	45	666480.00	5552821.00	H447260	1.0	<5% quartz veins with weak FeOx; weak to moderate sericite; trace to 0.5% very fine grained to locally coarse graine pyrite (+ chalcopyrite)	H447260	5.16	0.01
H447261	45	666479.00	5552821.00	H447261	1.0	1-2% quartz veins with moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained to locally coarse grained (in veins) pyrite	H447261	3.79	0.05
				Channel #46: East end UTMs: 666440, 5552840 azimuth 110					
H447262	46	666440.00	5552840.00	H447262	1.0	No quartz veins; weak to moderate sericite; trace very fine grained pyrite	H447262	3.5	0.01
H447263	46	666439.00	5552840.00	H447263	1.0	~5% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447263	3.71	0.03
H447264	46	666438.00	5552840.00	H447264	1.0	As above, with moderate FeOx and trace to 0.5% very fine grained pyrite (+ sphalerite?)	H447264	4.21	0.02
H447265	46	666437.00	5552840.00	H447265	1.0	As above	H447265	3.62	0.02
H447266	46	666436.00	5552840.00	H447266	0.9	~10% quartz veins with patchy moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447266	2.48	0.01
H447267	46	666435.00	5552840.00	H447267	1.0	1 metre gap between 266 and 267 due to roots; ~1-2% quartz veins with no FeOx; weak sericite; trace very fine grained pyrite	H447267	3.97	0.03
H447268	46	666434.00	5552840.00	H447268	1.0	~5-10% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained to locally medium to coarse pyrite	H447268	5.04	0.05
H447269	46	666433.00	5552840.00	H447269	1.0	~10% quartz veins with moderate FeOx and occasional coarse grained pyrite (disseminated and stringer); weak sericite; trace pyrite overall	H447269	5.11	0.01
H447270	46	666432.00	5552840.00	H447270	1.3	2-3% quartz veins with local moderate FeOx; weak sericite; trace very fine grained pyrite	H447270	6.28	0.01
				Channel #47: East end UTMs: 666459, 5552839 azimuth 100					
H447271	47	666459.00	5552839.00	H447271	1.0	No quartz veins; weak sericite; trace to 0.5% very fine grained pyrite	H447271	5.31	0.02
H447272	47	666458.00	5552839.00	H447272	1.0	~5% quartz veins with moderate FeOx; weak to locally moderate sericite; trace very fine grained pyrite with occasional mediumto coarse grains in veins	H447272	5.22	0.01
H447273	47	666457.00	5552839.00	H447273	1.0	<5% quartz veins with moderate FeOx in wallrock adjacent to veins; weak to locally moderate sericite; trace very fine grained pyrite	H447273	6.65	0.04
H447274	47	666456.00	5552839.00	H447274	1.0	~10% quartz veins with moderate FeOx; local moderate sericite; trace very fine grained pyrite with occasional medium to coarse grains in veins	H447274	5.19	0.01
H447275	47	666455.00	5552839.00	H447275	1.0	~20% quartz veins with moderate to strong FeOx - also moderate FeOx through the QFP; weak to moderate sericite; trace very fine grained pyrite	H447275	5.45	0.01
H447276	47	666454.00	5552839.00	H447276	1.0	~5-10% quartz veins moderate to strong FeOx and occasional medium to coarse pyrite; moderate FeOx through QFP; weak to moderate sericite; trace very fine grained pyrite	H447276	5.1	0.02
H447277	47	666453.00	5552839.00	H447277	1.0	10-15% quartz veins with moderate FeOx; local moderate sericite; trace to 0.5% very fine grained pyrite	H447277	5.97	0.01
H447278	47	666452.00	5552839.00	H447278	1.0	As above	H447278	4.62	0.02
H447279	47	666451.00	5552839.00	H447279	1.0	5-10% quartz veins with moderate FeOx and also moderate FeOx in QFP; weak sericite; trace very fine grained pyrite	H447279	4.74	0.01

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447280	47	666450.00	5552839.00	H447280	1.0	1-2% quartz veins with moderate FeOx; weak to locally moderate sericite; trace to 0.5% very fine grained pyrite and occasionally medium grained in veins	H447280	5.09	0.06
H447281	47	666449.00	5552839.00	H447281	1.0	No quartz veins; weak to moderate sericite; trace to 0.5% fracture-controlled and disseminated pyrite	H447281	6.98	0.01
H447282	47	666448.00	5552839.00	H447282	0.8	~5-10% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite and occasional bleb of galena	H447282	4.57	0.02
				Channel #48: East end UTMs: 666449, 5552835 azimuth 105					
H447283	48	666449.00	5552835.00	H447283	1.0	~1% thin quartz veins with weak FeOx; weak to moderate sericite; trace to 0.5% very fine grained to locally coarse pyrite	H447283	4.4	0.02
H447284	48	666448.00	5552835.00	H447284	1.0	~2-3% quartz veins with moderate FeOx; weak sericite; trace to 0.55 very fine grained and occasional coarse pyrite	H447284	4.06	0.02
				Channel #49: East end UTMs: 666442, 5552822 azimuth 110					
H447285	49	666442.00	5552822.00	H447285	1.0	5-10% quartz veins, mostly barren with local moderate FeOx and coarse grained pyrite; weak to moderate sericite; 0.5 to 1% very fine grained pyrite + chalcopyrite	H447285	4.71	0.02
H447286	49	666441.00	5552822.00	H447286	1.0	~1% quartz veins with weak FeOx; weak to moderate sericite; 0.5 to 1% very fine grained pyrite + chalcopyrite	H447286	6.22	0.01
H447287	49	666440.00	5552822.00	H447287	1.0	Sample is in 2 parts - west half is stepped North ~1 metre; ~10% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447287	5.84	0.03
H447288	49	666439.00	5552822.00	H447288	1.1	2-3% quartz veins with weak FeOx; moderate sericite; 0.5 to 1% very fine grained pyrite	H447288	6.85	0.02
				Channel #50: East end UTMs: 666438, 5552822 azimuth 115					
H447289	50	666438.00	5552822.00	H447289	1.0	5-7% quartz veins with local moderate FeOx; moderate sericite; trace to 0.5% very fine to fine grained pyrite	H447289	4.91	0.07
H447290	50	666437.00	5552822.00	H447290	1.0	~5% quartz veins with weak to locally moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447290	6.3	0.01
				Channel #51: East end UTMs: 666430, 5552819 azimuth 115					
H447291	51	666430.00	5552819.00	H447291	1.1	~15-20% quartz veins - mostly barren, with local moderate FeOx; weak to moderate sericite; 0.5 to 1% very fine to locally medium grained pyrite and chalcopyrite	H447291	5.57	0.01
H447292	51	666429.00	5552819.00	H447292	1.0	<5% quartz veins with weak FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447292	7.26	0.01
H447293	51	666428.00	5552819.00	H447293	1.0	~35-40% quartz veins with moderate to strong FeOx; locally barren, white quartz; moderate sericite; trace to 0.5% very fine grained to locally coarse pyrite (+ chalcopyrite)	H447293	4.81	0.01
H447294	51	666427.00	5552819.00	H447294	1.0	No quartz veins; weak to locally moderate sericite; trace to 0.5% very fine grained pyrite + galena(?) + chalcopyrite	H447294	5.4	0.02
				Channel #52: East end UTMs: 666434, 5552806 azimuth 120					
H447295	52	666434.00	5552806.00	H447295	1.3	20-25% quartz veins with moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite?)	H447295	5.42	0.04
				Channel #53: East end UTMs: 666421, 5552799 azimuth 120					
H447296	53	666421.00	5552799.00	H447296	0.6	1% quarz vein with moderate FeOx; weak to locally moderate sericite; trace very fine grained pyrite	H447296	2.23	0.06
H447297	53	666420.00	5552799.00	H447297	1.0	~5% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447297	4.16	0.04
				Channel #54: East end UTMs: 666422, 5552802 azimuth 120					
H447298	54	666422.00	5552802.00	H447298	1.0	~7-10% quartz veins, barren with local weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447298	4.3	0.04
H447299	54	666421.00	5552802.00	H447299	1.0	As above	H447299	3.62	0.05
H447300	54	666420.00	5552802.00	H447300	1.0	As above	H447300	3.72	0.09
H447301	54	666419.00	5552802.00	H447301	1.0	~5% quartz veins, barren with local weak FeOx; moderate sericite; trace very fine grained pyrite	H447301	3.37	0.03
H447302	54	666418.00	5552802.00	H447302	1.0	20-25% quartz veins with moderate to locally weak FeOx and occasional coarse pyrite; also moderate FeOx in QFP; moderate sericite; 0.5-1% very fine grained pyrite (+ chalcopyrite?)	H447302	5.61	0.23
H447303	54	666417.00	5552802.00	H447303	1.0	~10-15% quartz veins with moderate FeOx; also moderate FeOx in QFP around veins; moderate sericite; trace very fine grained pyrite	H447303	5.04	0.02
H447304	54	666416.00	5552802.00	H447304	1.0	~20-25% quartz veins with local weak FeOx - otherwise barren; moderate to locally strong sericite; trace very fine grained pyrite	H447304	4.45	0.01
H447305	54	666415.00	5552802.00	H447305	1.0	10-15% quartz veins as above; weak sericite; trace to 0.5% very fine grained pyrite + chalcopyrite	H447305	4.96	0.04
H447306	54	666414.00	5552802.00	H447306	1.0	<5% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H447306	6.43	0.05
				Channel #55: East end UTMs: 666414, 5552797 azimuth 120					

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447307	55	666414.00	5552797.00	H447307	1.0	10-15% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite?)	H447307	4.3	0.08
H447308	55	666413.00	5552797.00	H447308	1.0	15-20% quartz veins with weak to moderate FeOx; moderate to locally strong sericite; trace to	H447308	4.69	0.07
H447309	55	666412.00	5552797.00	H447309	1.0	~5% quartz veins with moderate to strong FeOx; occasional strong FeOx fractures in QFP; weak to moderate sericite; trace very fine grained pyrite	H447309	3.99	0.24
H447310	55	666411.00	5552797.00	H447310	1.0	1-2% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447310	5.61	0.15
H447311	55	666410.00	5552797.00	H447311	0.6	5-10% quartz veins with moderate FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite + chalcopyrite	H447311	3.99	0.07
				Channel #56: East end UTMs: 666421, 5552798 azimuth 115					
H447312	56	666421.00	5552798.00	H447312	1.0	~10 quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447312	4.1	0.01
H447313	56	666420.00	5552798.00	H447313	0.5	~1 metre gap between H447312 and 313; ~60% quartz veins with weak to moderate FeOx; local moderate sericite; trace to 0.5% very fine to medium grained disseminated and stringer pyrite	H447313	2.18	0.11
				Channel #57: East end UTMs: 666415, 5552791 azimuth 110					
H447314	57	666415.00	5552791.00	H447314	1.0	2-3% quartz veins with weak FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite + chalcopyrite	H447314	4.75	0.08
				Channel #58: East end UTMs: 666414, 5552787 azimuth 100					
H447315	58	666414.00	5552787.00	H447315	1.0	25-30% quartz veins, barren with local FeOx and occasional coarse pyrite; moderate sericite; trace to 0.5% very fine grained pyrite	H447315	3.59	0.07
H447316	58	666413.00	5552787.00	H447316	0.9	15-20% quartz veins with moderate FeOx and FeOx in QFP; moderate sericite; trace very fine grained pyrite	H447316	2.67	0.02
H447317	58	666412.00	5552787.00	H447317	0.8	~5% quartz veins with weak to moderate FeOx; weak sericite; trace very fine grained pyrite	H447317	3.28	0.05
				Channel #59: East end UTMs: 666443, 5552792 azimuth 100					
H447318	59	666443.00	5552792.00	H447318	1.0	~5% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace very fine grained pyrite with occasional medium grains in quartz veins	H447318	4.51	0.01
H447319	59	666442.00	5552792.00	H447319	1.0	~10% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace very fine grained	H447319	3.39	0.03
H447320	59	666441.00	5552792.00	H447320	1.0	~30% quartz veins with weak to locally moderate FeOx - moderate FeOx veins exhibit ~5-7% medium to coarse grained pyrite; moderate sericite; trace very fine grained pyrite in QFP	H447320	4.38	0.27
H447321	59	666440.00	5552792.00	H447321	1.0	5% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite + chalcopyrite	H447321	3.29	0.10
H447322	59	666439.00	5552792.00	H447322	1.0	1-2% quartz veins with weak FeOx; weak to moderate sericite; 0.5-1% very fine grained pyrite + chalcopyrite	H447322	4.27	0.01
H447323	59	666438.00	5552792.00	H447323	0.8	~30% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447323	4.3	0.06
				Channel #60: East end UTMs: 666443, 5552794 azimuth 115					
H447324	60	666443.00	5552794.00	H447324	1.2	10-15% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite with medium grains in quartz vein	H447324	5.19	0.05
H447325	60	666442.00	5552794.00	H447325	1.0	15-20% quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite with occasional medium grains in veins	H447325	7.23	4.52
H447326	60	666441.00	5552794.00	H447326	1.1	As above	H447326	3.98	0.04
H447327	60	666440.00	5552794.00	H447327	0.9	1-2% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite	H447327	5.16	0.04
H447328	60	666439.00	5552794.00	H447328	1.0	~5% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447328	5.23	0.09
H447329	60	666438.00	5552794.00	H447329	1.0	5-10% quartz veins with moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H447329	4.97	0.04
H447330	60	666437.00	5552794.00	H447330	1.0	As above	H447330	5.57	0.03
				Channel #61: East end UTMs: 666447, 5552798 azimuth 115					
H447331	61	666447.00	5552798.00	H447331	1.2	90% quartz veins with variable FeOx from barren to strong; strong sericite in remaining 10% of sample; trace very fine grained pyrite and patch (~1 cm) of galena(?)	H447331	7.27	0.02
H447332	61	666446.00	5552798.00	H447332	1.0	~40% quartz veins - mostly barren with local moderate FeOx; moderate to strong sercite; trace to 0.5% very fine grained pyrite (+ galena)	H447332	5.1	0.03
H447333	61	666445.00	5552798.00	H447333	1.0	~45-50% quartz veins with moderate to strong FeOx; locally barren, white; moderate to strong sericite; trace to 0.5% very fine grained pyrite	H447333	4.83	0.34
H447334	61	666444.00	5552798.00	H447334	1.0	~55-60% quartz veins - barren to locally moderate FeOx; strong sericite; trace to 0.5% very fine grained pyrite	H447334	5.37	0.01
H447335	61	666443.00	5552798.00	H447335	1.0	5-10% quartz veins with weak to moderate FeOx and occasional medium grained pyrite; moderate FeOx in QFP; moderate sericite; trace very fine grained pyrite	H447335	3.6	0.17

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447336	61	666442.00	5552798.00	H447336	1.0	10-15% quartz veins with moderate to strong FeOx - locally barren; also moderate FeOx in QFP and fractures in QFP; moderate sericite; trace very fine grained pyrite	H447336	4.05	0.24
H447337	61	666441.00	5552798.00	H447337	1.0	~5-10% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447337	6.99	0.10
H447338	61	666440.00	5552798.00	H447338	1.0	As above	H447338	5.97	0.04
				Channel #62: East end UTMs: 666453, 5552803 azimuth 95					
H447339	62	666453.00	5552803.00	H447339	0.8	~15% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447339	2.94	0.05
H447340	62	666452.00	5552803.00	H447340	1.0	15-20% quartz veins with weak to moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H447340	5.8	0.03
H447341	62	666451.00	5552803.00	H447341	1.0	5% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite	H447341	3.63	0.02
H447342	62	666450.00	5552803.00	H447342	1.0	2% quartz veins - no FeOx; weak sericite (this sample looks more like an unaltered granite); trace very fine grained pyrite	H447342	5.81	0.01
H447343	62	666449.00	5552803.00	H447343	1.0	15-20% quartz veins with weak to moderate FeOx; weak to locally moderate sericite; East half of sample is as above; west half is altered/veined with trace to 0.5% very fine grained pyrite	H447343	6.9	0.02
H447344	62	666448.00	5552803.00	H447344	1.0	5-10% quartz veins with weak FeOx; weak to locally moderate sericite; trace to 0.5% very fine grained pyrite	H447344	6.3	0.02
H447345	62	666447.00	5552803.00	H447345	1.0	~5% quartz veins with weak FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H447345	6.46	0.04
H447346	62	666446.00	5552803.00	H447346	1.0	~10% quartz veins - barren to local weak FeOx; moderate to strong sericite; trace very fine grained pyrite	H447346	5.17	0.02
H447347	62	666445.00	5552803.00	H447347	1.0	~15-20% quartz veins with moderate FeOx; moderate to strong sericite; 0.5 to 1% fine to medium grained pyrite	H447347	4.37	0.03
H447348	62	666444.00	5552803.00	H447348	1.0	40-50% quartz veins with weak to locally moderate FeOx; strong sericite; trace to 0.5% very fine grained pyrite	H447348	5.9	0.02
H447349	62	666443.00	5552803.00	H447349	1.0	45-50% quartz veins with weak to locally moderate FeOx; strong sericite; trace very fine grained pyrite	H447349	4.82	0.03
H447350	62	666442.00	5552803.00	H447350	1.0	As above	H447350	4.87	0.03
H447351	62	666441.00	5552803.00	H447351	1.0	As above	H447351	5.06	0.94
H447352	62	666440.00	5552803.00	H447352	1.0	~70% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447352	5.22	0.35
H447353	62	666439.00	5552803.00	H447353	1.0	~5% quartz veins with moderate FeOx; entire QFP is oxidized/rusty, and vuggy; trace to 0.5% very fine grained pyrite	H447353	3.94	0.53
				Channel #63: East end UTMs: 666448, 5552807 azimuth 95					
H447354	63	666448.00	5552807.00	H447354	1.0	40% quartz veins - mostly barren, with local moderate FeOx; weak to locally moderate sericite; trace to 0.5% very fine grained pyrite	H447354	5.06	0.02
H447355	63	666447.00	5552807.00	H447355	1.0	As above	H447355	5.52	0.01
H447356	63	666446.00	5552807.00	H447356	1.0	~60% quartz veins - mostly barren with local moderate FeOx; moderate sericite; trace very fine grained pyrite	H447356	5.83	0.01
				Channel #64: East end UTMs: 666443, 5552809 azimuth 110					
H447357	64	666443.00	5552809.00	H447357	1.0	~1% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447357	4.54	0.02
H447358	64	666442.00	5552809.00	H447358	1.0	2-3% quartz veins with moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H447358	5.66	0.03
H447359	64	666441.00	5552809.00	H447359	1.0	5-10% quartz veins with weak to moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H447359	5.95	0.03
H447360	64	666440.00	5552809.00	H447360	1.0	grained pyrite	H447360	7.71	0.01
				Channel #65: East end UTMs: 666434, 5552807 azimuth 130					
H447361	65	666434.00	5552807.00	H447361	1.0	~10% quartz veins with moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447361	5.22	0.08
H447362	65	666433.00	5552807.00	H447362	1.0	~40% barren, white quartz veins with local weak FeOx; moderate sericite; trace very fine grained pyrite	H447362	4.61	0.31
H447363	65	666432.00	5552807.00	H447363	1.0	~10-15% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447363	5.04	0.03
H447364	65	666431.00	5552807.00	H447364	1.0	~10% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite	H447364	4.96	0.02
				Channel #66: East end UTMs: 666496, 5552798 azimuth 115					
H447365	66	666496.00	5552798.00	H447365	1.0	15-20% quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447365	6.97	0.15
H447366	66	666495.00	5552798.00	H447366	1.0	fine grained pyrite	H447366	5.01	0.04

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447367	66	666494.00	5552798.00	H447367	1.0	15-20% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447367	6.08	0.04
H447368	66	666493.00	5552798.00	H447368	1.0	~5% quartz veins with moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447368	5.88	0.05
H447369	66	666492.00	5552798.00	H447369	1.0	20-25% quartz veins - barren with local weak FeOx; moderate sericite; 0.5% very fine grained pyrite	H447369	4.69	0.18
H447370	66	666491.00	5552798.00	H447370	0.8	~80% quartz veins with weak to moderate FeOx; moderate sericite; trace very fine grained pyrite in QFP; no sulphides seen in veins	H447370	4.91	0.02
				Channel #67: East end UTMs: GPS not working; East end of 1st sample is ~2m north of H447366 azimuth 115					
H447371	67	666495.00	5552800.00	H447371	1.0	30-35% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447371	4.64	0.04
H447372	67	666494.00	5552800.00	H447372	1.0	25-30% quartz veins - mostly barren to local moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447372	4.93	0.26
H447373	67	666493.00	5552800.00	H447373	1.0	~70% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447373	5.37	0.01
H447374	67	666492.00	5552800.00	H447374	1.0	~35-40% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H447374	4.53	0.05
H447375	67	666491.00	5552800.00	H447375	1.0	25-30% quartz veins with weak to locally moderate FeOx; trace to 0.5% very fine grained pyrite	H447375	5.62	0.02
H447376	67	666490.00	5552800.00	H447376	1.0	70-80% quartz veins with moderate FeOx; moderate sericite; trace very fine grained to locally medium grained disseminated and stringer pyrite	H447376	5.87	0.08
				Channel #68: East end UTMs: GPS not working; East end of 1st sample is ~1m north of H447376 azimuth 110					
H447377	68	666490.00	5552801.00	H447377	1.0	~95% quartz veins with weak FeOx; moderate sericite in remaining 5%; occasional medium grained pyrite - trace overall	H447377	3.3	0.02
				Channel #69: East end UTMs: 666471, 5552784 azimuth 100					
H447378	69	666471.00	5552784.00	H447378	1.0	10-15% quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% fine to medium grained pyrite through QFP	H447378	6.21	0.02
H447379	69	666470.00	5552784.00	H447379	1.0	As above with occasional medium grained pyrite in veins	H447379	5.44	0.15
H447380	69	666469.00	5552784.00	H447380	1.0	20-25% quartz veins with weak FeOx; moderate sericite; 0.5% fine to medium grained pyrite	H447380	4.42	0.25
				Channel #70: East end UTMs: 666381, 5552790 azimuth 95					
H447381	70	666381.00	5552790.00	H447381	0.8	<5% quartz veins - barren; moderate sericite; trace to 0.5% very fine grained pyrite	H447381	4.02	0.07
H447382	70	666380.00	5552790.00	H447382	1.0	~75% quartz veins - mostly barren with local weak to moderate FeOx; weak sericite; trace very fine grained pyrite	H447382	5.11	0.01
H447383	70	666379.00	5552790.00	H447383	1.0	No quartz veins; weak sericite; trace very fine grained pyrite	H447383	4.81	0.06
H447384	70	666378.00	5552790.00	H447384	1.0	~50% quartz veins with weak to locally moderate FeOx; moderate sericite (locally strong); trace to 0.5% very fine grained pyrite	H447384	4.47	0.05
H447385	70	666377.00	5552790.00	H447385	1.0	25-30% quartz veins with weak FeOx; moderate to strong sericite; 0.5% very fine grained pyrite	H447385	5.06	0.02
H447386	70	666376.00	5552790.00	H447386	1.0	50-60% quartz veins with weak to moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H447386	5.67	0.07
H447387	70	666375.00	5552790.00	H447387	1.0	As above	H447387	3.46	0.03
				Channel #71: East end UTMs: GPS not working; East end of 1st sample is ~3m sourth of H447384 azimuth 125					
H447388	71	666378.00	5552787.00	H447388	0.7	100% quartz vein with weak FeOx; no sericite; trace very fine grained pyrite	H447388	2.95	0.01
				Channel #72: East end UTMs: 666512, 5552763					
H447389	72	666512.00	5552763.00	H447389	1.0	~5% quartz veins with weak to moderate FeOx; also moderate FeOx through QFP; moderate sericite; trace to 0.5% very fine grained pyrite	H447389	5.28	0.04
H447390	72	666511.00	5552763.00	H447390	1.0	1-2% quartz veins with moderate FeOx; moderate sericite and FeOx in QFP wallrock; trace very fine grained pyrite	H447390	4.58	0.01
H447391	72	666510.00	5552763.00	H447391	1.0	As above	H447391	5.44	0.02
H447392	72	666509.00	5552763.00	H447392	1.0	10-15% quartz veins - mostly white, barren, with one vein with moderate FeOx and occasional medium grained pyrite; moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447392	5.94	0.01
H447393	72	666508.00	5552763.00	H447393	1.0	1-2% quartz veins with moderate FeOx and occasional medium grained pyrite; moderate sericite; trace very fine grained pyrite	H447393	5.12	0.02
H447394	72	666507.00	5552763.00	H447394	1.0	15-20% quartz veins with weak FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447394	4.66	0.03
H447395	72	666506.00	5552763.00	H447395	1.0	25-30% quartz veins, barren with weak local FeOx; moderate sericite; trace very fine grained pyrite	H447395	4.8	0.01
				Channel #73: East end UTMs: 666508, 5552766					
H447396	73	666508.00	5552766.00	H447396	1.0	5-10% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H447396	4.79	0.02

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447397	73	666507.00	5552766.00	H447397	1.0	20-25% quartz veins - barren with local weak FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H447397	4.31	0.05
H447398	73	666506.00	5552766.00	H447398	1.0	As above	H447398	3.81	0.01
H447399	73	666505.00	5552766.00	H447399	1.0	No quartz veins; weak sericite; trace very fine grained pyrite	H447399	5.14	0.02
H447400	73	666504.00	5552766.00	H447400	1.0	2-3% quartz veins - weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447400	4.74	0.02
H447401	73	666503.00	5552766.00	H447401	1.0	5% quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447401	4.26	0.01
H447402	73	666502.00	5552766.00	H447402	1.0	5-10% quartz veins with moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite)	H447402	4.5	0.01
H447403	73	666501.00	5552766.00	H447403	1.0	5-10% quartz veins with weak FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite + chalcopyrite(?)	H447403	5.76	0.02
H447404	73	666499.00	5552766.00	H447404	1.0	~5% quartz veins with weak FeOx and occasional specular hematite(?) in veins; moderate sericite; trace very fine grained pyrite (+ chalcopyrite)	H447404	4.44	0.05
H447405	73	666498.00	5552766.00	H447405	1.0	No quartz veins; moderate to locally strong sericite; trace very fine grained pyrite	H447405	5.16	0.01
H447406	73	666497.00	5552766.00	H447406	1.0	~5% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447406	4.88	0.01
H447407	73	666496.00	5552766.00	H447407	0.9	2-3% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite (+ chalcopyrite?)	H447407	5.13	0.01
				Channel #74: East end UTMs: 666512, 5552767					
H447408	74	666512.00	5552767.00	H447408	0.9	10-15% quartz veins with weak to moderate FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H447408	4.17	0.01
H447409	74	666511.00	5552767.00	H447409	1.0	~10-15% quartz veins - mostly barren, with local weak FeOx; trace very fine grained pyrite	H447409	3.57	0.02
H447410	74	666510.00	5552767.00	H447410	1.0	30-35% quartz veins with weak FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447410	3.71	0.05
H447411	74	666509.00	5552767.00	H447411	1.0	1-2% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H447411	3.41	0.04
H447412	74	666508.00	5552767.00	H447412	1.0	10-15% quartz veins with weak to moderate FeOx; moderate sericite and weak FeOx in QFP; trace very fine grained pyrite	H447412	5.58	0.05
H447413	74	666507.00	5552767.00	H447413	1.0	35-40% quartz veins with moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447413	4.36	0.03
H447414	74	666506.00	5552767.00	H447414	1.0	50-60% quartz veins with moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447414	3.03	0.03
H447415	74	666505.00	5552767.00	H447415	1.0	100% quartz veins with moderate FeOx and occasional sericite seams; trace very fine grained pyrite	H447415	4.29	0.02
H447416	74	666504.00	5552767.00	H447416	1.0	~10% quartz veins with moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H447416	4.52	0.01
H447417	74	666503.00	5552767.00	H447417	1.0	~50% quartz veins with weak to moderate FeOx - locally barren; moderate to locally strong sericite	H447417	4.82	0.01
H447418	74	666502.00	5552767.00	H447418	1.0	15-20% quartz veins with moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447418	4.58	0.24
				Channel #75: East end UTMs: 666512, 5552770					
H447419	75	666512.00	5552770.00	H447419	0.9	No quartz veins; patchy moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H447419	4.97	0.03
H447420	75	666511.00	5552770.00	H447420	1.0	As above	H447420	6.41	0.10
H447421	75	666510.00	5552770.00	H447421	1.0	As above, with less FeOx patches; trace to 0.5% very fine grained pyrite (+ chalcopyrite?)	H447421	7.35	0.05
H447422	75	666509.00	5552770.00	H447422	1.0	No quartz veins; weak patchy FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H447422	4.31	0.01
H447423	75	666508.00	5552770.00	H447423	1.0	As above with moderate sericite	H447423	5.34	0.03
H447424	75	666507.00	5552770.00	H447424	1.0	1-2% quartz veins with weak FeOx; moderate sericite and FeOx in QFP; trace to 0.5% very fine grained pyrite + galena + chalcopyrite	H447424	4.62	0.06
H447425	75	666506.00	5552770.00	H447425	1.0	1-2% quartz veins with weak FeOx; weak to locally moderate sericite; 0.5% very fine grained pyrite + chalcopyrite	H447425	4.13	0.04
H447426	75	666505.00	5552770.00	H447426	1.0	~5% quartz veins - barren with local weak FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite	H447426	5.3	0.02
H447427	75	666504.00	5552770.00	H447427	1.0	25-30% quartz veins with weak to moderate FeOx; moderate sericite; trace very fine grained pyrite	H447427	4.01	0.01
H447428	75	666503.00	5552770.00	H447428	1.0	95% quartz veins with weak to moderate FeOx - locally barren; local moderate sericite; trace very fine grained pyrite	H447428	4.9	0.02
H447429	75	666502.00	5552770.00	H447429	1.0	As above, 85% quartz veins	H447429	5.27	0.03
				Channel #76: East end UTMs: 666518, 5552774					
H447430	76	666518.00	5552774.00	H447430	1.3	5-10% quartz veins with moderate FeOx; weak sercite; trace to 0.5% very fine grained pyrite	H447430	6.73	0.07

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447431	76	666517.00	5552774.00	H447431	1.0	1% quartz veins with weak FeOx; weak to moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447431	5.98	0.02
H447432	76	666516.00	5552774.00	H447432	1.0	2-3% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447432	5.33	0.01
H447433	76	666515.00	5552774.00	H447433	1.0	~10% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H447433	4.97	0.01
H447434	76	666514.00	5552774.00	H447434	1.0	1-2% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite; weak sericite; trace to 0.5% very fine grained pyrite	H447434	4.73	0.01
H447435	76	666513.00	5552774.00	H447435	1.0	1-2% barren quartz veins; weak to moderate FeOx and sericite in QFP; trace very fine grained pyrite	H447435	5.29	0.04
H447436	76	666512.00	5552774.00	H447436	1.0	~5% quartz veins with moderate FeOx; also moderate FeOx in QFP; weak to moderate sericite; trace very fine grained pyrite	H447436	5.92	0.14
H447437	76	666511.00	5552774.00	H447437	1.0	~50% quartz veins - barren to locally moderate FeOx; weak sericite; trace to 0.5% very fine grained to locally medium grained pyrite	H447437	5.04	0.02
H447438	76	666510.00	5552774.00	H447438	1.0	~30-35% quartz veins - barren with local weak FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H447438	4.92	0.01
H447439	76	666509.00	5552774.00	H447439	1.0	10-15% quartz veins with weak FeOx; moderate to strong sericite; trace very fine grained pyrite	H447439	5.94	0.02
H447440	76	666508.00	5552774.00	H447440	1.0	As above	H447440	3.78	0.02
H447441	76	666507.00	5552774.00	H447441	1.0	~10% quartz veins with weak to locally moderate FeOx and occasional medium grained pyrite; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H447441	5.61	0.05
H447442	76	666506.00	5552774.00	H447442	1.0	1-2% quartz veins with moderate FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H447442	4.45	0.01
				Channel #77: East end UTMs: 666516, 5552777					
H447443	77	666516.00	5552777.00	H447443	1.0	10-15% quartz veins - barren; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H447443	5.82	0.02
H447444	77	666515.00	5552777.00	H447444	1.0	10-15% quartz veins - some barren, some with moderate FeOx; weak to moderate sericite; local moderate FeOx in QFP; trace - 0.5% very fine grained pyrite	H447444	5.38	0.05
H447445	77	666514.00	5552777.00	H447445	1.0	~10% quartz veins with weak to moderate FeOx; weak to locally strong sericite; trace very fine grained pyrite	H447445	4.05	0.01
H447446	77	666513.00	5552777.00	H447446	1.0	10-15% quartz veins - barren with local weak to moderate FeOx and occasional medium grained pyrite; weak sericite; trace very fine grained pyrite	H447446	4.82	0.03
H447447	77	666512.00	5552777.00	H447447	1.0	15-20% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447447	5.34	0.03
H447448	77	666511.00	5552777.00	H447448	1.0	5% quartz veins with weak FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite and occasional medium grains in quartz veins	H447448	6.44	0.04
				Channel #78: East end UTMs: 666508, 5552778					
H447449	78	666508.00	5552778.00	H447449	0.5	5-10% barren quartz veins; moderate to strong sericite; trace very fine grained pyrite	H447449	2.15	0.01
H447450	78	666507.00	5552778.00	H447450	1.0	5-10% quartz veins with local moderate FeOx and occasional medium grained pyrite; moderate to strong sericite; moderate FeOx in QFP; trace to 0.5% very fine grained pyrite	H447450	5.72	0.01
H447451	78	666506.00	5552778.00	H447451	1.0	~75% quartz veins with moderate FeOx; moderate sericite; trace very fine grained to locally medium grained pyrite	H447451	4.56	0.03
H447452	78	666505.00	5552778.00	H447452	1.0	90% quartz vein with weak to moderate FeOx; moderate sericite in remainder; trace to 0.5% fine grained stringer and disseminated pyrite	H447452	3.32	0.05
H447453	78	666504.00	5552778.00	H447453	1.0	100% quartz vein as above	H447453	2.52	0.01
				Channel #79: East end UTMs: 666521, 5552780					
H447454	79	666521.00	5552780.00	H447454	0.6	~10% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447454	3.39	0.01
H447455	79	666520.00	5552780.00	H447455	1.0	~40% quartz veins, barren to weak FeOx; moderate to strong sericite; trace very fine grained pyrite	H447455	4.42	0.03
H447456	79	666519.00	5552780.00	H447456	1.0	30-40% quartz veins with weak to moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447456	5.42	0.01
H447457	79	666518.00	5552780.00	H447457	1.0	No quartz veins; weak to moderate FeOx; trace to 0.5% very fine grained pyrite.	H447457	6.2	0.02
				Channel #80: East end UTMs: 666510, 5552781					
H447458	80	666510.00	5552781.00	H447458	1.1	1-2% quartz veins with weak to moderate FeOx; weak to moderate FeOx and sericite in QFP; trace to 0.5% very fine grained pyrite	H447458	6.24	0.01
H447459	80	666509.00	5552781.00	H447459	1.0	50% quartz veins with weak to moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite - *mainly in quartz veins*	H447459	5.59	0.10
H447460	80	666508.00	5552781.00	H447460	1.0	35-40% quartz veins with weak to moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H447460	6.24	0.01
H447461	80	666507.00	5552781.00	H447461	1.0	2-3% quartz veins; barren to weak local FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447461	6.5	0.01
H447462	80	666506.00	5552781.00	H447462	1.0	No quartz veins; moderate sericite; trace very fine grained pyrite	H447462	5.86	0.01
				Channel #81: East end UTMs: 666526, 5552806; azimuth 120					

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447463	81	666526.00	5552806.00	H447463	0.8	~5% narrow quartz veins (~0.5 cm) with weak to moderate FeOx, also in QFP; local moderate sericite; trace very fine grained pyrite	H447463	4.36	0.09
H447464	81	666525.00	5552806.00	H447464	1.0	~10% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H447464	5.14	0.05
				Channel #82: East end UTMs: 666533, 5552803; azimuth 105					
H447465	82	666533.00	5552803.00	H447465	0.8	No quartz veins; weak sericite and FeOx; trace to 0.5% very fine grained pyrite	H447465	4.83	0.03
H447466	82	666532.00	5552803.00	H447466	1.0	~10% quartz veins with weak FeOx; weak sericite; trace very fine grained pyrite	H447466	5.12	0.10
H447467	82	666531.00	5552803.00	H447467	1.0	<5% quartz veins with weak FeOx; weak sericite; trace very fine grained pyrite	H447467	4.06	0.08
H447468	82	666530.00	5552803.00	H447468	1.0	As above	H447468	4.26	0.02
				Channel #83: East end UTMs: 666524, 5552801; azimuth 90					
H447469	83	666524.00	5552801.00	H447469	1.0	60-70% quartz veins with moderate FeOx; weak to moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447469	7.51	0.04
H447470	83	666523.00	5552801.00	H447470	1.0	15-20% quartz veins with weak to moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H447470	5.16	0.03
H447471	83	666522.00	5552801.00	H447471	1.0	~5% quartz veins with moderate FeOx in veins and QFP; weak to moderate sericite; trace very fine grained pyrite	H447471	3.87	0.08
				Channel #84: East end UTMs: 666524, 5552799; azimuth 90					
H447472	84	666524.00	5552799.00	H447472	1.0	~5% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447472	2.98	0.08
H447473	84	666523.00	5552799.00	H447473	1.0	5-10% quartz veins with weak to moderate FeOx, also in QFP; moderate sericite; trace very fine grained pyrite	H447473	3.2	0.08
H447474	84	666522.00	5552799.00	H447474	1.0	10-15% quartz veins with moderate FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite	H447474	4.97	0.05
H447475	84	666521.00	5552799.00	H447475	1.2	<5% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite	H447475	4.67	0.23
H447476	84	666520.00	5552799.00	H447476	1.0	No quartz veins; weak to moderate sericite; trace very fine grained pyrite	H447476	4.27	0.09
H447477	84	666519.00	5552799.00	H447477	1.0	50% quartz veins with weak FeOx; weak sericite and moderate FeOx in QFP; trace very fine grained pyrite	H447477	2.4	0.08
H447478	84	666518.00	5552799.00	H447478	1.0	2-3% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447478	3.18	0.10
				Channel #85: East end UTMs: 666531, 5552797; azimuth 100					
H447479	85	666531.00	5552797.00	H447479	1.0	~10% quartz veins with local moderate FeOx; moderate sericite and FeOx in QFP; trace to 0.5% very fine grained pyrite	H447479	2.99	0.10
H447480	85	666530.00	5552797.00	H447480	1.0	~5% quartz veins with weak FeOx and occasional medium grained pyrite; weak to moderate sericite; trace very fine grained pyrite	H447480	2.27	0.10
H447481	85	666529.00	5552797.00	H447481	1.0	1-2% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite	H447481	1.92	0.08
H447482	85	666528.00	5552797.00	H447482	1.0	5% quartz veins with weak FeOx; moderate sericite and weak FeOx in QFP; trace very fine grained pyrite	H447482	2.5	0.18
H447483	85	666527.00	5552797.00	H447483	1.0	1% quartz veins with weak FeOx; moderate FeOx and weak sericite in QFP; trace very fine grained pyrite	H447483	2.13	0.05
H447484	85	666526.00	5552797.00	H447484	1.0	<5% quartz veins with weak FeOx; weak to locally moderate to strong sericite; trace to 0.5% very fine grained pyrite	H447484	2.94	0.12
H447485	85	666525.00	5552797.00	H447485	0.5	5-10% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H447485	1.55	0.15
				Channel #86: East end UTMs: 666505, 5552751; azimuth 100					
H447486	86	666505.00	5552751.00	H447486	0.7	1-2% quartz veins with weak to moderate FeOx; moderate FeOx and sericite in QFP; 0.5% very fine grained pyrite	H447486	4.29	0.02
H447487	86	666504.00	5552751.00	H447487	1.0	~20% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine to fine grained to locally medium grained pyrite	H447487	6.22	0.02
H447488	86	666503.00	5552751.00	H447488	1.0	5-10% quartz veins with moderate FeOx; moderate to locally strong sericite; 0.5 to 1.0% very fine grained pyrite	H447488	5.8	0.01
H447489	86	666502.00	5552751.00	H447489	1.0	25-30% quartz veins with weak FeOx and moderate FeOx in QFP; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite - all in QFP	H447489	5.19	0.01
H447490	86	666501.00	5552751.00	H447490	1.0	90% quartz veins with weak to locally moderate FeOx and occasional patch of coarse grained pyrite; trace pyrite overall	H447490	4.82	0.01
H447491	86	666500.00	5552751.00	H447491	1.0	~40% quartz veins with weak FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H447491	5.34	0.03
				Channel #87: East end UTMs: 666502, 5552747; azimuth 95					
H447492	87	666502.00	5552747.00	H447492	1.0	1-2% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H447492	4.43	0.01
H447493	87	666501.00	5552747.00	H447493	1.0	20-25% quartz veins with weak to moderate FeOx; moderate sericite; trace very fine grained pyrite with occasional medium grains/patches in quartz veins	H447493	7.05	0.03
H447494	87	666500.00	5552747.00	H447494	1.0	5-10% quartz veins with weak FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H447494	5.77	0.02

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H447495	87	666499.00	5552747.00	H447495	0.6	As above	H447495	3.93	0.01
H447496	87	666498.00	5552747.00	H447496	1.0	20-25% quartz veins with weak to moderate FeOx and occasional medium to coarse grained pyrite; moderate sericite; 1% very fine grained pyrite	H447496	7.6	0.03
H447497	87	666497.00	5552747.00	H447497	1.0	~10% quartz veins with moderate FeOx and occasional fine to medium grained pyrite; moderate FeOx and sericite in QFP; trace to 0.5% very fine grained pyrite	H447497	7.88	0.02
H447498	87	666496.00	5552747.00	H447498	1.0	5% quartz veins with moderate FeOx, also in QFP; weak to moderate sericite; trace very fine grained pyrite	H447498	8.17	0.02
H447499	87	666495.00	5552747.00	H447499	1.0	5% quartz veins with moderate FeOx; weak sericite; 0.5% to 1.0% very fine grained pyrite	H447499	5.02	0.02
H447500	87	666494.00	5552747.00	H447500	1.0	5-10% quartz veins with moderate FeOx in veins and surrounding wallrock; weak to locally moderate sericite; 0.5% very fine grained pyrite	H447500	5.96	0.02
				Channel #88: East end UTMs: 666499, 5552743; azimuth 90					
H449501	88	666499.00	5552743.00	H449501	1.4	15-20% quartz veins with weak to moderate FeOx; moderate sericite and FeOx in QFP; 0.5% very fine grained pyrite with occasional fine to medium grains in quartz veins	H449501	8.39	0.02
H449502	88	666498.00	5552743.00	H449502	1.0	~50% quartz veins with weak to moderate FeOx; moderate sericite and FeOx in QFP; trace fine grained pyrite - mainly in quartz veins	H449502	7.86	0.17
H449503	88	666497.00	5552743.00	H449503	1.0	5% quartz veins with moderate FeOx, also in QFP; moderate sericite; trace medium pyrite in veins	H449503	9.6	0.03
				Channel #89: East end UTMs: 666509, 5552741; azimuth 90					
H449504	89	666509.00	5552741.00	H449504	1.0	100% quartz veins with moderate FeOx; 1% stringer and disseminated fine to medium grained pyrite	H449504	4.69	0.40
H449505	89	666508.00	5552741.00	H449505	0.9	100% quartz veins as above; trace fine grained pyrite	H449505	4.08	0.10
H449506	89	666507.00	5552741.00	H449506	1.3	Note: 1 metre gap between 505 and 506 due to roots; ~30% quartz veins with moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449506	7.5	0.04
H449507	89	666506.00	5552741.00	H449507	1.0	15-20% quartz veins with weak to moderate FeOx; moderate to locally strong sericite;0.5 to 1% very fine grained to locally medium grained stringer and disseminated pyrite in veins and wallrock	H449507	5.07	0.15
H449508	89	666505.00	5552741.00	H449508	1.0	~50% quartz veins, barren to moderate FeOx with blebs/patches/stringers of fine to medium grained pyrite; moderate to strong sericite; 0.5% pyrite overall - trace very fine grained in QFP	H449508	4.3	0.31
				Channel #90: East end UTMs: 666502, 5552737; azimuth 100					
H449509	90	666502.00	5552737.00	H449509	1.0	30-35% quartz veins with weak to locally moderate FeOx; moderate sericite; trace very fine grained pyrite	H449509	5.47	0.02
H449510	90	666501.00	5552737.00	H449510	1.0	10-15% quartz veins with moderate FeOx; moderate sercite; trace to 0.5% very fine grained pyrite	H449510	4.1	0.11
H449511	90	666500.00	5552737.00	H449511	1.0	70-75% quartz veins - barren with local weak to moderate FeOx; moderate sericite; trace very fine grained pyrite	H449511	5	0.15
H449512	90	666499.00	5552737.00	H449512	1.0	90% quartz veins with moderate to locally strong FeOx; minor sericite; trace very fine grained pyrite in sericite/QFP	H449512	4.53	0.12
H449513	90	666498.00	5552737.00	H449513	1.0	~10% quartz veins with moderate FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H449513	4.87	0.03
H449514	90	666497.00	5552737.00	H449514	1.0	~5% quartz veins with weak to moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H449514	3.84	0.14
H449515	90	666496.00	5552737.00	H449515	1.0	~10% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H449515	5.26	0.14
H449516	90	666495.00	5552737.00	H449516	1.0	As above, with trace to 0.5% very fine grained pyrite	H449516	4.48	0.12
H449517	90	666494.00	5552737.00	H449517	1.0	~5% quartz veins with weak FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H449517	4.57	0.06
				Channel #91: East end UTMs: 666497, 5552733; azimuth 105					
H449518	91	666497.00	5552733.00	H449518	1.4	60% quartz veins with weak to moderate FeOx; moderate to strong sericite; trace medium grained/blebs pyrite in quartz veins	H449518	5.13	0.11
				Channel #92: East end UTMs: 666500, 5552723; azimuth 100					
H449519	92	666500.00	5552723.00	H449519	1.3	90% quartz veins with moderate FeOx and strong sericite in veins and wallrock; 0.5% very fine and medium grained/blebs pyrite	H449519	5.52	0.05
H449520	92	666499.00	5552723.00	H449520	1.0	70% quartz veins as above	H449520	3.63	3.65
H449521	92	666498.00	5552723.00	H449521	1.0	90% quartz veins with weak FeOx to barren; strong sericite in remaining 10%; trace very fine grained pyrite	H449521	4.45	0.02
H449522	92	666497.00	5552723.00	H449522	1.0	75% quartz veins - mostly barren with local strong FeOx over 20 cm; strong sericite; trace very fine grained pyrite	H449522	3.33	0.33
H449523	92	666496.00	5552723.00	H449523	1.0	15-20% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H449523	3.36	0.06
				Channel #93: East end UTMs: 666499, 5552719; azimuth 95					

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H449524	93	666499.00	5552719.00	H449524	1.2	~40% quartz veins with moderate FeOx; strong sericite; 1% pyrite overall, very fine grained in sercite and fine to medium grained in quartz veins	H449524	6.27	0.63
H449525	93	666498.00	5552719.00	H449525	0.7	2-3% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449525	1.9	0.34
H449526	93	666497.00	5552719.00	H449526	1.0	10-15% quartz veins with moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449526	6.29	0.13
H449527	93	666496.00	5552719.00	H449527	1.0	30-35% quartz veins, barren to weak FeOx; moderate sericite; trace very fine grained pyrite	H449527	5.11	0.12
				Channel #94: East end UTMs: 666493, 5552712; azimuth 110					
H449528	94	666493.00	5552712.00	H449528	1.0	~5% quartz veins with weak to moderate FeOx, also in QFP; moderate sericite; trace to 0.5% very fine grained pyrite	H449528	3.77	1.77
H449529	94	666492.00	5552712.00	H449529	1.0	10% quartz veins with moderate FeOx; weak FeOx and moderate sericite in QFP; trace to 0.5% very fine grained pyrite	H449529	3.51	0.21
H449530	94	666491.00	5552712.00	H449530	1.0	~5% quartz veins with moderate FeOx; moderate FeOx and sericite in QFP; trace very fine grained pyrite	H449530	5.43	5.86
H449531	94	666490.00	5552712.00	H449531	1.0	80% quartz veins - mainly barren with local weak FeOx and occasional fine grained pyrite; moderate sericite; trace fine grained pyrite overall	H449531	3.01	106.00
H449532	94	666489.00	5552712.00	H449532	1.0	~5% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H449532	5.87	0.06
H449533	94	666488.00	5552712.00	H449533	0.7	*No quartz veins; moderate FeOx and sericite; trace very fine grained pyrite*	H449533	2.69	0.18
				Channel #95: East end UTMs: 666485, 5552707; azimuth 105					
H449534	95	666485.00	5552707.00	H449534	1.4	~10% barren quartz veins; moderate sericite; trace to 0.5% very fine grained pyrite	H449534	7.83	0.07
H449535	95	666484.00	5552707.00	H449535	1.0	~25% quartz veins with weak to locally moderate FeOx; moderate sericite; trace very fine grained pyrite	H449535	7.39	0.35
				Channel #96: East end UTMs: 666496, 5552709; azimuth 135					
H449536	96	666496.00	5552709.00	H449536	0.8	Mafic volcanic; dark grey-green; very fine grained to aphanitic; moderate carb stringers/fractures; appears to be stretched out pillows; sheared at ~35% azimuth with dip of 70-80 degrees east; <5% quartz pods with moderate FeOx; trace very fine grained pyrite	H449536	5.19	0.01
H449537	96	666495.00	5552709.00	H449537	1.0	Mafic volcanic (mv) as above, with 1-2% quartz pods - barren to weak FeOx; trace very fine grained pyrite	H449537	8.18	0.01
H449538	96	666494.00	5552709.00	H449538	1.0	Mv as above; no quartz; trace very fine grained pyrite	H449538	6.83	0.01
H449539	96	666493.00	5552709.00	H449539	1.0	Mv as above; 1% quartz; trace very fine grained pyrite	H449539	7.02	0.01
				Channel #97: East end UTMs: 666493, 5552706; azimuth 135					
H449540	97	666493.00	5552706.00	H449540	1.0	Mv with ~2% quartz with moderate FeOx; trace very fine grained pyrite	H449540	6.08	0.01
H449541	97	666492.00	5552706.00	H449541	1.0	1% quartz veins/pods with moderate FeOx; trace pyrite	H449541	5.61	0.01
H449542	97	666491.00	5552706.00	H449542	1.0	Mv with 1-2% quartz pods with moderate FeOx; trace very fine grained pyrite	H449542	4.27	0.01
				Channel #98: East end UTMs: 666487, 5552697; azimuth 135					
H449543	98	666487.00	5552697.00	H449543	1.0	Mv with <1% thin (1-2mm) quartz stringers/fractures; trace very fine grained pyrite	H449543	5.89	0.01
H449544	98	666486.00	5552697.00	H449544	1.0	As above with ~1% quartz	H449544	5.77	0.01
H449545	98	666485.00	5552697.00	H449545	1.0	As above	H449545	4.6	0.01
H449546	98	666484.00	5552697.00	H449546	1.0	As above	H449546	6.56	0.01
H449547	98	666483.00	5552697.00	H449547	1.0	As above	H449547	4.01	0.01
				Channel #99: East end UTMs: 666484, 5552698; azimuth 135					
H449548	99	666484.00	5552698.00	H449548	1.0	Mv with ~2% quartz veins and trace pyrite	H449548	4.59	0.01
H449549	99	666483.00	5552698.00	H449549	1.0	Mv with no quartz veins; ~20% feldspar porphyry sill/dyke; trace very fine grained pyrite	H449549	3.84	0.01
				Channel #100: East end UTMs: 666479, 5552690; azimuth 135					
H449550	100	666479.00	5552690.00	H449550	1.0	Mv as above with <1% quartz veins with moderate FeOx; trace very fine grained pyrite	H449550	4.52	0.01
H449551	100	666478.00	5552690.00	H449551	1.0	As above	H449551	5.59	0.01
H449552	100	666477.00	5552690.00	H449552	1.0	As above	H449552	5.46	0.01
H449553	100	666476.00	5552690.00	H449553	1.0	As above	H449553	4.35	0.01
H449554	100	666475.00	5552690.00	H449554	1.0	As above, with no FeOx	H449554	4.28	0.01
H449555	100	666474.00	5552690.00	H449555	1.4	Mv as above with ~1% quartz veins and moderate FeOx	H449555	6.08	0.01
H449556	100	666473.00	5552690.00	H449556	0.9	Mv with no quartz veins; no sulphides	H449556	5.37	0.01
H449557	100	666472.00	5552690.00	H449557	1.0	As above	H449557	5.55	0.01
H449558	100	666471.00	5552690.00	H449558	1.0	Mv with 2% quartz veins and moderate FeOx; trace very fine grained pyrite	H449558	5.79	0.01
				Channel #101: East end UTMs: 666476, 5552692; azimuth 150					
H449559	101	666476.00	5552692.00	H449559	1.0	Mv as above with <1% quartz veins with moderate FeOx; trace very fine grained pyrite	H449559	5.16	0.01
H449560	101	666475.00	5552692.00	H449560	1.0	As above	H449560	6.15	0.01

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
				Channel #102: East end UTMs: 666470, 5552694; azimuth 150					
H449561	102	666470.00	5552694.00	H449561	1.0	As above	H449561	5.42	0.01
H449562	102	666469.00	5552694.00	H449562	1.0	As above with ~1% quartz veins and weak to moderate FeOx	H449562	7.64	0.01
H449563	102	666468.00	5552694.00	H449563	1.0	Mv with ~5% feldspar porphyry sill/dyke; trace very fine grained pyrite	H449563	5.95	0.01
H449564	102	666467.00	5552694.00	H449564	1.0	*Mv with ~15% feldspar porphyry and occasional vuggy carbonate vein; trace to 0.5% very fine* grained disseminated and stringer pyrite	H449564	6.08	0.01
				Channel #103: East end UTMs: 666445, 5552704; azimuth 95					
H449565	103	666445.00	5552704.00	H449565	1.0	This outcrop is back into the QFP. 25% quartz veins - barren; moderate to strong sericite and moderate FeOx in QFP; trace to 0.5% very fine grained pyrite	H449565	4.23	0.06
H449566	103	666444.00	5552704.00	H449566	0.6	15-20% barren quartz veins with trace pyrite; strong sericite; trace very fine grained pyrite	H449566	3.25	0.01
				Channel #104: East end UTMs: 666444, 5552710; azimuth 110					
H449567	104	666444.00	5552710.00	H449567	1.0	5-10% quartz veins with weak FeOx; moderate sericite; trace very fine grained pyrite	H449567	5.55	0.08
H449568	104	666443.00	5552710.00	H449568	1.0	~20% quartz veins with moderate to strong FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449568	3.68	0.08
H449569	104	666442.00	5552710.00	H449569	0.9	20% quartz veins with weak FeOx and 1 patch of coarse galena (~1 cm); moderate sericite; trace to 0.5% very fine grained pyrite	H449569	3.31	0.04
H449570	104	666441.00	5552710.00	H449570	1.0	~10% quartz veins with weak to moderate FeOx; weak to moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449570	5.15	0.02
H449571	104	666440.00	5552710.00	H449571	1.0	1-2% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H449571	3.43	0.01
				Channel #105: East end UTMs: 666444, 5552713; azimuth 105					
H449572	105	666444.00	5552713.00	H449572	1.0	~10% quartz veins with moderate FeOx; moderate to strong sericite; trace to 0.5% very fine grained pyrite	H449572	5.55	0.12
H449573	105	666443.00	5552713.00	H449573	1.0	25-30% quartz veins with weak to moderate FeOx; moderate sericite; 0.5% very fine grained pyrite	H449573	6.35	0.05
H449574	105	666442.00	5552713.00	H449574	1.0	*~10% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite* (up to ~0.5 cm); moderate sericite; 0.5 to1% very fine grained pyrite	H449574	6.62	0.03
H449575	105	666441.00	5552713.00	H449575	1.0	~20% quartz veins with moderate to strong FeOx; moderate sericite; 0.5 to 1% very fine grained pyrite	H449575	4.21	0.10
H449576	105	666440.00	5552713.00	H449576	1.0	55-60% quartz veins with quartz veins with local moderate FeOx; moderate sericite; 0.5% very fine grained pyrite in QFP and trace galena in quartz veins	H449576	5.7	0.02
H449577	105	666439.00	5552713.00	H449577	1.0	~10% quartz veins with weak FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite	H449577	6.62	0.03
H449578	105	666438.00	5552713.00	H449578	0.5	No quartz veins; moderate sericite; trace to 0.5% very fine grained pyrite	H449578	3.01	0.05
				Channel #106: East end UTMs: 666442, 5552716; azimuth 105					
H449579	106	666442.00	5552716.00	H449579	1.3	10-15% *quartz veins with weak to locally strong FeOx and occasional medium grained pyrite;* moderate to strong sericite and moderate FeOx in QFP; 0.5 to 1% very fine grained pyrite	H449579	8.41	0.02
H449580	106	666441.00	5552716.00	H449580	1.0	~25% quartz veins with weak FeOx; moderate to strong sericite; 0.5 to 1% very fine grained pyrite	H449580	4.99	0.01
H449581	106	666440.00	5552716.00	H449581	1.0	~5% quartz veins with weak FeOx; moderate sericite;0.5 to 1% very fine grained pyrite	H449581	5.11	0.03
H449582	106	666439.00	5552716.00	H449582	1.0	<5% quartz veins with weak to moderate FeOx; moderate sericite; 0.5 to 1% very fine grained pyrite	H449582	6.1	0.03
H449583	106	666438.00	5552716.00	H449583	1.0	2-3% quartz *veins with weak FeOx; moderate sericite; 0.5 to 1% very fine grained pyrite*	H449583	5.47	0.02
				Channel #107: East end UTMs: 666419, 5552683; azimuth 105					
H449584	107	666419.00	5552683.00	H449584	1.0	5-10% quartz veins with moderate FeOx; moderate to strong chlorite alteration mainly as dark green laths up to 3-4 cm long and clots; weak to moderate sericite; trace very fine grained pyrite	H449584	4.92	0.01
H449585	107	666418.00	5552683.00	H449585	1.0	No quartz veins; chlorite alteration as above; moderate FeOx and sercite; trace very fine grained pyrite	H449585	6.11	0.01
H449586	107	666417.00	5552683.00	H449586	1.0	No quartz veins; chlorite alteration decreases, with laths/clots dropping off; weak to moderate sericite; possibly silicified; 0.5 to 1% fine to very fine grained pyrite	H449586	5.35	0.02
H449587	107	666416.00	5552683.00	H449587	0.8	~5% quartz pods; chlorite laths/clots absent; weak to moderate sericite; possibly silicified; 1-2% *fine to very fine grained disseminated and wispy pyrite*	H449587	3.89	0.13
				Channel #108: East end UTMs: 666422, 5552686; azimuth 105					
H449588	108	666422.00	5552686.00	H449588	1.0	~15% quartz veins with moderate to strong FeOx; weak to moderate sericite; feldspar often euhedral, up to 1 cm; ~1% fine to very fine grained stringers/wisps/disseminated pyrite	H449588	4.55	0.30
H449589	108	666421.00	5552686.00	H449589	1.0	15-20% quartz veins/pods with weak FeOx; moderate sericite; 0.5 to 1% fine to very fine grained wisps/disseminated pyrite	H449589	4.66	0.05
H449590	108	666420.00	5552686.00	H449590	1.0	1-2% quartz pods; local moderate FeOx and moderate to strong sericite in QFP; 0.5% very fine grained pyrite	H449590	3.98	0.45

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H449591	108	666419.00	5552686.00	H449591	0.8	No quartz veins; moderate to strong sericite; trace to 0.5% very fine grained pyrite	H449591	2.9	0.05
				Channel #109: East end UTMs: 666437 (? seems wrong), 5552723; azimuth 115; channel is next to QFP contact					
H449592	109	666437.00	5552723.00	H449592	0.9	Mafic volcanic (mv); grey; very fine grained; moderate to strong carbonate fractures; no sulphides seen	H449592	4.97	0.01
H449593	109	666436.00	5552723.00	H449593	1.0	Mv as above with less carbonate fracturing; trace fine to medium grained pyrite	H449593	3.95	0.02
H449594	109	666435.00	5552723.00	H449594	1.0	*Mv with weak carbonate fractures; trace fine grained pyrite*	H449594	4.72	0.01
				Channel #110: East end UTMs: 666429 (? seems wrong), 5552724; azimuth 110					
H449595	110	666429.00	5552724.00	H449595	1.0	QFP next to contact with mafic volcanic; strong sericite and moderate FeOx; rock is homogenous, massive - grain boundaries generally not visible; light reddish brown; <1% quartz veins; 0.5% fine to very fine grained pyrite	H449595	4.61	0.35
H449596	110	666428.00	5552724.00	H449596	1.0	Mafic volcanic next to QFP above; no quartz veins, but appears to be moderately silicified, with ~10% chlorite wisps/clots; 0.5% very fine grained to locally medium grained pyrite	H449596	3.78	1.94
				Channel #111: East end UTMs: 666549, 5552684; azimuth 135					
H449597	111	666549.00	5552684.00	H449597	1.0	Diorite/gabbro; medium to dark green-grey; fine to medium grained; massive, equigranular; no sulphides observed in sample	H449597	5.9	0.01
H449598	111	666548.00	5552684.00	H449598	1.0	As above, with ~1% quartz veins with moderate FeOx; no sulphides	H449598	5.01	0.01
H449599	111	666547.00	5552684.00	H449599	1.0	As above, with <1% quartz-carbonate veinlet; no sulphides	H449599	6.32	0.01
H449600	111	666546.00	5552684.00	H449600	1.3	As above	H449600	8.29	0.02
				Channel #112: East end UTMs: 666549, 5552693; azimuth 100					
H449601	112	666549.00	5552693.00	H449601	0.9	Diorite/gabbro as above with 2-3 cm feldspar (felsite) vein with 5-7 mm quartz vein; ~5% quartz veins with moderate FeOx; no sulphides	H449601	4.88	0.01
H449602	112	666548.00	5552693.00	H449602	1.0	Diorite/gabbro with ~1-2% quartz veins with moderate FeOx; trace very fine grained pyrite	H449602	4.18	0.01
H449603	112	666547.00	5552693.00	H449603	1.1	Diorite/gabbro with 2-3% quartz veins with moderate FeOx; no sulphides	H449603	7.18	0.01
				Channel #113: East end UTMs: 666557, 5552728; azimuth 150; mafic volcanic outcrop just north of diorite above					
H449604	113	666557.00	5552728.00	H449604	1.0	mv with <1% quartz veins; moderate carbonate veinlets/fractures; no sulphides	H449604	6.29	0.01
H449605	113	666556.00	5552728.00	H449605	1.0	mv with no quartz veins; moderate carbonate fractures; no sulphides	H449605	5.47	0.01
				Channel #114: East end UTMs: 666570, 5552745; azimuth 110					
H449606	114	666570.00	5552745.00	H449606	0.6	QFP; more mafic content than previously seen - appears to be intermediate between QFP and diorite/gabbro just south; no quartz veins; weak FeOx; weak sericite; trace very fine grained pyrite	H449606	3.55	0.01
H449607	114	666569.00	5552745.00	H449607	1.0	As above	H449607	4.23	0.01
H449608	114	666568.00	5552745.00	H449608	1.0	1-2% quartz veins with moderate FeOx; weak sericite; trace very fine grained pyrite	H449608	3.93	0.29
H449609	114	666567.00	5552745.00	H449609	1.0	Looks more mafic; clots/wisps of chlorite; moderate FeOx; <1% quartz pods; trace to 0.5% very fine grained pyrite	H449609	3.88	0.01
H449610	114	666566.00	5552745.00	H449610	1.0	As above; trace very fine grained pyrite	H449610	4.62	0.01
H449611	114	666565.00	5552745.00	H449611	1.0	~40% quartz veins with weak to moderate FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H449611	4.26	0.02
H449612	114	666564.00	5552745.00	H449612	0.8	90% quartz veins with moderate FeOx; moderate sericite; trace fine to medium grained pyrite	H449612	2.39	0.01
H449613	114	666563.00	5552745.00	H449613	1.0	As above	H449613	5.22	0.01
				Channel #115: East end UTMs: 666577, 5552749; azimuth 105					
H449614	115	666577.00	5552749.00	H449614	1.0	QFP as above, with moderate chlorite; 5-10% quartz veins with weak FeOx; trace very fine grained pyrite	H449614	4.45	0.01
H449615	115	666576.00	5552749.00	H449615	1.0	As above with ~1-2% quartz veins; moderate FeOx fractures; trace to 0.5% very fine grained pyrite	H449615	3.85	0.01
H449616	115	666575.00	5552749.00	H449616	1.0	As above; 1% quartz veins	H449616	3.72	0.01
H449617	115	666574.00	5552749.00	H449617	1.0	As above	H449617	3.58	0.03
H449618	115	666573.00	5552749.00	H449618	1.0	As above with moderate to strong FeOx; trace very fine grained pyrite	H449618	3.74	0.01
H449619	115	666572.00	5552749.00	H449619	1.0	As above	H449619	2.81	0.01
H449620	115	666571.00	5552749.00	H449620	1.0	*No quartz veins; weak to locally moderate FeOx; trace very fine grained pyrite*	H449620	4.27	0.01
				Channel #116: East end UTMs: 666568, 5552747; azimuth 105					
H449621	116	666568.00	5552747.00	H449621	0.5	~20% quartz veins with weak FeOx and occasional fine to medium grained pyrite; moderate sericite and weak FeOx in QFP; trace to 0.5% very fine grained pyrite	H449621	2.66	0.01
H449622	116	666567.00	5552747.00	H449622	1.0	5-10% quartz veins with weak FeOx and occasional blebs of pyrite; moderate FeOx and sericite in QFP; trace to 0.5% very fine grained pyrite	H449622	5.03	0.01
				Channel #117: East end UTMs: 666566, 5552749; azimuth 145					

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H449623	117	666566.00	5552749.00	H449623	1.0	Moderate chlorite - appears more mafic than QFP above; 20-25% quartz veins with local moderate FeOx; moderate sericite; 1-2% very fine grained to locally medium grained pyrite (disseminated/stringers/blebs)	H449623	6.55	0.03
				Channel #118: East end UTMs: 666571, 5552754; azimuth 105					
H449624	118	666571.00	5552754.00	H449624	0.5	5-10% quartz veins with weak FeOx; moderate to strong FeOx and moderate sericite in QFP; trace very fine grained pyrite	H449624	1.93	0.44
H449625	118	666570.00	5552754.00	H449625	1.0	~5% quartz veins with weak FeOx; moderate FeOx and moderate to strong sericite in QFP; 0.5% very fine grained pyrite	H449625	5.84	0.12
H449626	118	666569.00	5552754.00	H449626	1.0	15-20% quartz veins with weak FeOx; moderate FeOx and sericite in QFP; 1% very fine grained to locally medium grained pyrite	H449626	4.31	0.28
H449627	118	666568.00	5552754.00	H449627	1.0	10-15% quartz veins with locally strong FeOx; strong sericite; 1-2% very fine to medium grained pyrite	H449627	5.21	0.51
H449628	118	666567.00	5552754.00	H449628	1.0	As above with 2-3% very fine to medium grained pyrite	H449628	5.12	0.21
				Channel #119: East end UTMs: 666570, 5552755; azimuth 105					
H449629	119	666570.00	5552755.00	H449629	1.0	25-30% quartz veins - barren to local moderate FeOx and occasional patch of galena; moderate to strong sericite; 1-2% very fine grained to fine grained pyrite	H449629	5.17	0.13
H449630	119	666569.00	5552755.00	H449630	1.0	~20% quartz veins with weak FeOx and blebs of galena up to 2 cm; strong sericite; 1-2% very fine grained to locally medium grained pyrite	H449630	5.34	3.21
				Channel #120: East end UTMs: 666553, 5552751; azimuth 85					
H449631	120	666553.00	5552751.00	H449631	1.1	~5% quartz veins with moderate to strong FeOx and occasional fine to medium grained pyrite; weak sericite; 0.5% very fine grained pyrite	H449631	5.08	0.10
H449632	120	666552.00	5552751.00	H449632	1.1	5-10% quartz veins with weak to moderate (locally strong) FeOx; weak sericite and local moderate FeOx in QFP; 0.5% very fine grained pyrite	H449632	6.38	0.03
H449633	120	666551.00	5552751.00	H449633	0.8	5-10% quartz veins with weak FeOx; weak sericite; trace to 0.5% very fine grained pyrite	H449633	2.64	0.09
				Channel #121: East end UTMs: 666550, 5552765; azimuth 90					
H449634	121	666550.00	5552765.00	H449634	1.0	No quartz veins; weak to moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449634	4.01	0.03
H449635	121	666549.00	5552765.00	H449635	0.8	~5% quartz veins with moderate FeOx; moderate sericite and FeOx in QFP - FeOx often in round spots around corroded pyrite; trace very fine grained pyrite	H449635	3.61	18.65
				Channel #122: East end UTMs: 666553, 5552770; azimuth 70					
H449636	122	666553.00	5552770.00	H449636	1.0	2-3% quartz veins with weak to moderate FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449636	5.57	0.01
H449637	122	666552.00	5552770.00	H449637	0.9	~60% quartz veins - mainly white and barren, with local weak to moderate FeOx; moderate sericite; trace very fine grained pyrite with occasional medium grained pyrite	H449637	5.1	3.05
				Channel #123: East end UTMs: 666585, 5552764; azimuth 85					
H449638	123	666585.00	5552764.00	H449638	1.0	1% quartz veins with no FeOx; moderate FeOx and sericite in QFP; trace very fine grained pyrite	H449638	5.89	0.09
H449639	123	666584.00	5552764.00	H449639	1.0	2-3% quartz veins with weak FeOx; moderate sericite and local moderate FeOx in QFP; trace very fine grained pyrite	H449639	5.33	0.01
H449640	123	666583.00	5552764.00	H449640	1.0	~10% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite with occasional medium grains in quartz veins	H449640	5.74	0.12
H449641	123	666582.00	5552764.00	H449641	1.2	20% quartz veins with weak FeOx; moderate to locally strong sericite and local moderate FeOx in QFP; trace very fine grained pyrite	H449641	7.99	3.81
H449642	123	666581.00	5552764.00	H449642	1.0	~50% quartz veins with moderate FeOx and occasional medium grained pyrite and trace fine grained galena; moderate to strong sericite trace very fine grained pyrite	H449642	4.02	10.10
H449643	123	666580.00	5552764.00	H449643	1.0	10% quartz veins with weak FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H449643	4.31	0.21
H449644	123	666579.00	5552764.00	H449644	0.8	No quartz veins; weak to moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449644	4.05	0.03
				Channel #124: East end UTMs: 666575, 5552774; azimuth 75					
H449645	124	666575.00	5552774.00	H449645	0.9	~40% quartz veins - barren to weak FeOx; moderate to strong sericite; trace very fine grained pyrite	H449645	4.91	0.01
H449646	124	666574.00	5552774.00	H449646	1.0	As above	H449646	5.42	0.01
H449647	124	666573.00	5552774.00	H449647	1.0	25-30% quartz veins with weak to moderate FeOx; moderate sericite and FeOx in QFP; trace very fine grained pyrite and occasional medium grains in quartz veins	H449647	4.94	0.06
H449648	124	666572.00	5552774.00	H449648	1.0	35-40% quartz veins - barren to local moderate FeOx; moderate to strong sericite; trace very fine grained pyrite	H449648	4	0.01
H449649	124	666571.00	5552774.00	H449649	1.0		H449649	3.67	0.02
				Channel #125: East end UTMs: 666582, 5552781; azimuth 100					
H449650	125	666582.00	5552781.00	H449650	1.0	<5% quartz veins with weak FeOx; moderate sericite and local moderate FeOx in QFP; trace very fine grained pyrite	H449650	4.08	0.07

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H449651	125	666581.00	5552781.00	H449651	1.0	25-30% quartz veins with weak to moderate FeOx; moderate sericite; trace very fine grained pyrite	H449651	3.15	0.09
H449652	125	666580.00	5552781.00	H449652	0.9	1-2% quartz veins with moderate FeOx and occasional fine to medium grained pyrite; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449652	4.71	0.08
H449653	125	666579.00	5552781.00	H449653	1.0	As above with weaker FeOx in QFP	H449653	6.35	0.11
H449654	125	666578.00	5552781.00	H449654	1.0	10-15% quartz veins with moderate FeOx - locally white, barren; local moderate FeOx and moderate sericite in QFP; trace to 0.5% very fine grained pyrite	H449654	6.56	0.07
H449655	125	666577.00	5552781.00	H449655	1.0	~5% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite; moderate sericite and FeOx in QFP; trace to 0.5% very fine grained pyrite	H449655	6.16	0.24
H449656	125	666576.00	5552781.00	H449656	1.0	15-20% quartz veins with weak FeOx and occasional fine to medium grained pyrite; moderate to locally strong sericite; trace very fine grained pyrite	H449656	5.58	0.03
H449657	125	666575.00	5552781.00	H449657	1.0	~10% quartz veins - barren with local moderate FeOx; moderate to locally strong sericite; occasional fine to medium grained pyrite in quartz veins and trace to 0.5% very fine grained pyrite in QFP	H449657	6.22	0.03
H449658	125	666574.00	5552781.00	H449658	1.2	2-3% thin quartz veins with moderate FeOx and occasional fine to medium grained pyrite; moderate FeOx and sericite in QFP; trace very fine grained pyrite	H449658	5.63	0.01
				Channel #126: East end UTMs: 666511, 5552690; azimuth 40					
H449659	126	666511.00	5552690.00	H449659	1.0	Mafic volcanic (mv); medium to dark grey; very fine grained to aphanitic; moderate to strong foliation/shearing @~ 10-90; ~30-35% quartz veins with moderate FeOx and carbonate; trace very fine grained pyrite	H449659	4.86	0.01
H449660	126	666510.00	5552690.00	H449660	1.1	Mv as above with ~35-40% quartz-iron carbonate (Fe carb) veining; trace very fine grained pyrite	H449660	7.59	0.01
				Channel #127: East end UTMs: 666510, 5552692; azimuth 90					
H449661	127	666510.00	5552692.00	H449661	0.9	Mv as above with ~20% quartz-Fe carb veins/veinlets; trace very fine grained pyrite	H449661	3.99	0.01
H449662	127	666509.00	5552692.00	H449662	1.0	Mv with ~60% quartz-Fe carb veins; trace very fine grained pyrite (+ galena/shalerite?)	H449662	5.23	0.01
H449663	127	666508.00	5552692.00	H449663	1.0	65-70% quartz-Fe carb veins; trace very fine grained pyrite	H449663	5.84	0.01
H449664	127	666507.00	5552692.00	H449664	0.5	30-40% quartz-Fe carb veins in mv; trace very fine grained pyrite	H449664	2.05	0.01
				Channel #128: East end UTMs: 666513, 5552699; azimuth 125					
H449665	128	666513.00	5552699.00	H449665	0.9	Mv with 1-2% quartz veins with minor carbonate; common carb fractures and seams; trace very fine grained pyrite in seams/stringers	H449665	4.74	0.01
H449666	128	666512.00	5552699.00	H449666	0.5	As above with no quartz veins	H449666	2.76	0.01
				Channel #129: East end UTMs: 666516, 5552701; azimuth 135					
H449667	129	666516.00	5552701.00	H449667	1.0	Mv with <1% quartz veins with moderate FeOx; weak/minor quartz-carb fractures; trace very fine grained pyrite	H449667	3.86	0.01
H449668	129	666515.00	5552701.00	H449668	0.6	As above	H449668	2.01	0.01
				Sample tags H449669 to H449700 were take by a bear					
				Channel #130: East end UTMs: 666521, 5552664; azimuth 155					
H449701	130	666521.00	5552664.00	H449701	1.0	Mv; massive to weakly bedded; trace fine to medium grained pyrite	H449701	6.56	0.01
H449702	130	666520.00	5552664.00	H449702	1.3	As above	H449702	5.11	0.01
				Channel #131: East end UTMs: 666524, 5552661; azimuth 130					
H449703	131	666524.00	5552661.00	H449703	1.3	Mv with ~75% quartz veins with weak to moderate FeOx; 3-5% fine to medium grained pyrite in mafic volcanic, trace to 0.5% in quartz vein	H449703	3.84	2.84
				Channel #132: East end UTMs: 666529, 5552662; azimuth 120					
H449704	132	666529.00	5552662.00	H449704	1.0	Possibly sheared diorite? Or intermediate to mafic volcanic? Moderate to strong foliation/shearing, with ~10-15% chloritic wisps or stretched out clots; ~40% quartz veins with moderate FeOx and mafic inclusions with 5-7% fine to medium grained pyrite; 2-3% fine to medium grained pyrite overall	H449704	3.62	8.00
H449705	132	666528.00	5552662.00	H449705	0.6	Looks more like mafic volcanic with moderate banding/bedding and moderate FeOx and carb; 25% quartz veins with weak FeOx; local Fe carb; 1-2% fine to very fine grained pyrite mainly in mv	H449705	2.54	0.65
				Channel #133: East end UTMs: 666525, 5552664; azimuth 105					
H449706	133	666525.00	5552664.00	H449706	1.0	Intermediate to mafic volcanic with local chloritic wisps/clots; ~30% quartz veins with weak FeOx and moderate Fe carb; 1-2% fine to medium grained stringer and disseminated pyrite overall, mainly in mv	H449706	3.39	3.56
H449707	133	666524.00	5552664.00	H449707	0.6	Intermediate to mafic volcanic with moderate banding/bedding with moderate FeOx and carbonate veinlets parallel to bedding; ~10% quartz veins with moderate Fe carb; 2-3% fine to medium grained pyrite (disseminated and stringer pyrite)	H449707	2.15	17.80
				Channel #134: East end UTMs: 666528, 5552668; azimuth 115					

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H449708	134	666528.00	5552668.00	H449708	1.0	Mv moderately foliated/sheared with occasional chloritic wisps; occasional (2-3%) quartz-carb-Fe carb veins; trace fine to medium grained pyrite	H449708	3.77	0.22
H449709	134	666527.00	5552668.00	H449709	1.0	As above with ~10-15% quartz veins (+ carb + FeOx); trace fine to medium grained pyrite	H449709	3.49	0.34
				Channel #135: East end UTMs: 666420, 5552831; azimuth 125					
H449710	135	666420.00	5552831.00	H449710	1.0	QFP; ~1% quartz veins with weak FeOx; weak to moderate FeOx and sericite in QFP; 0.5 to 1% very fine grained pyrite	H449710	5.96	0.02
H449711	135	666419.00	5552831.00	H449711	1.0	No quartz veins; moderate sericite and local moderate FeOx in QFP; trace to 0.5% very fine grained pyrite	H449711	5.57	0.04
H449712	135	666418.00	5552831.00	H449712	1.0	No quartz veins; weak to moderate sericite and local moderate FeOx in QFP; trace to 0.5% very fine grained pyrite	H449712	4.89	0.08
H449713	135	666417.00	5552831.00	H449713	1.0	No quartz veins; moderate to strong sericite; 0.5 to 1% very fine grained pyrite	H449713	5.46	0.07
H449714	135	666416.00	5552831.00	H449714	1.0	~1% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449714	4.84	0.09
				Channel #136: East end UTMs: 666419, 5552839; azimuth 120					
H449715	136	666419.00	5552839.00	H449715	1.3	~5% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449715	6.72	0.07
				Channel #137: East end UTMs: 666420, 5552843; azimuth 110					
H449716	137	666420.00	5552843.00	H449716	1.0	1-2% quartz veins with weak FeOx; weak sericite; 0.5 to 1% very fine grained pyrite	H449716	5.74	0.10
H449717	137	666419.00	5552843.00	H449717	1.0	As above	H449717	7.06	0.05
H449718	137	666418.00	5552843.00	H449718	1.0	No quartz veins; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H449718	5.88	0.06
H449719	137	666417.00	5552843.00	H449719	1.0	As above	H449719	4.91	0.03
H449720	137	666416.00	5552843.00	H449720	1.0	2% quartz veins with weak feOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite	H449720	6.46	0.06
H449721	137	666415.00	5552843.00	H449721	1.0	2-3% quartz veins with weak FeOx; moderate sericite; 0.5% very fine grained pyrite	H449721	5.32	0.09
H449722	137	666414.00	5552843.00	H449722	0.5	5-10% quartz veins with weak FeOx; weak to moderate sericite; 0.5% very fine grained pyrite	H449722	2.31	0.02
H449723	137	666413.00	5552843.00	H449723	1.0	1-2% quartz veins with moderate FeOx; weak to moderate sericite and local moderate FeOx in QFP; trace to 0.5% very fine grained pyrite	H449723	5.1	0.20
H449724	137	666412.00	5552843.00	H449724	1.0	Sample is vertical, cut up a wall; ~10% quartz veins with local moderate FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite	H449724	6.22	0.16
H449725	137	666411.00	5552843.00	H449725	1.0	~5% quartz veins with weak FeOx; weak to moderate sericite; 0.5 to 1% very fine grained pyrite	H449725	5.26	0.04
				Channel #138: East end UTMs: 666415, 5552848; azimuth 110					
H449726	138	666415.00	5552848.00	H449726	1.0	~1% quartz veins with weak FeOx; weak sericite; trace to 0.5% very fine grained to locally medium grained pyrite	H449726	4.46	0.04
H449727	138	666414.00	5552848.00	H449727	1.0	~2% quartz veins with weak FeOx; weak to locally moderate FeOx; trace to 0.5% very fine grained to medium grained pyrite, occasionally in patches	H449727	4.97	0.12
H449728	138	666413.00	5552848.00	H449728	1.0	~1% quartz veins with weak FeOx; weak to moderate sericite; trace very fine grained pyrite	H449728	5.14	0.14
H449729	138	666412.00	5552848.00	H449729	1.0	No quartz veins; moderate sericite; trace very fine grained pyrite	H449729	4.62	0.08
H449730	138	666411.00	5552848.00	H449730	1.0	1% quartz veins with weak to moderate FeOx; weak sericite; trace very fine grained pyrite	H449730	5.92	0.04
H449731	138	666410.00	5552848.00	H449731	1.0	~5% quartz veins with moderate FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H449731	4.94	0.05
H449732	138	666409.00	5552848.00	H449732	1.0	2-3% quartz veins with moderate FeOx; weak to moderate sericite; trace very fine grained pyrite	H449732	6.01	0.02
				Channel #139: East end UTMs: 666438, 5552867; azimuth 65					
H449733	139	666438.00	5552867.00	H449733	0.8	No quartz veins; locally moderate FeOx in QFP; weak sericite; trace very fine grained pyrite	H449733	3.57	0.07
H449734	139	666437.00	5552867.00	H449734	1.0	4-5% quartz veins with moderate FeOx; moderate FeOx and sericite in QFP; trace to 0.5% very fine grained pyrite	H449734	3.95	0.04
H449735	139	666436.00	5552867.00	H449735	1.0	1-2% quartz veins with weak FeOx; moderate sericite; 0.5 very fine grained to locally medium grained pyrite	H449735	5.91	0.11
H449736	139	666435.00	5552867.00	H449736	1.0	5% quartz veins with moderate to strong FeOx; weak to moderate FeOx and moderate sericite in QFP; 0.5 to 1% very fine grained to locally medium grained pyrite	H449736	5.33	0.13
H449737	139	666434.00	5552867.00	H449737	1.0	5% quartz veins with weak FeOx; moderate sericite; 0.5% very fine grained pyrite	H449737	3.64	0.02
H449738	139	666433.00	5552867.00	H449738	1.0	10% quartz veins with moderate to strong FeOx; moderate sericite; 0.5% very fine grained pyrite	H449738	5.18	0.05
H449739	139	666432.00	5552867.00	H449739	0.7	6-7% quartz veins with moderate to strong FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449739	3.42	0.03
H449740	139	666431.00	5552867.00	H449740	1.0	No quartz veins; moderate sericite; trace to 0.5% very fine grained pyrite	H449740	4.94	0.07
H449741	139	666430.00	5552867.00	H449741	1.0	~2% quartz veins with weak FeOx; weak sericite; trace very fine grained pyrite	H449741	4.49	0.06
H449742	139	666429.00	5552867.00	H449742	1.0	~2% quartz veins with moderate FeOx; moderate FeOx and sericite in QFP; trace to 0.5% very fine grained pyrite	H449742	4.49	0.14

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H449743	139	666428.00	5552867.00	H449743	1.0	1% quartz veins with weak FeOx; local moderate FeOx and weak to moderate FeOx in QFP; trace to 0.5% very fine grained pyrite	H449743	4.7	0.11
H449744	139	666427.00	5552867.00	H449744	1.0	~5% quartz veins with moderate FeOx and occasional fine to medium grained pyrite; moderate sericite; 0.5% very fine grained to locally medium grained pyrite	H449744	4.67	0.27
H449745	139	666426.00	5552867.00	H449745	1.0	4-5% quartz veins with local moderate FeOx and occasional medium grained pyrite; moderate sericite; trace to 0.5% very fine grained pyrite	H449745	6.28	0.02
H449746	139	666425.00	5552867.00	H449746	1.0	2-3% quartz veins with weak to moderate FeOx; moderate to locally strong sericite; trace to 0.5% very fine grained pyrite	H449746	3.71	0.07
H449747	139	666424.00	5552867.00	H449747	1.0	No quartz veins; local moderate FeOx and weak to moderate sericite in QFP; trace to 0.5% very fine grained pyrite	H449747	5.84	0.06
H449748	139	666423.00	5552867.00	H449748	1.0	3-5% quartz veins with weak FeOx; moderate sericite; 0.5% very fine grained pyrite	H449748	5.04	0.15
H449749	139	666422.00	5552867.00	H449749	1.0	2-3% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449749	4.5	0.12
H449750	139	666421.00	5552867.00	H449750	1.0	<1% quartz veins with no FeOx; moderate to locally strong sericite; trace very fine grained pyrite	H449750	4.42	0.03
H449751	139	666420.00	5552867.00	H449751	1.0	10-15% quartz veins with no FeOx; strong sericite; trace very fine grained pyrite	H449751	3.91	0.01
H449752	139	666419.00	5552867.00	H449752	1.0	5-10% quartz veins with local moderate FeOx; local moderate sericitetrace to 0.5% very fine grained pyrite	H449752	4.71	0.02
				Channel #140: East end UTMs: 666456, 5552923; azimuth 90					
H449753	140	666456.00	5552923.00	H449753	0.5	~25% quartz veins with weak FeOx; weak to moderate sericite; trace to 0.5% very fine grained pyrite	H449753	3.11	0.01
H449754	140	666455.00	5552923.00	H449754	1.0	15-20% quartz veins with weak to locally moderate FeOx; weak sericite; trace very fine grained pyrite	H449754	7.2	0.01
H449755	140	666454.00	5552923.00	H449755	1.0	Sample is parallel to H449754 and 1 metre south; ~5% quartz veins with no FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449755	6.64	0.01
H449756	140	666453.00	5552923.00	H449756	1.0	1% quartz veins with weak FeOx; moderate sericite; trace to 0.5% very fine grained pyrite	H449756	7.62	0.02
H449757	140	666452.00	5552923.00	H449757	1.0	10% quartz veins with moderate FeOx and occasional medium grained pyrite; moderate sericite; trace very fine grained pyrite	H449757	6.53	0.03
				Channel #141: East end UTMs: 666647, 5552928; azimuth 120					
H449758	141	666647.00	5552928.00	H449758	1.0	~15% quartz veins with weak to moderate FeOx; moderate FeOx and weak sericite in QFP; trace to 0.5% very fine grained pyrite	H449758	5.89	0.24
H449759	141	666646.00	5552928.00	H449759	1.0	20-25% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449759	5.14	2.77
H449760	141	666645.00	5552928.00	H449760	0.8	5-10% quartz veins with little/no FeOx; moderate sericite and local moderate FeOx in QFP; trace very fine grained pyrite	H449760	5.08	0.01
H449761	141	666644.00	5552928.00	H449761	1.0	~5% quartz veins with moderate FeOx; moderate sericite and local moderate FeOx in QFP; trace very fine grained pyrite	H449761	6.05	0.12
H449762	141	666643.00	5552928.00	H449762	1.0	20-25% quartz veins with weak to moderate FeOx; moderate sericite; trace very fine grained pyrite	H449762	6	0.01
H449763	141	666642.00	5552928.00	H449763	1.0	~20% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H449763	6.53	0.02
H449764	141	666641.00	5552928.00	H449764	1.0	30-35% quartz veins with moderate FeOx and occasional medium grained pyrite; moderate to locally strong sericite; trace very fine grained pyrite	H449764	6.1	0.05
				Channel #142: East end UTMs: 666637, 5552914; azimuth 125					
H449765	142	666637.00	5552914.00	H449765	1.0	10-15% quartz veins weak to locally moderate FeOx and occasional medium grained pyrite; moderate to strong sericite and local moderate FeOx in QFP; trace very fine grained pyrite	H449765	5.06	0.01
H449766	142	666636.00	5552914.00	H449766	1.0	50-55% quartz veins with moderate FeOx; moderate sericite; trace very fine grained pyrite	H449766	4.81	1.51
H449767	142	666635.00	5552914.00	H449767	1.0	~80% quartz veins - mostly barren (~60%) with local moderate FeOx; moderate to strong sericite; trace very fine grained to locally medium grained pyrite	H449767	3.64	0.09
H449768	142	666634.00	5552914.00	H449768	1.0	100% quartz veins with moderate FeOx and trace medium grained pyrite; no sericite	H449768	5.83	0.01
H449769	142	666633.00	5552914.00	H449769	1.0	~50% quartz veins with moderate FeOx and occasional medium to coarse grained pyrite; strong sericite; trace very fine grained pyrite	H449769	4.8	0.62
H449770	142	666632.00	5552914.00	H449770	1.0	As above	H449770	5.32	0.05
H449771	142	666631.00	5552914.00	H449771	1.0	60-65% quartz veins with moderate FeOx and occasional medium grained pyrite; moderate sericite and FeOx in QFP; trace very fine grained pyrite	H449771	5.36	0.18
H449772	142	666630.00	5552914.00	H449772	1.0	80% quartz veins - barren, white, with local moderate FeOx; strong sericite; trace very fine grained pyrite	H449772	4.08	1.84
H449773	142	666629.00	5552914.00	H449773	1.0	As above with moderate FeOx	H449773	3.47	21.60
				Channel #143: East end UTMs: 666626, 5552916; azimuth 120					
H449774	143	666626.00	5552916.00	H449774	1.0	30-35% quartz veins with weak FeOx; moderate sericite; trace very fine grainedpyrite	H449774	4.48	0.06

SAMPLE #	Channel #	UTM E	UTM N	Sample No.	Length	Description	SAMPLE #	Recvd Wt.	Au
DESCRIPTION							DESCRIPTION	kg	ppm
H449775	143	666625.00	5552916.00	H449775	1.0	25-30% quartz veins - barren, white with local moderate FeOx; strong sericite; trace very fine grained pyrite and occaional medium grains	H449775	4.81	0.02
H449776	143	666624.00	5552916.00	H449776	1.0	~40% quartz veins with weak to locally moderate FeOx and occasional medium to coarse grained pyrite; moderate sericite; trace very fine grained pyrite	H449776	7.06	1.06
H449777	143	666623.00	5552916.00	H449777	1.0	75% quartz veins - barren, white with local weak feOx and occasional medium grained pyrite; moderate sericite; trace very fine grained pyrite	H449777	7.87	0.02
H449778	143	666622.00	5552916.00	H449778	1.0	1-2% quartz veins with weak FeOx; moderate to strong sericite and local moderate FeOx in QFP; trace very fine grained pyrite - 20 cm strong sericite shear, no pyrite	H449778	7.8	0.01
H449779	143	666621.00	5552916.00	H449779	1.0	~10% quartz veins with moderate to strong FeOx; moderate to strong sericite; trace very fine grained pyrite	H449779	5.44	0.03

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447001		0.50	3.76	<5	280	0.8	<2	0.03	0.7	1	12	1	0.9	10	1.54	<10	0.03	52
H447002		3.20	4.71	<5	300	0.9	7	0.06	3.4	1	10	2	1.3	10	1.72	10	0.02	66
H447003		0.60	5.16	<5	360	1	2	0.09	3.9	<1	10	1	0.83	20	2.15	10	0.02	190
H447004		9.90	1.25	<5	90	<0.5	20	0.01	9.6	3	16	12	1.03	10	0.54	<10	0.01	39
H447005		0.50	5.14	<5	410	1.1	<2	0.07	<0.5	1	13	1	0.82	20	2.23	10	0.02	139
H447006		0.50	8.37	<5	690	1.7	<2	0.23	<0.5	<1	5	1	0.76	20	2.84	10	0.04	407
H447007		30.10	0.27	<5	<10	<0.5	72	0.01	5.4	2	12	2	1.02	<10	0.12	<10	<0.01	33
H447008		1.70	3.63	<5	230	0.7	2	0.06	0.8	1	14	1	0.83	10	1.35	<10	0.02	109
H447009		0.80	4.93	<5	360	1.1	3	0.06	1.8	1	14	2	1.2	20	2.05	10	0.03	122
H447010		4.00	4.25	<5	420	1.1	9	0.02	<0.5	1	14	2	0.84	20	1.96	<10	0.03	69
H447011		0.50	4.03	<5	290	0.7	<2	0.05	4.5	1	14	4	0.96	10	1.6	<10	0.02	88
H447012		1.40	4.73	<5	290	0.8	3	0.1	<0.5	1	14	2	0.82	10	1.62	10	0.02	235
H447013		0.50	3.38	<5	270	0.8	<2	0.03	<0.5	2	12	3	0.66	10	1.43	<10	0.03	61
H447014	0.11	1.20	2.96	<5	180	0.5	<2	0.02	<0.5	1	14	3	0.66	10	1.14	<10	0.01	44
H447015	0.02	0.50	1.53	<5	90	<0.5	<2	0.01	<0.5	1	17	1	0.62	<10	0.6	<10	0.01	41
H447016	0.15	0.50	6.18	<5	450	1.2	<2	0.06	<0.5	1	6	2	0.91	20	2.51	10	0.02	150
H447017	0.02	0.50	5.69	<5	520	1.3	<2	0.04	<0.5	2	10	6	0.89	20	2.57	10	0.03	107
H447018	1.12	0.50	2.53	<5	260	0.7	2	<0.01	<0.5	4	11	13	1.03	10	1.18	<10	0.02	53
H447019	0.01	0.50	2.4	<5	230	0.6	<2	0.01	0.6	2	18	9	0.59	10	1.09	<10	0.01	55
H447020	3.15	1.20	6.22	<5	730	1.8	<2	0.01	<0.5	2	10	6	1.89	20	3.11	10	0.06	98
H447021		0.50	4.38	<5	410	0.7	<2	0.07	<0.5	2	10	9	0.66	10	1.53	<10	0.02	85
H447022		0.50	5.92	<5	570	0.8	<2	0.09	<0.5	1	7	8	0.7	20	2.29	10	0.01	121
H447023		0.50	5.91	<5	640	0.8	<2	0.1	<0.5	1	6	10	0.71	20	2.48	10	0.01	224
H447024		1.00	6.22	<5	560	0.9	<2	0.12	<0.5	2	6	8	0.62	20	2.12	10	0.02	116
H447025		0.60	6.02	<5	600	0.7	<2	0.11	<0.5	2	6	11	0.72	20	2.63	10	0.01	248
H447026		0.50	6.06	<5	850	0.7	<2	0.14	1.3	1	5	2	0.7	10	2.66	10	0.01	493
H447027		0.50	5.69	<5	810	0.7	<2	0.1	<0.5	<1	8	2	0.75	10	2.56	10	0.01	278
H447028		0.50	6.04	<5	840	0.7	<2	0.1	<0.5	<1	5	2	0.74	20	2.69	10	0.01	348
H447029		0.50	5.96	<5	860	0.7	<2	0.11	<0.5	1	6	1	0.73	20	2.66	10	0.01	361
H447030		0.50	6.22	<5	900	0.7	<2	0.11	<0.5	<1	7	3	0.78	20	2.7	10	0.01	340
H447031		0.50	6.1	<5	920	0.8	<2	0.11	<0.5	<1	7	5	0.73	20	2.68	10	0.01	371
H447032		0.50	6.25	<5	860	0.8	<2	0.13	<0.5	1	9	5	0.71	20	2.57	10	0.01	438
H447033		0.60	5.59	<5	750	0.7	<2	0.1	<0.5	<1	8	3	0.73	10	2.29	10	0.01	147
H447034		0.50	6.35	<5	850	0.9	<2	0.11	<0.5	1	6	10	0.74	20	2.58	10	0.01	251
H447035		20.90	0.9	<5	70	<0.5	36	0.01	0.7	1	25	3	0.65	<10	0.37	<10	0.01	34

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447036		4.60	1.53	<5	120	<0.5	8	0.01	1	1	15	1	0.72	10	0.66	<10	0.01	38
H447037		0.60	4.13	<5	290	0.7	<2	0.04	<0.5	1	11	1	0.63	10	1.66	<10	0.01	65
H447038		3.10	3.01	<5	220	0.5	7	0.03	0.8	1	15	2	0.56	10	1.18	<10	0.01	96
H447039		5.10	5.67	<5	410	0.8	10	0.09	<0.5	1	6	1	0.95	10	2.23	10	0.01	199
H447040		1.60	5.49	<5	390	0.8	4	0.08	0.7	1	6	8	0.77	10	2.19	10	0.01	373
H447041		0.50	4.52	<5	320	0.7	<2	0.06	<0.5	1	12	1	0.64	10	1.77	10	0.01	183
H447042		0.50	5.97	<5	470	0.9	<2	0.12	<0.5	<1	6	1	0.66	20	2.63	10	0.01	385
H447043		0.50	5.45	<5	450	0.8	<2	0.07	<0.5	<1	7	1	0.72	10	2.36	10	0.01	203
H447044		0.50	4.22	<5	340	0.7	<2	0.04	<0.5	<1	8	1	0.59	10	1.77	<10	0.01	46
H447045		0.50	6.29	<5	580	1	<2	0.06	<0.5	1	5	<1	0.68	20	2.73	10	0.02	84
H447046		0.50	6	<5	540	0.9	<2	0.08	<0.5	1	6	2	0.64	20	2.68	10	0.01	121
H447047		5.80	4.52	<5	350	0.8	10	0.05	<0.5	1	8	2	0.63	10	1.56	10	0.01	80
H447048		0.50	6.19	<5	500	1.1	2	0.06	<0.5	1	5	1	0.9	20	2.19	10	0.01	113
H447051		0.70	4.82	<5	320	1	3	0.04	0.5	1	7	1	0.69	20	1.9	10	0.02	163
H447052		1.70	7.75	<5	590	1.8	5	0.06	<0.5	1	5	1	1.13	30	3.54	10	0.04	171
H447053		0.50	5.99	<5	410	1.2	<2	0.04	<0.5	<1	13	<1	0.79	20	2.71	10	0.02	129
H447054		7.70	2.34	<5	200	0.6	9	0.01	1	1	17	4	0.55	10	1.05	<10	0.01	67
H447055		8.30	1.42	5	130	<0.5	17	0.01	<0.5	2	28	2	2.94	10	0.63	<10	0.01	37
H447056		10.70	3.44	<5	320	0.8	25	0.02	1.4	<1	12	<1	0.75	10	1.5	<10	0.02	54
H447057		13.70	5.83	<5	600	1.3	11	0.04	1	<1	11	<1	0.99	20	2.56	10	0.03	81
H447058		0.50	1.77	<5	230	0.5	<2	<0.01	<0.5	1	12	<1	0.52	10	0.85	<10	0.01	37
H447049		0.50	5.61	<5	510	1	<2	0.06	<0.5	1	7	2	0.6	20	2.35	10	0.01	99
H447050		2.80	6.19	<5	590	1.2	<2	0.07	<0.5	<1	5	2	0.81	20	2.72	10	0.01	130
C141503		0.50	7.46	<5	20	<0.5	<2	6.77	<0.5	44	98	169	9.15	20	0.15	10	2.91	1625
C141502		0.50	7.33	<5	40	<0.5	<2	6.11	<0.5	40	99	82	8.98	20	0.36	10	3.11	1670
C141501		0.50	7.21	<5	50	<0.5	<2	4.83	<0.5	43	97	75	8.47	20	0.57	10	2.9	1565
H447059		4.60	3.1	<5	190	0.6	8	0.04	1	<1	14	<1	0.61	10	1.17	10	0.01	91
H447060		3.70	3.7	<5	210	0.7	7	0.08	4	<1	12	<1	0.64	10	1.41	<10	0.01	148
H447061		58.30	2.67	<5	210	0.6	132	0.01	<0.5	1	18	1	0.6	10	1.18	<10	0.01	67
H447062		2.10	5.1	<5	390	1.1	5	0.06	<0.5	1	11	<1	0.87	20	2.34	10	0.02	187
H447063		1.40	2.99	<5	260	0.7	2	0.02	0.6	1	10	<1	0.56	10	1.35	10	0.02	56
H447064		10.30	4.8	<5	340	1	20	0.07	1.7	1	13	1	0.7	10	1.98	10	0.01	214
H447065		3.20	2.6	<5	210	0.6	9	0.02	<0.5	1	16	<1	0.68	10	1.2	<10	0.01	164

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447066		0.50	2.86	<5	260	0.7	2	0.01	<0.5	1	19	<1	0.59	10	1.34	<10	0.02	53
H447067		0.90	3.35	<5	300	0.8	3	0.01	<0.5	1	13	1	0.68	10	1.54	<10	0.02	47
H447068		0.60	1.48	<5	140	<0.5	<2	<0.01	1.6	1	14	1	0.52	10	0.73	<10	0.01	41
H447069		0.90	2.56	<5	230	0.6	<2	0.01	<0.5	<1	17	1	0.68	10	1.13	<10	0.01	42
H447070		1.70	4.08	<5	320	0.8	5	0.21	1.2	<1	11	<1	0.97	10	1.39	<10	0.02	398
H447071		0.70	5.23	<5	370	0.9	3	0.06	0.7	1	11	<1	0.73	10	2.25	10	0.01	55
H447072		0.50	4.19	<5	270	0.6	2	0.04	<0.5	<1	16	<1	0.67	10	1.72	10	0.01	40
H447073		0.50	2.88	<5	210	0.5	<2	0.03	<0.5	<1	17	<1	0.67	10	1.19	<10	0.01	37
H447074		0.50	4.14	<5	270	0.7	<2	0.05	<0.5	<1	11	<1	0.69	10	1.7	10	0.01	100
H447075		2.60	4.89	<5	310	0.9	5	0.07	<0.5	<1	8	<1	0.64	10	2.12	10	0.01	199
H447076		13.10	4.75	<5	270	0.8	27	0.06	<0.5	<1	8	1	0.59	10	2.01	10	0.01	73
H447077		0.50	4.72	<5	330	0.9	<2	0.05	<0.5	<1	9	<1	0.73	10	2.04	10	0.01	49
H447078		0.50	5.67	<5	370	1.2	<2	0.08	<0.5	<1	9	1	0.78	20	2.46	10	0.01	254
H447079		0.50	5.88	<5	350	1.1	<2	0.08	<0.5	<1	6	<1	0.73	20	2.68	10	0.01	312
H447080		0.50	5.75	<5	340	1.1	<2	0.08	<0.5	<1	7	<1	0.76	20	2.43	10	0.01	211
H447081		1.30	5.87	<5	380	1.3	<2	0.08	<0.5	1	5	<1	0.71	20	2.68	10	0.01	178
H447082		0.50	5.61	<5	390	1.1	<2	0.1	<0.5	2	15	7	0.67	20	2.38	10	0.03	165
H447083		0.50	5.14	5	370	0.9	<2	0.1	<0.5	2	14	5	0.71	10	2.14	10	0.02	257
H447084		0.50	6.24	<5	490	1	<2	0.08	<0.5	<1	11	4	0.72	20	2.78	10	0.01	217
H447085		0.50	5.19	<5	470	1	<2	0.05	0.5	1	11	4	0.74	10	2.31	10	0.01	206
H447086		3.10	5.52	<5	500	1.1	4	0.07	<0.5	1	12	1	0.73	10	2.24	10	0.02	329
H447087		0.50	6.34	<5	490	1.2	<2	0.07	<0.5	<1	11	1	0.85	20	2.48	10	0.02	180
H447088		0.50	5.95	<5	450	1	<2	0.08	<0.5	<1	11	1	0.75	20	2.35	10	0.01	245
H447089		0.70	4.87	<5	310	0.9	<2	0.13	0.8	1	14	3	0.83	20	1.75	<10	0.02	258
H447090		2.50	4.66	<5	320	0.9	3	0.11	<0.5	2	16	<1	1.73	10	1.87	10	0.02	258
H447091		5.10	4.81	<5	400	1.2	8	0.05	<0.5	1	21	<1	0.86	20	2.1	10	0.03	198
H447092		0.50	5.94	<5	490	1.4	<2	0.11	0.6	<1	11	<1	0.89	20	2.76	10	0.06	241
H447093		1.70	3.17	<5	220	0.6	3	0.04	5.3	<1	11	<1	0.72	10	1.35	10	0.02	95
H447094		0.90	4.65	<5	340	0.9	<2	0.08	3.2	<1	10	<1	0.83	20	2.01	10	0.02	178
H447095		3.10	3.68	<5	260	0.7	4	0.05	<0.5	<1	13	<1	0.82	10	1.52	10	0.02	156
H447096		9.30	5.59	<5	440	1.2	18	0.15	<0.5	<1	12	<1	0.96	20	2.37	10	0.03	347
H447097		5.10	3.39	<5	290	0.8	10	0.03	2.5	<1	13	<1	0.88	10	1.63	10	0.02	140
H447098		0.50	4.68	<5	350	1	<2	0.06	<0.5	1	19	<1	0.77	20	2.22	10	0.02	180

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447099		0.50	4.36	<5	360	0.9	<2	0.04	<0.5	1	10	1	0.99	20	1.97	10	0.02	165
H447100		0.50	4.79	<5	370	1	<2	0.07	1.3	1	12	1	0.76	10	2.17	10	0.02	197
H447101		0.50	5.61	<5	420	1.1	<2	0.11	<0.5	<1	9	<1	0.85	20	2.55	10	0.02	257
H447102		2.80	5.17	<5	430	1.2	5	0.06	<0.5	1	8	1	0.82	20	2.51	10	0.02	194
H447103		3.60	6.27	6	560	1.5	7	0.08	1.6	1	9	<1	1.19	20	3.26	10	0.02	261
H447104		15.80	4.21	<5	350	0.8	32	0.03	5.5	1	13	1	0.91	10	1.92	10	0.01	85
H447105		0.80	5.59	<5	390	0.8	<2	0.07	<0.5	1	7	1	0.81	20	2.35	10	0.01	122
H447106		0.50	4.93	5	410	0.9	<2	0.04	<0.5	1	8	<1	0.87	20	2.22	10	0.02	131
H447107		0.50	0.69	5	70	<0.5	<2	<0.01	0.7	<1	18	1	0.4	<10	0.32	<10	0.01	53
H447108		0.50	2.37	<5	230	0.6	3	0.01	<0.5	<1	15	1	0.8	10	1.08	<10	0.01	68
H447109		0.60	6.91	<5	580	1.2	3	0.06	<0.5	1	12	1	1.19	20	2.95	10	0.02	79
H447110		0.50	6.41	<5	490	1.1	<2	0.06	<0.5	1	5	1	0.77	20	2.67	10	0.01	192
H447111		0.50	6.6	<5	540	1.2	<2	0.1	<0.5	1	7	2	0.84	20	2.93	10	0.01	304
H447112		0.50	6.62	5	520	1.5	<2	0.04	<0.5	<1	19	<1	0.87	20	2.65	10	0.02	185
H447113		1.00	5.76	<5	510	1.1	4	0.04	<0.5	1	9	1	0.94	20	2.48	10	0.02	59
H447114		0.50	5.92	<5	540	1	<2	0.06	<0.5	1	6	<1	0.73	20	2.53	10	0.01	189
H447115		0.90	5.74	<5	550	0.8	<2	0.06	<0.5	1	8	1	0.71	10	2.45	10	0.01	82
H447116		0.50	6.48	<5	590	0.9	<2	0.1	<0.5	<1	11	5	0.71	20	2.44	10	0.01	251
H447117		0.50	6.53	<5	560	0.9	<2	0.07	<0.5	1	4	1	0.74	20	2.56	<10	0.01	79
H447118		0.50	5.96	<5	450	0.9	<2	0.05	<0.5	1	8	1	0.75	20	2.13	10	0.02	144
H447119		0.50	4.66	5	390	0.7	<2	0.04	<0.5	<1	8	2	0.78	10	1.94	10	0.01	51
H447120		0.50	5.77	<5	480	0.8	<2	0.05	<0.5	1	8	<1	0.66	20	2.35	10	0.01	47
H447121		0.50	6.23	7	500	1.1	<2	0.06	<0.5	4	8	19	0.87	20	2.32	10	0.01	130
H447122		0.50	4.98	<5	310	1	<2	0.05	<0.5	<1	8	1	0.7	10	1.53	10	0.01	112
H447123		0.50	5.65	<5	370	1.2	<2	0.06	0.6	1	8	3	0.75	20	1.89	10	0.01	263
H447124		0.50	5.43	7	430	1.3	<2	0.05	<0.5	<1	6	1	0.64	20	1.88	10	0.01	77
H447125		0.50	5.81	<5	390	0.9	<2	0.08	<0.5	1	6	2	0.77	20	2.15	10	0.01	146
H447126		1.20	5.02	<5	390	0.9	<2	0.04	<0.5	1	9	1	1.75	20	2.05	<10	0.01	79
H447127		0.70	1.56	<5	130	<0.5	<2	0.01	<0.5	<1	13	1	0.5	10	0.64	<10	0.01	64
H447128		1.30	0.25	<5	30	<0.5	2	<0.01	<0.5	<1	25	<1	0.32	<10	0.11	<10	<0.01	31
H447129		0.50	5.13	5	370	0.8	<2	0.05	<0.5	1	9	<1	2.3	20	1.99	10	0.01	59
H447130		0.60	5.74	<5	440	0.9	<2	0.06	<0.5	1	6	1	0.9	20	2.32	10	0.01	87
H447131		0.50	2.26	<5	200	<0.5	<2	0.02	2.3	<1	13	<1	0.44	10	0.89	10	0.01	65

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447132		1.20	3.66	<5	360	0.8	2	0.03	0.5	1	11	<1	0.68	10	1.53	<10	0.01	86
H447133		0.50	1.71	5	180	<0.5	2	<0.01	<0.5	<1	16	2	0.41	10	0.77	<10	0.01	49
H447134		0.50	6.19	<5	420	1.1	<2	0.23	<0.5	<1	10	3	0.72	20	2.05	10	0.02	483
H447135		0.50	6.21	<5	540	1	<2	0.18	<0.5	1	7	2	0.78	20	2.48	10	0.02	411
H447136		0.50	5.9	<5	470	0.8	2	0.13	<0.5	1	7	2	0.83	20	2.36	10	0.01	290
H447137		0.50	5.86	<5	450	0.9	3	0.13	<0.5	<1	10	<1	0.74	20	2.35	10	0.01	323
H447138		0.50	6.46	8	500	0.9	2	0.14	<0.5	1	8	3	0.73	20	2.45	10	0.01	386
H447139		0.50	6.28	<5	520	0.9	4	0.11	<0.5	<1	8	1	0.76	20	2.47	10	0.01	293
H447140		0.50	6.53	<5	650	0.9	2	0.13	<0.5	1	8	6	0.72	20	2.68	10	0.01	468
H447141		0.50	6.43	<5	420	0.9	<2	0.07	<0.5	<1	12	<1	0.67	20	2.54	10	0.01	189
H447142		0.50	6.55	<5	400	1	<2	0.08	<0.5	1	5	2	0.77	20	2.47	10	0.01	328
H447143		0.50	6.75	<5	390	1	2	0.07	<0.5	1	17	2	0.8	20	2.7	10	0.02	342
H447144		0.50	4.4	<5	230	0.6	3	0.04	<0.5	<1	8	1	0.66	10	1.66	10	0.01	155
H447145		0.50	6.63	<5	370	0.9	<2	0.06	<0.5	<1	5	1	0.81	20	2.86	10	0.01	205
H447146		0.50	6.34	<5	340	0.9	<2	0.05	<0.5	1	7	1	0.69	20	2.55	10	0.01	58
H447147		0.50	6.32	<5	360	0.9	3	0.1	<0.5	1	6	1	0.64	20	2.41	10	0.01	287
H447148		0.50	4.85	<5	290	0.7	2	0.03	<0.5	<1	13	1	0.8	10	1.83	10	0.01	51
H447149		0.50	6.5	<5	380	0.9	3	0.06	<0.5	1	6	1	0.76	20	2.82	10	0.01	79
H447150		0.50	5.98	<5	350	0.9	2	0.04	<0.5	1	10	<1	0.96	20	2.36	10	0.01	49
H447151		0.50	6.16	5	340	0.9	2	0.03	<0.5	1	9	<1	0.77	20	1.99	10	0.01	101
H447152		0.50	6.64	<5	410	0.9	4	0.08	<0.5	<1	8	<1	0.78	20	2.54	10	0.01	267
H447153		<0.5	6.49	<5	400	0.9	2	0.13	<0.5	<1	6	<1	0.75	20	2.34	10	0.01	301
H447154		<0.5	5.99	<5	320	0.9	<2	0.11	<0.5	1	8	10	0.7	20	1.97	10	0.01	359
H447155		<0.5	6.25	7	320	1	<2	0.07	<0.5	1	8	<1	0.81	20	1.95	10	0.01	256
H447156		<0.5	6.53	<5	320	1	<2	0.1	<0.5	1	6	1	0.72	20	1.87	10	0.02	382
H447157		<0.5	5.62	<5	350	1	2	0.01	<0.5	<1	11	<1	0.68	10	1.73	10	0.02	77
H447158		<0.5	6.11	5	420	0.9	3	0.06	<0.5	1	7	<1	0.77	20	2.28	10	0.01	183
H447159		0.50	6.2	<5	450	1	3	0.08	<0.5	1	5	1	0.77	20	2.43	10	0.01	329
H447160		<0.5	6.36	5	450	0.9	3	0.07	<0.5	1	7	3	0.77	20	2.33	10	0.01	276
H447161		<0.5	6.78	<5	490	0.9	<2	0.11	<0.5	1	8	4	0.69	20	2.43	10	0.01	328
H447162		<0.5	6.26	5	460	0.9	3	0.21	<0.5	1	9	7	0.62	20	1.99	10	0.01	364
H447163		3.20	6.6	<5	430	1.2	7	0.19	<0.5	1	11	6	0.66	20	2.03	10	0.02	471

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447164		1.50	3.49	<5	280	0.7	3	0.08	<0.5	1	14	2	0.65	10	1.31	10	0.02	227
H447165		0.90	6.35	<5	500	1.3	4	0.1	<0.5	1	8	2	1	20	2.35	10	0.02	278
H447166		<0.5	6.24	<5	580	1.3	<2	0.06	<0.5	<1	9	2	0.84	20	2.73	10	0.02	252
H447167		0.50	5.4	<5	380	0.8	<2	0.1	<0.5	<1	11	3	0.71	10	1.35	10	0.02	191
H447168		<0.5	5.79	<5	610	1.1	<2	0.04	<0.5	1	7	1	0.76	20	1.98	10	0.03	140
H447169		<0.5	4.23	<5	470	0.9	<2	0.06	<0.5	1	13	2	0.66	10	1.51	10	0.03	146
H447170		<0.5	6.03	<5	620	1	<2	0.05	<0.5	<1	11	1	0.71	10	1.88	10	0.02	124
H447171		0.60	6.33	<5	610	1	<2	0.05	<0.5	<1	8	1	0.74	20	1.92	10	0.03	101
H447172		4.30	2.12	<5	270	<0.5	7	0.03	1.4	1	28	2	0.38	10	0.75	<10	0.02	98
H447173		<0.5	6.01	<5	500	1	<2	0.06	<0.5	1	10	<1	0.68	10	1.54	10	0.03	123
H447174		9.40	4.88	<5	370	0.9	19	0.11	1.3	1	18	2	0.44	10	1.32	10	0.02	185
H447175		<0.5	6.59	<5	710	1.2	<2	0.06	<0.5	<1	10	5	0.56	20	1.87	10	0.03	120
H447176		<0.5	5.6	<5	570	1.1	<2	0.06	<0.5	<1	14	<1	0.51	10	1.63	10	0.02	205
H447177		1.30	6.24	<5	610	1.1	4	0.34	<0.5	1	11	4	0.54	10	1.56	10	0.01	383
H447178		0.90	5.04	<5	500	0.9	<2	0.24	<0.5	<1	17	6	0.51	10	1.45	10	0.02	200
H447179		<0.5	5.62	<5	360	0.7	2	0.09	<0.5	<1	13	<1	0.82	20	2.29	10	0.01	137
H447180		<0.5	4.97	<5	300	0.6	<2	0.06	<0.5	<1	16	<1	0.7	10	2.03	10	0.01	46
H447181		<0.5	5.63	<5	390	0.8	<2	0.04	<0.5	<1	13	<1	0.94	20	2.33	10	0.01	74
H447182		<0.5	5.79	5	370	0.8	<2	0.06	<0.5	<1	14	<1	0.77	20	2.39	10	0.01	119
H447183		<0.5	6.38	<5	370	0.8	<2	0.09	<0.5	<1	10	1	0.78	20	2.79	10	0.01	280
H447184		<0.5	6.37	<5	360	0.8	<2	0.12	<0.5	<1	7	1	0.76	20	2.77	10	0.01	357
H447185		<0.5	5.8	5	330	0.7	<2	0.07	<0.5	1	9	6	0.87	20	2.43	10	0.01	53
H447186		<0.5	6.52	<5	370	0.8	<2	0.09	<0.5	<1	9	2	0.86	20	2.75	10	0.01	204
H447187		<0.5	6.59	<5	460	0.8	<2	0.15	<0.5	<1	9	6	0.79	20	2.6	10	0.01	341
H447188		<0.5	6.05	<5	500	0.9	<2	0.11	<0.5	1	10	2	0.63	20	2.19	10	0.01	227
H447189		<0.5	6.31	6	470	0.8	<2	0.12	<0.5	1	22	2	0.83	20	2.31	10	0.02	264
H447190		<0.5	6.41	6	370	1.3	2	0.19	<0.5	1	8	<1	0.72	20	2.15	10	0.02	477
H447191		<0.5	6.53	6	400	1.2	<2	0.1	<0.5	<1	10	<1	0.8	20	2.06	10	0.02	339
H447192		<0.5	6.18	<5	290	0.8	<2	0.1	0.5	<1	9	<1	0.7	20	2.81	10	0.01	565
H447193		<0.5	6.26	<5	310	0.9	<2	0.09	<0.5	<1	9	<1	0.68	20	2.81	10	0.01	300

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447194		0.50	5.43	<5	280	0.8	<2	0.06	<0.5	<1	11	<1	0.66	20	2.39	10	0.01	47
H447195		<0.5	6.46	6	350	0.9	<2	0.07	<0.5	<1	9	<1	0.79	20	2.78	10	0.01	77
H447196		<0.5	6.21	<5	330	0.8	<2	0.09	0.6	<1	8	<1	0.73	20	2.67	10	0.01	252
H447197		<0.5	6.81	<5	350	0.9	<2	0.1	<0.5	<1	9	<1	0.75	20	3.03	10	0.01	285
H447198		<0.5	6.3	5	350	0.8	2	0.1	<0.5	<1	10	2	0.79	20	2.55	10	0.01	254
H447199		<0.5	6.05	<5	350	0.9	<2	0.06	<0.5	<1	11	1	0.72	20	2.27	10	0.01	132
H447200		<0.5	6.15	<5	300	0.8	3	0.07	<0.5	<1	9	<1	0.76	20	2.62	10	0.01	113
H447201		<0.5	6.81	<5	350	0.9	<2	0.07	<0.5	<1	9	<1	0.74	20	2.9	10	0.01	107
H447202		<0.5	6.82	<5	340	0.9	2	0.09	<0.5	<1	7	<1	0.66	20	2.9	10	0.01	178
H447203		<0.5	6.15	<5	370	0.9	<2	0.06	<0.5	<1	11	<1	0.72	20	2.59	10	0.01	62
H447204		<0.5	3.98	<5	240	0.5	2	0.05	<0.5	<1	17	<1	0.86	10	1.62	10	0.01	81
H447205		<0.5	5.58	<5	350	0.7	<2	0.08	0.9	<1	15	<1	0.8	20	2.36	10	0.01	172
H447206		<0.5	6.03	<5	320	0.8	<2	0.12	<0.5	<1	12	1	0.82	20	2.61	10	0.01	254
H447207		<0.5	4.57	<5	280	0.6	<2	0.05	<0.5	<1	17	<1	0.72	10	1.95	10	0.01	43
H447208		<0.5	6.12	<5	370	0.8	<2	0.06	<0.5	<1	10	<1	0.88	20	2.65	10	0.01	118
H447209		<0.5	6.25	<5	390	0.8	<2	0.09	<0.5	<1	8	<1	0.78	20	2.69	10	0.01	157
H447210		<0.5	5.91	<5	620	1	<2	0.06	<0.5	<1	12	<1	0.73	20	2.42	10	0.01	114
H447211		<0.5	5.35	<5	570	1	<2	0.06	0.6	1	14	1	0.95	20	1.9	10	0.04	91
H447212		<0.5	5.27	<5	550	1.1	2	0.04	<0.5	<1	14	<1	0.85	20	1.73	10	0.04	113
H447213		0.50	6.53	<5	540	1.3	<2	0.25	<0.5	<1	8	1	0.46	20	1.57	10	0.02	438
H447214		1.00	4.99	<5	530	1	3	0.14	1	<1	20	3	0.66	10	1.46	10	0.03	223
H447215		<0.5	6.37	<5	760	1.1	<2	0.12	<0.5	<1	9	5	0.83	20	2.38	10	0.03	224
H447216		<0.5	6.1	<5	730	1.2	<2	0.1	<0.5	1	18	3	0.81	20	2.03	10	0.04	255
H447217		0.80	6.14	<5	670	1.1	<2	0.11	<0.5	1	10	1	0.8	20	1.8	10	0.04	226
H447218		0.50	4.51	<5	550	0.9	<2	0.04	<0.5	<1	20	1	0.65	10	1.42	10	0.03	106
H447219		<0.5	3.65	<5	470	0.8	<2	0.04	<0.5	1	29	1	0.48	10	1.42	<10	0.03	78

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447220		<0.5	5.96	<5	830	0.9	<2	0.08	<0.5	<1	9	<1	0.71	20	2.53	10	0.02	135
H447221		<0.5	6.01	<5	1070	1	<2	0.09	0.7	1	10	<1	0.82	20	2.51	10	0.02	171
H447222		<0.5	6.4	<5	920	1	<2	0.1	<0.5	1	9	<1	0.81	20	2.69	10	0.02	234
H447223		<0.5	6.34	<5	900	1	2	0.14	<0.5	1	8	<1	0.79	20	2.59	10	0.01	363
H447224		<0.5	6.19	<5	710	1.2	<2	0.08	<0.5	<1	9	<1	0.75	20	2.13	10	0.03	223
H447225		0.90	5.25	<5	370	0.9	<2	0.13	<0.5	<1	13	3	0.68	10	1.41	10	0.02	254
H447226		0.60	6.4	<5	630	1.3	<2	0.07	1.6	<1	11	1	0.52	10	2.04	10	0.03	207
H447227		0.70	6.81	<5	720	1.2	<2	0.11	<0.5	<1	13	3	0.67	20	1.93	10	0.03	205
H447228		<0.5	6.07	<5	600	1.2	<2	0.05	3.7	1	12	2	0.87	20	1.87	10	0.09	185
H447229		0.90	6.33	<5	640	1.2	<2	0.16	<0.5	1	12	2	0.77	20	1.78	10	0.06	341
H447230		<0.5	6.04	<5	610	1.2	<2	0.06	<0.5	<1	10	<1	0.69	20	2.19	10	0.03	202
H447231		<0.5	5.21	<5	700	0.7	<2	0.06	<0.5	1	12	<1	0.55	10	2.06	10	0.02	209
H447232		<0.5	6.15	<5	670	1.3	<2	0.05	<0.5	<1	9	<1	0.81	20	2.43	10	0.03	173
H447233		0.50	4.6	<5	560	0.8	<2	0.05	<0.5	1	14	1	0.71	10	1.49	<10	0.03	191
H447234		<0.5	2.68	<5	220	0.6	<2	3.44	<0.5	10	47	15	3.38	10	1.35	<10	1.02	2120
H447235		<0.5	0.39	<5	40	<0.5	<2	1.12	<0.5	3	27	<1	1.31	<10	0.19	<10	0.26	962
H447236	42.9	2.10	1.6	13	140	<0.5	2	0.25	<0.5	8	65	8	2.81	<10	0.8	<10	0.13	464
H447237	16.6	<0.5	0.58	<5	50	<0.5	<2	0.68	<0.5	5	34	5	1.32	<10	0.28	<10	0.18	579
H447238	0.04	<0.5	5.5	<5	420	1.1	<2	0.19	<0.5	<1	13	9	1.19	20	1.16	10	0.03	328
H447239		0.80	6.05	<5	500	1.2	2	0.19	<0.5	<1	9	7	1.12	20	1.55	10	0.04	306
H447240		<0.5	5.36	<5	370	1.1	<2	0.18	<0.5	<1	10	10	0.91	10	1.06	10	0.02	196
H447241		<0.5	5.94	8	390	1.3	<2	0.24	<0.5	<1	41	8	0.96	10	1.11	10	0.02	221
H447242		<0.5	3.73	<5	200	0.6	<2	0.05	<0.5	<1	18	4	0.65	10	0.56	10	0.02	69
H447243		<0.5	5.05	5	350	0.9	<2	0.17	<0.5	<1	25	6	0.77	10	0.94	10	0.02	224
H447244		<0.5	6.22	7	470	1.3	<2	0.29	<0.5	<1	8	1	0.94	10	1.64	10	0.02	399
H447245		<0.5	5.89	<5	530	1.2	<2	0.34	<0.5	<1	11	3	0.96	10	1.67	10	0.03	358
H447246		0.80	5.53	<5	380	1	<2	0.19	<0.5	<1	8	5	0.9	10	1.23	10	0.02	257

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447247		<0.5	5.47	<5	410	1	<2	0.23	<0.5	<1	7	7	0.79	10	1.07	10	0.03	260
H447248		<0.5	6.67	<5	570	1.5	<2	0.33	<0.5	<1	8	3	0.92	10	2	10	0.04	403
H447249		0.60	6.22	<5	500	1.3	<2	0.36	<0.5	<1	8	6	0.87	10	1.7	10	0.03	394
H447250		0.50	5.96	<5	420	1.2	<2	0.31	<0.5	<1	8	7	1	10	1.18	10	0.02	300
H447251		<0.5	5.78	<5	420	1	<2	0.3	<0.5	<1	8	5	0.85	10	1.17	10	0.03	298
H447252		<0.5	5.81	<5	490	1.1	<2	0.4	<0.5	1	8	7	0.89	10	1.59	10	0.02	388
H447253		<0.5	5.6	5	470	1.3	<2	0.3	<0.5	1	6	7	0.87	10	1.54	10	0.02	369
H447254		<0.5	5.76	<5	490	1.3	<2	0.34	<0.5	<1	9	4	0.88	10	1.67	10	0.02	391
H447255		<0.5	6.28	<5	500	1.4	<2	0.2	<0.5	<1	8	2	1.03	10	1.69	10	0.02	437
H447256		0.90	5.85	7	420	1.1	<2	0.14	<0.5	1	9	5	1.01	10	1.44	10	0.02	229
H447257		0.60	6.04	<5	510	1.1	<2	0.34	<0.5	<1	9	6	1.11	20	1.59	10	0.02	434
H447258		<0.5	6.12	<5	540	1.2	<2	0.39	<0.5	<1	6	5	1.12	20	1.76	10	0.02	458
H447259		<0.5	6.02	<5	530	1.2	<2	0.42	<0.5	1	8	4	1.19	20	1.61	10	0.02	461
H447260		0.50	6.25	<5	520	1.3	<2	0.38	<0.5	1	8	4	1.08	20	1.6	10	0.03	421
H447261		<0.5	6.66	<5	620	1.5	<2	0.41	<0.5	2	10	10	1.29	20	1.74	10	0.07	441
H447262		<0.5	5.86	<5	580	1.1	<2	0.42	<0.5	1	9	3	0.9	10	1.72	10	0.02	419
H447263		<0.5	5.96	<5	560	1.1	<2	0.26	<0.5	1	7	3	0.94	10	1.7	10	0.02	383
H447264		<0.5	5.92	<5	570	1.1	<2	0.34	<0.5	1	8	2	0.89	10	1.75	10	0.02	433
H447265		0.50	6	<5	510	1.1	<2	0.24	<0.5	1	6	3	0.96	10	1.63	10	0.02	369
H447266		0.50	5.74	<5	550	1	<2	0.3	<0.5	2	9	2	0.91	10	1.66	10	0.02	408
H447267		<0.5	6.03	<5	500	1.2	<2	0.36	<0.5	1	9	3	1.02	10	1.41	10	0.02	415
H447268		<0.5	5.79	<5	450	1.1	<2	0.29	<0.5	1	9	5	0.91	10	1.4	10	0.02	391
H447269		<0.5	5.81	<5	580	1.1	<2	0.42	<0.5	1	9	3	0.89	10	1.73	10	0.02	431
H447270		0.80	5.91	<5	540	1.3	<2	0.35	<0.5	1	8	5	0.93	10	1.66	10	0.02	411
H447271		<0.5	6.01	<5	630	1.5	<2	0.31	<0.5	1	5	4	1.14	20	1.6	10	0.02	486
H447272		<0.5	6.11	<5	640	1.9	<2	0.4	0.6	3	8	5	1.05	20	1.49	10	0.02	513
H447273		<0.5	6.5	<5	620	1.7	<2	0.24	0.8	1	7	2	1.1	20	1.56	10	0.02	514
H447274		<0.5	5.82	<5	560	1.4	<2	0.27	<0.5	2	11	4	1.12	10	1.28	10	0.02	365
H447275		<0.5	5.22	<5	470	1.2	<2	0.15	<0.5	1	10	2	1.07	10	1.14	10	0.02	281
H447276		<0.5	5.81	<5	540	2.6	<2	0.11	<0.5	1	7	2	1.04	20	1.33	10	0.02	105
H447277		<0.5	5.66	<5	510	1.7	<2	0.24	<0.5	2	9	5	1.12	10	1.32	10	0.02	407
H447278		<0.5	5.78	<5	530	1.5	<2	0.22	<0.5	1	10	3	1.08	10	1.25	10	0.03	379
H447279		<0.5	5.8	<5	730	1.3	<2	0.26	<0.5	3	10	8	0.9	10	1.25	10	0.02	364

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447280		0.50	5.94	<5	930	1.1	<2	0.35	<0.5	1	9	4	0.88	10	1.56	10	0.02	426
H447281		<0.5	6.13	<5	1070	1.2	<2	0.32	<0.5	<1	10	5	0.91	10	1.91	10	0.02	404
H447282		1.60	5.98	<5	880	1.2	2	0.32	0.8	1	13	3	0.83	10	1.4	10	0.02	428
H447283		<0.5	6.35	<5	440	1	<2	0.08	<0.5	1	10	4	0.98	10	1.17	10	0.02	121
H447284		<0.5	6.09	6	650	1.2	<2	0.24	<0.5	1	10	5	0.92	10	1.33	10	0.02	357
H447285		<0.5	5.93	6	490	1.1	<2	0.33	<0.5	2	12	5	1.09	10	1.31	10	0.03	491
H447286		<0.5	6.4	<5	550	1.1	<2	0.33	<0.5	2	17	7	0.99	10	1.46	10	0.03	397
H447287		<0.5	6.14	5	590	1.2	<2	0.27	<0.5	2	7	4	0.99	10	1.71	10	0.02	354
H447288		<0.5	6.35	<5	540	1.2	<2	0.34	<0.5	1	7	4	0.99	10	1.75	10	0.02	464
H447289		<0.5	5.9	6	500	1.3	<2	0.44	0.5	<1	9	9	0.93	10	1.21	10	0.03	451
H447290		<0.5	5.99	<5	470	1.2	<2	0.4	<0.5	<1	9	6	1	10	1.42	10	0.02	434
H447291		<0.5	5.03	5	420	0.9	<2	0.12	<0.5	<1	9	2	0.72	10	1.08	10	0.02	254
H447292		<0.5	6.19	<5	520	1.1	<2	0.37	<0.5	1	6	6	0.93	10	1.33	10	0.02	444
H447293		<0.5	4.98	6	390	0.9	<2	0.21	<0.5	<1	11	3	0.85	10	1.03	10	0.02	283
H447294		<0.5	5.81	<5	490	1	<2	0.34	<0.5	1	10	10	0.9	10	1.17	10	0.02	348
H447295		<0.5	5.61	<5	430	0.9	<2	0.19	<0.5	1	10	5	0.96	10	1.18	10	0.02	229
H447296		<0.5	6.34	5	490	1.2	<2	0.13	<0.5	1	6	9	1.04	20	1.54	10	0.02	351
H447297		<0.5	6.22	5	490	1.2	<2	0.15	<0.5	1	9	4	1.12	20	1.58	10	0.02	290
H447298		<0.5	6	5	490	1	<2	0.19	<0.5	1	7	4	1.06	20	1.49	10	0.02	321
H447299		<0.5	6.3	<5	530	1.3	<2	0.13	<0.5	1	8	3	1.08	20	1.81	10	0.02	269
H447300		<0.5	5.66	<5	380	1	<2	0.21	<0.5	<1	8	7	1	10	1.21	10	0.02	297
H447301		<0.5	5.55	<5	390	1	<2	0.28	<0.5	1	6	9	0.99	20	1.14	10	0.02	343
H447302		<0.5	5.13	<5	320	0.9	<2	0.21	<0.5	1	11	7	0.93	10	0.91	10	0.02	235
H447303		<0.5	5.91	<5	350	1	<2	0.29	<0.5	1	11	3	0.59	10	1.04	10	0.03	299
H447304		<0.5	5.62	<5	250	1	<2	0.44	<0.5	1	8	1	0.31	10	0.69	10	0.01	309
H447305		<0.5	6.32	<5	400	1.2	<2	0.2	<0.5	2	9	4	1.08	20	1.11	10	0.02	323
H447306		<0.5	6.55	<5	490	1.3	<2	0.22	<0.5	2	8	6	1.17	20	1.5	10	0.02	346

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447307		<0.5	5.78	5	420	1	<2	0.17	<0.5	1	8	3	1	20	1.4	10	0.02	296
H447308		<0.5	5.75	<5	460	1.2	<2	0.22	<0.5	1	10	4	1.05	10	1.58	10	0.02	336
H447309		<0.5	6.17	<5	460	1.1	<2	0.1	<0.5	1	7	2	0.97	20	1.65	10	0.02	234
H447310		<0.5	6.01	<5	480	1.1	<2	0.27	<0.5	<1	7	6	1.15	20	1.42	10	0.02	415
H447311		0.50	5.55	<5	440	1	<2	0.15	<0.5	1	10	13	1.01	20	1.18	10	0.03	209
H447312		0.80	6.49	<5	520	1.3	<2	0.29	<0.5	1	7	3	1.12	20	1.64	10	0.02	352
H447313		<0.5	3.55	<5	200	0.5	<2	0.04	<0.5	2	14	5	0.68	10	0.54	<10	0.02	40
H447314		<0.5	6.69	5	460	1.5	<2	0.49	<0.5	1	7	12	0.75	20	1.5	10	0.03	364
H447315		3.80	5.28	<5	380	1	7	0.12	<0.5	1	8	1	0.83	10	1.15	10	0.02	175
H447316		<0.5	5.93	<5	420	1.1	<2	0.08	<0.5	1	8	1	1.1	20	1.36	10	0.02	89
H447317		<0.5	6.14	11	400	1.1	<2	0.2	<0.5	1	6	4	0.99	20	1.46	10	0.02	383
H447318		<0.5	6.3	<5	560	1.3	<2	0.2	<0.5	1	8	3	1	20	1.87	10	0.02	411
H447319		<0.5	5.95	7	510	1.2	<2	0.13	<0.5	1	6	5	1.05	20	1.6	10	0.02	341
H447320		<0.5	4.65	<5	380	0.9	<2	0.11	<0.5	<1	11	2	0.78	10	1.02	10	0.02	236
H447321		<0.5	6.52	7	700	1.3	<2	0.13	<0.5	1	9	4	0.99	20	1.79	10	0.03	239
H447322		<0.5	6.6	<5	620	1.3	<2	0.19	<0.5	<1	10	3	1.09	20	1.67	10	0.02	323
H447323		<0.5	5.31	<5	480	0.9	<2	0.03	<0.5	<1	13	2	0.86	10	1.33	10	0.03	63
H447324		0.50	6.46	<5	540	1.2	<2	0.16	<0.5	1	8	5	1.14	20	1.55	10	0.03	245
H447325		2.20	5.29	<5	560	1.2	3	0.11	<0.5	<1	16	2	1.02	10	1.74	10	0.03	193
H447326		<0.5	5.24	<5	560	1.3	<2	0.06	<0.5	1	10	2	0.91	20	1.92	10	0.03	135
H447327		0.90	6.56	<5	580	1.3	<2	0.11	<0.5	<1	13	2	1.11	20	2.07	10	0.02	394
H447328		0.50	6.28	<5	580	1.2	<2	0.15	<0.5	1	8	2	1.02	20	1.73	10	0.02	298
H447329		<0.5	5.94	<5	470	1.1	<2	0.23	<0.5	<1	10	8	1.08	20	1.41	10	0.02	376
H447330		0.50	6.28	<5	510	1	<2	0.27	<0.5	<1	13	4	1.13	20	1.39	10	0.02	405
H447331		0.50	2.12	<5	190	<0.5	2	0.02	<0.5	1	13	2	0.54	10	0.59	<10	0.01	41
H447332		0.50	4.39	<5	480	1	<2	0.06	<0.5	2	17	2	0.87	10	1.48	10	0.03	130
H447333		0.50	3.91	<5	390	0.8	<2	0.03	<0.5	2	21	3	0.82	10	1.2	10	0.02	85
H447334		0.70	3.71	<5	310	0.8	<2	0.08	<0.5	2	19	1	0.48	10	1.11	10	0.02	120
H447335		1.60	5.06	<5	420	0.9	<2	0.08	0.8	2	10	8	0.84	10	1.09	10	0.03	63

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447336		2.60	5.61	<5	330	0.9	<2	0.05	<0.5	2	10	4	0.74	10	1.02	10	0.02	77
H447337		<0.5	6.23	<5	390	1.1	<2	0.17	<0.5	1	8	7	1.02	10	1.26	10	0.02	254
H447338		0.70	5.97	<5	540	1.1	<2	0.15	<0.5	2	12	2	1.06	10	1.35	10	0.02	245
H447339		0.60	5.29	<5	410	1	<2	0.07	<0.5	1	9	5	0.98	10	1.37	10	0.03	141
H447340		0.60	5.51	8	520	1.3	<2	0.13	<0.5	1	13	2	0.96	10	1.9	10	0.04	221
H447341		0.80	6.13	<5	520	1.1	<2	0.24	<0.5	1	10	4	1.02	20	1.76	10	0.02	490
H447342		<0.5	6.27	<5	590	1.1	<2	0.41	<0.5	<1	7	4	0.99	20	1.86	10	0.02	572
H447343		<0.5	5.95	<5	490	1.1	<2	0.26	<0.5	1	8	5	1.03	10	1.56	10	0.02	445
H447344		<0.5	6.31	<5	520	1.2	<2	0.34	<0.5	<1	8	4	1.14	20	1.64	10	0.02	441
H447345		<0.5	6.24	<5	540	1.2	<2	0.33	<0.5	1	7	6	1.08	20	1.6	10	0.02	395
H447346		<0.5	5.64	7	450	1	<2	0.13	<0.5	<1	10	11	0.86	20	1.23	10	0.03	179
H447347		<0.5	5.28	<5	440	0.9	<2	0.16	<0.5	<1	10	9	0.71	10	1.13	10	0.03	136
H447348		<0.5	4.41	<5	550	1.2	<2	0.03	<0.5	<1	12	2	0.75	10	1.77	10	0.04	79
H447349		<0.5	4.09	<5	470	1	<2	0.06	<0.5	1	10	1	0.69	10	1.52	10	0.03	144
H447350		<0.5	3.49	<5	440	0.9	<2	0.03	<0.5	1	15	2	0.66	10	1.37	10	0.02	85
H447351		<0.5	4.55	<5	500	1	<2	0.08	<0.5	1	16	2	0.8	10	1.39	10	0.02	190
H447352		0.70	2.49	<5	230	0.5	<2	0.02	<0.5	<1	15	2	0.64	10	0.65	<10	0.01	72
H447353		0.50	7.08	12	560	1.6	<2	0.11	<0.5	1	4	16	1.57	10	1.47	10	0.03	49
H447354		<0.5	5.77	6	530	1.3	<2	0.19	<0.5	1	8	2	1.06	20	1.8	10	0.03	337
H447355		<0.5	4.83	<5	490	1	<2	0.08	<0.5	<1	15	3	0.75	10	1.32	10	0.03	203
H447356		0.80	2.38	<5	320	0.6	<2	0.02	<0.5	1	17	2	0.49	10	0.86	<10	0.02	56
H447357		<0.5	6.93	<5	740	1.6	<2	0.32	<0.5	<1	9	2	1.12	20	1.99	10	0.03	451
H447358		<0.5	6.88	<5	680	1.7	2	0.4	<0.5	<1	9	2	1.18	20	1.92	10	0.03	487
H447359		<0.5	6.28	<5	610	1.2	<2	0.28	<0.5	<1	10	2	1.01	10	1.59	10	0.03	362
H447360		<0.5	6.2	5	830	1.1	<2	0.24	<0.5	<1	8	5	0.92	10	1.53	10	0.02	275
H447361		0.60	5.56	<5	390	0.9	<2	0.08	<0.5	1	9	7	1.07	10	1.06	10	0.02	139
H447362		<0.5	4.02	<5	320	0.7	<2	0.07	<0.5	1	13	2	0.84	10	0.96	10	0.02	150
H447363		<0.5	4.94	<5	400	0.9	<2	0.09	<0.5	2	8	3	0.91	10	1.21	10	0.02	223
H447364		<0.5	6.81	<5	570	1.3	<2	0.4	<0.5	2	7	4	0.99	20	1.8	10	0.04	514
H447365		1.20	5.52	<5	450	0.9	3	0.33	<0.5	<1	9	10	1.02	10	1.06	10	0.02	423
H447366		<0.5	5.54	5	400	1	2	0.35	<0.5	1	11	3	0.93	10	1.14	10	0.02	439

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447367		<0.5	6.74	<5	680	1.3	3	0.34	<0.5	<1	15	4	1.13	20	1.83	10	0.03	439
H447368		0.70	5.99	5	540	1	<2	0.23	<0.5	<1	11	14	1.01	20	1.36	10	0.03	247
H447369		0.50	4.85	5	470	1.1	2	0.16	<0.5	<1	15	2	0.88	10	1.48	10	0.02	204
H447370		<0.5	2.22	<5	280	0.6	<2	0.01	<0.5	<1	19	1	0.52	10	0.93	<10	0.01	35
H447371		0.50	3.4	<5	330	0.6	<2	0.04	<0.5	<1	15	7	0.56	<10	0.76	<10	0.03	66
H447372		2.80	5.83	<5	500	1	2	0.15	<0.5	1	13	5	1.05	10	1.35	10	0.03	155
H447373		<0.5	2.62	<5	290	0.5	<2	0.02	<0.5	1	29	<1	0.53	<10	0.7	<10	0.02	27
H447374		2.00	4.16	<5	350	0.6	3	0.12	<0.5	<1	18	8	0.76	10	0.84	10	0.03	123
H447375		0.50	5.12	<5	400	0.8	<2	0.16	<0.5	1	17	6	0.8	10	1.06	10	0.03	199
H447376		0.50	1.45	6	140	<0.5	<2	0.02	<0.5	1	17	2	0.64	<10	0.36	<10	0.01	32
H447377		<0.5	0.68	<5	80	<0.5	<2	<0.01	<0.5	<1	23	1	0.38	<10	0.22	<10	0.01	17
H447378		1.00	6.03	<5	470	1.2	<2	0.35	0.6	1	11	2	0.99	20	1.63	10	0.02	438
H447379		1.50	6.15	<5	480	1.2	<2	0.29	<0.5	<1	13	1	1.12	20	1.66	10	0.02	370
H447380		<0.5	5.17	<5	530	1.3	<2	0.23	<0.5	<1	13	1	0.97	10	1.9	10	0.02	326
H447381		<0.5	6.24	5	560	1.2	<2	0.28	<0.5	<1	8	6	1	10	1.63	10	0.03	421
H447382		<0.5	1.5	<5	150	<0.5	<2	0.04	<0.5	<1	18	1	0.4	<10	0.36	<10	0.01	109
H447383		<0.5	6.42	<5	700	1.3	<2	0.34	<0.5	<1	9	6	0.79	10	1.53	10	0.02	535
H447384		<0.5	3.5	<5	300	0.6	<2	0.19	<0.5	<1	13	6	0.55	10	0.67	10	0.01	278
H447385		<0.5	5.31	<5	560	1.1	<2	0.17	<0.5	<1	13	1	0.63	10	1.49	10	0.03	282
H447386		1.80	4.94	<5	540	1.1	3	0.14	5.9	<1	12	1	0.94	10	1.6	10	0.03	260
H447387		<0.5	3.26	5	380	0.9	<2	0.02	<0.5	1	16	2	0.75	10	1.34	<10	0.02	81
H447388		<0.5	0.56	<5	90	<0.5	<2	<0.01	<0.5	<1	18	<1	0.38	<10	0.22	<10	0.01	24
H447389		0.9	6.39	<5	790	1.1	<2	0.13	<0.5	1	11	43	0.9	20	1.76	10	0.04	255
H447390		0.7	6.68	<5	980	1.1	<2	0.14	<0.5	1	6	7	0.84	20	2.06	10	0.02	328
H447391		0.6	6.6	<5	870	1.2	3	0.11	<0.5	1	9	4	0.82	20	2	10	0.02	149
H447392		0.5	6.14	<5	810	1.1	2	0.13	<0.5	<1	8	2	0.82	10	1.84	10	0.02	257
H447393		0.9	6.29	<5	670	1	<2	0.07	<0.5	<1	7	6	0.72	20	1.38	10	0.02	207
H447394		1	4.91	<5	480	0.7	3	0.05	<0.5	1	8	3	0.57	10	0.99	10	0.02	122
H447395		1.1	4.62	<5	520	0.7	<2	0.06	<0.5	<1	11	3	0.66	10	1.17	10	0.01	65
H447396		1	6.69	<5	830	1.3	4	0.14	<0.5	<1	8	2	0.8	20	1.81	10	0.02	273

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447397		<0.5	5.76	<5	770	1.3	2	0.06	<0.5	1	9	1	0.74	20	1.9	10	0.03	210
H447398		0.6	5.92	<5	840	1.2	<2	0.07	0.5	1	11	4	0.88	10	1.93	10	0.02	136
H447399		0.9	6.63	<5	790	1.2	2	0.08	<0.5	1	6	6	0.74	10	1.71	10	0.02	302
H447400		1.8	6.39	<5	830	1	2	0.19	<0.5	1	7	13	0.79	20	1.71	10	0.02	358
H447401		2.3	6.36	<5	780	1	3	0.21	<0.5	<1	11	7	0.75	10	1.78	10	0.02	303
H447402		0.7	5.66	<5	640	0.9	<2	0.2	2.7	<1	8	6	0.8	20	1.44	10	0.02	263
H447403		0.9	5.86	<5	740	1	4	0.14	0.9	<1	10	5	0.7	10	1.61	10	0.02	266
H447404		4.3	5.91	<5	920	0.9	8	0.17	1.5	<1	6	9	0.71	10	1.8	10	0.02	265
H447405		1.1	6.32	<5	820	1	2	0.24	1	1	9	13	0.65	20	1.76	10	0.02	316
H447406		1.1	5.97	<5	740	1.1	<2	0.19	<0.5	<1	6	9	0.83	10	1.69	10	0.02	316
H447407		0.5	6.13	<5	910	1	<2	0.17	<0.5	<1	9	7	0.74	10	1.81	10	0.01	280
H447408		0.6	6.08	<5	780	1.3	3	0.07	<0.5	<1	7	1	0.68	10	1.87	10	0.02	334
H447409		0.9	5.15	<5	570	0.8	<2	0.1	<0.5	<1	10	4	0.53	10	1.16	10	0.01	102
H447410		1	3.98	<5	490	0.6	4	0.06	<0.5	1	10	3	0.65	10	1.01	<10	0.01	90
H447411		0.5	5.46	<5	700	0.8	<2	0.13	<0.5	1	8	5	0.62	10	1.38	10	0.01	55
H447412		0.7	5.3	<5	650	0.8	<2	0.13	<0.5	1	9	12	0.73	10	1.2	10	0.01	67
H447413		<0.5	4.43	<5	530	0.7	<2	0.09	<0.5	1	14	3	0.52	10	1.05	10	0.01	52
H447414		<0.5	2.94	<5	360	0.5	<2	0.05	<0.5	1	17	2	0.52	10	0.7	<10	0.01	45
H447415		<0.5	1.24	<5	150	<0.5	<2	0.01	<0.5	<1	25	2	0.41	<10	0.26	<10	0.01	34
H447416		0.5	5.46	<5	690	0.9	2	0.03	<0.5	<1	13	3	0.61	10	1.32	10	0.02	75
H447417		<0.5	1.84	<5	220	<0.5	<2	0.02	<0.5	1	21	2	0.39	<10	0.43	<10	0.01	33
H447418		0.7	4.49	5	630	0.8	<2	0.07	<0.5	1	15	3	0.78	10	1.15	10	0.01	59
H447419		<0.5	6.26	<5	1230	1	<2	0.15	<0.5	1	6	11	0.71	20	2.18	10	0.01	216
H447420		0.6	5.87	<5	1020	1	<2	0.15	<0.5	<1	7	6	0.71	20	1.7	10	0.01	153
H447421		0.9	5.97	<5	900	1	<2	0.15	<0.5	1	6	9	0.73	20	1.54	10	0.01	233
H447422		0.5	5.81	<5	1030	1	<2	0.13	<0.5	<1	8	7	0.77	20	1.86	10	0.01	177
H447423		<0.5	6.09	<5	880	1.1	<2	0.11	<0.5	<1	7	3	0.7	20	1.65	10	0.01	134
H447424		0.8	5.61	<5	770	0.8	<2	0.08	<0.5	<1	9	7	0.65	10	1.74	10	0.01	77
H447425		1.7	5.95	<5	1120	0.9	<2	0.14	<0.5	<1	7	15	0.69	10	2.09	10	0.01	284
H447426		<0.5	6.26	<5	740	1	<2	0.09	<0.5	<1	9	3	0.7	10	1.59	10	0.02	192
H447427		<0.5	4.73	<5	520	0.6	<2	0.04	<0.5	<1	10	1	0.42	10	0.75	<10	0.01	105
H447428		<0.5	0.46	<5	80	<0.5	<2	0.01	<0.5	1	29	2	0.49	<10	0.12	<10	<0.01	39
H447429		<0.5	1.59	<5	180	<0.5	<2	0.03	<0.5	<1	16	2	0.38	<10	0.33	<10	<0.01	36
H447430		<0.5	5.87	<5	760	1	<2	0.14	<0.5	1	8	6	0.8	20	1.33	10	0.01	308

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447431		0.7	6.09	<5	750	1	<2	0.06	<0.5	<1	7	13	0.72	20	1.32	10	0.02	137
H447432		1.1	6.17	<5	750	1	<2	0.04	<0.5	1	8	7	0.69	20	1.45	10	0.02	180
H447433		0.7	6.16	<5	750	0.9	<2	0.1	<0.5	<1	12	6	0.76	20	1.26	10	0.02	247
H447434		0.9	5.67	<5	680	0.8	<2	0.06	<0.5	<1	14	5	0.59	20	1.24	10	0.02	193
H447435		1.5	5.99	<5	680	0.9	2	0.06	<0.5	<1	11	4	0.71	20	1.16	10	0.02	179
H447436		1.1	5.63	<5	730	0.8	2	0.09	<0.5	<1	27	4	0.88	10	1.21	10	0.02	128
H447437		<0.5	2.37	<5	410	<0.5	<2	0.05	<0.5	1	22	4	0.45	10	0.7	<10	<0.01	119
H447438		0.6	3.88	<5	630	0.5	<2	0.06	<0.5	1	21	3	0.46	10	1.19	10	0.01	126
H447439		1	5.35	<5	600	0.8	<2	0.08	<0.5	1	9	8	0.63	10	1.54	10	0.01	148
H447440		0.8	4.79	<5	740	0.7	<2	0.07	<0.5	<1	13	3	0.48	10	1.55	10	0.01	133
H447441		<0.5	5.31	<5	890	0.8	<2	0.11	<0.5	<1	11	4	0.56	10	1.55	10	0.01	193
H447442		<0.5	6.55	<5	1050	1.2	<2	0.12	<0.5	<1	7	6	0.88	20	2.09	10	0.03	276
H447443		1.1	5.67	<5	610	1	<2	0.12	<0.5	<1	8	5	0.71	10	1.54	10	0.02	279
H447444		<0.5	5.69	<5	710	0.9	<2	0.13	<0.5	1	12	4	0.87	20	1.62	10	0.01	234
H447445		<0.5	5.83	<5	790	1	<2	0.11	<0.5	1	13	5	0.92	10	1.81	10	0.03	222
H447446		<0.5	6	<5	710	1.1	<2	0.11	<0.5	<1	8	3	0.87	20	1.69	10	0.02	222
H447447		1	6.09	<5	810	1	3	0.15	<0.5	1	9	12	1.04	20	1.61	10	0.02	200
H447448		0.5	5.93	<5	910	1	<2	0.14	<0.5	<1	7	8	0.88	10	1.69	10	0.01	263
H447449		<0.5	4.88	<5	550	0.8	<2	0.04	<0.5	<1	11	2	0.61	10	1.19	10	0.02	131
H447450		<0.5	5.71	<5	590	0.9	<2	0.12	<0.5	<1	8	3	0.69	10	1.17	<10	0.02	151
H447451		<0.5	2.09	<5	270	<0.5	<2	0.03	<0.5	1	27	6	0.57	<10	0.5	10	0.01	41
H447452		<0.5	0.64	<5	120	<0.5	<2	<0.01	<0.5	1	26	4	0.53	<10	0.2	<10	0.01	34
H447453		<0.5	0.12	<5	30	<0.5	<2	<0.01	<0.5	<1	27	3	0.45	<10	0.05	<10	<0.01	26
H447454		<0.5	6.14	<5	580	0.9	<2	0.16	1.2	1	18	8	0.95	20	1.16	10	0.02	323
H447455		4.7	3.94	<5	630	0.9	10	0.03	4.1	1	15	4	0.73	10	1.52	10	0.03	110
H447456		<0.5	4.85	<5	590	0.8	<2	0.04	<0.5	<1	15	2	0.67	10	1.27	10	0.02	92
H447457		1.7	6.49	<5	630	1	<2	0.2	<0.5	1	8	9	0.68	20	1.38	10	0.02	323
H447458		1.1	5.95	<5	630	0.9	<2	0.1	<0.5	<1	10	13	0.76	20	1.18	10	0.02	237
H447459		1.4	3.97	5	480	0.6	<2	0.03	<0.5	1	16	8	1.05	10	0.84	10	0.02	55
H447460		1.1	4.41	<5	360	0.6	<2	0.08	<0.5	<1	16	8	0.63	10	0.89	10	0.01	85
H447461		0.9	6.23	<5	680	1	<2	0.27	<0.5	1	11	15	0.58	10	1.29	10	0.02	252
H447462		0.8	6.48	<5	730	1	<2	0.26	<0.5	1	14	13	0.76	20	1.3	10	0.02	277

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447463		1.1	5.92	<5	1100	0.7	<2	0.13	<0.5	1	9	34	0.72	10	2.3	10	0.02	171
H447464		<0.5	6.25	<5	980	0.9	<2	0.17	<0.5	2	15	14	0.8	20	2.22	10	0.02	271
H447465		<0.5	6.22	<5	1360	0.9	<2	0.17	<0.5	<1	10	19	0.68	20	2.61	10	0.01	348
H447466		<0.5	6.13	<5	950	0.9	<2	0.11	<0.5	1	12	8	0.68	20	2.08	10	0.02	219
H447467		<0.5	6.61	<5	1090	1	<2	0.16	<0.5	1	8	9	0.81	20	2.42	10	0.02	351
H447468		<0.5	6.06	<5	1200	0.8	<2	0.13	<0.5	1	10	13	0.72	10	2.28	10	0.01	287
H447469		<0.5	3.37	<5	570	0.5	<2	0.05	<0.5	1	19	8	0.49	10	1.12	<10	0.01	106
H447470		0.5	4.82	<5	1120	0.6	2	0.1	<0.5	1	21	5	0.58	10	1.82	10	0.01	54
H447471		<0.5	5.91	<5	850	0.9	<2	0.08	<0.5	1	9	5	0.76	10	1.82	10	0.01	76
H447472		<0.5	6.26	<5	1150	0.9	2	0.1	<0.5	3	9	14	0.73	10	2.26	10	0.01	172
H447473		0.6	5.59	<5	1020	0.7	2	0.09	<0.5	4	9	18	0.61	10	1.88	10	0.01	155
H447474		<0.5	5.97	<5	780	0.9	<2	0.1	0.6	1	11	8	0.62	10	1.79	10	0.02	218
H447475		<0.5	6.32	<5	1030	0.9	2	0.1	0.5	3	9	11	0.72	10	2.07	10	0.01	143
H447476		<0.5	6.23	<5	1220	0.9	<2	0.13	<0.5	2	9	11	0.71	10	2.27	10	0.01	178
H447477		<0.5	3.96	<5	780	0.6	<2	0.08	<0.5	2	12	10	0.59	10	1.39	10	0.01	85
H447478		<0.5	6.1	<5	1570	0.8	<2	0.14	<0.5	6	9	29	0.56	10	2.36	10	0.01	93
H447479		<0.5	6.23	<5	990	0.9	<2	0.12	<0.5	3	9	10	0.84	10	2.35	10	0.01	218
H447480		<0.5	6.23	<5	1160	1	4	0.15	<0.5	3	9	15	0.65	10	2.25	10	0.02	152
H447481		<0.5	6.1	<5	1210	0.9	<2	0.14	<0.5	4	8	21	0.56	10	2.25	10	0.02	171
H447482		<0.5	5.77	<5	760	0.9	2	0.08	<0.5	3	9	12	0.59	10	1.78	10	0.01	101
H447483		<0.5	6.32	<5	1120	0.9	2	0.11	<0.5	3	7	14	0.63	20	2.26	10	0.01	106
H447484		<0.5	6.28	<5	1000	1	3	0.1	<0.5	1	8	6	0.6	10	2.1	10	0.01	146
H447485		4.8	5.51	<5	830	0.8	11	0.1	<0.5	1	7	4	0.41	10	1.68	10	0.01	181
H447486		1	5.8	<5	500	1	<2	0.11	<0.5	2	11	16	0.63	20	1.22	10	0.01	202
H447487		1.5	4.45	<5	420	0.7	2	0.04	<0.5	2	14	11	0.59	10	0.96	<10	0.02	70
H447488		<0.5	5.92	<5	560	1	<2	0.1	<0.5	1	12	11	0.63	20	1.24	10	0.03	144
H447489		0.5	5.08	<5	430	0.7	2	0.07	<0.5	2	19	20	0.57	10	1.03	10	0.04	102
H447490		<0.5	1.9	<5	180	<0.5	<2	0.02	<0.5	2	24	8	0.41	10	0.38	<10	0.01	37
H447491		<0.5	4.59	<5	410	0.7	<2	0.05	<0.5	1	18	7	0.41	10	0.86	<10	0.02	96
H447492		1.1	6.45	<5	690	1.2	2	0.07	<0.5	2	11	14	0.72	20	1.53	10	0.02	145
H447493		1.7	5.59	<5	570	0.9	3	0.06	<0.5	1	12	6	0.59	10	1.24	10	0.02	108
H447494		1.2	5.67	<5	550	0.9	<2	0.1	<0.5	1	11	6	0.64	10	1.24	10	0.02	193

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
OESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H447495		0.7	6.09	<5	800	1.5	<2	0.15	<0.5	1	13	15	0.75	20	2.24	10	0.03	255
H447496		0.8	5.11	<5	470	1	2	0.19	0.5	<1	13	6	0.67	10	1.04	10	0.01	276
H447497		0.7	5.81	<5	640	1	<2	0.09	<0.5	1	16	6	0.69	10	1.33	10	0.02	205
H447498		0.5	6.41	<5	680	1.1	3	0.17	<0.5	1	11	11	0.8	20	1.43	10	0.02	266
H447499		<0.5	6.26	<5	710	1.2	<2	0.16	<0.5	1	8	6	0.77	20	1.45	10	0.02	317
H447500		0.5	6.38	<5	720	1.2	2	0.12	<0.5	<1	17	5	0.88	20	1.52	10	0.02	239
H449501		<0.5	5.73	<5	590	1.1	2	0.1	<0.5	1	14	5	0.72	10	1.23	10	0.02	171
H449502		0.8	4.42	<5	460	0.8	<2	0.06	<0.5	<1	14	3	0.67	10	0.94	<10	0.01	50
H449503		<0.5	6.56	<5	710	1.3	2	0.09	<0.5	<1	8	3	0.86	20	1.53	10	0.02	131
H449504		0.8	0.14	<5	30	<0.5	2	<0.01	<0.5	1	32	5	0.68	<10	0.06	<10	<0.01	27
H449505		<0.5	0.21	<5	40	<0.5	<2	0.01	<0.5	<1	22	2	0.36	<10	0.09	<10	0.01	28
H449506		0.5	4.71	<5	460	0.9	2	0.07	<0.5	<1	14	5	0.66	10	1	10	0.02	112
H449507		0.9	5.79	<5	640	1.1	<2	0.1	<0.5	<1	7	4	0.73	10	1.47	10	0.02	248
H449508		1.3	3.4	<5	490	0.8	2	0.02	<0.5	<1	12	2	0.82	10	1.12	<10	0.02	78
H449509		<0.5	4.78	<5	410	0.7	<2	0.05	<0.5	<1	12	2	0.56	10	0.96	10	0.02	75
H449510		<0.5	4.65	<5	430	0.8	<2	0.07	<0.5	1	8	4	0.49	10	0.87	<10	0.01	90
H449511		11.9	3.14	<5	310	0.6	25	0.05	<0.5	1	13	4	0.43	10	0.72	<10	0.01	132
H449512		<0.5	1.89	<5	170	<0.5	<2	0.04	<0.5	1	14	3	0.35	<10	0.38	<10	0.01	68
H449513		<0.5	5.34	<5	690	1.1	2	0.04	<0.5	1	16	3	0.65	10	1.61	<10	0.05	82
H449514		0.9	6.27	<5	660	1.2	2	0.11	<0.5	<1	12	7	0.81	20	1.42	10	0.03	226
H449515		2.2	5.68	<5	550	1	4	0.08	<0.5	<1	20	7	0.75	20	1.22	10	0.03	179
H449516		3	6.38	<5	790	1.3	7	0.13	0.6	1	11	7	0.8	20	1.59	10	0.02	189
H449517		1.8	6.51	<5	810	1.5	4	0.17	<0.5	<1	13	6	0.81	20	1.66	10	0.02	252
H449518		<0.5	3.28	<5	430	0.8	<2	0.04	<0.5	1	22	1	0.59	10	1.11	<10	0.02	97
H449519		6.5	2.56	<5	550	0.6	5	0.01	<0.5	<1	30	5	0.66	10	1.1	10	0.07	36
H449520		7.2	2.85	<5	480	0.9	12	0.04	<0.5	1	25	3	0.75	10	1.35	10	0.07	78
H449521		0.5	1.35	<5	230	<0.5	<2	0.01	<0.5	1	41	2	0.41	10	0.6	<10	0.03	38
H449522		0.5	1.3	<5	210	<0.5	2	0.01	<0.5	<1	27	1	0.38	<10	0.51	<10	0.02	33
H449523		0.6	5.54	<5	570	1	<2	0.06	<0.5	<1	13	2	0.74	10	1.41	10	0.03	69

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H449524		2.8	5.13	<5	850	1.3	3	0.22	0.5	1	18	31	1.86	20	2.24	30	0.09	293
H449525		0.5	6.79	<5	720	1.6	<2	0.31	0.5	<1	11	5	0.99	20	1.76	10	0.06	311
H449526		2	6.14	<5	630	1.2	5	0.15	<0.5	1	14	4	0.9	20	1.46	10	0.03	172
H449527		4.4	5.4	<5	570	1.1	10	0.08	<0.5	1	20	4	0.8	10	1.37	10	0.03	133
H449528		2.5	6.71	<5	750	1.4	3	0.14	0.8	<1	9	4	1.05	20	1.75	30	0.04	178
H449529		1.1	6.32	<5	730	1.2	3	0.1	<0.5	<1	8	4	0.76	20	1.59	10	0.03	96
H449530		3.5	5.91	<5	660	1.1	6	0.07	<0.5	<1	12	2	0.8	20	1.51	10	0.03	83
H449531	106	15.9	1.91	<5	230	<0.5	12	0.03	<0.5	<1	27	1	0.35	10	0.51	<10	0.01	44
H449532		1.2	5.96	<5	770	1.1	4	0.13	<0.5	<1	10	5	0.6	20	1.44	10	0.01	120
H449533		<0.5	6.48	<5	1220	1.1	<2	0.15	<0.5	<1	8	5	0.68	20	2.26	10	0.01	162
H449534		0.7	6.08	<5	830	1	2	0.14	<0.5	<1	10	8	0.58	10	1.36	10	0.01	233
H449535		0.9	5.51	<5	780	1.2	3	0.07	<0.5	1	16	2	0.71	10	1.69	10	0.02	153
H449536		<0.5	7.3	<5	60	<0.5	<2	6.17	<0.5	39	77	137	8.4	20	0.2	<10	3.35	1650
H449537		<0.5	7.79	<5	60	<0.5	<2	6.94	<0.5	41	75	111	8.18	20	0.21	<10	3.21	1615
H449538		<0.5	7.49	5	60	<0.5	<2	6.86	<0.5	41	77	112	8.31	20	0.23	<10	3.28	1620
H449539		<0.5	7.73	<5	60	<0.5	<2	6.47	<0.5	42	79	137	8.89	20	0.24	<10	3.51	1675
H449540		<0.5	7.45	<5	110	<0.5	<2	6.67	<0.5	41	75	128	8.3	20	0.36	<10	3.18	1615
H449541		<0.5	7.46	<5	100	<0.5	<2	6.02	<0.5	39	68	131	8.49	20	0.34	<10	3.38	1615
H449542		<0.5	7.59	<5	90	<0.5	<2	6	<0.5	41	70	122	8.32	20	0.26	<10	3.33	1630
H449543		<0.5	7.74	<5	80	<0.5	<2	6.64	<0.5	39	69	132	8.22	20	0.3	<10	3.2	1565
H449544		<0.5	7.86	<5	80	<0.5	<2	5.61	<0.5	41	74	132	8.87	20	0.29	<10	3.52	1750
H449545		<0.5	7.76	<5	70	<0.5	<2	6.35	<0.5	42	73	155	8.87	20	0.27	<10	3.34	1740
H449546		<0.5	7.6	<5	70	<0.5	<2	6.13	<0.5	40	68	153	8.44	20	0.25	<10	3.24	1625
H449547		<0.5	7.5	<5	80	<0.5	<2	6.43	<0.5	42	69	131	8.68	20	0.32	<10	3.3	1640
H449548		<0.5	7.61	6	90	<0.5	<2	5.97	<0.5	41	73	142	8.53	20	0.37	<10	3.12	1520
H449549		<0.5	7.67	<5	200	0.7	<2	4.08	<0.5	31	59	54	6.63	20	0.66	10	2.2	1285
H449550		<0.5	7.56	6	110	0.5	<2	5.5	<0.5	43	71	125	8.14	20	0.31	<10	3.23	1435
H449551		<0.5	8.16	<5	90	0.5	<2	5.93	<0.5	45	91	133	8.66	20	0.29	<10	3.33	1570
H449552		<0.5	7.66	<5	90	<0.5	<2	5.42	<0.5	42	72	108	8.05	20	0.27	<10	3.13	1470
H449553		<0.5	7.63	<5	120	<0.5	<2	6.03	<0.5	42	70	126	8.44	20	0.38	<10	3.18	1555
H449554		<0.5	7.74	<5	100	0.5	<2	5.82	<0.5	43	71	124	8.74	20	0.35	<10	3.19	1555
H449555		<0.5	7.37	5	100	<0.5	<2	5.8	<0.5	40	68	106	8.27	20	0.33	<10	3.06	1590
H449556		<0.5	7.79	<5	90	<0.5	<2	6.38	<0.5	42	68	126	8.73	20	0.3	<10	3.18	1590
H449557		<0.5	7.73	<5	70	<0.5	<2	6.12	<0.5	41	69	104	8.84	20	0.28	<10	3.24	1690
H449558		<0.5	7.42	<5	70	<0.5	<2	5.55	<0.5	40	68	82	9.26	20	0.26	<10	3.36	1945
H449559		<0.5	7.45	<5	80	<0.5	<2	4.99	<0.5	42	73	114	8.89	20	0.26	<10	3.31	1590
H449560		<0.5	7.48	<5	110	<0.5	<2	5.91	<0.5	42	67	117	8.8	20	0.33	<10	3.32	1620

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H449561		<0.5	7.96	7	60	<0.5	<2	5.92	<0.5	43	78	105	8.87	20	0.21	<10	3.36	1745
H449562		<0.5	7.56	5	40	<0.5	<2	6.25	<0.5	42	73	122	8.82	20	0.2	<10	3.32	1535
H449563		<0.5	7.74	5	60	0.5	<2	5.21	<0.5	42	74	100	8.48	20	0.28	<10	3.17	1460
H449564		<0.5	7.41	<5	100	0.6	<2	4.28	<0.5	37	63	99	7.64	20	0.51	<10	2.65	1285
H449565		<0.5	6.1	<5	760	1.5	<2	0.15	<0.5	<1	10	3	0.97	20	2.09	40	0.1	245
H449566		<0.5	4.6	<5	210	0.8	<2	0.42	<0.5	<1	11	3	0.37	10	0.58	10	0.03	291
H449567		10.7	6.24	<5	830	1.1	24	0.14	<0.5	<1	8	7	0.86	20	1.83	10	0.01	272
H449568		1.2	5.33	<5	570	0.9	2	0.16	<0.5	1	11	5	0.82	10	1.29	10	0.01	315
H449569		14.6	5.21	<5	650	0.9	24	0.14	<0.5	<1	9	5	0.7	10	1.44	10	0.01	238
H449570		0.9	5.97	<5	670	1.1	<2	0.13	<0.5	1	7	5	0.88	20	1.6	10	0.02	226
H449571		<0.5	5.92	<5	630	1.1	<2	0.19	<0.5	1	5	5	0.8	20	1.42	10	0.02	240
H449572		0.7	6.39	<5	840	1.3	<2	0.26	<0.5	<1	9	7	0.91	20	1.51	10	0.02	311
H449573		0.6	4.86	<5	500	0.9	<2	0.16	0.6	<1	13	2	0.82	10	1.04	10	0.01	238
H449574		1.8	6.13	<5	770	1.2	<2	0.38	0.9	<1	7	6	0.84	20	1.65	10	0.02	601
H449575		1.3	5.32	<5	590	1	<2	0.23	<0.5	<1	9	5	0.68	10	1.28	10	0.02	314
H449576		2	4.08	<5	330	0.7	4	0.16	<0.5	<1	14	3	0.5	10	0.72	10	0.01	244
H449577		0.6	6.25	<5	690	1.2	<2	0.25	<0.5	1	11	6	0.85	20	1.45	10	0.02	267
H449578		2.7	6.15	<5	690	1.1	<2	0.34	<0.5	1	9	8	0.78	20	1.43	10	0.02	353
H449579		1.3	6.21	<5	750	1.1	<2	0.31	<0.5	<1	11	5	1	20	1.53	10	0.01	328
H449580		<0.5	5.81	<5	640	1.1	<2	0.23	0.5	<1	17	3	0.93	10	1.53	10	0.02	309
H449581		0.6	6.46	<5	720	1.2	<2	0.23	0.7	<1	12	9	0.94	20	1.67	10	0.02	335
H449582		0.6	6.57	<5	880	1.2	<2	0.25	<0.5	1	18	12	0.93	20	1.99	10	0.02	392
H449583		0.7	5.81	<5	700	1	<2	0.22	<0.5	<1	11	8	0.84	20	1.67	10	0.01	259
H449584		<0.5	6.22	<5	220	1.1	<2	1.23	<0.5	1	12	12	1.67	10	1.39	30	0.13	421
H449585		<0.5	6.56	<5	220	1.3	<2	1.2	<0.5	1	19	17	1.78	10	1.54	30	0.14	441
H449586		0.8	6.16	<5	310	1.2	<2	1.26	<0.5	1	10	36	1.74	10	1.63	20	0.12	389
H449587		2.4	7.4	<5	340	2.9	<2	0.87	<0.5	2	7	79	1.99	20	1.26	50	0.09	307
H449588		0.6	5.02	16	260	1.2	<2	0.49	<0.5	2	16	45	1.73	10	0.78	10	0.08	236
H449589		1.4	6.08	<5	320	1.8	<2	0.72	<0.5	1	14	30	1.24	10	1.05	10	0.06	239
H449590		1.3	7.48	5	320	1.7	<2	0.49	<0.5	2	14	27	0.95	20	1.47	30	0.08	202

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H449591		1.2	8.26	<5	320	2.7	<2	0.68	<0.5	1	14	44	1.13	20	1.67	30	0.1	253
H449592		<0.5	7.56	5	370	0.7	<2	3.77	<0.5	38	123	129	7.65	10	3.91	<10	3.77	2090
H449593		<0.5	7.14	5	190	<0.5	<2	4.89	<0.5	42	142	119	8.34	10	0.98	<10	3.79	1550
H449594		<0.5	7.57	<5	90	<0.5	<2	5.09	<0.5	39	152	110	8.25	10	0.71	<10	3.81	1410
H449595		<0.5	5.23	43	140	0.5	<2	0.13	<0.5	1	10	11	0.88	10	0.57	<10	0.02	38
H449596		2.2	8.19	14	750	1.5	<2	1.62	<0.5	6	20	29	3.57	20	3.31	20	0.52	1205
H449597		<0.5	8.07	<5	50	<0.5	<2	7.53	<0.5	45	184	82	8.64	10	0.24	<10	5.21	1540
H449598		<0.5	8.07	14	40	<0.5	<2	7.13	<0.5	35	166	77	8.13	10	0.19	<10	3.62	1280
H449599		<0.5	8.3	5	30	<0.5	<2	7.6	<0.5	34	156	68	8.49	10	0.14	<10	3.66	1360
H449600		<0.5	8.16	5	30	<0.5	<2	7.62	<0.5	39	166	124	8.25	10	0.13	<10	3.9	1405
H449601		<0.5	7.37	9	20	<0.5	<2	6.98	<0.5	38	162	104	7.77	10	0.11	<10	3.5	1230
H449602		<0.5	8.19	<5	20	<0.5	<2	7.63	<0.5	34	162	98	7.56	10	0.11	<10	3.64	1185
H449603		<0.5	7.48	8	20	<0.5	<2	6.79	<0.5	32	148	86	7.01	10	0.1	<10	3.2	1070
H449604		<0.5	8.11	9	40	<0.5	<2	7.24	<0.5	42	104	123	9.09	10	0.17	<10	2.86	1630
H449605		<0.5	7.86	10	70	<0.5	<2	6.49	<0.5	44	101	79	9.04	10	0.2	<10	2.95	1625
H449606		<0.5	8.34	7	390	2	<2	1.64	<0.5	3	8	19	2.79	20	1.25	20	0.35	518
H449607		<0.5	8.31	6	510	2.1	<2	1.18	<0.5	3	7	47	2.29	20	1.52	20	0.34	366
H449608		<0.5	8.4	6	480	2.2	<2	0.9	<0.5	4	8	60	2.31	20	2.67	10	0.34	406
H449609		<0.5	8.38	5	820	2.1	4	0.72	<0.5	5	7	69	2.66	20	3.1	20	0.46	420
H449610		<0.5	8.37	<5	1130	2	<2	1.02	<0.5	7	7	56	2.78	30	3.3	20	0.5	597
H449611		1.2	4.33	<5	670	1	<2	0.43	<0.5	9	22	53	2.26	10	1.6	10	0.23	615
H449612		0.9	1.79	<5	310	<0.5	<2	0.02	<0.5	2	23	16	1.1	10	0.68	<10	0.07	66
H449613		4	1.13	<5	230	<0.5	5	0.03	<0.5	2	22	25	0.81	<10	0.49	<10	0.05	82
H449614		<0.5	6.99	<5	250	1.7	<2	1.86	<0.5	3	8	6	2.53	10	1.48	20	0.22	589
H449615		<0.5	7.69	<5	270	2	<2	1.52	<0.5	2	6	38	2.59	20	1.81	20	0.24	664
H449616		<0.5	7.53	<5	260	2.1	<2	1.69	<0.5	3	7	45	2.8	20	1.83	20	0.25	444
H449617		<0.5	7.75	<5	250	2.3	<2	1.82	<0.5	4	15	43	2.89	20	2.01	20	0.25	478
H449618		<0.5	8.02	<5	280	2.1	<2	1.52	<0.5	2	6	39	2.71	20	2.15	30	0.22	505
H449619		<0.5	7.34	<5	270	2.4	<2	1.55	<0.5	3	15	15	2.46	20	2.1	10	0.22	522
H449620		<0.5	7.68	<5	390	2.5	<2	1.3	<0.5	2	7	6	2.74	20	2.12	30	0.23	603
H449621		1.6	7.16	5	1180	2	2	0.8	<0.5	6	8	81	2.49	20	3.3	20	0.28	719
H449622		1.1	8.43	<5	1180	2.1	<2	1.42	<0.5	4	9	79	3.05	20	3.76	20	0.28	1000

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H449623		5.9	6.06	<5	950	1.7	9	0.23	<0.5	2	16	41	2.06	20	2.85	20	0.19	287
H449624		<0.5	6.86	<5	330	1.7	<2	0.99	<0.5	<1	9	9	1.84	20	1.73	20	0.11	399
H449625		<0.5	7.28	<5	450	1.8	<2	0.76	<0.5	<1	13	7	2.13	20	2.31	40	0.14	680
H449626		<0.5	5.49	6	470	1.5	<2	0.31	<0.5	1	13	2	1.75	10	2.14	30	0.1	512
H449627		2.2	6.76	<5	700	1.8	<2	0.58	<0.5	1	11	8	1.99	20	2.82	10	0.12	857
H449628		0.7	7.57	11	710	1.9	<2	0.49	<0.5	1	7	5	2.53	20	2.97	10	0.15	594
H449629		3.2	5.88	<5	600	1.7	5	0.71	0.9	<1	13	<1	1.43	10	2.67	20	0.08	1080
H449630		15.1	5.23	<5	570	1.5	30	0.48	0.9	1	17	1	1.74	10	2.29	20	0.09	684
H449631		1.2	6.01	<5	580	1.3	3	0.15	1.8	<1	7	5	0.75	20	1.77	10	0.01	256
H449632		0.7	5.6	<5	540	1.2	<2	0.17	0.7	1	8	7	0.85	20	1.46	10	0.01	305
H449633		<0.5	5.93	<5	420	1.2	<2	0.13	0.9	1	7	1	0.64	20	1.38	<10	0.01	287
H449634		<0.5	6.58	<5	820	1.2	<2	0.1	<0.5	<1	6	1	0.71	20	2.83	10	0.01	226
H449635		3.3	6.48	<5	740	1.2	5	0.09	<0.5	<1	5	<1	0.8	20	2.64	10	0.01	77
H449636		<0.5	7.15	<5	670	1.3	<2	0.1	<0.5	<1	6	<1	0.84	20	2.47	10	0.02	269
H449637		1.3	4.2	<5	420	0.9	<2	0.03	<0.5	1	9	<1	0.62	10	1.53	<10	0.02	116
H449638		<0.5	6.48	<5	450	1.1	<2	0.11	<0.5	<1	6	5	0.75	20	1.85	10	0.01	167
H449639		<0.5	6.94	<5	530	1.2	<2	0.07	<0.5	<1	5	<1	0.81	20	2.42	<10	0.02	249
H449640		1.3	6.79	<5	530	1.3	<2	0.11	<0.5	<1	8	1	0.81	20	2.46	10	0.03	230
H449641		1.5	5.76	<5	470	1	4	0.07	<0.5	<1	8	<1	0.78	20	2.32	10	0.01	128
H449642		28.1	3.8	<5	330	0.9	56	0.03	4.4	<1	12	<1	0.7	10	1.52	<10	0.02	58
H449643		2.1	6.57	<5	550	1.3	3	0.07	<0.5	<1	7	<1	0.74	20	2.31	10	0.03	186
H449644		0.6	6.78	<5	530	1.1	<2	0.1	<0.5	<1	6	<1	0.73	20	2.72	10	0.01	146
H449645		<0.5	4.43	<5	410	1.2	<2	0.03	<0.5	<1	15	<1	0.72	20	2.04	<10	0.03	78
H449646		<0.5	4.9	6	460	1.3	<2	0.03	<0.5	<1	8	3	0.77	20	2.31	<10	0.04	80
H449647		3.2	5.18	5	460	1	9	0.05	<0.5	<1	11	2	0.75	20	2.27	10	0.02	68
H449648		<0.5	4.97	5	440	1.1	<2	0.03	<0.5	1	9	1	0.69	10	2.25	<10	0.02	74
H449649		1.1	5.55	8	480	1	<2	0.06	<0.5	<1	8	1	0.76	10	2.34	<10	0.02	98
H449650		<0.5	6.63	<5	500	1	<2	0.11	<0.5	<1	6	2	0.83	20	2.82	10	0.01	480

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H449651		<0.5	4.85	<5	350	0.8	<2	0.06	<0.5	<1	7	2	0.79	10	2.07	10	0.01	230
H449652		<0.5	6.52	8	480	1	<2	0.09	<0.5	<1	5	3	0.79	20	2.76	10	0.01	298
H449653		<0.5	6.58	6	510	1	<2	0.09	<0.5	<1	5	3	0.75	20	2.81	10	0.01	302
H449654		0.7	5.91	8	470	0.9	2	0.09	<0.5	<1	5	2	0.77	10	2.54	10	0.01	384
H449655		1.2	6.45	8	510	0.9	<2	0.1	<0.5	<1	6	2	0.74	20	2.81	10	0.01	188
H449656		<0.5	6.38	9	550	1.1	<2	0.09	<0.5	<1	6	2	0.88	20	2.84	10	0.02	341
H449657		<0.5	6.68	7	580	1.1	<2	0.08	<0.5	<1	5	1	0.76	20	2.95	10	0.02	197
H449658		<0.5	6.92	7	560	0.9	<2	0.11	<0.5	1	4	2	0.87	20	2.97	10	0.01	329
H449659		0.5	5.37	28	540	0.5	<2	4.2	<0.5	28	58	41	6.2	10	2.29	<10	2.12	1615
H449660		1.4	6.68	26	720	0.8	3	4.76	<0.5	31	66	39	7.2	20	2.52	<10	2.47	1855
H449661		<0.5	7.23	39	580	0.6	<2	4.51	<0.5	37	72	98	8	10	2.13	<10	2.91	1730
H449662		3.2	4.93	29	600	0.6	10	3.33	<0.5	24	67	26	5.54	10	2.19	<10	1.66	1640
H449663		3	4.23	18	450	0.5	14	3.57	<0.5	22	59	32	5.3	10	1.7	<10	1.54	1755
H449664		1.1	7.06	20	620	0.6	9	2.16	<0.5	35	81	13	7.9	20	1.87	<10	2.49	1470
H449665		<0.5	7.51	8	20	<0.5	<2	5.94	<0.5	36	73	102	8.32	10	0.08	<10	3.41	1490
H449666		<0.5	7.49	7	20	<0.5	<2	6.17	<0.5	36	74	75	8.24	10	0.08	<10	3.22	1480
H449667		<0.5	7.62	9	60	<0.5	<2	5.99	<0.5	38	73	72	8.27	10	0.22	<10	3.35	1595
H449668		<0.5	8	11	50	<0.5	<2	5.75	<0.5	41	81	104	8.18	10	0.17	<10	3.25	1465
H449701		0.5	7.3	8	50	<0.5	<2	4.88	<0.5	41	96	121	8.84	10	0.56	<10	3.57	1495
H449702		<0.5	7.8	8	70	<0.5	<2	4.2	<0.5	43	107	117	9.06	10	0.81	<10	2.95	1465
H449703		<0.5	2.88	26	220	0.6	<2	2.83	<0.5	13	67	23	3.84	<10	1.45	<10	0.9	1585
H449704		0.5	5.08	29	390	1	<2	3.35	<0.5	35	110	32	6.31	10	2.7	<10	1.51	2820
H449705		<0.5	6.17	31	370	1.1	<2	3.58	<0.5	34	103	50	7.71	10	3.3	<10	1.65	2100
H449706		0.5	4.53	28	380	1	<2	3.64	<0.5	28	71	18	5.6	10	2.34	<10	1.1	3180
H449707		1.6	6.68	77	240	1.7	<2	4.57	<0.5	58	96	22	9.55	10	3.67	<10	1.46	4540

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H449708		<0.5	6.95	<5	90	<0.5	<2	5.32	<0.5	34	150	79	7.08	10	1.98	<10	2.89	1290
H449709		<0.5	4.52	7	140	0.5	<2	3.24	<0.5	22	103	43	4.77	10	2.38	<10	1.52	1845
H449710		<0.5	6.47	8	510	1.5	2	0.48	<0.5	<1	12	13	1.05	10	1.38	10	0.03	389
H449711		<0.5	6.78	7	490	1.4	3	0.36	<0.5	<1	11	4	0.87	10	1.23	10	0.03	349
H449712		0.5	6.31	12	440	1.4	3	0.26	<0.5	<1	12	8	0.99	10	1.3	10	0.02	264
H449713		0.7	6.49	11	510	1.3	3	0.27	<0.5	<1	14	6	1.08	10	1.62	10	0.02	261
H449714		<0.5	5.74	6	400	1.1	<2	0.19	<0.5	<1	13	1	0.9	10	1.28	10	0.02	233
H449715		1.1	5.76	<5	460	1.1	<2	0.27	<0.5	1	12	3	0.82	10	1.5	10	0.02	238
H449716		<0.5	6.14	<5	460	1.1	<2	0.23	<0.5	<1	13	2	1.03	10	1.36	10	0.02	302
H449717		<0.5	5.97	5	500	1.1	<2	0.24	<0.5	<1	12	2	0.9	10	1.46	10	0.02	298
H449718		<0.5	5.99	<5	480	1.1	<2	0.25	<0.5	<1	12	4	0.93	10	1.32	10	0.02	281
H449719		<0.5	6.05	<5	520	1.2	<2	0.24	<0.5	<1	14	1	0.89	10	1.54	10	0.02	319
H449720		<0.5	6.04	<5	480	1.1	<2	0.31	<0.5	<1	11	1	0.99	10	1.47	10	0.02	381
H449721		<0.5	6.16	8	410	1.1	<2	0.27	<0.5	1	19	5	1.14	20	1.34	10	0.03	426
H449722		<0.5	6.4	<5	480	1.3	<2	0.22	<0.5	<1	14	3	1.25	20	1.49	10	0.03	446
H449723		<0.5	5.98	<5	460	1.2	<2	0.25	<0.5	<1	15	4	1.11	10	1.43	10	0.02	372
H449724		<0.5	7.08	<5	560	1.3	<2	0.2	<0.5	1	10	<1	0.92	20	1.77	10	0.04	500
H449725		<0.5	6.34	<5	530	1.2	<2	0.18	<0.5	<1	12	1	1.08	10	1.55	10	0.05	429
H449726		<0.5	6.62	8	520	1.3	<2	0.37	<0.5	1	6	7	1.24	10	1.55	10	0.04	439
H449727		<0.5	6.29	6	470	1.3	<2	0.45	<0.5	2	7	9	0.96	20	1.31	10	0.03	376
H449728		0.6	6.25	15	450	1.2	<2	0.35	<0.5	2	9	6	1.14	10	1.42	10	0.03	433
H449729		<0.5	6.54	9	490	1.3	3	0.49	<0.5	1	8	9	1.13	20	1.5	10	0.03	453
H449730		1.7	6.47	14	540	1.1	3	0.35	<0.5	2	9	4	1.06	10	1.53	10	0.03	339
H449731		<0.5	6.8	11	640	1.6	<2	0.37	<0.5	<1	5	2	1.23	20	2.11	20	0.09	706
H449732		<0.5	6.53	<5	480	1.2	<2	0.3	<0.5	1	11	2	0.96	20	1.44	10	0.04	441
H449733		0.6	6.66	10	470	1.2	<2	0.29	<0.5	1	10	5	1.29	10	1.65	10	0.03	431
H449734		<0.5	6.59	9	420	1.2	<2	0.35	<0.5	2	7	1	1.3	10	1.64	10	0.03	612
H449735		0.8	6.39	17	440	1.2	<2	0.44	<0.5	2	6	4	1.2	10	1.51	10	0.02	569
H449736		0.9	5.96	12	390	1	<2	0.4	<0.5	1	7	8	1.18	10	1.38	10	0.02	399
H449737		1.1	6.32	21	420	1.2	<2	0.4	<0.5	1	6	2	1.14	20	1.45	10	0.02	470
H449738		<0.5	5.89	12	460	1.1	<2	0.45	<0.5	2	6	4	1.23	10	1.42	10	0.02	444
H449739		0.6	6.16	5	460	1.1	<2	0.37	<0.5	1	7	4	1.13	10	1.51	10	0.02	454
H449740		1.1	6.34	17	470	2.4	<2	0.47	<0.5	<1	9	4	1.22	10	1.51	10	0.02	525
H449741		0.6	6.38	11	500	1.3	<2	0.5	<0.5	1	7	5	1.2	20	1.53	10	0.02	627
H449742		1.3	6.39	22	410	1.2	<2	0.38	<0.5	1	12	5	1.29	20	1.49	10	0.03	454

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H449743		1.2	6.35	15	390	1.2	<2	0.36	<0.5	<1	5	3	1.23	20	1.42	10	0.03	442
H449744		0.8	6.55	15	520	1.2	<2	0.3	<0.5	<1	8	2	1.17	20	1.64	10	0.02	377
H449745		<0.5	6.16	12	470	1	<2	0.32	<0.5	<1	5	3	0.88	20	1.46	10	0.02	420
H449746		0.6	6.67	9	520	1.3	<2	0.24	<0.5	2	6	5	0.98	20	1.49	10	0.03	311
H449747		0.7	6.12	13	390	1.2	4	0.29	<0.5	1	7	10	0.95	20	1.09	10	0.03	225
H449748		<0.5	6.06	16	440	1.1	<2	0.29	<0.5	<1	9	5	1.13	20	1.44	10	0.02	324
H449749		<0.5	6.15	6	420	1.1	<2	0.38	<0.5	2	8	5	0.95	10	1.31	10	0.02	316
H449750		0.5	6.94	9	470	1.3	<2	0.64	<0.5	1	6	6	0.67	10	1.31	10	0.03	464
H449751		<0.5	7.24	<5	600	1.5	<2	0.4	<0.5	1	7	1	0.55	20	2.03	10	0.03	543
H449752		0.7	6.59	5	530	1.4	<2	0.4	<0.5	<1	7	1	1.12	20	1.89	10	0.03	483
H449753		<0.5	6.33	10	270	0.9	<2	0.08	<0.5	1	6	3	0.7	20	2.17	10	0.01	168
H449754		0.7	6.55	5	260	1	<2	0.1	<0.5	1	9	6	0.78	20	2.3	10	0.01	362
H449755		<0.5	7.08	<5	320	1	3	0.09	<0.5	1	7	6	0.83	20	2.41	10	0.01	272
H449756		<0.5	6.75	<5	300	0.9	<2	0.09	<0.5	<1	7	4	0.87	20	2.56	10	0.01	219
H449757		<0.5	6.29	<5	280	0.9	<2	0.08	<0.5	1	5	1	0.78	20	2.4	10	0.01	236
H449758		0.5	6.43	10	270	1	<2	0.07	<0.5	1	5	2	0.83	20	1.6	10	0.01	265
H449759		3.6	5.22	<5	290	0.8	7	0.04	<0.5	<1	8	1	0.8	10	1.48	10	0.01	109
H449760		<0.5	6.73	<5	430	1.2	<2	0.12	<0.5	2	8	<1	0.83	20	2.13	10	0.02	349
H449761		<0.5	6.91	<5	430	1.3	<2	0.05	<0.5	1	8	10	0.82	20	2.31	10	0.02	215
H449762		0.9	5.76	<5	380	1.2	<2	0.04	<0.5	1	9	<1	0.75	20	2.09	10	0.02	247
H449763		<0.5	6.17	8	410	1.2	<2	0.06	<0.5	<1	9	<1	0.88	20	2.35	10	0.02	193
H449764		<0.5	5.08	<5	340	0.9	<2	0.04	<0.5	<1	10	<1	0.83	20	1.86	10	0.02	174
H449765		<0.5	6.63	<5	510	1.3	<2	0.09	<0.5	<1	7	2	0.93	20	3.21	10	0.01	299
H449766		4.7	4.14	9	330	0.8	7	0.03	1	2	16	2	0.87	10	1.85	10	0.01	109
H449767		<0.5	2.53	14	230	0.6	<2	0.01	<0.5	1	22	2	0.61	10	1.18	<10	0.01	48
H449768		<0.5	0.36	<5	40	<0.5	4	<0.01	<0.5	1	21	<1	0.51	<10	0.17	<10	<0.01	42
H449769		0.7	3.88	<5	390	1	<2	0.01	<0.5	<1	14	1	0.86	10	1.83	<10	0.02	69
H449770		<0.5	4.23	<5	380	1	<2	0.02	<0.5	3	32	2	0.84	10	1.85	10	0.02	86
H449771		1.5	4.76	<5	460	1.2	<2	0.01	<0.5	1	17	4	0.89	20	2.29	<10	0.03	66
H449772		<0.5	1.97	<5	200	0.5	<2	<0.01	<0.5	1	24	2	0.52	10	0.94	10	0.01	42
H449773		7.8	1.91	<5	200	0.5	11	0.01	1.4	1	15	1	0.69	<10	0.91	<10	0.01	60
H449774		3.8	4.36	<5	390	0.9	4	0.08	0.7	1	16	1	0.65	10	1.82	10	0.02	197

SAMPLE #	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm
H449775		<0.5	4.25	<5	350	0.9	<2	0.03	<0.5	1	17	2	0.77	20	1.72	10	0.02	102
H449776		0.8	4.46	5	360	0.9	<2	0.04	1.4	<1	12	<1	0.67	10	1.58	<10	0.01	156
H449777		<0.5	2.02	<5	180	<0.5	<2	0.02	<0.5	<1	32	1	0.58	10	0.76	<10	0.01	54
H449778		<0.5	7.21	6	590	1.6	<2	0.2	<0.5	1	9	<1	0.89	20	2.77	10	0.05	492
H449779		2.9	6.19	<5	290	1	<2	0.16	<0.5	2	11	<1	0.85	20	1.72	10	0.02	375

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447001	<1	0.67	1	100	31	0.39	<5	<1	13	<20	<0.01	<10	<10	3	<10	213
H447002	2	1.43	1	130	73	0.91	<5	<1	27	<20	<0.01	<10	<10	2	<10	968
H447003	1	1.37	<1	140	11	0.36	<5	<1	22	<20	<0.01	<10	10	1	<10	1080
H447004	3	0.1	5	30	125	0.83	<5	<1	1	<20	<0.01	<10	<10	1	<10	2540
H447005	1	0.9	1	140	17	0.19	<5	<1	17	<20	<0.01	<10	<10	2	<10	136
H447006	<1	2.68	<1	220	4	0.01	<5	1	23	<20	0.01	<10	10	5	<10	80
H447007	4	0.01	2	20	479	0.88	<5	<1	<1	<20	<0.01	<10	<10	1	<10	1480
H447008	1	0.93	2	100	26	0.46	<5	<1	15	<20	<0.01	<10	<10	2	<10	220
H447009	3	1.06	2	130	28	0.68	<5	<1	19	<20	<0.01	<10	<10	2	<10	539
H447010	2	0.31	1	110	60	0.13	<5	<1	8	<20	<0.01	<10	<10	4	<10	107
H447011	2	0.98	2	100	12	0.53	<5	<1	18	<20	<0.01	<10	<10	2	<10	1260
H447012	1	1.53	<1	130	43	0.31	<5	<1	20	<20	<0.01	<10	<10	2	<10	122
H447013	1	0.46	2	80	5	0.07	<5	<1	7	<20	<0.01	<10	<10	2	<10	19
H447014	1	0.91	<1	70	21	0.13	<5	<1	15	<20	<0.01	<10	<10	1	<10	14
H447015	<1	0.42	<1	40	8	0.17	<5	<1	5	<20	<0.01	<10	<10	1	<10	101
H447016	1	1.33	2	170	24	0.2	<5	<1	18	<20	<0.01	<10	<10	2	<10	70
H447017	<1	0.9	4	180	14	0.26	<5	<1	18	<20	<0.01	<10	<10	4	<10	40
H447018	1	0.07	6	70	37	0.49	<5	<1	3	<20	<0.01	<10	<10	4	<10	22
H447019	<1	0.22	5	50	22	0.05	<5	<1	5	<20	<0.01	<10	<10	2	<10	169
H447020	<1	0.08	4	270	42	0.95	<5	1	7	<20	0.01	<10	<10	13	10	35
H447021	1	1.55	3	90	7	0.12	<5	<1	25	<20	<0.01	<10	<10	2	<10	13
H447022	3	2.62	2	150	13	0.17	<5	<1	42	<20	<0.01	<10	10	1	<10	13
H447023	1	2.71	2	140	19	0.21	<5	<1	49	<20	<0.01	<10	10	1	<10	14
H447024	<1	2.8	2	140	10	0.07	<5	<1	42	<20	<0.01	<10	10	2	<10	12
H447025	<1	2.79	4	140	24	0.29	<5	<1	45	<20	<0.01	<10	10	<1	<10	13
H447026	<1	2.72	<1	140	14	0.14	<5	<1	36	<20	<0.01	<10	10	<1	<10	260
H447027	<1	2.57	1	130	14	0.17	<5	<1	40	<20	<0.01	<10	10	1	<10	47
H447028	<1	2.78	<1	140	11	0.12	<5	<1	38	<20	<0.01	<10	10	<1	<10	33
H447029	<1	2.64	1	140	10	0.06	<5	<1	36	<20	<0.01	<10	10	<1	<10	33
H447030	<1	2.7	1	140	15	0.07	<5	<1	38	<20	<0.01	<10	10	<1	<10	33
H447031	<1	2.61	1	140	16	0.09	<5	<1	38	<20	<0.01	<10	10	<1	<10	28
H447032	<1	2.63	<1	140	16	0.08	<5	<1	36	<20	<0.01	<10	10	<1	<10	41
H447033	<1	2.47	1	130	17	0.2	<5	<1	42	<20	<0.01	<10	10	<1	<10	21
H447034	<1	2.56	<1	140	14	0.16	<5	<1	43	<20	<0.01	<10	<10	<1	<10	46
H447035	3	0.11	2	30	413	0.26	<5	<1	3	<20	<0.01	<10	<10	1	<10	191

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447036	7	0.22	<1	50	45	0.34	<5	<1	5	<20	<0.01	<10	<10	1	<10	281
H447037	<1	1.46	1	110	18	0.18	<5	<1	26	<20	<0.01	<10	<10	1	<10	71
H447038	3	1.02	1	70	33	0.19	<5	<1	18	<20	<0.01	<10	<10	1	<10	200
H447039	<1	2.53	<1	160	35	0.46	<5	<1	41	<20	<0.01	<10	10	<1	<10	102
H447040	<1	2.37	1	150	24	0.22	<5	<1	35	<20	<0.01	<10	10	<1	<10	168
H447041	1	1.91	<1	120	14	0.22	<5	<1	32	<20	<0.01	<10	<10	<1	<10	131
H447042	<1	2.73	<1	160	14	0.16	<5	<1	42	<20	<0.01	<10	10	1	<10	92
H447043	<1	2.28	<1	120	15	0.23	<5	<1	40	<20	<0.01	<10	10	1	<10	40
H447044	1	1.67	<1	90	14	0.06	<5	<1	30	<20	<0.01	<10	10	1	<10	55
H447045	<1	2.61	<1	140	12	0.09	<5	<1	46	<20	<0.01	<10	10	1	<10	23
H447046	<1	2.81	<1	160	15	0.11	<5	<1	44	<20	<0.01	<10	10	<1	<10	16
H447047	<1	1.68	1	100	37	0.08	<5	<1	27	<20	<0.01	<10	<10	1	<10	42
H447048	1	2.41	<1	150	29	0.09	<5	<1	42	<20	<0.01	<10	10	1	<10	34
H447051	1	1.02	<1	130	51	0.09	<5	<1	15	<20	<0.01	<10	<10	2	<10	132
H447052	1	1.39	1	230	103	0.18	<5	1	23	<20	<0.01	<10	10	4	<10	70
H447053	<1	1.31	2	160	73	0.05	<5	1	24	<20	<0.01	<10	<10	1	<10	36
H447054	1	0.16	3	50	818	0.09	<5	<1	2	<20	<0.01	<10	<10	1	<10	299
H447055	2	0.16	4	40	300	2.75	<5	<1	3	<20	<0.01	<10	<10	1	<10	9
H447056	2	0.36	1	90	375	0.21	<5	<1	7	<20	<0.01	<10	<10	2	<10	395
H447057	2	0.94	2	140	181	0.22	<5	<1	19	<20	<0.01	<10	<10	2	<10	261
H447058	10	0.03	2	30	25	0.07	<5	<1	2	<20	<0.01	<10	<10	1	<10	6
H447049	<1	2.31	1	130	12	0.04	<5	<1	44	<20	<0.01	<10	10	1	<10	22
H447050	<1	2.42	<1	160	110	0.07	<5	<1	40	<20	<0.01	<10	<10	1	<10	56
C141503	<1	1.08	85	320	<2	0.11	<5	40	117	<20	0.57	<10	<10	286	<10	103
C141502	<1	1.12	82	320	<2	0.03	<5	38	121	<20	0.56	<10	10	280	<10	101
C141501	4	1.46	86	320	3	0.04	<5	37	84	<20	0.54	<10	10	270	<10	102
H447059	4	0.84	1	90	274	0.17	<5	<1	14	<20	<0.01	<10	<10	1	<10	316
H447060	1	1.11	2	100	60	0.24	<5	<1	20	<20	<0.01	<10	<10	1	<10	1090
H447061	1	0.31	2	80	949	0.11	<5	<1	5	<20	<0.01	<10	<10	1	<10	91
H447062	<1	0.96	2	140	59	0.22	<5	<1	17	<20	<0.01	<10	<10	1	<10	109
H447063	<1	0.16	1	80	37	0.05	<5	<1	5	<20	<0.01	<10	<10	1	<10	194
H447064	2	0.8	2	130	129	0.14	<5	<1	13	<20	<0.01	<10	<10	1	<10	440
H447065	3	0.24	3	60	65	0.14	<5	<1	5	<20	<0.01	<10	<10	1	<10	88

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447066	4	0.07	1	70	14	0.05	<5	<1	3	<20	<0.01	<10	<10	1	<10	19
H447067	1	0.37	2	90	21	0.07	<5	<1	8	<20	<0.01	<10	<10	1	<10	18
H447068	<1	0.04	2	40	11	0.09	<5	<1	2	<20	<0.01	<10	<10	1	<10	463
H447069	1	0.31	2	60	18	0.1	<5	<1	6	<20	<0.01	<10	<10	1	<10	68
H447070	<1	0.97	1	140	21	0.49	<5	<1	8	<20	<0.01	<10	<10	2	<10	304
H447071	1	1.98	1	150	42	0.17	<5	<1	38	<20	<0.01	<10	10	1	<10	208
H447072	<1	1.7	1	110	14	0.18	<5	<1	30	<20	<0.01	<10	<10	1	<10	30
H447073	1	1.04	1	80	18	0.11	<5	<1	19	<20	<0.01	<10	<10	1	<10	21
H447074	<1	1.57	2	120	9	0.16	<5	<1	27	<20	<0.01	<10	<10	1	<10	64
H447075	<1	1.98	1	140	95	0.07	<5	<1	29	<20	<0.01	<10	10	1	<10	108
H447076	<1	2.04	2	130	96	0.1	<5	<1	30	<20	<0.01	<10	10	<1	<10	63
H447077	<1	1.74	1	110	12	0.2	<5	<1	30	<20	<0.01	<10	10	1	<10	109
H447078	1	2.15	1	150	16	0.18	<5	<1	30	<20	<0.01	<10	10	1	<10	106
H447079	<1	2.66	2	170	19	0.08	<5	<1	31	<20	<0.01	<10	10	<1	<10	48
H447080	<1	2.5	2	170	20	0.08	<5	<1	25	<20	<0.01	<10	10	1	<10	95
H447081	<1	2.58	1	160	29	0.06	<5	<1	34	<20	<0.01	<10	10	<1	<10	75
H447082	1	2.08	12	140	15	0.16	<5	<1	37	<20	<0.01	<10	10	1	<10	50
H447083	<1	2.07	6	150	14	0.23	<5	<1	37	<20	<0.01	<10	10	<1	<10	52
H447084	<1	2.5	5	160	17	0.19	<5	<1	43	<20	<0.01	<10	10	<1	<10	127
H447085	<1	1.55	4	120	26	0.14	<5	<1	30	<20	<0.01	<10	10	1	<10	119
H447086	<1	1.49	4	120	100	0.09	<5	<1	26	<20	<0.01	<10	10	<1	<10	120
H447087	1	2.19	2	160	21	0.17	<5	<1	31	<20	<0.01	<10	10	1	<10	48
H447088	<1	2.63	1	150	20	0.19	<5	<1	35	<20	<0.01	<10	10	<1	<10	82
H447089	2	1.38	1	120	26	0.32	<5	<1	26	<20	<0.01	<10	10	2	<10	199
H447090	1	0.88	2	110	121	1.37	<5	<1	17	<20	<0.01	<10	<10	1	<10	48
H447091	2	0.51	2	110	174	0.21	<5	<1	10	<20	<0.01	<10	<10	1	<10	97
H447092	<1	0.83	5	160	24	0.18	<5	1	20	<20	<0.01	<10	10	2	<10	224
H447093	2	0.67	1	90	29	0.28	<5	<1	14	<20	<0.01	<10	<10	1	<10	1480
H447094	1	0.97	1	120	26	0.3	<5	<1	19	<20	<0.01	<10	10	1	<10	923
H447095	1	0.78	1	110	31	0.27	<5	<1	14	<20	<0.01	<10	<10	1	<10	73
H447096	3	0.93	2	160	274	0.27	<5	<1	18	<20	<0.01	<10	10	1	<10	49
H447097	<1	0.11	1	100	110	0.29	<5	<1	6	<20	<0.01	<10	10	1	<10	737
H447098	1	0.68	1	120	40	0.13	<5	<1	16	<20	<0.01	<10	10	1	<10	58

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447099	1	0.69	1	100	27	0.41	<5	<1	16	<20	<0.01	<10	<10	2	<10	114
H447100	1	1.01	1	120	14	0.2	<5	<1	21	<20	<0.01	<10	<10	1	<10	357
H447101	<1	1.24	<1	140	19	0.26	<5	<1	25	<20	<0.01	<10	<10	1	<10	95
H447102	<1	0.54	1	120	28	0.2	<5	<1	14	<20	<0.01	<10	<10	1	<10	97
H447103	<1	0.47	<1	150	46	0.58	<5	1	17	<20	<0.01	<10	<10	1	<10	407
H447104	3	0.8	1	110	255	0.26	<5	<1	17	<20	<0.01	<10	<10	1	<10	1760
H447105	<1	2.07	2	140	25	0.26	<5	<1	37	<20	<0.01	<10	<10	1	<10	85
H447106	1	1.12	1	130	23	0.27	<5	<1	23	<20	<0.01	<10	<10	1	<10	91
H447107	2	0.01	<1	20	<2	0.04	<5	<1	1	<20	<0.01	<10	<10	1	<10	200
H447108	2	0.18	<1	60	19	0.07	<5	<1	5	<20	<0.01	<10	<10	1	<10	32
H447109	1	2.27	2	170	32	0.24	<5	1	44	<20	<0.01	<10	<10	1	<10	45
H447110	<1	2.07	1	150	21	0.17	<5	<1	38	<20	<0.01	<10	<10	1	<10	135
H447111	1	2.61	<1	150	20	0.18	<5	1	49	<20	<0.01	<10	<10	1	<10	122
H447112	1	1.3	1	170	19	0.03	<5	<1	16	<20	<0.01	<10	<10	1	<10	59
H447113	1	1.82	1	100	55	0.07	<5	<1	36	<20	<0.01	<10	<10	1	<10	25
H447114	<1	1.98	1	140	20	0.15	<5	<1	38	<20	<0.01	<10	<10	1	<10	59
H447115	<1	2.38	1	140	45	0.17	<5	<1	45	<20	<0.01	<10	<10	1	<10	59
H447116	<1	2.74	1	160	18	0.22	<5	<1	45	<20	<0.01	<10	10	<1	<10	46
H447117	<1	2.66	1	150	23	0.14	<5	<1	48	<20	<0.01	<10	<10	<1	<10	24
H447118	1	2.02	1	140	13	0.03	<5	<1	28	<20	<0.01	<10	<10	1	<10	45
H447119	1	1.76	1	110	14	0.07	<5	<1	32	<20	<0.01	<10	<10	1	<10	32
H447120	<1	2.33	1	130	20	0.06	<5	<1	44	<20	<0.01	<10	<10	1	<10	49
H447121	1	2.48	8	150	20	0.24	<5	<1	38	<20	<0.01	<10	<10	1	<10	43
H447122	1	1.97	<1	130	10	0.08	<5	<1	26	<20	<0.01	<10	<10	<1	<10	28
H447123	1	1.89	1	130	12	0.09	<5	<1	24	<20	<0.01	<10	<10	1	<10	174
H447124	1	2.18	1	120	15	0.04	<5	<1	33	<20	<0.01	<10	<10	1	<10	30
H447125	<1	2.14	1	140	10	0.18	<5	1	33	<20	<0.01	<10	<10	1	<10	27
H447126	1	1.53	2	110	85	1.34	<5	<1	26	<20	<0.01	<10	<10	1	<10	62
H447127	1	0.36	1	50	9	0.13	<5	<1	6	<20	<0.01	<10	<10	<1	<10	51
H447128	2	0.02	2	10	11	0.02	<5	<1	1	<20	<0.01	<10	<10	<1	<10	34
H447129	1	1.91	1	160	25	1.69	<5	<1	36	<20	<0.01	<10	<10	1	<10	43
H447130	<1	2.12	<1	130	25	0.39	<5	<1	40	<20	<0.01	<10	<10	1	<10	52
H447131	1	0.67	1	60	22	0.09	<5	<1	14	<20	<0.01	<10	<10	1	<10	570

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447132	3	0.6	<1	80	44	0.13	<5	<1	13	<20	<0.01	<10	<10	2	<10	128
H447133	3	0.05	1	30	37	0.05	<5	<1	3	<20	<0.01	<10	<10	1	<10	94
H447134	1	1.55	<1	140	10	0.17	<5	<1	22	<20	<0.01	<10	<10	2	<10	29
H447135	<1	2.34	<1	150	14	0.34	5	1	46	<20	<0.01	<10	<10	<1	<10	47
H447136	<1	2.4	<1	130	12	0.46	<5	<1	49	<20	<0.01	<10	<10	<1	<10	68
H447137	<1	2.22	<1	130	13	0.32	<5	1	41	<20	<0.01	<10	<10	<1	<10	27
H447138	<1	2.74	<1	140	20	0.27	<5	<1	45	<20	<0.01	<10	<10	1	<10	55
H447139	<1	2.55	<1	140	17	0.37	<5	<1	43	<20	<0.01	<10	<10	<1	<10	53
H447140	<1	2.73	<1	140	19	0.16	<5	<1	42	<20	<0.01	<10	<10	<1	<10	77
H447141	<1	2.59	<1	140	10	0.19	7	1	41	<20	<0.01	<10	<10	<1	<10	26
H447142	<1	2.47	<1	160	8	0.19	<5	1	30	<20	<0.01	<10	<10	<1	<10	61
H447143	<1	2.76	1	180	14	0.18	<5	1	38	<20	<0.01	<10	<10	1	<10	31
H447144	<1	1.73	<1	110	6	0.17	6	<1	26	<20	<0.01	<10	<10	<1	<10	21
H447145	<1	2.83	<1	170	18	0.24	8	1	37	<20	<0.01	<10	<10	<1	<10	23
H447146	<1	2.56	<1	140	12	0.09	<5	1	38	<20	<0.01	<10	<10	1	<10	16
H447147	<1	2.58	<1	170	12	0.19	<5	<1	42	<20	<0.01	<10	<10	<1	<10	37
H447148	<1	1.9	<1	110	10	0.23	<5	<1	32	<20	<0.01	<10	<10	1	<10	107
H447149	<1	2.88	<1	170	11	0.14	<5	1	42	<20	<0.01	<10	<10	<1	<10	12
H447150	<1	2.43	<1	130	13	0.11	<5	1	39	<20	<0.01	<10	<10	1	<10	14
H447151	<1	2.33	<1	150	6	0.16	<5	1	31	<20	<0.01	<10	<10	1	<10	12
H447152	<1	2.67	<1	150	9	0.29	<5	1	39	<20	<0.01	<10	<10	<1	<10	16
H447153	<1	2.71	<1	150	9	0.31	<5	1	41	<20	<0.01	<10	<10	<1	<10	13
H447154	<1	2.5	<1	140	8	0.25	<5	<1	32	<20	<0.01	<10	<10	<1	<10	11
H447155	<1	2.18	<1	140	6	0.18	7	1	21	<20	<0.01	<10	<10	1	<10	16
H447156	<1	2.36	<1	130	<2	0.19	<5	1	18	<20	<0.01	<10	<10	1	<10	16
H447157	<1	1.56	<1	130	<2	0.07	7	<1	14	<20	<0.01	<10	<10	2	<10	8
H447158	<1	2.17	<1	150	6	0.22	<5	1	33	<20	<0.01	<10	<10	1	<10	9
H447159	<1	1.95	<1	150	34	0.21	<5	1	31	<20	<0.01	<10	<10	<1	<10	21
H447160	<1	2.54	<1	160	8	0.26	<5	1	43	<20	<0.01	<10	<10	1	<10	14
H447161	<1	2.93	<1	160	14	0.27	6	1	54	<20	<0.01	<10	<10	1	<10	14
H447162	<1	2.75	<1	140	11	0.22	<5	1	48	<20	<0.01	<10	<10	1	<10	12
H447163	2	2.05	<1	140	53	0.09	<5	1	21	<20	<0.01	<10	<10	1	<10	62

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447164	13	0.53	<1	80	89	0.1	<5	<1	7	<20	<0.01	<10	<10	1	<10	39
H447165	<1	1.19	<1	160	28	0.35	<5	1	13	<20	<0.01	<10	<10	2	<10	36
H447166	<1	1.1	1	140	10	0.1	<5	1	17	<20	<0.01	<10	<10	2	<10	43
H447167	<1	2.14	2	120	3	0.23	<5	<1	14	<20	<0.01	<10	10	<1	<10	14
H447168	1	1.4	1	130	5	0.09	<5	<1	10	<20	<0.01	<10	<10	1	<10	29
H447169	2	0.92	1	90	7	0.09	<5	<1	9	<20	<0.01	<10	<10	1	<10	14
H447170	1	2.5	1	100	13	0.08	<5	<1	24	<20	<0.01	<10	10	1	<10	25
H447171	<1	2.42	1	110	6	0.11	<5	<1	20	<20	<0.01	<10	10	1	<10	23
H447172	1	0.48	2	40	88	0.01	<5	<1	3	<20	<0.01	<10	<10	2	<10	123
H447173	6	2.55	1	140	11	0.11	<5	<1	15	<20	<0.01	<10	10	1	<10	27
H447174	11	1.74	<1	90	528	0.06	<5	<1	16	<20	<0.01	<10	<10	1	<10	422
H447175	<1	2.28	<1	100	12	0.01	<5	<1	13	<20	<0.01	<10	10	2	<10	19
H447176	<1	1.83	<1	110	7	<0.01	<5	<1	16	<20	<0.01	<10	10	1	<10	16
H447177	<1	3.15	<1	140	37	0.09	<5	<1	46	<20	<0.01	<10	10	1	<10	15
H447178	<1	1.89	<1	100	14	0.08	<5	<1	30	<20	<0.01	<10	<10	1	<10	14
H447179	<1	2.23	<1	130	28	0.32	<5	<1	37	<20	<0.01	<10	<10	<1	<10	55
H447180	<1	2.03	<1	120	14	0.13	<5	<1	37	<20	<0.01	<10	10	<1	<10	8
H447181	8	1.83	<1	130	25	0.22	<5	1	30	<20	<0.01	<10	<10	1	<10	26
H447182	1	2.18	<1	140	17	0.16	<5	1	34	<20	<0.01	<10	<10	1	<10	18
H447183	<1	2.64	<1	150	19	0.15	<5	1	40	<20	<0.01	<10	<10	<1	<10	23
H447184	<1	2.59	<1	140	21	0.24	<5	1	42	<20	<0.01	<10	10	1	<10	51
H447185	<1	2.39	1	130	17	0.19	<5	<1	37	<20	<0.01	<10	10	<1	<10	8
H447186	<1	2.62	<1	150	18	0.11	<5	1	36	<20	<0.01	<10	<10	<1	<10	14
H447187	<1	2.79	<1	140	23	0.26	<5	1	43	<20	<0.01	<10	10	<1	<10	22
H447188	<1	2.26	<1	120	15	0.09	<5	1	35	<20	<0.01	<10	<10	1	<10	11
H447189	3	2.62	1	140	21	0.22	<5	1	44	<20	<0.01	<10	10	1	<10	24
H447190	<1	1.96	<1	130	16	0.1	<5	<1	15	<20	<0.01	<10	<10	1	<10	41
H447191	<1	2.21	<1	130	11	0.11	<5	<1	21	<20	<0.01	<10	10	1	<10	26
H447192	<1	2.51	<1	130	19	0.09	<5	1	31	<20	<0.01	<10	10	<1	<10	171
H447193	<1	2.54	<1	120	21	0.07	<5	1	34	<20	<0.01	<10	<10	<1	<10	29

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447194	<1	2.18	<1	100	20	0.06	<5	1	35	<20	<0.01	<10	<10	<1	<10	12
H447195	<1	2.63	<1	140	19	0.13	<5	1	44	<20	<0.01	<10	<10	<1	<10	13
H447196	<1	2.61	<1	140	19	0.17	<5	1	38	<20	<0.01	<10	<10	<1	<10	181
H447197	<1	2.94	<1	150	20	0.19	<5	1	43	<20	<0.01	<10	10	<1	<10	95
H447198	<1	2.69	<1	140	19	0.22	<5	1	38	<20	<0.01	<10	10	<1	<10	26
H447199	<1	2.42	<1	130	12	0.16	<5	1	31	<20	<0.01	<10	<10	1	<10	20
H447200	<1	2.53	<1	140	21	0.16	<5	1	40	<20	<0.01	<10	10	<1	<10	27
H447201	<1	2.74	<1	140	23	0.13	<5	1	41	<20	<0.01	<10	10	1	<10	29
H447202	<1	2.79	<1	160	23	0.09	<5	1	43	<20	<0.01	<10	10	<1	<10	47
H447203	<1	2.36	<1	140	30	0.13	<5	1	39	<20	<0.01	<10	<10	<1	<10	27
H447204	<1	1.46	<1	70	29	0.36	<5	<1	24	<20	<0.01	<10	<10	<1	<10	20
H447205	<1	2.1	<1	120	17	0.3	<5	<1	34	<20	<0.01	<10	<10	<1	<10	284
H447206	<1	2.43	<1	130	22	0.27	<5	1	37	<20	<0.01	<10	10	<1	<10	36
H447207	1	1.67	<1	90	15	0.12	<5	<1	25	<20	<0.01	<10	<10	<1	<10	46
H447208	<1	2.41	<1	140	16	0.1	<5	1	35	<20	<0.01	<10	10	<1	<10	24
H447209	<1	2.58	<1	150	20	0.15	<5	1	38	<20	<0.01	<10	10	<1	<10	61
H447210	<1	2.28	<1	120	17	0.12	<5	<1	43	<20	<0.01	<10	10	1	<10	20
H447211	<1	2.03	11	110	14	0.11	<5	<1	35	<20	<0.01	<10	<10	1	<10	131
H447212	<1	1.7	9	100	13	0.12	<5	<1	20	<20	<0.01	<10	<10	1	<10	19
H447213	<1	4.02	4	160	15	0.03	<5	<1	52	<20	<0.01	<10	10	<1	<10	20
H447214	<1	1.59	3	140	32	0.09	<5	<1	15	<20	<0.01	<10	<10	2	<10	291
H447215	<1	3.01	9	160	18	0.18	<5	<1	49	<20	<0.01	<10	10	1	<10	21
H447216	<1	1.63	5	130	23	0.13	<5	<1	16	<20	<0.01	<10	10	3	<10	19
H447217	<1	2.08	<1	130	16	0.21	<5	<1	15	<20	<0.01	<10	10	2	<10	17
H447218	<1	1.24	1	90	11	0.13	<5	<1	8	<20	<0.01	<10	<10	3	<10	14
H447219	<1	0.51	3	90	5	0.02	<5	<1	5	<20	<0.01	<10	<10	4	<10	15

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447220	<1	2.62	1	130	21	0.11	<5	<1	47	<20	<0.01	<10	10	<1	<10	25
H447221	<1	2.56	1	150	21	0.21	<5	<1	50	<20	<0.01	<10	10	1	<10	166
H447222	<1	2.74	1	150	22	0.13	<5	<1	46	<20	<0.01	<10	10	1	<10	44
H447223	<1	2.72	<1	150	22	0.21	<5	<1	50	<20	<0.01	<10	10	1	<10	77
H447224	<1	1.84	<1	140	10	0.1	<5	<1	18	<20	<0.01	<10	<10	2	<10	33
H447225	1	1.98	1	90	5	0.11	<5	<1	18	<20	<0.01	<10	10	3	<10	27
H447226	2	1.84	1	120	24	0.02	<5	<1	19	<20	<0.01	<10	10	1	<10	301
H447227	2	2.68	1	150	14	0.04	<5	<1	26	<20	<0.01	<10	10	2	<10	25
H447228	1	2.03	12	140	8	0.16	<5	<1	22	<20	<0.01	<10	10	2	<10	679
H447229	<1	2.25	6	140	10	0.1	<5	<1	17	<20	<0.01	<10	10	1	<10	55
H447230	<1	1.65	<1	130	11	0.07	<5	<1	22	<20	<0.01	<10	<10	2	<10	42
H447231	<1	2.15	<1	120	14	0.07	<5	<1	36	<20	<0.01	<10	<10	6	<10	32
H447232	<1	1.35	1	120	31	0.04	<5	<1	20	<20	<0.01	<10	<10	2	<10	23
H447233	<1	1.69	3	90	18	0.18	<5	<1	22	<20	<0.01	<10	<10	2	<10	21
H447234	<1	0.02	22	60	9	0.51	<5	13	52	<20	0.11	<10	<10	78	10	37
H447235	<1	<0.01	3	20	<2	0.05	<5	3	16	<20	0.02	<10	<10	12	<10	8
H447236	<1	0.01	19	40	11	0.06	<5	7	9	<20	0.05	<10	<10	53	<10	9
H447237	<1	0.02	15	20	<2	0.15	<5	3	10	<20	0.02	<10	<10	14	<10	10
H447238	<1	3.12	1	120	10	0.21	<5	<1	72	<20	<0.01	<10	10	3	<10	34
H447239	<1	2.5	2	120	10	0.41	<5	<1	46	<20	<0.01	<10	10	3	<10	15
H447240	<1	3.6	1	120	10	0.35	<5	<1	70	<20	<0.01	<10	10	2	<10	27
H447241	<1	3.62	2	130	13	0.39	<5	<1	79	<20	<0.01	<10	10	1	<10	24
H447242	<1	2	2	80	7	0.12	<5	<1	35	<20	<0.01	<10	<10	2	<10	3
H447243	<1	2.81	<1	110	6	0.27	<5	<1	46	<20	<0.01	<10	<10	2	<10	16
H447244	<1	2.82	<1	130	16	0.4	<5	<1	45	<20	<0.01	<10	10	1	<10	40
H447245	<1	2.95	2	140	16	0.45	<5	<1	66	<20	<0.01	<10	10	1	<10	47
H447246	<1	2.72	2	110	23	0.31	<5	<1	42	<20	<0.01	<10	10	1	<10	16

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447247	<1	3.03	1	110	4	0.24	<5	<1	50	<20	<0.01	<10	10	1	<10	19
H447248	<1	2.34	2	130	6	0.3	<5	<1	36	<20	<0.01	<10	10	1	<10	21
H447249	<1	2.47	1	130	8	0.35	<5	<1	38	<20	<0.01	<10	10	1	<10	23
H447250	<1	3.37	2	130	16	0.29	<5	<1	73	<20	0.01	<10	10	1	<10	22
H447251	<1	2.98	2	120	3	0.3	<5	<1	48	<20	<0.01	<10	10	2	<10	21
H447252	<1	3.34	2	120	11	0.29	<5	<1	70	<20	<0.01	<10	10	1	<10	60
H447253	2	3.25	2	130	14	0.19	<5	<1	69	<20	<0.01	<10	10	1	<10	62
H447254	<1	3.16	2	130	10	0.18	<5	<1	62	<20	<0.01	<10	<10	1	<10	64
H447255	<1	3.32	<1	120	12	0.35	<5	<1	68	<20	0.01	<10	10	1	<10	36
H447256	<1	2.59	1	100	12	0.25	<5	<1	43	<20	<0.01	<10	10	3	<10	46
H447257	<1	3.1	1	110	17	0.23	<5	<1	80	<20	0.01	<10	10	1	<10	67
H447258	<1	2.96	2	120	21	0.2	<5	<1	74	<20	0.01	<10	10	1	<10	65
H447259	<1	2.98	1	110	11	0.27	<5	<1	75	<20	0.01	<10	10	<1	<10	87
H447260	<1	3.04	1	100	7	0.27	<5	<1	60	<20	0.01	<10	10	2	<10	96
H447261	<1	2.97	24	170	8	0.45	<5	<1	65	<20	0.01	<10	10	2	<10	73
H447262	<1	3.3	1	130	8	0.11	<5	<1	71	<20	<0.01	<10	10	<1	<10	56
H447263	<1	3	1	120	9	0.12	<5	<1	66	<20	<0.01	<10	10	<1	<10	55
H447264	<1	3.26	1	130	10	0.24	<5	<1	74	<20	<0.01	<10	10	<1	<10	53
H447265	<1	3.04	<1	120	12	0.32	<5	<1	66	<20	<0.01	<10	10	<1	<10	43
H447266	<1	2.84	1	120	11	0.15	<5	<1	68	<20	<0.01	<10	10	<1	<10	49
H447267	<1	3.31	<1	130	12	0.36	<5	<1	69	<20	0.01	<10	<10	<1	<10	50
H447268	<1	2.98	1	110	14	0.34	<5	<1	64	<20	0.01	<10	10	1	<10	127
H447269	<1	3.14	1	130	9	0.08	<5	<1	77	<20	<0.01	<10	10	<1	<10	66
H447270	<1	3.39	2	130	13	0.18	<5	<1	71	<20	<0.01	<10	10	<1	<10	50
H447271	<1	3.04	<1	110	5	0.26	<5	<1	75	<20	0.01	<10	10	<1	<10	61
H447272	<1	3.08	<1	110	8	0.12	<5	<1	82	<20	0.01	<10	10	<1	<10	87
H447273	<1	3.24	<1	110	10	0.25	<5	<1	69	<20	0.01	<10	<10	1	<10	190
H447274	<1	2.85	1	90	5	0.14	<5	<1	71	<20	0.01	<10	10	<1	<10	36
H447275	<1	2.46	<1	90	<2	0.11	<5	<1	63	<20	0.01	<10	<10	1	<10	21
H447276	<1	2.94	<1	90	4	0.14	<5	<1	71	<20	0.01	<10	10	1	<10	20
H447277	<1	2.54	<1	90	2	0.34	<5	<1	61	<20	0.01	<10	10	1	<10	30
H447278	<1	2.78	1	100	15	0.19	<5	<1	78	<20	0.01	<10	10	<1	<10	41
H447279	<1	3.18	<1	100	5	0.2	<5	<1	67	<20	<0.01	<10	10	1	<10	37

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447280	<1	3.09	1	120	9	0.32	<5	<1	73	<20	<0.01	<10	10	<1	<10	45
H447281	<1	3.33	<1	130	12	0.21	<5	<1	76	<20	<0.01	<10	10	<1	<10	65
H447282	<1	3.18	<1	130	109	0.23	<5	<1	74	<20	<0.01	<10	10	1	<10	98
H447283	<1	3.69	1	140	9	0.31	<5	<1	24	<20	<0.01	<10	10	2	<10	14
H447284	<1	3.5	<1	120	8	0.19	<5	<1	65	<20	<0.01	<10	10	1	<10	35
H447285	<1	3.3	11	120	7	0.51	<5	<1	55	<20	<0.01	<10	10	1	<10	31
H447286	<1	3.81	10	140	10	0.53	<5	<1	70	<20	<0.01	<10	10	1	<10	31
H447287	<1	2.85	4	130	6	0.3	<5	<1	59	<20	<0.01	<10	10	<1	<10	39
H447288	<1	3.31	4	140	10	0.41	<5	<1	70	<20	<0.01	<10	<10	<1	<10	76
H447289	<1	3.35	2	120	6	0.36	<5	<1	79	<20	0.01	<10	10	1	<10	39
H447290	<1	3.3	4	130	6	0.34	<5	<1	58	<20	0.01	<10	10	1	<10	49
H447291	<1	2.31	2	100	2	0.15	<5	<1	41	<20	<0.01	<10	10	1	<10	8
H447292	<1	3.54	7	140	6	0.17	<5	<1	75	<20	<0.01	<10	10	1	<10	32
H447293	<1	2.49	3	100	5	0.25	<5	<1	47	<20	<0.01	<10	<10	1	<10	20
H447294	<1	3.4	5	130	6	0.22	<5	<1	65	<20	<0.01	<10	10	1	<10	37
H447295	<1	2.75	2	100	13	0.25	<5	<1	48	<20	<0.01	<10	10	3	<10	22
H447296	<1	3.27	2	110	5	0.18	<5	<1	52	<20	<0.01	<10	10	1	<10	37
H447297	<1	2.86	1	110	8	0.26	<5	<1	48	<20	<0.01	<10	10	1	<10	35
H447298	<1	2.65	2	100	6	0.32	<5	<1	47	<20	<0.01	<10	<10	2	10	31
H447299	<1	2.44	<1	110	5	0.37	<5	<1	42	<20	<0.01	<10	<10	1	<10	28
H447300	<1	2.88	1	100	5	0.32	<5	<1	52	<20	<0.01	<10	10	1	10	25
H447301	<1	3.22	<1	110	4	0.38	<5	<1	58	<20	<0.01	<10	10	1	<10	29
H447302	1	2.8	1	90	2	0.3	<5	<1	41	<20	<0.01	<10	10	2	<10	10
H447303	<1	3.53	1	100	7	0.13	<5	<1	55	<20	0.01	<10	10	4	<10	8
H447304	<1	4	1	90	4	0.01	<5	<1	78	<20	<0.01	<10	10	2	<10	4
H447305	<1	3.53	1	110	5	0.44	<5	<1	73	<20	<0.01	<10	10	1	<10	26
H447306	<1	3.22	1	120	9	0.46	<5	1	68	<20	0.01	<10	10	1	<10	42

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447307	<1	2.61	1	110	3	0.28	<5	<1	45	<20	<0.01	<10	10	1	<10	28
H447308	<1	2.28	<1	100	19	0.37	<5	<1	40	<20	<0.01	<10	<10	1	<10	35
H447309	<1	3.18	<1	110	16	0.12	<5	<1	61	<20	<0.01	<10	10	<1	<10	39
H447310	<1	3.38	<1	120	11	0.26	<5	<1	67	<20	<0.01	<10	10	1	<10	55
H447311	<1	3.04	1	100	13	0.41	<5	<1	64	<20	<0.01	<10	10	4	<10	28
H447312	<1	2.66	<1	110	18	0.35	<5	<1	46	<20	<0.01	<10	10	1	<10	17
H447313	<1	1.93	1	60	3	0.14	<5	<1	25	<20	<0.01	<10	<10	4	<10	4
H447314	<1	3.49	1	120	10	0.23	<5	<1	70	<20	<0.01	<10	10	2	<10	12
H447315	<1	2.38	<1	90	10	0.22	<5	<1	44	<20	<0.01	<10	10	1	<10	41
H447316	<1	2.72	<1	110	8	0.04	<5	<1	50	<20	<0.01	<10	10	1	<10	12
H447317	<1	2.86	<1	110	8	0.32	<5	<1	49	<20	<0.01	<10	10	<1	<10	56
H447318	<1	2.22	<1	120	3	0.3	<5	<1	45	<20	0.01	<10	10	1	<10	66
H447319	<1	2.35	1	110	3	0.39	<5	<1	43	<20	0.01	<10	<10	1	<10	41
H447320	<1	2.13	<1	80	2	0.28	<5	<1	44	<20	<0.01	<10	<10	1	<10	15
H447321	<1	2.44	3	110	4	0.16	<5	<1	48	<20	<0.01	<10	<10	1	<10	50
H447322	<1	3.01	2	120	6	0.4	<5	<1	44	<20	<0.01	<10	10	1	<10	39
H447323	<1	2.09	1	80	4	0.07	<5	<1	18	<20	<0.01	<10	10	6	<10	12
H447324	<1	2.82	<1	120	21	0.34	<5	<1	49	<20	0.01	<10	10	1	10	32
H447325	<1	1.38	1	110	88	0.33	<5	<1	22	<20	0.01	<10	<10	2	<10	84
H447326	<1	1	<1	90	22	0.21	<5	<1	14	<20	0.01	<10	<10	2	<10	24
H447327	<1	2.46	<1	120	33	0.23	<5	<1	41	<20	0.01	<10	10	1	<10	54
H447328	<1	2.62	<1	120	20	0.27	<5	<1	46	<20	<0.01	<10	10	1	10	44
H447329	<1	2.76	<1	110	12	0.41	<5	<1	44	<20	<0.01	<10	10	1	<10	35
H447330	<1	3.31	1	120	28	0.38	<5	<1	51	<20	<0.01	<10	10	2	<10	51
H447331	<1	0.7	<1	40	31	0.13	<5	<1	10	<20	<0.01	<10	<10	3	<10	13
H447332	<1	1.03	<1	80	29	0.34	<5	<1	14	<20	<0.01	<10	<10	3	<10	29
H447333	<1	1.04	1	60	19	0.27	<5	<1	14	<20	<0.01	<10	<10	2	<10	18
H447334	<1	1	<1	60	45	0.06	<5	<1	12	<20	<0.01	<10	<10	2	<10	12
H447335	<1	2.31	<1	80	20	0.31	<5	<1	49	<20	<0.01	<10	<10	4	<10	50

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447336	2	3.08	1	70	29	0.19	<5	<1	39	<20	<0.01	<10	10	4	<10	6
H447337	<1	3.7	<1	130	16	0.47	<5	<1	50	<20	<0.01	<10	10	2	<10	18
H447338	<1	2.73	<1	110	29	0.24	<5	<1	43	<20	<0.01	<10	10	2	10	35
H447339	7	2.18	1	100	8	0.37	<5	<1	32	<20	<0.01	<10	<10	4	<10	18
H447340	<1	1.31	1	110	57	0.32	<5	<1	17	<20	0.01	<10	<10	4	<10	78
H447341	<1	2.69	<1	120	29	0.33	<5	<1	52	<20	0.01	<10	10	1	10	82
H447342	<1	2.96	<1	110	9	0.1	<5	<1	64	<20	0.01	<10	10	<1	<10	47
H447343	<1	2.75	<1	120	13	0.29	<5	<1	55	<20	0.01	<10	10	1	<10	62
H447344	<1	2.73	<1	120	23	0.44	<5	<1	56	<20	0.01	<10	10	1	<10	39
H447345	<1	2.77	<1	120	25	0.51	<5	<1	50	<20	0.01	<10	10	1	<10	34
H447346	<1	3	1	110	10	0.28	<5	<1	59	<20	0.01	<10	10	5	<10	15
H447347	<1	2.55	<1	100	9	0.26	<5	<1	44	<20	0.01	<10	10	6	<10	10
H447348	<1	0.64	<1	90	7	0.13	<5	<1	10	<20	<0.01	<10	<10	5	<10	15
H447349	<1	0.71	<1	70	9	0.14	<5	<1	9	<20	<0.01	<10	<10	3	<10	19
H447350	<1	0.45	<1	70	10	0.11	<5	<1	7	<20	<0.01	<10	<10	2	<10	14
H447351	<1	1.34	<1	80	7	0.26	<5	<1	18	<20	<0.01	<10	<10	2	<10	17
H447352	1	0.86	<1	30	21	0.08	<5	<1	11	<20	<0.01	<10	<10	1	<10	5
H447353	<1	3.73	<1	110	25	0.03	<5	<1	77	<20	<0.01	<10	10	3	<10	10
H447354	<1	1.88	<1	100	5	0.39	<5	<1	24	<20	0.01	<10	<10	2	10	24
H447355	<1	1.77	2	80	4	0.16	<5	<1	19	<20	<0.01	<10	<10	2	<10	61
H447356	<1	0.44	<1	50	33	0.03	<5	<1	5	<20	<0.01	<10	<10	2	<10	17
H447357	1	3.18	1	130	7	0.35	<5	<1	62	<20	0.01	<10	10	2	<10	33
H447358	1	3	1	130	12	0.5	<5	<1	45	<20	0.01	<10	10	2	<10	26
H447359	1	3.13	<1	120	9	0.45	<5	<1	47	<20	0.01	<10	10	2	<10	27
H447360	<1	3.02	<1	110	15	0.34	<5	<1	53	<20	<0.01	<10	10	2	<10	23
H447361	<1	2.86	1	100	12	0.35	<5	<1	44	<20	<0.01	<10	10	2	<10	31
H447362	<1	1.62	<1	70	17	0.24	<5	<1	23	<20	<0.01	<10	<10	1	<10	14
H447363	<1	1.99	<1	80	4	0.34	<5	<1	25	<20	<0.01	<10	<10	3	<10	7
H447364	<1	3.19	<1	130	3	0.21	<5	<1	34	<20	<0.01	<10	10	3	<10	15
H447365	2	2.94	<1	100	18	0.51	<5	<1	44	<20	0.01	<10	<10	2	<10	19
H447366	1	2.74	<1	100	6	0.42	<5	<1	47	<20	0.01	<10	10	1	<10	20

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447367	1	2.54	<1	130	6	0.38	<5	<1	48	<20	0.01	<10	<10	2	<10	28
H447368	2	2.73	<1	120	5	0.37	<5	<1	48	<20	0.01	<10	<10	4	<10	17
H447369	5	1.45	<1	90	27	0.33	<5	<1	20	<20	<0.01	<10	<10	2	<10	87
H447370	2	0.21	<1	50	4	0.1	<5	<1	4	<20	<0.01	<10	<10	2	<10	2
H447371	<1	1.49	<1	40	6	0.16	<5	<1	26	<20	<0.01	<10	<10	7	<10	3
H447372	1	2.47	<1	100	31	0.35	<5	<1	38	<20	0.01	<10	<10	4	<10	11
H447373	1	0.97	<1	20	4	0.04	<5	<1	13	<20	<0.01	<10	<10	7	<10	<2
H447374	1	2.03	1	70	57	0.24	<5	<1	29	<20	<0.01	<10	<10	4	<10	6
H447375	1	2.44	1	100	21	0.33	<5	<1	30	<20	<0.01	<10	<10	4	<10	34
H447376	3	0.58	<1	20	5	0.33	<5	<1	7	<20	<0.01	<10	<10	2	<10	<2
H447377	<1	0.17	<1	10	3	0.12	<5	<1	3	<20	<0.01	<10	<10	1	<10	<2
H447378	<1	2.77	<1	120	5	0.29	<5	<1	58	<20	0.01	<10	10	1	<10	58
H447379	<1	2.51	<1	120	33	0.54	<5	<1	49	<20	0.01	<10	<10	2	10	51
H447380	<1	1.41	<1	110	13	0.31	<5	<1	30	<20	0.01	<10	<10	2	<10	93
H447381	1	2.8	<1	120	12	0.45	<5	<1	58	<20	0.01	<10	10	1	<10	18
H447382	<1	0.65	<1	20	23	0.05	<5	<1	13	<20	<0.01	<10	<10	1	<10	8
H447383	<1	3.25	<1	120	9	0.23	<5	<1	49	<20	0.01	<10	10	1	<10	8
H447384	1	1.78	<1	60	4	0.13	<5	<1	34	<20	<0.01	<10	<10	1	<10	4
H447385	1	1.86	<1	100	6	0.1	<5	<1	27	<20	<0.01	<10	<10	2	<10	20
H447386	1	1.27	<1	100	26	0.4	<5	<1	18	<20	0.01	<10	<10	2	<10	1610
H447387	<1	0.37	<1	60	44	0.22	<5	<1	6	<20	<0.01	<10	<10	2	<10	15
H447388	<1	0.07	<1	10	3	0.01	<5	<1	1	<20	<0.01	<10	<10	2	<10	2
H447389	<1	2.99	6	140	14	0.29	<5	<1	40	<20	<0.01	<10	10	1	<10	62
H447390	<1	3.25	<1	150	15	0.28	<5	<1	52	<20	<0.01	<10	10	<1	<10	51
H447391	<1	3.12	<1	150	13	0.22	<5	<1	50	<20	<0.01	<10	10	1	<10	23
H447392	<1	2.54	2	130	7	0.26	<5	<1	35	<20	<0.01	<10	<10	1	<10	27
H447393	<1	3.42	1	140	7	0.19	<5	<1	23	<20	<0.01	<10	<10	2	<10	14
H447394	1	2.65	1	110	31	0.08	<5	<1	18	<20	<0.01	<10	<10	1	<10	10
H447395	3	2.26	2	100	16	0.15	<5	<1	27	<20	<0.01	<10	<10	1	<10	9
H447396	1	2.6	2	140	68	0.11	<5	<1	38	<20	<0.01	<10	10	2	<10	50

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447397	<1	1.49	1	110	14	0.07	<5	<1	20	<20	<0.01	<10	10	2	<10	51
H447398	<1	1.99	2	110	15	0.12	<5	<1	30	<20	<0.01	<10	<10	2	<10	74
H447399	<1	2.78	<1	120	8	0.08	<5	<1	32	<20	<0.01	<10	10	1	<10	23
H447400	<1	3.15	<1	140	15	0.28	<5	<1	39	<20	<0.01	<10	<10	2	<10	26
H447401	<1	3.04	<1	140	31	0.31	<5	<1	47	<20	<0.01	<10	10	2	<10	36
H447402	<1	2.99	1	120	9	0.34	<5	<1	45	<20	<0.01	<10	10	2	<10	364
H447403	1	2.67	<1	130	15	0.19	<5	<1	43	<20	<0.01	<10	<10	2	<10	114
H447404	<1	2.75	1	130	123	0.23	<5	<1	47	<20	<0.01	<10	<10	1	<10	243
H447405	<1	3.04	<1	140	18	0.2	<5	<1	42	<20	<0.01	<10	10	2	<10	131
H447406	<1	2.3	<1	130	15	0.15	<5	<1	35	<20	<0.01	<10	<10	2	<10	35
H447407	<1	3.02	<1	130	10	0.19	<5	<1	50	<20	<0.01	<10	10	1	<10	16
H447408	<1	1.82	2	100	14	0.05	<5	<1	20	<20	<0.01	<10	<10	2	<10	27
H447409	<1	2.69	2	100	8	0.09	<5	<1	39	<20	<0.01	<10	10	1	<10	11
H447410	1	1.96	<1	70	12	0.11	<5	<1	31	<20	<0.01	<10	10	1	<10	9
H447411	<1	2.83	1	110	7	0.08	<5	<1	52	<20	<0.01	<10	10	1	<10	42
H447412	3	2.9	3	120	9	0.23	<5	<1	47	<20	<0.01	<10	10	1	<10	9
H447413	5	2.29	1	80	13	0.09	<5	<1	37	<20	<0.01	<10	<10	1	<10	4
H447414	1	1.38	1	60	13	0.02	<5	<1	22	<20	<0.01	<10	<10	1	<10	2
H447415	1	0.6	3	20	5	0.03	<5	<1	8	<20	<0.01	<10	<10	1	<10	4
H447416	1	2.23	2	120	8	0.06	<5	<1	22	<20	<0.01	<10	10	2	<10	12
H447417	1	0.72	3	40	5	0.04	<5	<1	10	<20	<0.01	<10	<10	1	<10	5
H447418	5	1.95	3	90	24	0.08	<5	<1	33	<20	<0.01	<10	10	1	<10	20
H447419	1	3.25	1	150	13	0.08	<5	<1	51	<20	<0.01	<10	10	1	<10	4
H447420	<1	3.38	1	140	15	0.12	<5	<1	57	<20	<0.01	<10	10	1	<10	8
H447421	<1	3.6	3	150	16	0.25	<5	<1	61	<20	<0.01	<10	10	1	<10	23
H447422	1	3.24	2	150	19	0.24	<5	<1	60	<20	<0.01	<10	10	1	<10	23
H447423	2	3.43	1	140	13	0.12	<5	<1	59	<20	<0.01	<10	10	1	<10	21
H447424	3	2.78	2	110	10	0.09	<5	<1	45	<20	<0.01	<10	10	1	<10	14
H447425	1	3.1	2	140	28	0.27	<5	<1	52	<20	<0.01	<10	10	1	<10	35
H447426	1	2.83	2	140	17	0.12	<5	<1	45	<20	<0.01	<10	10	1	<10	50
H447427	<1	2.65	2	80	3	0.01	<5	<1	27	<20	<0.01	<10	10	1	<10	9
H447428	1	0.18	2	10	5	0.05	<5	<1	3	<20	<0.01	<10	<10	1	<10	<2
H447429	<1	0.85	2	20	2	0.04	<5	<1	14	<20	<0.01	<10	<10	<1	<10	2
H447430	<1	3.13	3	130	7	0.23	<5	<1	37	<20	<0.01	<10	10	1	<10	23

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447431	<1	3.05	2	130	17	0.12	<5	<1	28	<20	<0.01	<10	10	1	<10	16
H447432	<1	2.77	2	110	7	0.08	<5	<1	16	<20	<0.01	<10	10	2	<10	15
H447433	1	3.34	3	130	4	0.22	<5	<1	23	<20	<0.01	<10	10	2	<10	14
H447434	<1	2.69	3	120	4	0.08	<5	<1	18	<20	<0.01	<10	10	2	<10	41
H447435	<1	3.43	2	140	37	0.12	<5	<1	27	<20	<0.01	<10	10	2	<10	63
H447436	1	2.76	2	100	20	0.12	<5	<1	26	<20	<0.01	<10	10	2	<10	13
H447437	<1	1.18	2	50	6	0.11	<5	<1	23	<20	<0.01	<10	<10	<1	<10	13
H447438	1	1.94	2	80	9	0.08	<5	<1	33	<20	<0.01	<10	10	1	<10	25
H447439	2	2.3	3	110	15	0.22	<5	<1	29	<20	<0.01	<10	10	1	<10	26
H447440	3	2.21	2	100	11	0.07	<5	<1	42	<20	<0.01	<10	10	1	<10	11
H447441	<1	2.99	2	130	11	0.13	<5	<1	60	<20	<0.01	<10	10	1	<10	30
H447442	<1	2.7	2	160	10	0.26	<5	<1	42	<20	<0.01	<10	10	2	<10	24
H447443	1	2.47	2	120	26	0.18	<5	<1	38	<20	<0.01	<10	10	1	<10	47
H447444	1	2.72	3	130	11	0.27	<5	<1	51	<20	<0.01	<10	10	1	<10	33
H447445	1	2.4	3	130	12	0.17	<5	<1	42	<20	<0.01	<10	10	1	<10	20
H447446	<1	2.61	4	140	8	0.19	<5	<1	46	<20	<0.01	<10	10	2	<10	30
H447447	1	3.07	3	140	25	0.25	<5	<1	61	<20	<0.01	<10	10	1	<10	36
H447448	<1	3.1	2	140	9	0.34	<5	<1	58	<20	<0.01	<10	10	1	<10	86
H447449	<1	2.01	2	120	5	0.05	<5	<1	16	<20	<0.01	<10	10	2	<10	25
H447450	2	3.1	3	110	10	0.15	<5	<1	47	<20	<0.01	<10	10	1	<10	15
H447451	2	0.83	3	40	12	0.12	<5	<1	11	<20	<0.01	<10	<10	1	<10	8
H447452	5	0.18	2	10	5	0.13	<5	<1	<1	<20	<0.01	<10	<10	1	<10	3
H447453	1	0.01	1	10	4	0.07	<5	<1	<1	<20	<0.01	<10	<10	1	<10	<2
H447454	<1	3.21	4	130	7	0.28	<5	<1	34	<20	<0.01	<10	10	2	<10	171
H447455	3	0.62	2	90	62	0.19	<5	<1	6	<20	<0.01	<10	<10	4	<10	1025
H447456	2	1.79	<1	90	10	0.04	<5	<1	16	<20	<0.01	<10	10	4	<10	43
H447457	1	3.41	1	140	17	0.13	<5	<1	27	<20	<0.01	<10	10	2	<10	54
H447458	<1	3.29	1	130	9	0.15	<5	<1	31	<20	<0.01	<10	10	2	<10	27
H447459	5	1.8	1	50	7	0.22	<5	<1	18	<20	<0.01	<10	<10	3	<10	7
H447460	3	2.13	1	80	10	0.14	<5	<1	31	<20	<0.01	<10	10	1	<10	10
H447461	1	3.13	<1	120	7	0.11	<5	<1	42	<20	<0.01	<10	10	1	<10	15
H447462	1	3.55	2	140	8	0.17	<5	<1	42	<20	<0.01	<10	10	2	<10	23

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447463	3	2.82	2	140	23	0.19	<5	<1	48	<20	<0.01	<10	<10	1	<10	16
H447464	1	2.89	1	130	22	0.24	22	<1	50	<20	<0.01	<10	10	1	<10	14
H447465	<1	3.2	<1	140	14	0.24	16	<1	51	<20	<0.01	<10	10	<1	<10	23
H447466	<1	2.71	<1	130	10	0.13	10	<1	45	<20	<0.01	<10	10	1	<10	29
H447467	<1	3.09	<1	130	15	0.19	7	<1	50	<20	<0.01	<10	10	1	<10	42
H447468	1	3.02	<1	130	12	0.28	<5	<1	52	<20	<0.01	<10	<10	1	<10	12
H447469	1	1.58	2	70	11	0.07	<5	<1	20	<20	<0.01	<10	<10	<1	<10	8
H447470	1	2.38	1	80	33	0.04	<5	<1	36	<20	<0.01	<10	10	1	<10	4
H447471	1	2.87	2	100	24	0.08	<5	<1	44	<20	<0.01	<10	10	1	<10	12
H447472	2	3.46	7	130	13	0.11	<5	<1	49	<20	<0.01	<10	10	1	<10	11
H447473	<1	2.89	3	110	12	0.1	<5	<1	39	<20	<0.01	<10	10	<1	<10	8
H447474	9	2.79	<1	120	14	0.12	<5	<1	36	<20	<0.01	<10	10	1	<10	76
H447475	1	2.99	<1	130	15	0.1	<5	<1	45	<20	<0.01	<10	10	1	<10	104
H447476	1	3.37	<1	140	17	0.08	<5	<1	57	<20	<0.01	<10	<10	1	<10	13
H447477	<1	1.85	1	80	14	0.06	<5	<1	35	<20	<0.01	<10	<10	<1	<10	6
H447478	1	3.3	1	130	13	0.04	<5	<1	54	<20	<0.01	<10	10	1	<10	8
H447479	<1	2.8	<1	140	20	0.1	<5	<1	40	<20	<0.01	<10	10	<1	<10	14
H447480	1	3.1	1	130	19	0.14	<5	<1	48	<20	<0.01	<10	10	1	<10	81
H447481	1	3.31	1	130	14	0.13	<5	<1	54	<20	<0.01	<10	10	1	<10	37
H447482	3	2.59	<1	110	12	0.1	<5	<1	37	<20	<0.01	<10	10	1	<10	48
H447483	2	3.27	<1	150	17	0.11	<5	<1	48	<20	<0.01	<10	10	1	<10	12
H447484	<1	3	<1	130	13	0.08	<5	<1	49	<20	<0.01	<10	10	1	<10	12
H447485	<1	2.9	1	100	138	0.03	<5	<1	48	<20	<0.01	<10	10	<1	<10	45
H447486	3	3.42	3	140	9	0.19	<5	<1	37	<20	<0.01	<10	10	1	<10	24
H447487	2	2.05	3	100	17	0.15	<5	<1	15	<20	<0.01	<10	10	2	<10	15
H447488	2	2.99	1	140	10	0.15	<5	<1	28	<20	<0.01	<10	10	4	<10	30
H447489	1	2.44	6	110	8	0.13	<5	<1	21	<20	<0.01	<10	10	4	<10	24
H447490	1	0.93	3	40	10	0.11	<5	<1	10	<20	<0.01	<10	<10	2	<10	5
H447491	<1	2.31	3	70	17	0.04	<5	<1	24	<20	<0.01	<10	10	2	<10	9
H447492	<1	3.1	2	140	60	0.14	<5	<1	23	<20	<0.01	<10	<10	2	<10	15
H447493	2	2.51	2	120	60	0.11	<5	<1	21	<20	<0.01	<10	10	3	<10	15
H447494	1	2.63	<1	140	21	0.19	<5	<1	18	<20	<0.01	<10	10	2	<10	21

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H447495	1	1.2	<1	130	21	0.21	<5	<1	16	<20	<0.01	<10	<10	1	<10	49
H447496	1	2.64	1	120	21	0 26	<5	<1	30	<20	<0.01	<10	<10	1	<10	77
H447497	<1	2.57	1	140	9	0.15	<5	<1	21	<20	<0.01	<10	10	3	<10	24
H447498	<1	3.2	1	170	8	0.2	<5	<1	28	<20	<0.01	<10	10	3	<10	42
H447499	<1	3.37	1	140	11	0.27	<5	<1	36	<20	<0.01	<10	10	2	<10	46
H447500	<1	2.96	1	140	9	0.31	<5	<1	39	<20	<0.01	<10	10	2	<10	31
H449501	16	2.72	1	130	5	0.17	<5	<1	34	<20	<0.01	<10	10	2	<10	21
H449502	1	2.09	1	90	23	0.11	<5	<1	32	<20	<0.01	<10	10	2	<10	9
H449503	<1	2.92	<1	140	9	0.19	<5	<1	46	<20	<0.01	<10	10	1	<10	50
H449504	4	0.01	1	10	9	0.41	<5	<1	<1	<20	<0.01	<10	<10	1	<10	<2
H449505	1	0.02	1	<10	9	0.03	<5	<1	<1	<20	<0.01	<10	<10	1	<10	<2
H449506	1	2.27	1	100	21	0.14	<5	<1	31	<20	<0.01	<10	10	1	<10	22
H449507	1	2.29	<1	100	17	0.22	<5	<1	22	<20	<0.01	<10	10	2	<10	28
H449508	2	0.91	<1	70	105	0.35	<5	<1	7	<20	<0.01	<10	<10	1	<10	84
H449509	<1	2.36	1	110	11	0.09	<5	<1	22	<20	<0.01	<10	10	3	<10	32
H449510	<1	2.37	<1	90	22	0.06	<5	<1	35	<20	<0.01	<10	10	1	<10	17
H449511	1	1.37	1	70	641	0.09	<5	<1	18	<20	<0.01	<10	<10	1	<10	59
H449512	<1	0.9	1	40	16	0.02	<5	<1	17	<20	<0.01	<10	10	<1	<10	11
H449513	1	1.62	3	100	16	0.02	<5	<1	19	<20	<0.01	<10	10	3	<10	19
H449514	1	3.14	4	140	22	0.22	<5	<1	43	<20	<0.01	<10	10	2	<10	30
H449515	1	2.68	2	130	88	0.12	<5	<1	32	<20	<0.01	<10	10	2	<10	42
H449516	<1	3.27	2	150	97	0.17	<5	<1	54	<20	<0.01	<10	10	1	<10	97
H449517	<1	3.37	1	160	46	0.26	<5	<1	50	<20	<0.01	<10	10	1	<10	61
H449518	1	0.81	2	70	14	0.12	<5	<1	11	<20	<0.01	<10	<10	2	<10	30
H449519	7	0.34	1	110	49	0.18	<5	1	6	<20	0.02	<10	<10	12	<10	6
H449520	4	0.15	2	100	114	0.2	<5	1	4	<20	0.02	<10	<10	11	<10	41
H449521	3	0.12	1	20	6	0.04	<5	<1	2	<20	<0.01	<10	<10	5	<10	5
H449522	7	0.22	2	20	13	0.04	<5	<1	2	<20	<0.01	<10	<10	3	<10	4
H449523	1	2.21	1	130	16	0.11	<5	<1	25	<20	<0.01	<10	10	5	<10	29

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H449524	11	0.57	1	230	71	1.19	<5	1	12	<20	0.05	<10	<10	6	<10	133
H449525	<1	3.11	1	180	15	0.31	<5	1	46	<20	0.01	<10	10	5	<10	77
H449526	6	2.63	1	140	47	0.3	<5	<1	41	<20	<0.01	<10	10	3	<10	51
H449527	5	2.13	1	120	126	0.2	<5	<1	30	<20	<0.01	<10	10	3	<10	32
H449528	5	2.66	1	170	58	0.22	<5	<1	55	<20	0.02	<10	<10	2	<10	116
H449529	1	2.87	1	150	76	0.17	<5	<1	45	<20	<0.01	<10	10	2	<10	23
H449530	3	2.41	1	140	98	0.08	<5	<1	33	<20	<0.01	<10	10	2	<10	21
H449531	6	0.73	<1	40	75	0.02	<5	<1	12	<20	<0.01	<10	<10	1	<10	7
H449532	<1	3.39	1	140	30	0.08	<5	<1	50	<20	<0.01	<10	10	<1	<10	20
H449533	<1	3.35	1	160	24	0.05	<5	<1	60	<20	<0.01	<10	10	1	<10	16
H449534	1	3.44	1	140	21	0.14	<5	<1	42	<20	<0.01	<10	10	1	<10	36
H449535	1	1.82	<1	100	21	0.06	<5	<1	31	<20	<0.01	<10	10	1	<10	30
H449536	<1	1.61	55	430	<2	0.09	<5	44	115	<20	0.72	<10	<10	336	<10	112
H449537	<1	1.83	58	440	2	0.07	<5	45	173	<20	0.75	<10	<10	357	<10	107
H449538	<1	1.67	58	460	4	0.07	<5	40	110	<20	0.76	<10	<10	358	<10	110
H449539	<1	1.88	61	440	2	0.09	<5	46	117	<20	0.75	<10	<10	362	<10	120
H449540	<1	1.42	57	440	2	0.05	<5	42	121	<20	0.74	<10	<10	353	<10	113
H449541	<1	1.63	58	440	3	0.05	<5	44	105	<20	0.73	<10	<10	346	<10	113
H449542	<1	1.78	56	440	3	0.09	<5	46	105	<20	0.74	<10	<10	349	<10	119
H449543	<1	1.93	55	450	<2	0.07	<5	45	170	<20	0.74	<10	<10	352	<10	103
H449544	<1	1.76	60	470	3	0.07	<5	46	108	<20	0.75	<10	<10	366	<10	121
H449545	<1	1.9	60	450	4	0.07	<5	46	117	<20	0.75	<10	<10	356	<10	117
H449546	<1	1.91	56	410	2	0.13	<5	43	222	<20	0.7	<10	<10	342	<10	107
H449547	<1	1.84	60	430	3	0.07	<5	45	132	<20	0.73	<10	<10	355	<10	116
H449548	<1	1.48	58	430	<2	0.13	<5	43	147	<20	0.72	<10	<10	332	<10	102
H449549	<1	2.14	47	520	4	0.03	<5	31	162	<20	0.59	<10	<10	257	<10	101
H449550	<1	1.75	57	440	2	0.08	<5	42	101	<20	0.74	<10	<10	347	<10	104
H449551	<1	1.98	60	470	<2	0.04	<5	47	109	<20	0.77	<10	<10	364	<10	115
H449552	<1	1.93	56	450	<2	0.05	<5	44	100	<20	0.74	<10	<10	342	<10	111
H449553	<1	1.67	57	440	<2	0.07	<5	44	103	<20	0.74	<10	<10	345	<10	108
H449554	<1	1.48	57	440	<2	0.08	<5	45	105	<20	0.74	<10	<10	347	<10	109
H449555	<1	1.49	54	410	<2	0.04	<5	43	106	<20	0.7	<10	<10	329	<10	105
H449556	<1	1.49	57	430	<2	0.07	<5	45	116	<20	0.74	<10	<10	344	<10	109
H449557	<1	1.51	56	430	<2	0.06	<5	44	123	<20	0.74	<10	<10	344	<10	106
H449558	<1	1.2	55	400	<2	0.02	<5	43	117	<20	0.7	<10	<10	334	<10	108
H449559	<1	1.44	57	440	<2	0.05	<5	43	92	<20	0.74	<10	<10	342	<10	125
H449560	<1	1.49	55	420	<2	0.06	<5	43	99	<20	0.72	<10	<10	338	<10	110

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H449561	<1	1.52	60	440	<2	0.02	<5	46	115	<20	0.77	<10	<10	362	<10	106
H449562	<1	1.36	59	400	2	0.08	<5	44	119	<20	0.72	<10	<10	342	<10	106
H449563	<1	1.54	59	410	<2	0.1	<5	43	133	<20	0.72	<10	<10	338	<10	112
H449564	<1	2.17	50	440	2	0.1	<5	36	113	<20	0.62	<10	10	287	<10	107
H449565	<1	1.66	<1	140	26	0.13	<5	1	22	<20	0.03	<10	<10	7	<10	18
H449566	<1	2.89	<1	80	4	0.02	<5	<1	56	<20	<0.01	<10	10	3	<10	5
H449567	<1	2.92	<1	140	28	0.21	<5	<1	46	<20	<0.01	<10	10	1	<10	50
H449568	<1	2.67	<1	120	27	0.19	<5	<1	47	<20	<0.01	<10	10	1	<10	20
H449569	<1	2.54	<1	110	497	0.23	<5	<1	49	<20	<0.01	<10	10	1	<10	29
H449570	<1	3.06	1	140	16	0.27	<5	<1	53	<20	<0.01	<10	10	1	<10	52
H449571	<1	3.16	1	140	15	0.23	<5	<1	56	<20	<0.01	<10	10	1	<10	35
H449572	<1	3.53	1	140	30	0.25	<5	<1	54	<20	<0.01	<10	10	1	<10	39
H449573	<1	2.35	<1	100	12	0.3	<5	<1	41	<20	<0.01	<10	10	1	<10	148
H449574	<1	2.79	<1	140	30	0.23	<5	<1	48	<20	<0.01	<10	10	1	<10	142
H449575	11	2.6	<1	130	26	0.18	<5	<1	44	<20	<0.01	<10	10	1	<10	59
H449576	<1	2.05	1	90	45	0.07	<5	<1	36	<20	<0.01	<10	10	1	<10	22
H449577	<1	3.15	<1	140	12	0.29	<5	<1	60	<20	<0.01	<10	10	2	<10	22
H449578	<1	3.39	<1	140	56	0.29	<5	<1	60	<20	<0.01	<10	10	<1	<10	33
H449579	<1	3.2	<1	150	19	0.4	<5	<1	65	<20	<0.01	<10	10	<1	<10	46
H449580	1	2.42	<1	130	9	0.37	<5	<1	46	<20	<0.01	<10	10	1	<10	82
H449581	1	3.17	<1	160	14	0.35	<5	<1	45	<20	<0.01	<10	10	1	<10	144
H449582	2	3.28	2	160	13	0.35	<5	<1	59	<20	<0.01	<10	10	1	<10	31
H449583	2	3.11	<1	140	16	0.31	<5	<1	50	<20	<0.01	<10	10	<1	<10	23
H449584	<1	2.52	<1	130	4	0.05	<5	1	258	<20	0.04	<10	10	<1	<10	35
H449585	<1	2.55	3	160	5	0.08	<5	1	272	<20	0.05	<10	<10	<1	<10	44
H449586	<1	2.52	5	150	8	0.33	<5	1	204	<20	0.04	<10	10	1	<10	28
H449587	4	4.3	<1	540	26	0.8	<5	1	249	<20	0.06	<10	10	5	<10	41
H449588	<1	2.73	3	110	4	0.71	<5	1	175	<20	0.05	<10	10	2	<10	24
H449589	<1	3.37	1	170	9	0.59	<5	1	153	<20	0.03	<10	10	1	<10	18
H449590	18	4.52	1	290	20	0.35	<5	1	97	<20	0.02	<10	10	4	<10	21

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H449591	<1	5.4	<1	250	17	0.54	<5	1	218	<20	0.03	<10	10	4	<10	21
H449592	<1	0.16	95	280	6	0.07	<5	38	55	<20	0.49	<10	<10	266	<10	192
H449593	<1	1.07	98	330	2	0.27	<5	31	64	<20	0.52	<10	<10	277	<10	111
H449594	<1	1.43	105	340	<2	0.14	<5	34	75	<20	0.58	<10	<10	268	<10	84
H449595	1	7.1	2	150	3	0.31	<5	<1	54	<20	0.01	<10	40	5	<10	2
H449596	1	1.83	12	700	39	1.02	<5	5	102	<20	0.4	<10	<10	40	10	86
H449597	<1	1.35	164	300	<2	0.08	<5	38	94	<20	0.54	<10	<10	262	<10	83
H449598	<1	1.41	77	370	<2	0.11	<5	41	107	<20	0.63	<10	<10	304	<10	68
H449599	<1	1.5	73	380	<2	0.09	<5	41	110	<20	0.66	<10	<10	311	<10	61
H449600	<1	1.41	89	280	<2	0.18	<5	40	99	<20	0.62	<10	<10	374	<10	67
H449601	<1	1.2	87	250	<2	0.23	<5	38	95	<20	0.61	<10	<10	416	<10	61
H449602	<1	1.43	74	380	<2	0.17	<5	40	115	<20	0.6	<10	<10	264	<10	57
H449603	<1	1.41	64	360	<2	0.14	<5	36	108	<20	0.55	<10	<10	237	<10	48
H449604	1	1.18	90	350	<2	0.04	<5	43	106	<20	0.62	<10	<10	306	<10	118
H449605	2	1.94	90	320	<2	0.04	<5	40	110	<20	0.6	<10	<10	298	<10	124
H449606	<1	3.61	1	590	<2	0.03	<5	2	283	<20	0.17	<10	20	5	<10	55
H449607	1	3.58	2	550	<2	0.05	<5	2	231	<20	0.15	<10	10	5	<10	38
H449608	<1	2.53	2	540	<2	0.1	<5	2	158	<20	0.19	<10	10	17	<10	34
H449609	<1	2.11	3	570	<2	0.17	<5	2	83	<20	0.15	<10	<10	22	<10	30
H449610	<1	1.99	6	690	5	0.41	<5	4	95	<20	0.14	<10	10	49	10	43
H449611	<1	0.9	8	300	7	0.26	<5	7	45	<20	0.1	<10	<10	54	<10	42
H449612	1	0.38	2	60	14	0.04	<5	3	15	<20	0.04	<10	<10	21	<10	7
H449613	<1	0.15	2	100	32	0.17	<5	1	6	<20	0.02	<10	<10	12	<10	2
H449614	<1	2.76	1	470	5	0.04	<5	1	261	<20	0.15	<10	10	1	<10	55
H449615	<1	2.87	1	480	4	0.09	<5	2	289	<20	0.15	<10	20	1	<10	42
H449616	<1	2.8	<1	350	6	0.13	<5	2	305	<20	0.13	<10	10	1	<10	41
H449617	<1	2.75	3	430	8	0.19	<5	2	328	<20	0.14	<10	10	3	<10	44
H449618	<1	2.83	<1	320	8	0.22	<5	2	282	<20	0.13	<10	10	1	<10	46
H449619	<1	2.49	1	400	7	0.11	<5	1	291	<20	0.13	<10	10	1	<10	54
H449620	<1	2.85	<1	520	5	0.06	<5	1	261	<20	0.18	<10	10	1	<10	61
H449621	<1	0.77	<1	280	16	0.47	<5	2	48	<20	0.12	<10	<10	21	10	30
H449622	<1	1.22	1	530	10	0.72	<5	2	66	<20	0.2	<10	<10	8	10	54

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H449623	1	0.59	<1	280	28	0.66	<5	1	29	<20	0.09	<10	<10	8	10	26
H449624	<1	2.87	<1	200	9	0.28	<5	1	241	<20	0.06	<10	10	<1	10	31
H449625	<1	2.31	1	200	9	0.34	<5	2	158	<20	0.06	<10	10	<1	10	41
H449626	<1	1.05	2	160	25	0.58	<5	1	46	<20	0.04	<10	<10	1	10	32
H449627	<1	1.14	<1	180	87	0.84	<5	1	37	<20	0.05	<10	10	1	10	48
H449628	<1	1.6	1	300	25	1.09	<5	1	67	<20	0.07	<10	10	<1	10	39
H449629	<1	0.53	<1	170	122	0.56	<5	1	27	<20	0.04	<10	<10	1	10	279
H449630	<1	0.59	<1	270	384	0.79	<5	1	24	<20	0.04	<10	<10	1	<10	259
H449631	<1	3.34	1	160	26	0.31	<5	<1	49	<20	<0.01	<10	20	1	<10	497
H449632	<1	3.3	1	140	17	0.19	<5	<1	46	<20	<0.01	<10	20	1	<10	199
H449633	<1	2.98	<1	140	9	0.15	<5	<1	44	<20	<0.01	<10	20	1	<10	205
H449634	<1	2.98	1	170	18	0.05	<5	<1	44	<20	<0.01	<10	20	<1	<10	25
H449635	<1	2.83	<1	160	66	0.16	<5	<1	50	<20	<0.01	<10	20	1	<10	93
H449636	<1	2.57	2	170	19	0.15	<5	<1	24	<20	<0.01	<10	20	1	<10	47
H449637	<1	0.88	<1	110	16	0.06	<5	<1	7	<20	<0.01	<10	10	1	<10	21
H449638	<1	3.18	<1	150	15	0.05	<5	<1	39	<20	<0.01	<10	20	1	<10	14
H449639	<1	2.64	1	170	17	0.08	<5	<1	32	<20	<0.01	<10	20	1	<10	17
H449640	6	2.27	2	170	23	0.08	<5	<1	35	<20	<0.01	<10	10	4	<10	58
H449641	<1	2.06	<1	160	109	0.13	<5	<1	33	<20	<0.01	<10	10	1	<10	45
H449642	1	0.79	<1	90	272	0.19	<5	<1	12	<20	<0.01	<10	10	2	<10	1255
H449643	<1	2.01	<1	170	38	0.07	<5	<1	20	<20	<0.01	<10	10	1	<10	47
H449644	<1	3.08	<1	190	17	0.13	<5	<1	43	<20	<0.01	<10	20	<1	<10	21
H449645	<1	0.24	2	110	7	0.02	<5	<1	5	<20	<0.01	<10	<10	4	<10	14
H449646	<1	0.33	2	120	5	0.05	<5	<1	7	<20	<0.01	<10	<10	3	10	19
H449647	<1	1.29	1	130	39	0.13	<5	<1	22	<20	<0.01	<10	<10	1	<10	114
H449648	<1	0.69	<1	120	5	0.04	<5	<1	12	<20	<0.01	<10	<10	2	<10	13
H449649	<1	1.72	<1	140	11	0.12	<5	<1	29	<20	<0.01	<10	10	1	<10	51
H449650	<1	2.9	1	180	12	0.19	<5	<1	30	<20	<0.01	<10	10	<1	<10	31

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H449651	<1	1.88	<1	140	5	0.06	<5	<1	17	<20	<0.01	<10	10	1	<10	19
H449652	<1	2.9	2	170	15	0.14	<5	<1	35	<20	<0.01	<10	20	<1	<10	49
H449653	<1	2.79	1	160	14	0.1	<5	<1	36	<20	<0.01	<10	20	<1	<10	48
H449654	<1	2.35	1	150	16	0.16	<5	<1	27	<20	<0.01	<10	10	<1	<10	25
H449655	1	2.83	1	180	19	0.17	<5	<1	43	<20	<0.01	<10	10	<1	<10	73
H449656	<1	2.02	2	160	13	0.14	<5	<1	33	<20	<0.01	<10	10	<1	<10	32
H449657	<1	2.23	1	160	8	0.17	<5	<1	38	<20	<0.01	<10	10	1	<10	30
H449658	<1	2.98	1	180	14	0.14	<5	<1	40	<20	<0.01	<10	10	<1	<10	22
H449659	<1	0.13	45	330	<2	0.06	<5	32	48	<20	0.53	<10	<10	238	10	94
H449660	2	0.33	49	350	<2	0.07	<5	37	72	<20	0.63	<10	<10	283	40	124
H449661	<1	0.64	55	390	<2	0.06	<5	42	61	<20	0.71	<10	<10	323	10	101
H449662	<1	0.07	37	290	14	0.05	<5	28	45	<20	0.47	<10	<10	206	10	88
H449663	1	0.1	35	290	4	0.08	<5	24	46	<20	0.4	<10	<10	177	80	88
H449664	1	0.06	57	400	<2	0.03	<5	43	23	<20	0.73	<10	<10	300	10	143
H449665	<1	1.39	55	440	<2	0.08	<5	45	128	<20	0.74	<10	<10	341	<10	111
H449666	<1	1.19	55	450	<2	0.04	<5	46	135	<20	0.76	<10	<10	345	<10	108
H449667	<1	1.81	58	430	<2	0.05	<5	45	110	<20	0.74	<10	<10	340	<10	109
H449668	<1	1.9	61	460	<2	0.07	<5	47	122	<20	0.8	<10	<10	366	<10	110
H449701	<1	1.39	84	340	2	0.12	<5	38	86	<20	0.56	<10	<10	282	<10	101
H449702	<1	1.38	90	340	<2	0.08	<5	41	82	<20	0.61	<10	<10	300	<10	113
H449703	<1	0.05	29	40	<2	1.13	<5	14	48	<20	0.19	<10	<10	110	10	21
H449704	1	0.07	63	210	<2	2.09	<5	27	64	<20	0.32	<10	<10	181	10	69
H449705	<1	0.08	73	450	<2	1.86	<5	34	59	<20	0.46	<10	<10	236	160	92
H449706	<1	0.06	51	220	2	2.16	<5	23	59	<20	0.3	<10	<10	162	10	44
H449707	<1	0.09	99	100	10	5.42	<5	37	90	<20	0.46	<10	<10	255	20	59

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H449708	1	0.52	73	300	<2	0.21	<5	35	62	<20	0.52	<10	<10	274	<10	61
H449709	<1	0.07	46	180	<2	0.25	<5	22	41	<20	0.33	<10	<10	167	<10	39
H449710	<1	3.51	1	130	4	0.38	<5	1	81	<20	0.01	<10	20	1	<10	42
H449711	<1	4.04	<1	140	4	0.19	<5	1	88	<20	0.01	<10	20	3	<10	20
H449712	<1	3.67	1	130	6	0.32	<5	<1	80	<20	0.01	<10	20	2	<10	31
H449713	<1	3.42	<1	130	9	0.49	<5	<1	80	<20	0.01	<10	20	2	<10	34
H449714	<1	3.24	2	140	13	0.26	<5	<1	50	<20	0.01	<10	20	11	<10	41
H449715	<1	3.14	<1	130	35	0.33	<5	<1	63	<20	0.01	<10	20	1	<10	35
H449716	<1	3.47	1	120	11	0.34	<5	<1	67	<20	0.01	<10	20	2	<10	46
H449717	<1	3.57	1	130	12	0.28	<5	<1	72	<20	0.01	<10	20	1	<10	51
H449718	<1	3.65	<1	130	10	0.21	<5	<1	73	<20	<0.01	<10	20	2	<10	30
H449719	<1	3.22	2	140	14	0.26	<5	<1	78	<20	0.01	<10	20	1	<10	46
H449720	<1	3.18	<1	130	11	0.44	<5	<1	74	<20	0.01	<10	20	1	<10	35
H449721	<1	3.18	3	110	7	0.58	<5	1	59	<20	0.01	<10	20	3	<10	29
H449722	<1	3.2	1	120	9	0.52	<5	<1	67	<20	0.01	<10	20	2	<10	23
H449723	<1	3.06	<1	110	9	0.39	<5	<1	72	<20	0.01	<10	20	1	<10	73
H449724	<1	3.22	<1	140	7	0.2	<5	<1	35	<20	0.01	<10	20	4	<10	17
H449725	<1	2.92	1	140	7	0.43	<5	<1	40	<20	0.01	<10	20	3	<10	20
H449726	<1	3.33	1	120	9	0.33	<5	1	95	<20	0.01	<10	20	<1	10	54
H449727	<1	3.51	<1	100	11	0.31	<5	1	86	<20	0.01	<10	20	1	<10	38
H449728	<1	3.25	1	120	8	0.46	<5	<1	76	<20	0.01	<10	10	1	<10	38
H449729	<1	3.4	3	110	11	0.41	<5	1	97	<20	0.01	<10	10	1	<10	54
H449730	<1	3.4	<1	120	14	0.31	<5	<1	94	<20	0.01	<10	20	<1	<10	49
H449731	<1	2.26	1	140	2	0.38	8	1	38	<20	0.05	<10	10	4	10	28
H449732	<1	3.4	1	110	6	0.26	<5	<1	81	<20	0.01	<10	20	<1	<10	30
H449733	<1	3.18	3	110	12	0.25	<5	<1	90	<20	0.01	<10	20	2	10	73
H449734	<1	3.09	1	100	9	0.56	<5	<1	58	<20	0.01	<10	20	1	<10	88
H449735	<1	3.25	<1	110	10	0.43	5	<1	63	<20	0.01	<10	10	1	<10	95
H449736	1	3.21	1	100	12	0.49	6	<1	65	<20	<0.01	<10	10	3	<10	61
H449737	<1	3.04	1	100	10	0.61	<5	<1	56	<20	<0.01	<10	10	4	<10	48
H449738	<1	3.09	2	100	8	0.34	<5	<1	64	<20	<0.01	<10	10	3	<10	55
H449739	<1	3.22	<1	100	11	0.57	13	<1	67	<20	<0.01	<10	10	2	<10	42
H449740	<1	3.22	<1	100	10	0.42	<5	<1	76	<20	<0.01	<10	20	8	<10	77
H449741	<1	3.29	<1	110	10	0.28	<5	<1	76	<20	0.01	<10	10	3	<10	83
H449742	<1	3.07	2	110	6	0.55	8	<1	59	<20	0.01	<10	10	6	10	53

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H449743	<1	3.16	<1	110	7	0.63	10	<1	56	<20	0.01	<10	10	8	10	59
H449744	<1	3.05	1	110	10	0.5	5	<1	60	<20	<0.01	10	10	5	<10	54
H449745	<1	3.28	<1	110	4	0.35	<5	<1	42	<20	<0.01	<10	20	2	<10	46
H449746	<1	3.27	2	130	16	0.33	<5	<1	49	<20	<0.01	<10	20	2	<10	27
H449747	<1	3.47	1	110	12	0.33	<5	1	60	<20	0.01	<10	20	3	<10	20
H449748	<1	2.74	<1	100	15	0.44	<5	<1	46	<20	<0.01	<10	10	1	<10	47
H449749	<1	3.06	<1	110	8	0.41	7	<1	54	<20	<0.01	<10	20	1	<10	38
H449750	<1	3.86	<1	120	9	0.16	7	1	81	<20	0.01	<10	10	3	<10	12
H449751	<1	2.52	2	130	4	<0.01	<5	<1	53	<20	<0.01	<10	10	2	10	13
H449752	<1	2.18	1	120	7	0.32	<5	<1	44	<20	<0.01	<10	10	1	10	17
H449753	<1	2.64	2	160	9	0.11	5	1	40	<20	<0.01	<10	10	<1	<10	16
H449754	<1	2.78	1	160	12	0.13	<5	1	34	<20	<0.01	<10	20	<1	<10	16
H449755	<1	3.12	<1	170	18	0.26	<5	1	42	<20	<0.01	<10	10	<1	10	15
H449756	<1	2.92	<1	170	19	0.16	<5	1	41	<20	<0.01	<10	10	1	<10	24
H449757	<1	2.69	<1	150	17	0.25	<5	1	40	<20	<0.01	<10	10	1	<10	36
H449758	<1	2.7	<1	150	12	0.12	<5	1	26	<20	<0.01	<10	10	<1	<10	90
H449759	<1	1.73	2	130	83	0.07	<5	<1	13	<20	<0.01	<10	10	<1	<10	138
H449760	<1	1.92	1	140	10	0.08	<5	1	12	<20	<0.01	<10	10	<1	<10	47
H449761	<1	1.98	1	160	19	0.13	<5	1	16	<20	<0.01	<10	10	1	<10	43
H449762	1	1.29	2	130	22	0.08	<5	<1	14	<20	<0.01	<10	10	1	<10	50
H449763	<1	1.75	<1	150	22	0.16	<5	1	26	<20	<0.01	10	10	1	<10	39
H449764	2	1.54	<1	110	16	0.13	<5	<1	22	<20	<0.01	<10	10	1	<10	47
H449765	<1	1.13	1	150	20	0.17	<5	1	27	<20	<0.01	<10	10	<1	<10	83
H449766	<1	0.81	6	90	23	0.11	<5	<1	13	<20	<0.01	10	10	<1	<10	280
H449767	10	0.15	5	40	4	0.07	<5	<1	3	<20	<0.01	<10	10	1	<10	30
H449768	5	0.02	1	10	16	0.03	<5	<1	<1	<20	<0.01	<10	<10	<1	<10	3
H449769	2	0.19	2	80	24	0.18	<5	<1	4	<20	<0.01	<10	<10	1	<10	46
H449770	1	0.61	1	100	35	0.09	<5	<1	8	<20	<0.01	<10	10	2	<10	45
H449771	<1	0.37	3	100	14	0.15	<5	<1	7	<20	<0.01	<10	10	1	<10	118
H449772	<1	0.03	2	40	7	0.04	<5	<1	1	<20	<0.01	<10	<10	1	<10	8
H449773	2	0.02	2	40	215	0.06	<5	<1	1	<20	<0.01	<10	<10	<1	<10	406
H449774	<1	1.07	2	100	96	0.15	<5	<1	19	<20	<0.01	<10	10	1	<10	261

SAMPLE #	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H449775	<1	0.82	2	90	12	0.09	<5	<1	10	<20	<0.01	<10	10	1	<10	108
H449776	<1	1.24	2	90	26	0.14	<5	<1	15	<20	<0.01	<10	10	1	<10	466
H449777	<1	0.66	1	50	12	0.09	<5	<1	11	<20	<0.01	<10	10	<1	<10	117
H449778	<1	1.54	2	160	18	0.12	<5	1	19	<20	0.02	<10	10	4	<10	87
H449779	1	2.09	1	130	64	0.11	<5	<1	13	<20	<0.01	<10	10	1	<10	53

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

INVOICE NUMBER 1937922

BILLING INFORMATION

Certificate:	**TB09074077**
Sample Type:	**Channel**
Account:	**PJV**
Date:	**30-JUL-2009**
Project:	ST. ANTHONY CHANNEL SAMPLES
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
51	PREP-31	Crush, Split, Pulverize	6.08	310.08
251.05	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	148.12
51	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	684.93
51	ME-ICP61	33 element four acid ICP-AES	5.93	302.43
51	GEO-4ACID	Four acid "near total" dig	4.20	214.20

SUBTOTAL (CAD)	$	1,659.76
R100938885 GST	$	82.99
TOTAL PAYABLE (CAD)	**$**	**1,742.75**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
212 Brooksbank Avenue
North Vancouver BC V7J 2C1

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EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 30-JUL-2009
Account: PJV

CERTIFICATE TB09074077

Project: ST. ANTHONY CHANNEL SAMPLES

P.O. No.:

This report is for 51 Channel samples submitted to our lab in Thunder Bay, ON, Canada on 21-JUL-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	³ERRY HEATHERINGTON (POC

SAMPLE PREPARATION

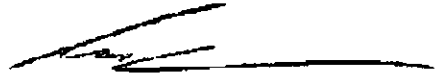
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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

Finalized Date: 30-JUL-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09074077

Method	WEI-21	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H447082	4.18	0.10	<0.5	5.61	<5	390	1.1	<2	0.10	<0.5	2	15	7	0.67	20
H447083	4.57	0.02	<0.5	5.14	5	370	0.9	<2	0.10	<0.5	2	14	5	0.71	10
H447084	5.09	0.01	<0.5	6.24	<5	490	1.0	<2	0.08	<0.5	<1	11	4	0.72	20
H447085	3.62	0.02	<0.5	5.19	<5	470	1.0	<2	0.05	0.5	1	11	4	0.74	10
H447086	3.07	1.95	3.1	5.52	<5	500	1.1	4	0.07	<0.5	1	12	1	0.73	10
H447087	4.86	0.02	<0.5	6.34	<5	490	1.2	<2	0.07	<0.5	<1	11	1	0.85	20
H447088	6.84	<0.01	<0.5	5.95	<5	450	1.0	<2	0.08	<0.5	<1	11	1	0.75	20
H447089	4.82	0.07	0.7	4.87	<5	310	0.9	<2	0.13	0.8	1	14	3	0.83	20
H447090	4.74	2.33	2.5	4.66	<5	320	0.9	3	0.11	<0.5	2	16	<1	1.73	10
H447091	4.33	8.43	5.1	4.81	<5	400	1.2	8	0.05	<0.5	1	21	<1	0.86	20
H447170	4.40	0.02	<0.5	6.03	<5	620	1.0	<2	0.05	<0.5	<1	11	1	0.71	10
H447171	2.46	0.01	0.6	6.33	<5	610	1.0	<2	0.05	<0.5	<1	8	1	0.74	20
H447172	3.79	6.53	4.3	2.12	<5	270	<0.5	7	0.03	1.4	1	28	2	0.38	10
H447173	5.83	0.01	<0.5	6.01	<5	500	1.0	<2	0.06	<0.5	1	10	<1	0.68	10
H447174	5.18	15.10	9.4	4.88	<5	370	0.9	19	0.11	1.3	1	18	2	0.44	10
H447175	4.45	0.01	<0.5	6.59	<5	710	1.2	<2	0.06	<0.5	<1	10	5	0.56	20
H447176	4.09	0.01	<0.5	5.60	<5	570	1.1	<2	0.06	<0.5	<1	14	<1	0.51	10
H447177	5.50	0.01	1.3	6.24	<5	610	1.1	4	0.34	<0.5	1	11	4	0.54	10
H447178	4.38	<0.01	0.9	5.04	<5	500	0.9	<2	0.24	<0.5	<1	17	6	0.51	10
H447179	5.28	0.02	<0.5	5.62	<5	360	0.7	2	0.09	<0.5	<1	13	<1	0.82	20
H447180	5.79	0.01	<0.5	4.97	<5	300	0.6	<2	0.06	<0.5	<1	16	<1	0.70	10
H447181	5.10	0.09	<0.5	5.63	<5	390	0.8	<2	0.04	<0.5	<1	13	<1	0.94	20
H447182	6.37	0.07	<0.5	5.79	5	370	0.8	<2	0.06	<0.5	<1	14	<1	0.77	20
H447183	5.52	0.01	<0.5	6.38	<5	370	0.8	<2	0.09	<0.5	<1	10	1	0.78	20
H447184	6.81	0.17	<0.5	6.37	<5	360	0.8	<2	0.12	<0.5	<1	7	1	0.76	20
H447185	5.02	0.01	<0.5	5.80	5	330	0.7	<2	0.07	<0.5	1	9	6	0.87	20
H447186	6.74	0.01	<0.5	6.52	<5	370	0.8	<2	0.09	<0.5	<1	9	2	0.86	20
H447187	5.30	0.17	<0.5	6.59	<5	460	0.8	<2	0.15	<0.5	<1	9	6	0.79	20
H447188	5.35	0.04	<0.5	6.05	<5	500	0.9	<2	0.11	<0.5	1	10	2	0.63	20
H447189	6.51	0.01	<0.5	6.31	6	470	0.8	<2	0.12	<0.5	1	22	2	0.83	20
H447190	5.07	0.02	<0.5	6.41	6	370	1.3	2	0.19	<0.5	1	8	<1	0.72	20
H447191	4.36	0.01	<0.5	6.53	6	400	1.2	<2	0.10	<0.5	<1	10	<1	0.80	20
H447192	6.21	0.02	<0.5	6.18	<5	290	0.8	<2	0.10	0.5	<1	9	<1	0.70	20
H447193	5.50	0.03	<0.5	6.26	<5	310	0.9	<2	0.09	<0.5	<1	9	<1	0.68	20
H447194	4.89	2.38	0.5	5.43	<5	280	0.8	<2	0.06	<0.5	<1	11	<1	0.66	20
H447195	4.99	0.01	<0.5	6.46	6	350	0.9	<2	0.07	<0.5	<1	9	<1	0.79	20
H447196	5.41	0.84	<0.5	6.21	<5	330	0.8	<2	0.09	0.6	<1	8	<1	0.73	20
H447197	6.52	<0.01	<0.5	6.81	<5	350	0.9	<2	0.10	<0.5	<1	9	<1	0.75	20
H447198	4.93	0.45	<0.5	6.30	5	350	0.8	2	0.10	<0.5	<1	10	2	0.79	20
H447199	2.79	0.01	<0.5	6.05	<5	350	0.9	<2	0.06	<0.5	<1	11	1	0.72	20

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To: PACIFIC IRON ORE CORPORATION
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 30-JUL-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09074077

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H447082		2.38	10	0.03	165	1	2.08	12	140	15	0.16	<5	<1	37	<20	<0.01
H447083		2.14	10	0.02	257	<1	2.07	6	150	14	0.23	<5	<1	37	<20	<0.01
H447084		2.78	10	0.01	217	<1	2.50	5	160	17	0.19	<5	<1	43	<20	<0.01
H447085		2.31	10	0.01	206	<1	1.55	4	120	26	0.14	<5	<1	30	<20	<0.01
H447086		2.24	10	0.02	329	<1	1.49	4	120	100	0.09	<5	<1	26	<20	<0.01
H447087		2.48	10	0.02	180	1	2.19	2	160	21	0.17	<5	<1	31	<20	<0.01
H447088		2.35	10	0.01	245	<1	2.63	1	150	20	0.19	<5	<1	35	<20	<0.01
H447089		1.75	<10	0.02	258	2	1.38	1	120	26	0.32	<5	<1	26	<20	<0.01
H447090		1.87	10	0.02	258	1	0.88	2	110	121	1.37	<5	<1	17	<20	<0.01
H447091		2.10	10	0.03	198	2	0.51	2	110	174	0.21	<5	<1	10	<20	<0.01
H447170		1.88	10	0.02	124	1	2.50	1	100	13	0.08	<5	<1	24	<20	<0.01
H447171		1.92	10	0.03	101	<1	2.42	1	110	6	0.11	<5	<1	20	<20	<0.01
H447172		0.75	<10	0.02	98	1	0.48	2	40	88	0.01	<5	<1	3	<20	<0.01
H447173		1.54	10	0.03	123	6	2.55	1	140	11	0.11	<5	<1	15	<20	<0.01
H447174		1.32	10	0.02	185	11	1.74	<1	90	528	0.06	<5	<1	16	<20	<0.01
H447175		1.87	10	0.03	120	<1	2.28	<1	100	12	0.01	<5	<1	13	<20	<0.01
H447176		1.63	10	0.02	205	<1	1.83	<1	110	7	<0.01	<5	<1	16	<20	<0.01
H447177		1.56	10	0.01	383	<1	3.15	<1	140	37	0.09	<5	<1	46	<20	<0.01
H447178		1.45	10	0.02	200	<1	1.89	<1	100	14	0.08	<5	<1	30	<20	<0.01
H447179		2.29	10	0.01	137	<1	2.23	<1	130	28	0.32	<5	<1	37	<20	<0.01
H447180		2.03	10	0.01	46	<1	2.03	<1	120	14	0.13	<5	<1	37	<20	<0.01
H447181		2.33	10	0.01	74	8	1.83	<1	130	25	0.22	<5	1	30	<20	<0.01
H447182		2.39	10	0.01	119	1	2.18	<1	140	17	0.16	<5	1	34	<20	<0.01
H447183		2.79	10	0.01	280	<1	2.64	<1	150	19	0.15	<5	1	40	<20	<0.01
H447184		2.77	10	0.01	357	<1	2.59	<1	140	21	0.24	<5	1	42	<20	<0.01
H447185		2.43	10	0.01	53	<1	2.39	1	130	17	0.19	<5	<1	37	<20	<0.01
H447186		2.75	10	0.01	204	<1	2.62	<1	150	18	0.11	<5	1	36	<20	<0.01
H447187		2.60	10	0.01	341	<1	2.79	<1	140	23	0.26	<5	1	43	<20	<0.01
H447188		2.19	10	0.01	227	<1	2.26	<1	120	15	0.09	<5	1	35	<20	<0.01
H447189		2.31	10	0.02	264	3	2.62	1	140	21	0.22	<5	1	44	<20	<0.01
H447190		2.15	10	0.02	477	<1	1.96	<1	130	16	0.10	<5	<1	15	<20	<0.01
H447191		2.06	10	0.02	339	<1	2.21	<1	130	11	0.11	<5	<1	21	<20	<0.01
H447192		2.81	10	0.01	565	<1	2.51	<1	130	19	0.09	<5	1	31	<20	<0.01
H447193		2.81	10	0.01	300	<1	2.54	<1	120	21	0.07	<5	1	34	<20	<0.01
H447194		2.39	10	0.01	47	<1	2.18	<1	100	20	0.06	<5	1	35	<20	<0.01
H447195		2.78	10	0.01	77	<1	2.63	<1	140	19	0.13	<5	1	44	<20	<0.01
H447196		2.67	10	0.01	252	<1	2.61	<1	140	19	0.17	<5	1	38	<20	<0.01
H447197		3.03	10	0.01	285	<1	2.94	<1	150	20	0.19	<5	1	43	<20	<0.01
H447198		2.55	10	0.01	254	<1	2.69	<1	140	19	0.22	<5	1	38	<20	<0.01
H447199		2.27	10	0.01	132	<1	2.42	<1	130	12	0.16	<5	1	31	<20	<0.01

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

Finalized Date: 30-JUL-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09074077

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H447082		<10	10	1	<10	50
H447083		<10	10	<1	<10	52
H447084		<10	10	<1	<10	127
H447085		<10	10	1	<10	119
H447086		<10	10	<1	<10	120
H447087		<10	10	1	<10	48
H447088		<10	10	<1	<10	82
H447089		<10	10	2	<10	199
H447090		<10	<10	1	<10	48
H447091		<10	<10	1	<10	97
H447170		<10	10	1	<10	25
H447171		<10	10	1	<10	23
H447172		<10	<10	2	<10	123
H447173		<10	10	1	<10	27
H447174		<10	<10	1	<10	422
H447175		<10	10	2	<10	19
H447176		<10	10	1	<10	16
H447177		<10	10	1	<10	15
H447178		<10	<10	1	<10	14
H447179		<10	<10	<1	<10	55
H447180		<10	10	<1	<10	8
H447181		<10	<10	1	<10	26
H447182		<10	<10	1	<10	18
H447183		<10	<10	<1	<10	23
H447184		<10	10	1	<10	51
H447185		<10	10	<1	<10	8
H447186		<10	<10	<1	<10	14
H447187		<10	10	<1	<10	22
H447188		<10	<10	1	<10	11
H447189		<10	10	1	<10	24
H447190		<10	<10	1	<10	41
H447191		<10	10	1	<10	26
H447192		<10	10	<1	<10	171
H447193		<10	<10	<1	<10	29
H447194		<10	<10	<1	<10	12
H447195		<10	<10	<1	<10	13
H447196		<10	<10	<1	<10	181
H447197		<10	10	<1	<10	95
H447198		<10	10	<1	<10	26
H447199		<10	<10	1	<10	20

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1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 30-JUL-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09074077

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H447200		4.00	0.28	<0.5	6.15	<5	300	0.8	3	0.07	<0.5	<1	9	<1	0.76	20
H447201		5.61	0.42	<0.5	6.81	<5	350	0.9	<2	0.07	<0.5	<1	9	<1	0.74	20
H447202		4.09	<0.01	<0.5	6.82	<5	340	0.9	2	0.09	<0.5	<1	7	<1	0.66	20
H447203		4.87	0.03	<0.5	6.15	<5	370	0.9	<2	0.06	<0.5	<1	11	<1	0.72	20
H447204		4.85	0.07	<0.5	3.98	<5	240	0.5	2	0.05	<0.5	<1	17	<1	0.86	10
H447205		6.94	0.01	<0.5	5.58	<5	350	0.7	<2	0.08	0.9	<1	15	<1	0.80	20
H447206		4.29	0.11	<0.5	6.03	<5	320	0.8	<2	0.12	<0.5	<1	12	1	0.82	20
H447207		4.64	0.28	<0.5	4.57	<5	280	0.6	<2	0.05	<0.5	<1	17	<1	0.72	10
H447208		3.91	0.04	<0.5	6.12	<5	370	0.8	<2	0.06	<0.5	<1	10	<1	0.88	20
H447209		2.77	0.19	<0.5	6.25	<5	390	0.8	<2	0.09	<0.5	<1	8	<1	0.78	20
H447210		4.42	<0.01	<0.5	5.91	<5	620	1.0	<2	0.06	<0.5	<1	12	<1	0.73	20

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KENORA ON P9N 2K2

Finalized Date: 30-JUL-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09074077

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
H447200		2.62	10	0.01	113	<1	2.53	<1	140	21	0.16	<5	1	40	<20	<0.01
H447201		2.90	10	0.01	107	<1	2.74	<1	140	23	0.13	<5	1	41	<20	<0.01
H447202		2.90	10	0.01	178	<1	2.79	<1	160	23	0.09	<5	1	43	<20	<0.01
H447203		2.59	10	0.01	62	<1	2.36	<1	140	30	0.13	<5	1	39	<20	<0.01
H447204		1.62	10	0.01	81	<1	1.46	<1	70	29	0.36	<5	<1	24	<20	<0.01
H447205		2.36	10	0.01	172	<1	2.10	<1	120	17	0.30	<5	<1	34	<20	<0.01
H447206		2.61	10	0.01	254	<1	2.43	<1	130	22	0.27	<5	1	37	<20	<0.01
H447207		1.95	10	0.01	43	1	1.67	<1	90	15	0.12	<5	<1	25	<20	<0.01
H447208		2.65	10	0.01	118	<1	2.41	<1	140	16	0.10	<5	1	35	<20	<0.01
H447209		2.69	10	0.01	157	<1	2.58	<1	150	20	0.15	<5	1	38	<20	<0.01
H447210		2.42	10	0.01	114	<1	2.28	<1	120	17	0.12	<5	<1	43	<20	<0.01

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CERTIFICATE OF ANALYSIS TB09074077

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H447200		<10	10	<1	<10	27
H447201		<10	10	1	<10	29
H447202		<10	10	<1	<10	47
H447203		<10	<10	<1	<10	27
H447204		<10	<10	<1	<10	20
H447205		<10	<10	<1	<10	284
H447206		<10	10	<1	<10	36
H447207		<10	<10	<1	<10	46
H447208		<10	10	<1	<10	24
H447209		<10	10	<1	<10	61
H447210		<10	10	1	<10	20

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

INVOICE NUMBER 1936305

BILLING INFORMATION

Certificate:	**TB09073900**
Sample Type:	**Channel**
Account:	**PJV**
Date:	**2-AUG-2009**
Project:	ST. ANTHONY CHANNEL SAMPLES
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
78	PREP-31	Crush, Split, Pulverize	6.08	474.24
344.73	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	203.39
78	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	1,047.54
78	ME-ICP61	33 element four acid ICP-AES	5.93	462.54
78	GEO-4ACID	Four acid "near total" dig	4.20	327.60

SUBTOTAL (CAD)	$	2,515.31
R100938885 GST	$	125.77
TOTAL PAYABLE (CAD)	**$**	**2,641.08**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
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212 Brooksbank Avenue
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ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 2-AUG-2009
Account: PJV

CERTIFICATE TB09073900

Project: ST. ANTHONY CHANNEL SAMPLES

P.O. No.:

This report is for 78 Channel samples submitted to our lab in Thunder Bay, ON, Canada on 17-JUL-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC

SAMPLE PREPARATION

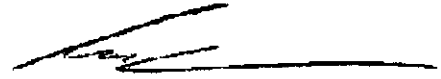
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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To: **PACIFIC IRON ORE CORPORATION**
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KENORA ON P9N 2K2

Finalized Date: 2-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09073900

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H447092		4.53	0.01	<0.5	5.94	<5	490	1.4	<2	0.11	0.6	<1	11	<1	0.89	20
H447093		6.02	0.12	1.7	3.17	<5	220	0.6	3	0.04	5.3	<1	11	<1	0.72	10
H447094		7.49	0.07	0.9	4.65	<5	340	0.9	<2	0.08	3.2	<1	10	<1	0.83	20
H447095		5.87	0.35	3.1	3.68	<5	260	0.7	4	0.05	<0.5	<1	13	<1	0.82	10
H447096		4.84	3.86	9.3	5.59	<5	440	1.2	18	0.15	<0.5	<1	12	<1	0.96	20
H447097		2.01	3.07	5.1	3.39	<5	290	0.8	10	0.03	2.5	<1	13	<1	0.88	10
H447098		1.52	0.18	<0.5	4.68	<5	350	1.0	<2	0.06	<0.5	1	19	<1	0.77	20
H447099		4.51	0.49	0.5	4.36	<5	360	0.9	<2	0.04	<0.5	1	10	1	0.99	20
H447100		3.88	0.04	<0.5	4.79	<5	370	1.0	<2	0.07	1.3	1	12	1	0.76	10
H447101		4.00	0.02	<0.5	5.61	<5	420	1.1	<2	0.11	<0.5	<1	9	<1	0.85	20
H447102		3.48	1.19	2.8	5.17	<5	430	1.2	5	0.06	<0.5	1	8	1	0.82	20
H447103		3.74	0.53	3.6	6.27	6	560	1.5	7	0.08	1.6	1	9	<1	1.19	20
H447104		3.36	0.23	15.8	4.21	<5	350	0.8	32	0.03	5.5	1	13	1	0.91	10
H447105		5.48	0.04	0.8	5.59	<5	390	0.8	<2	0.07	<0.5	1	7	1	0.81	20
H447106		4.68	0.21	<0.5	4.93	5	410	0.9	<2	0.04	<0.5	1	8	<1	0.87	20
H447107		4.18	0.18	<0.5	0.69	5	70	<0.5	<2	<0.01	0.7	<1	18	1	0.40	<10
H447108		3.84	2.41	<0.5	2.37	<5	230	0.6	3	0.01	<0.5	<1	15	1	0.80	10
H447109		4.33	0.90	0.6	6.91	<5	580	1.2	3	0.06	<0.5	1	12	1	1.19	20
H447110		2.70	0.02	<0.5	6.41	<5	490	1.1	<2	0.06	<0.5	1	5	1	0.77	20
H447111		5.05	0.01	<0.5	6.60	<5	540	1.2	<2	0.10	<0.5	1	7	2	0.84	20
H447112		7.14	0.09	<0.5	6.62	5	520	1.5	<2	0.04	<0.5	<1	19	<1	0.87	20
H447113		5.58	0.07	1.0	5.76	<5	510	1.1	4	0.04	<0.5	1	9	1	0.94	20
H447114		4.55	0.01	<0.5	5.92	<5	540	1.0	<2	0.06	<0.5	1	6	<1	0.73	20
H447115		4.95	2.01	0.9	5.74	<5	550	0.8	<2	0.06	<0.5	1	8	1	0.71	10
H447116		4.29	0.01	<0.5	6.48	<5	590	0.9	<2	0.10	<0.5	<1	11	5	0.71	20
H447117		3.07	0.01	<0.5	6.53	<5	560	0.9	<2	0.07	<0.5	1	4	1	0.74	20
H447118		5.15	0.04	<0.5	5.96	<5	450	0.9	<2	0.05	<0.5	1	8	1	0.75	20
H447119		4.67	0.02	<0.5	4.66	5	390	0.7	<2	0.04	<0.5	<1	8	2	0.78	10
H447120		5.35	1.48	<0.5	5.77	<5	480	0.8	<2	0.05	<0.5	1	8	<1	0.66	20
H447121		5.08	0.29	<0.5	6.23	7	500	1.1	<2	0.06	<0.5	4	8	19	0.87	20
H447122		4.58	0.01	<0.5	4.98	<5	310	1.0	<2	0.05	<0.5	<1	8	1	0.70	10
H447123		4.29	0.01	<0.5	5.65	<5	370	1.2	<2	0.06	0.6	1	8	3	0.75	20
H447124		5.57	0.23	<0.5	5.43	7	430	1.3	<2	0.05	<0.5	<1	6	1	0.64	20
H447125		3.91	0.19	<0.5	5.81	<5	390	0.9	<2	0.08	<0.5	1	6	2	0.77	20
H447126		5.23	0.13	1.2	5.02	<5	390	0.9	<2	0.04	<0.5	1	9	1	1.75	20
H447127		3.00	0.41	0.7	1.56	<5	130	<0.5	<2	0.01	<0.5	<1	13	1	0.50	10
H447128		3.08	8.05	1.3	0.25	<5	30	<0.5	2	<0.01	<0.5	<1	25	<1	0.32	<10
H447129		3.99	1.37	<0.5	5.13	5	370	0.8	<2	0.05	<0.5	1	9	<1	2.30	20
H447130		3.09	0.06	0.6	5.74	<5	440	0.9	<2	0.06	<0.5	1	6	1	0.90	20
H447131		4.33	2.15	<0.5	2.26	<5	200	<0.5	<2	0.02	2.3	<1	13	<1	0.44	10

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

Finalized Date: 2-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09073900

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
H447092		2.76	10	0.06	241	<1	0.83	5	160	24	0.18	<5	1	20	<20	<0.01
H447093		1.35	10	0.02	95	2	0.67	1	90	29	0.28	<5	<1	14	<20	<0.01
H447094		2.01	10	0.02	178	1	0.97	1	120	26	0.30	<5	<1	19	<20	<0.01
H447095		1.52	10	0.02	156	1	0.78	1	110	31	0.27	<5	<1	14	<20	<0.01
H447096		2.37	10	0.03	347	3	0.93	2	160	274	0.27	<5	<1	18	<20	<0.01
H447097		1.63	10	0.02	140	<1	0.11	1	100	110	0.29	<5	<1	6	<20	<0.01
H447098		2.22	10	0.02	180	1	0.68	1	120	40	0.13	<5	<1	16	<20	<0.01
H447099		1.97	10	0.02	165	1	0.69	1	100	27	0.41	<5	<1	16	<20	<0.01
H447100		2.17	10	0.02	197	1	1.01	1	120	14	0.20	<5	<1	21	<20	<0.01
H447101		2.55	10	0.02	257	<1	1.24	<1	140	19	0.26	<5	<1	25	<20	<0.01
H447102		2.51	10	0.02	194	<1	0.54	1	120	28	0.20	<5	<1	14	<20	<0.01
H447103		3.26	10	0.02	261	<1	0.47	<1	150	46	0.58	<5	1	17	<20	<0.01
H447104		1.92	10	0.01	85	3	0.80	1	110	255	0.26	<5	<1	17	<20	<0.01
H447105		2.35	10	0.01	122	<1	2.07	2	140	25	0.26	<5	<1	37	<20	<0.01
H447106		2.22	10	0.02	131	1	1.12	1	130	23	0.27	<5	<1	23	<20	<0.01
H447107		0.32	<10	0.01	53	2	0.01	<1	20	<2	0.04	<5	<1	1	<20	<0.01
H447108		1.08	<10	0.01	68	2	0.18	<1	60	19	0.07	<5	<1	5	<20	<0.01
H447109		2.95	10	0.02	79	1	2.27	2	170	32	0.24	<5	1	44	<20	<0.01
H447110		2.67	10	0.01	192	<1	2.07	1	150	21	0.17	<5	<1	38	<20	<0.01
H447111		2.93	10	0.01	304	1	2.61	<1	150	20	0.18	<5	1	49	<20	<0.01
H447112		2.65	10	0.02	185	1	1.30	1	170	19	0.03	<5	<1	16	<20	<0.01
H447113		2.48	10	0.02	59	1	1.82	1	100	55	0.07	<5	<1	36	<20	<0.01
H447114		2.53	10	0.01	189	<1	1.98	1	140	20	0.15	<5	<1	38	<20	<0.01
H447115		2.45	10	0.01	82	<1	2.38	1	140	45	0.17	<5	<1	45	<20	<0.01
H447116		2.44	10	0.01	251	<1	2.74	1	160	18	0.22	<5	<1	45	<20	<0.01
H447117		2.56	<10	0.01	79	<1	2.66	1	150	23	0.14	<5	<1	48	<20	<0.01
H447118		2.13	10	0.02	144	1	2.02	1	140	13	0.03	<5	<1	28	<20	<0.01
H447119		1.94	10	0.01	51	1	1.76	1	110	14	0.07	<5	<1	32	<20	<0.01
H447120		2.35	10	0.01	47	<1	2.33	1	130	20	0.06	<5	<1	44	<20	<0.01
H447121		2.32	10	0.01	130	1	2.48	8	150	20	0.24	<5	<1	38	<20	<0.01
H447122		1.53	10	0.01	112	1	1.97	<1	130	10	0.08	<5	<1	26	<20	<0.01
H447123		1.89	10	0.01	263	1	1.89	1	130	12	0.09	<5	<1	24	<20	<0.01
H447124		1.88	10	0.01	77	1	2.18	1	120	15	0.04	<5	<1	33	<20	<0.01
H447125		2.15	10	0.01	146	<1	2.14	1	140	10	0.18	<5	1	33	<20	<0.01
H447126		2.05	<10	0.01	79	1	1.53	2	110	85	1.34	<5	<1	26	<20	<0.01
H447127		0.64	<10	0.01	64	1	0.36	1	50	9	0.13	<5	<1	6	<20	<0.01
H447128		0.11	<10	<0.01	31	2	0.02	2	10	11	0.02	<5	<1	1	<20	<0.01
H447129		1.99	10	0.01	59	1	1.91	1	160	25	1.69	<5	<1	36	<20	<0.01
H447130		2.32	10	0.01	87	<1	2.12	<1	130	25	0.39	<5	<1	40	<20	<0.01
H447131		0.89	10	0.01	65	1	0.67	1	60	22	0.09	<5	<1	14	<20	<0.01

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

Finalized Date: 2-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09073900

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H447092		<10	10	2	<10	224
H447093		<10	<10	1	<10	1480
H447094		<10	10	1	<10	923
H447095		<10	<10	1	<10	73
H447096		<10	10	1	<10	49
H447097		<10	10	1	<10	737
H447098		<10	10	1	<10	58
H447099		<10	<10	2	<10	114
H447100		<10	<10	1	<10	357
H447101		<10	<10	1	<10	95
H447102		<10	<10	1	<10	97
H447103		<10	<10	1	<10	407
H447104		<10	<10	1	<10	1760
H447105		<10	<10	1	<10	85
H447106		<10	<10	1	<10	91
H447107		<10	<10	1	<10	200
H447108		<10	<10	1	<10	32
H447109		<10	<10	1	<10	45
H447110		<10	<10	1	<10	135
H447111		<10	<10	1	<10	122
H447112		<10	<10	1	<10	59
H447113		<10	<10	1	<10	25
H447114		<10	<10	1	<10	59
H447115		<10	<10	1	<10	59
H447116		<10	10	<1	<10	46
H447117		<10	<10	<1	<10	24
H447118		<10	<10	1	<10	45
H447119		<10	<10	1	<10	32
H447120		<10	<10	1	<10	49
H447121		<10	<10	1	<10	43
H447122		<10	<10	<1	<10	28
H447123		<10	<10	1	<10	174
H447124		<10	<10	1	<10	30
H447125		<10	<10	1	<10	27
H447126		<10	<10	1	<10	62
H447127		<10	<10	<1	<10	51
H447128		<10	<10	<1	<10	34
H447129		<10	<10	1	<10	43
H447130		<10	<10	1	<10	52
H447131		<10	<10	1	<10	570

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Finalized Date: 2-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09073900

Method	WEI-21	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H447132	2.67	22.5	1.2	3.66	<5	360	0.8	2	0.03	0.5	1	11	<1	0.68	10
H447133	4.41	2.34	0.5	1.71	5	180	<0.5	2	<0.01	<0.5	<1	16	2	0.41	10
H447134	2.82	0.03	0.5	6.19	<5	420	1.1	<2	0.23	<0.5	<1	10	3	0.72	20
H447135	4.35	0.05	<0.5	6.21	<5	540	1.0	<2	0.18	<0.5	1	7	2	0.78	20
H447136	3.79	0.03	<0.5	5.90	<5	470	0.8	2	0.13	<0.5	1	7	2	0.83	20
H447137	4.26	0.07	<0.5	5.86	<5	450	0.9	3	0.13	<0.5	<1	10	<1	0.74	20
H447138	4.64	0.05	0.5	6.46	8	500	0.9	2	0.14	<0.5	1	8	3	0.73	20
H447139	3.95	0.12	<0.5	6.28	<5	520	0.9	4	0.11	<0.5	<1	8	1	0.76	20
H447140	3.84	0.30	<0.5	6.53	<5	650	0.9	2	0.13	<0.5	1	8	6	0.72	20
H447141	2.72	0.03	<0.5	6.43	<5	420	0.9	<2	0.07	<0.5	<1	12	<1	0.67	20
H447142	2.88	0.02	<0.5	6.55	<5	400	1.0	<2	0.08	<0.5	1	5	2	0.77	20
H447143	2.73	<0.01	<0.5	6.75	<5	390	1.0	2	0.07	<0.5	1	17	2	0.80	20
H447144	3.77	0.02	<0.5	4.40	<5	230	0.6	3	0.04	<0.5	<1	8	1	0.66	10
H447145	5.26	0.46	<0.5	6.63	<5	370	0.9	<2	0.06	<0.5	<1	5	1	0.81	20
H447146	4.48	0.05	<0.5	6.34	<5	340	0.9	<2	0.05	<0.5	1	7	1	0.69	20
H447147	4.62	0.02	<0.5	6.32	<5	360	0.9	3	0.10	<0.5	1	6	1	0.64	20
H447148	4.96	0.07	<0.5	4.85	<5	290	0.7	2	0.03	<0.5	<1	13	1	0.80	10
H447149	4.75	0.03	<0.5	6.50	<5	380	0.9	3	0.06	<0.5	1	6	1	0.76	20
H447150	3.39	0.03	<0.5	5.98	<5	350	0.9	2	0.04	<0.5	1	10	<1	0.96	20
H447151	3.56	0.05	<0.5	6.16	5	340	0.9	2	0.03	<0.5	1	9	<1	0.77	20
H447152	3.76	0.02	<0.5	6.64	<5	410	0.9	4	0.08	<0.5	<1	8	<1	0.78	20
H447153	3.37	0.01	<0.5	6.49	<5	400	0.9	2	0.13	<0.5	<1	6	<1	0.75	20
H447154	3.60	0.04	<0.5	5.99	<5	320	0.9	<2	0.11	<0.5	1	8	10	0.70	20
H447155	3.63	0.03	<0.5	6.25	7	320	1.0	<2	0.07	<0.5	1	8	<1	0.81	20
H447156	4.97	0.02	<0.5	6.53	<5	320	1.0	<2	0.10	<0.5	1	6	1	0.72	20
H447157	4.44	0.01	<0.5	5.62	<5	350	1.0	2	0.01	<0.5	<1	11	<1	0.68	10
H447158	5.02	0.02	<0.5	6.11	5	420	0.9	3	0.06	<0.5	1	7	<1	0.77	20
H447159	5.78	0.01	0.5	6.20	<5	450	1.0	3	0.08	<0.5	1	5	1	0.77	20
H447160	5.18	0.04	<0.5	6.36	5	450	0.9	3	0.07	<0.5	1	7	3	0.77	20
H447161	6.13	0.01	<0.5	6.78	<5	490	0.9	<2	0.11	<0.5	1	8	4	0.69	20
H447162	5.62	0.02	<0.5	6.26	5	460	0.9	3	0.21	<0.5	1	9	7	0.62	20
H447163	5.64	0.03	3.2	6.60	<5	430	1.2	7	0.19	<0.5	1	11	6	0.66	20
H447164	5.88	0.45	1.5	3.49	<5	280	0.7	3	0.08	<0.5	1	14	2	0.65	10
H447165	5.61	0.02	0.9	6.35	<5	500	1.3	4	0.10	<0.5	1	8	2	1.00	20
H447166	6.50	0.03	<0.5	6.24	<5	580	1.3	<2	0.06	<0.5	<1	9	2	0.84	20
H447167	4.78	0.04	0.5	5.40	<5	380	0.8	<2	0.10	<0.5	<1	11	3	0.71	10
H447168	5.72	0.13	<0.5	5.79	<5	610	1.1	<2	0.04	<0.5	1	7	1	0.76	20
H447169	4.84	0.03	<0.5	4.23	<5	470	0.9	<2	0.06	<0.5	1	13	2	0.66	10

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

Finalized Date: 2-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09073900

Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H447132	1.53	<10	0.01	86	3	0.60	<1	80	44	0.13	<5	<1	13	<20	<0.01
H447133	0.77	<10	0.01	49	3	0.05	1	30	37	0.05	<5	<1	3	<20	<0.01
H447134	2.05	10	0.02	483	1	1.55	<1	140	10	0.17	<5	<1	22	<20	<0.01
H447135	2.48	10	0.02	411	<1	2.34	<1	150	14	0.34	5	1	46	<20	<0.01
H447136	2.36	10	0.01	290	<1	2.40	<1	130	12	0.46	<5	<1	49	<20	<0.01
H447137	2.35	10	0.01	323	<1	2.22	<1	130	13	0.32	<5	1	41	<20	<0.01
H447138	2.45	10	0.01	386	<1	2.74	<1	140	20	0.27	<5	<1	45	<20	<0.01
H447139	2.47	10	0.01	293	<1	2.55	<1	140	17	0.37	<5	<1	43	<20	<0.01
H447140	2.68	10	0.01	468	<1	2.73	<1	140	19	0.16	<5	<1	42	<20	<0.01
H447141	2.54	10	0.01	189	<1	2.59	<1	140	10	0.19	7	1	41	<20	<0.01
H447142	2.47	10	0.01	328	<1	2.47	<1	160	8	0.19	<5	1	30	<20	<0.01
H447143	2.70	10	0.02	342	<1	2.76	1	180	14	0.18	<5	1	38	<20	<0.01
H447144	1.66	10	0.01	155	<1	1.73	<1	110	6	0.17	6	<1	26	<20	<0.01
H447145	2.86	10	0.01	205	<1	2.83	<1	170	18	0.24	8	1	37	<20	<0.01
H447146	2.55	10	0.01	58	<1	2.56	<1	140	12	0.09	<5	1	38	<20	<0.01
H447147	2.41	10	0.01	287	<1	2.58	<1	170	12	0.19	<5	<1	42	<20	<0.01
H447148	1.83	10	0.01	51	<1	1.90	<1	110	10	0.23	<5	<1	32	<20	<0.01
H447149	2.82	10	0.01	79	<1	2.88	<1	170	11	0.14	<5	1	42	<20	<0.01
H447150	2.36	10	0.01	49	<1	2.43	<1	130	13	0.11	<5	1	39	<20	<0.01
H447151	1.99	10	0.01	101	<1	2.33	<1	150	6	0.16	<5	1	31	<20	<0.01
H447152	2.54	10	0.01	267	<1	2.67	<1	150	9	0.28	<5	1	39	<20	<0.01
H447153	2.34	10	0.01	301	<1	2.71	<1	150	9	0.31	<5	1	41	<20	<0.01
H447154	1.97	10	0.01	359	<1	2.50	<1	140	8	0.25	<5	<1	32	<20	<0.01
H447155	1.95	10	0.01	256	<1	2.18	<1	140	6	0.18	7	1	21	<20	<0.01
H447156	1.87	10	0.02	382	<1	2.36	<1	130	<2	0.19	<5	1	18	<20	<0.01
H447157	1.73	10	0.02	77	<1	1.56	<1	130	<2	0.07	7	<1	14	<20	<0.01
H447158	2.28	10	0.01	183	<1	2.17	<1	150	6	0.22	<5	1	33	<20	<0.01
H447159	2.43	10	0.01	329	<1	1.95	<1	150	34	0.21	<5	1	31	<20	<0.01
H447160	2.33	10	0.01	276	<1	2.54	<1	160	8	0.26	<5	1	43	<20	<0.01
H447161	2.43	10	0.01	328	<1	2.93	<1	160	14	0.27	6	1	54	<20	<0.01
H447162	1.99	10	0.01	364	<1	2.75	<1	140	11	0.22	<5	1	48	<20	<0.01
H447163	2.03	10	0.02	471	2	2.05	<1	140	53	0.09	<5	1	21	<20	<0.01
H447164	1.31	10	0.02	227	13	0.53	<1	80	89	0.10	<5	<1	7	<20	<0.01
H447165	2.35	10	0.02	278	<1	1.19	<1	160	28	0.35	<5	1	13	<20	<0.01
H447166	2.73	10	0.02	252	<1	1.10	1	140	10	0.10	<5	1	17	<20	<0.01
H447167	1.35	10	0.02	191	<1	2.14	2	120	3	0.23	<5	<1	14	<20	<0.01
H447168	1.98	10	0.03	140	1	1.40	1	130	5	0.09	<5	<1	10	<20	<0.01
H447169	1.51	10	0.03	146	2	0.92	1	90	7	0.09	<5	<1	9	<20	<0.01

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

Finalized Date: 2-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09073900

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H447132		<10	<10	2	<10	128
H447133		<10	<10	1	<10	94
H447134		<10	<10	2	<10	29
H447135		<10	<10	<1	<10	47
H447136		<10	<10	<1	<10	68
H447137		<10	<10	<1	<10	27
H447138		<10	<10	1	<10	55
H447139		<10	<10	<1	<10	53
H447140		<10	<10	<1	<10	77
H447141		<10	<10	<1	<10	26
H447142		<10	<10	<1	<10	61
H447143		<10	<10	1	<10	31
H447144		<10	<10	<1	<10	21
H447145		<10	<10	<1	<10	23
H447146		<10	<10	1	<10	16
H447147		<10	<10	<1	<10	37
H447148		<10	<10	1	<10	107
H447149		<10	<10	<1	<10	12
H447150		<10	<10	1	<10	14
H447151		<10	<10	1	<10	12
H447152		<10	<10	<1	<10	16
H447153		<10	<10	<1	<10	13
H447154		<10	<10	<1	<10	11
H447155		<10	<10	1	<10	16
H447156		<10	<10	1	<10	16
H447157		<10	<10	2	<10	8
H447158		<10	<10	1	<10	9
H447159		<10	<10	<1	<10	21
H447160		<10	<10	1	<10	14
H447161		<10	<10	1	<10	14
H447162		<10	<10	1	<10	12
H447163		<10	<10	1	<10	62
H447164		<10	<10	1	<10	39
H447165		<10	<10	2	<10	36
H447166		<10	<10	2	<10	43
H447167		<10	10	<1	<10	14
H447168		<10	<10	1	<10	29
H447169		<10	<10	1	<10	14

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

INVOICE NUMBER 1937919

BILLING INFORMATION

Certificate:	**TB09074493**
Sample Type:	**Channel**
Account:	**PJV**
Date:	**3-AUG-2009**
Project:	ST. ANTHONY CHANNEL SAMPLES
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
74	PREP-31	Crush, Split, Pulverize	6.08	449.92
363.05	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	214.20
71	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	953.53
3	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	40.29
74	ME-ICP61	33 element four acid ICP-AES	5.93	438.82
74	GEO-4ACID	Four acid "near total" dig	4.20	310.80
363.05	DRY-21	Weight Charge (kg) - High Temperature Drying	0.41	148.85
74	DRY-21	High Temperature Drying	2.03	150.22

SUBTOTAL (CAD)	$	2,706.63
R100938885 GST	$	135.33
TOTAL PAYABLE (CAD)	**$**	**2,841.96**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
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North Vancouver BC V7J 2C1

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

Finalized Date: 3-AUG-2009
Account: PJV

CERTIFICATE TB09074493

Project: ST. ANTHONY CHANNEL SAMPLES

P.O. No.:

This report is for 74 Channel samples submitted to our lab in Thunder Bay, ON, Canada on 22-JUL-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC

SAMPLE PREPARATION

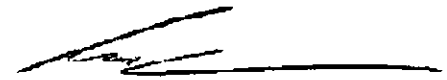
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
DRY-21	High Temperature Drying

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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Finalized Date: 3-AUG-2009
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Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09074493

Sample Description	Method	WEI-21	Au-AA26	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
H447211		4.18	<0.01		<0.5	5.35	<5	570	1.0	<2	0.06	0.6	1	14	1	0.95
H447212		5.93	0.02		<0.5	5.27	<5	550	1.1	2	0.04	<0.5	<1	14	<1	0.85
H447213		4.35	<0.01		0.5	6.53	<5	540	1.3	<2	0.25	<0.5	<1	8	1	0.46
H447214		5.52	1.03		1.0	4.99	<5	530	1.0	3	0.14	1.0	<1	20	3	0.66
H447215		6.55	0.01		<0.5	6.37	<5	760	1.1	<2	0.12	<0.5	<1	9	5	0.83
H447216		6.92	0.02		<0.5	6.10	<5	730	1.2	<2	0.10	<0.5	1	18	3	0.81
H447217		5.63	<0.01		0.8	6.14	<5	670	1.1	<2	0.11	<0.5	1	10	1	0.80
H447218		4.15	0.01		0.5	4.51	<5	550	0.9	<2	0.04	<0.5	<1	20	1	0.65
H447219		4.92	<0.01		<0.5	3.65	<5	470	0.8	<2	0.04	<0.5	1	29	1	0.48
H447220		2.68	<0.01		<0.5	5.96	<5	830	0.9	<2	0.08	<0.5	<1	9	<1	0.71
H447221		6.12	0.01		<0.5	6.01	<5	1070	1.0	<2	0.09	0.7	1	10	<1	0.82
H447222		7.91	0.01		<0.5	6.40	<5	920	1.0	<2	0.10	<0.5	1	9	<1	0.81
H447223		6.28	0.01		<0.5	6.34	<5	900	1.0	2	0.14	<0.5	1	8	<1	0.79
H447224		5.35	<0.01		<0.5	6.19	<5	710	1.2	<2	0.08	<0.5	<1	9	<1	0.75
H447225		5.43	0.04		0.9	5.25	<5	370	0.9	<2	0.13	<0.5	<1	13	3	0.68
H447226		4.77	<0.01		0.6	6.40	<5	630	1.3	<2	0.07	1.6	<1	11	1	0.52
H447227		4.32	1.39		0.7	6.81	<5	720	1.2	<2	0.11	<0.5	<1	13	3	0.67
H447228		3.23	0.01		<0.5	6.07	<5	600	1.2	<2	0.05	3.7	1	12	2	0.87
H447229		4.55	0.01		0.9	6.33	<5	640	1.2	<2	0.16	<0.5	1	12	2	0.77
H447230		5.54	<0.01		<0.5	6.04	<5	610	1.2	<2	0.06	<0.5	<1	10	<1	0.69
H447231		4.42	0.43		<0.5	5.21	<5	700	0.7	<2	0.06	<0.5	1	12	<1	0.55
H447232		4.16	<0.01		<0.5	6.15	<5	670	1.3	<2	0.05	<0.5	<1	9	<1	0.81
H447233		4.50	<0.01		0.5	4.60	<5	560	0.8	<2	0.05	<0.5	1	14	1	0.71
H447234		4.64	0.12		<0.5	2.68	<5	220	0.6	<2	3.44	<0.5	10	47	15	3.38
H447235		4.64	0.02		<0.5	0.39	<5	40	<0.5	<2	1.12	<0.5	3	27	<1	1.31
H447236		2.70	45.7	42.9	2.1	1.60	13	140	<0.5	2	0.25	<0.5	8	65	8	2.81
H447237		4.28	11.60	16.60	<0.5	0.58	<5	50	<0.5	<2	0.68	<0.5	5	34	5	1.32
H447238		5.97	0.05	0.04	<0.5	5.50	<5	420	1.1	<2	0.19	<0.5	<1	13	9	1.19
H447239		5.61	0.02		0.8	6.05	<5	500	1.2	2	0.19	<0.5	<1	9	7	1.12
H447240		4.01	0.03		<0.5	5.36	<5	370	1.1	<2	0.18	<0.5	<1	10	10	0.91
H447241		7.27	0.04		<0.5	5.94	8	390	1.3	<2	0.24	<0.5	<1	41	8	0.96
H447242		4.06	0.06		<0.5	3.73	<5	200	0.6	<2	0.05	<0.5	<1	18	4	0.65
H447243		5.18	0.02		<0.5	5.05	5	350	0.9	<2	0.17	<0.5	<1	25	6	0.77
H447244		4.40	0.03		<0.5	6.22	7	470	1.3	<2	0.29	<0.5	<1	8	1	0.94
H447245		5.60	0.01		<0.5	5.89	<5	530	1.2	<2	0.34	<0.5	<1	11	3	0.96
H447246		5.96	0.03		0.8	5.53	<5	380	1.0	<2	0.19	<0.5	<1	8	5	0.90
H447247		5.34	0.03		<0.5	5.47	<5	410	1.0	<2	0.23	<0.5	<1	7	7	0.79
H447248		5.05	0.02		<0.5	6.67	<5	570	1.5	<2	0.33	<0.5	<1	8	3	0.92
H447249		5.82	0.03		0.6	6.22	<5	500	1.3	<2	0.36	<0.5	<1	8	6	0.87
H447250		4.68	0.05		0.5	5.96	<5	420	1.2	<2	0.31	<0.5	<1	8	7	1.00

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

Finalized Date: 3-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09074493

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
H447211		20	1.90	10	0.04	91	<1	2.03	11	110	14	0.11	<5	<1	35	<20
H447212		20	1.73	10	0.04	113	<1	1.70	9	100	13	0.12	<5	<1	20	<20
H447213		20	1.57	10	0.02	438	<1	4.02	4	160	15	0.03	<5	<1	52	<20
H447214		10	1.46	10	0.03	223	<1	1.59	3	140	32	0.09	<5	<1	15	<20
H447215		20	2.38	10	0.03	224	<1	3.01	9	160	18	0.18	<5	<1	49	<20
H447216		20	2.03	10	0.04	255	<1	1.63	5	130	23	0.13	<5	<1	16	<20
H447217		20	1.80	10	0.04	226	<1	2.08	<1	130	16	0.21	<5	<1	15	<20
H447218		10	1.42	10	0.03	106	<1	1.24	1	90	11	0.13	<5	<1	8	<20
H447219		10	1.42	<10	0.03	78	<1	0.51	3	90	5	0.02	<5	<1	5	<20
H447220		20	2.53	10	0.02	135	<1	2.62	1	130	21	0.11	<5	<1	47	<20
H447221		20	2.51	10	0.02	171	<1	2.56	1	150	21	0.21	<5	<1	50	<20
H447222		20	2.69	10	0.02	234	<1	2.74	1	150	22	0.13	<5	<1	46	<20
H447223		20	2.59	10	0.01	363	<1	2.72	<1	150	22	0.21	<5	<1	50	<20
H447224		20	2.13	10	0.03	223	<1	1.84	<1	140	10	0.10	<5	<1	18	<20
H447225		10	1.41	10	0.02	254	1	1.98	1	90	5	0.11	<5	<1	18	<20
H447226		10	2.04	10	0.03	207	2	1.84	1	120	24	0.02	<5	<1	19	<20
H447227		20	1.93	10	0.03	205	2	2.68	1	150	14	0.04	<5	<1	26	<20
H447228		20	1.87	10	0.09	185	1	2.03	12	140	8	0.16	<5	<1	22	<20
H447229		20	1.78	10	0.06	341	<1	2.25	6	140	10	0.10	<5	<1	17	<20
H447230		20	2.19	10	0.03	202	<1	1.65	<1	130	11	0.07	<5	<1	22	<20
H447231		10	2.06	10	0.02	209	<1	2.15	<1	120	14	0.07	<5	<1	36	<20
H447232		20	2.43	10	0.03	173	<1	1.35	1	120	31	0.04	<5	<1	20	<20
H447233		10	1.49	<10	0.03	191	<1	1.69	3	90	18	0.18	<5	<1	22	<20
H447234		10	1.35	<10	1.02	2120	<1	0.02	22	60	9	0.51	<5	13	52	<20
H447235		<10	0.19	<10	0.26	962	<1	<0.01	3	20	<2	0.05	<5	3	16	<20
H447236		<10	0.80	<10	0.13	464	<1	0.01	19	40	11	0.06	<5	7	9	<20
H447237		<10	0.28	<10	0.18	579	<1	0.02	15	20	<2	0.15	<5	3	10	<20
H447238		20	1.16	10	0.03	328	<1	3.12	1	120	10	0.21	<5	<1	72	<20
H447239		20	1.55	10	0.04	306	<1	2.50	2	120	10	0.41	<5	<1	46	<20
H447240		10	1.06	10	0.02	196	<1	3.60	1	120	10	0.35	<5	<1	70	<20
H447241		10	1.11	10	0.02	221	<1	3.62	2	130	13	0.39	<5	<1	79	<20
H447242		10	0.56	10	0.02	69	<1	2.00	2	60	7	0.12	<5	<1	35	<20
H447243		10	0.94	10	0.02	224	<1	2.81	<1	110	6	0.27	<5	<1	46	<20
H447244		10	1.64	10	0.02	399	<1	2.82	<1	130	16	0.40	<5	<1	45	<20
H447245		10	1.67	10	0.03	358	<1	2.95	2	140	16	0.45	<5	<1	66	<20
H447246		10	1.23	10	0.02	257	<1	2.72	2	110	23	0.31	<5	<1	42	<20
H447247		10	1.07	10	0.03	260	<1	3.03	1	110	4	0.24	<5	<1	50	<20
H447248		10	2.00	10	0.04	403	<1	2.34	2	130	6	0.30	<5	<1	36	<20
H447249		10	1.70	10	0.03	394	<1	2.47	1	130	8	0.35	<5	<1	38	<20
H447250		10	1.18	10	0.02	300	<1	3.37	2	130	16	0.29	<5	<1	73	<20

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KENORA ON P9N 2K2

Finalized Date: 3-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09074493

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H447211		<0.01	<10	<10	1	<10	131
H447212		<0.01	<10	<10	1	<10	19
H447213		<0.01	<10	10	<1	<10	20
H447214		<0.01	<10	<10	2	<10	291
H447215		<0.01	<10	10	1	<10	21
H447216		<0.01	<10	10	3	<10	19
H447217		<0.01	<10	10	2	<10	17
H447218		<0.01	<10	<10	3	<10	14
H447219		<0.01	<10	<10	4	<10	15
H447220		<0.01	<10	10	<1	<10	25
H447221		<0.01	<10	10	1	<10	166
H447222		<0.01	<10	10	1	<10	44
H447223		<0.01	<10	10	1	<10	77
H447224		<0.01	<10	<10	2	<10	33
H447225		<0.01	<10	10	3	<10	27
H447226		<0.01	<10	10	1	<10	301
H447227		<0.01	<10	10	2	<10	25
H447228		<0.01	<10	10	2	<10	679
H447229		<0.01	<10	10	1	<10	55
H447230		<0.01	<10	<10	2	<10	42
H447231		<0.01	<10	<10	6	<10	32
H447232		<0.01	<10	<10	2	<10	23
H447233		<0.01	<10	<10	2	<10	21
H447234		0.11	<10	<10	78	10	37
H447235		0.02	<10	<10	12	<10	8
H447236		0.05	<10	<10	53	<10	9
H447237		0.02	<10	<10	14	<10	10
H447238		<0.01	<10	10	3	<10	34
H447239		<0.01	<10	10	3	<10	15
H447240		<0.01	<10	10	2	<10	27
H447241		<0.01	<10	10	1	<10	24
H447242		<0.01	<10	<10	2	<10	3
H447243		<0.01	<10	<10	2	<10	16
H447244		<0.01	<10	10	1	<10	40
H447245		<0.01	<10	10	1	<10	47
H447246		<0.01	<10	10	1	<10	16
H447247		<0.01	<10	10	1	<10	19
H447248		<0.01	<10	10	1	<10	21
H447249		<0.01	<10	10	1	<10	23
H447250		0.01	<10	10	1	<10	22

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CERTIFICATE OF ANALYSIS TB09074493

Method	WEI-21	Au-AA26	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	Recvd Wt.	Au	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units	kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description LOR	0.02	0.01	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
H447251	4.59	0.02		<0.5	5.78	<5	420	1.0	<2	0.30	<0.5	<1	8	5	0.85
H447252	4.11	0.05		<0.5	5.81	<5	490	1.1	<2	0.40	<0.5	1	8	7	0.89
H447253	4.09	0.03		<0.5	5.60	5	470	1.3	<2	0.30	<0.5	1	6	7	0.87
H447254	5.62	0.07		<0.5	5.76	<5	490	1.3	<2	0.34	<0.5	<1	9	4	0.88
H447255	4.17	0.05		<0.5	6.28	<5	500	1.4	<2	0.20	<0.5	<1	8	2	1.03
H447256	5.15	0.04		0.9	5.85	7	420	1.1	<2	0.14	<0.5	1	9	5	1.01
H447257	4.81	0.01		0.6	6.04	<5	510	1.1	<2	0.34	<0.5	<1	9	6	1.11
H447258	3.63	<0.01		<0.5	6.12	<5	540	1.2	<2	0.39	<0.5	<1	6	5	1.12
H447259	4.03	0.08		<0.5	6.02	<5	530	1.2	<2	0.42	<0.5	1	8	4	1.19
H447260	5.16	0.01		0.5	6.25	<5	520	1.3	<2	0.38	<0.5	1	8	4	1.08
H447261	3.79	0.05		<0.5	6.66	<5	620	1.5	<2	0.41	<0.5	2	10	10	1.29
H447262	3.50	0.01		<0.5	5.86	<5	580	1.1	<2	0.42	<0.5	1	9	3	0.90
H447263	3.71	0.03		<0.5	5.96	<5	560	1.1	<2	0.26	<0.5	1	7	3	0.94
H447264	4.21	0.02		<0.5	5.92	<5	570	1.1	<2	0.34	<0.5	1	8	2	0.89
H447265	3.62	0.02		0.5	6.00	<5	510	1.1	<2	0.24	<0.5	1	6	3	0.96
H447266	2.48	0.01		0.5	5.74	<5	550	1.0	<2	0.30	<0.5	2	9	2	0.91
H447267	3.97	0.03		<0.5	6.03	<5	500	1.2	<2	0.36	<0.5	1	9	3	1.02
H447268	5.04	0.05		<0.5	5.79	<5	450	1.1	<2	0.29	<0.5	1	9	5	0.91
H447269	5.11	0.01		<0.5	5.81	<5	580	1.1	<2	0.42	<0.5	1	9	3	0.89
H447270	6.28	0.01		0.8	5.91	<5	540	1.3	<2	0.35	<0.5	1	8	5	0.93
H447271	5.31	0.02		<0.5	6.01	<5	630	1.5	<2	0.31	<0.5	1	5	4	1.14
H447272	5.22	0.01		<0.5	6.11	<5	640	1.9	<2	0.40	0.6	3	8	5	1.05
H447273	6.65	0.04		<0.5	6.50	<5	620	1.7	<2	0.24	0.8	1	7	2	1.10
H447274	5.19	0.01		<0.5	5.82	<5	560	1.4	<2	0.27	<0.5	2	11	4	1.12
H447275	5.45	<0.01		<0.5	5.22	<5	470	1.2	<2	0.15	<0.5	1	10	2	1.07
H447276	5.10	0.02		<0.5	5.81	<5	540	2.6	<2	0.11	<0.5	1	7	2	1.04
H447277	5.97	0.01		<0.5	5.66	<5	510	1.7	<2	0.24	<0.5	2	9	5	1.12
H447278	4.62	0.02		<0.5	5.78	<5	530	1.5	<2	0.22	<0.5	1	10	3	1.08
H447279	4.74	0.01		<0.5	5.80	<5	730	1.3	<2	0.26	<0.5	3	10	6	0.90
H447280	5.09	0.06		0.5	5.94	<5	930	1.1	<2	0.35	<0.5	1	9	4	0.88
H447281	6.98	0.01		<0.5	6.13	<5	1070	1.2	<2	0.32	<0.5	<1	10	5	0.91
H447282	4.57	0.02		1.6	5.98	<5	880	1.2	2	0.32	0.8	1	13	3	0.83
H447283	4.40	0.02		<0.5	6.35	<5	440	1.0	<2	0.08	<0.5	1	10	4	0.98
H447284	4.06	0.02		<0.5	6.09	6	650	1.2	<2	0.24	<0.5	1	10	5	0.92

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CERTIFICATE OF ANALYSIS TB09074493

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
H447251		10	1.17	10	0.03	298	<1	2.98	2	120	3	0.30	<5	<1	48	<20
H447252		10	1.59	10	0.02	386	<1	3.34	2	120	11	0.29	<5	<1	70	<20
H447253		10	1.54	10	0.02	369	2	3.25	2	130	14	0.19	<5	<1	69	<20
H447254		10	1.67	10	0.02	391	<1	3.16	2	130	10	0.18	<5	<1	62	<20
H447255		10	1.69	10	0.02	437	<1	3.32	<1	120	12	0.35	<5	<1	68	<20
H447256		10	1.44	10	0.02	229	<1	2.59	1	100	12	0.25	<5	<1	43	<20
H447257		20	1.59	10	0.02	434	<1	3.10	1	110	17	0.23	<5	<1	80	<20
H447258		20	1.76	10	0.02	458	<1	2.96	2	120	21	0.20	<5	<1	74	<20
H447259		20	1.61	10	0.02	461	<1	2.98	1	110	11	0.27	<5	<1	75	<20
H447260		20	1.60	10	0.03	421	<1	3.04	1	100	7	0.27	<5	<1	60	<20
H447261		20	1.74	10	0.07	441	<1	2.97	24	170	8	0.45	<5	<1	65	<20
H447262		10	1.72	10	0.02	419	<1	3.30	1	130	8	0.11	<5	<1	71	<20
H447263		10	1.70	10	0.02	383	<1	3.00	1	120	9	0.12	<5	<1	66	<20
H447264		10	1.75	10	0.02	433	<1	3.26	1	130	10	0.24	<5	<1	74	<20
H447265		10	1.63	10	0.02	369	<1	3.04	<1	120	12	0.32	<5	<1	66	<20
H447266		10	1.66	10	0.02	408	<1	2.84	1	120	11	0.15	<5	<1	68	<20
H447267		10	1.41	10	0.02	415	<1	3.31	<1	130	12	0.36	<5	<1	69	<20
H447268		10	1.40	10	0.02	391	<1	2.98	1	110	14	0.34	<5	<1	64	<20
H447269		10	1.73	10	0.02	431	<1	3.14	1	130	9	0.08	<5	<1	77	<20
H447270		10	1.66	10	0.02	411	<1	3.39	2	130	13	0.18	<5	<1	71	<20
H447271		20	1.60	10	0.02	486	<1	3.04	<1	110	5	0.26	<5	<1	75	<20
H447272		20	1.49	10	0.02	513	<1	3.08	<1	110	8	0.12	<5	<1	82	<20
H447273		20	1.56	10	0.02	514	<1	3.24	<1	110	10	0.25	<5	<1	69	<20
H447274		10	1.28	10	0.02	365	<1	2.85	1	90	5	0.14	<5	<1	71	<20
H447275		10	1.14	10	0.02	281	<1	2.46	<1	90	<2	0.11	<5	<1	63	<20
H447276		20	1.33	10	0.02	105	<1	2.94	<1	90	4	0.14	<5	<1	71	<20
H447277		10	1.32	10	0.02	407	<1	2.54	<1	90	2	0.34	<5	<1	61	<20
H447278		10	1.25	10	0.03	379	<1	2.78	1	100	15	0.19	<5	<1	78	<20
H447279		10	1.25	10	0.02	364	<1	3.18	<1	100	5	0.20	<5	<1	67	<20
H447280		10	1.56	10	0.02	426	<1	3.09	1	120	9	0.32	<5	<1	73	<20
H447281		10	1.91	10	0.02	404	<1	3.33	<1	130	12	0.21	<5	<1	76	<20
H447282		10	1.40	10	0.02	428	<1	3.18	<1	130	109	0.23	<5	<1	74	<20
H447283		10	1.17	10	0.02	121	<1	3.69	1	140	9	0.31	<5	<1	24	<20
H447284		10	1.33	10	0.02	357	<1	3.50	<1	120	8	0.19	<5	<1	65	<20

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

Finalized Date: 3-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09074493

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
H447251		<0.01	<10	10	2	<10	21
H447252		<0.01	<10	10	1	<10	60
H447253		<0.01	<10	10	1	<10	62
H447254		<0.01	<10	<10	1	<10	64
H447255		0.01	<10	10	1	<10	36
H447256		<0.01	<10	10	3	<10	46
H447257		0.01	<10	10	1	<10	67
H447258		0.01	<10	10	1	<10	65
H447259		0.01	<10	10	<1	<10	87
H447260		0.01	<10	10	2	<10	96
H447261		0.01	<10	10	2	<10	73
H447262		<0.01	<10	10	<1	<10	56
H447263		<0.01	<10	10	<1	<10	55
H447264		<0.01	<10	10	<1	<10	53
H447265		<0.01	<10	10	<1	<10	43
H447266		<0.01	<10	10	<1	<10	49
H447267		0.01	<10	<10	<1	<10	50
H447268		0.01	<10	10	1	<10	127
H447269		<0.01	<10	10	<1	<10	66
H447270		<0.01	<10	10	<1	<10	50
H447271		0.01	<10	10	<1	<10	61
H447272		0.01	<10	10	<1	<10	87
H447273		0.01	<10	<10	1	<10	190
H447274		0.01	<10	10	<1	<10	36
H447275		0.01	<10	<10	1	<10	21
H447276		0.01	<10	10	1	<10	20
H447277		0.01	<10	10	1	<10	30
H447278		0.01	<10	10	<1	<10	41
H447279		<0.01	<10	10	1	<10	37
H447280		<0.01	<10	10	<1	<10	45
H447281		<0.01	<10	10	<1	<10	65
H447282		<0.01	<10	10	1	<10	98
H447283		<0.01	<10	10	2	<10	14
H447284		<0.01	<10	10	1	<10	35

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

INVOICE NUMBER 1935879

BILLING INFORMATION

Certificate:	**TB09072204**
Sample Type:	**Rock**
Account:	**PJV**
Date:	**4-AUG-2009**
Project:	ST. ANTHONY ROCK CHANNEL QP
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE	- DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	27.00	27.00
81	PREP-31	Crush, Split, Pulverize	6.08	492.48
348.96	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	205.89
74	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	993.82
6	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	80.58
1	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	13.43
81	ME-ICP61	33 element four acid ICP-AES	5.93	480.33
81	GEO-4ACID	Four acid "near total" dig	4.20	340.20

SUBTOTAL (CAD)	$	2,633.73
R100938885 GST	$	131.69
TOTAL PAYABLE (CAD)	**$**	**2,765.42**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
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North Vancouver BC V7J 2C1

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

Finalized Date: 4-AUG-2009
Account: PJV

CERTIFICATE TB09072204

Project: ST. ANTHONY ROCK CHANNEL QP

P.O. No.:

This report is for 81 Rock samples submitted to our lab in Thunder Bay, ON, Canada on 16-JUL-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	ERRY HEATHERINGTON (POC T. NORRIS

SAMPLE PREPARATION

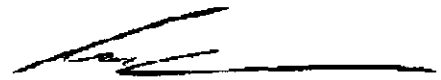
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 4-AUG-2009
Account: PJV

Project: ST. ANTHONY ROCK CHANNEL QP

CERTIFICATE OF ANALYSIS TB09072204

Method	WEI-21	Au-AA26	Au-AA26	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	Recvd Wt.	Au	Au Check	Au Check	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
Units	kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description LOR	0.02	0.01	0.01	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1
H447001	4.40	0.24			<0.5	3.76	<5	280	0.8	<2	0.03	0.7	1	12	1
H447002	3.42	3.65			3.2	4.71	<5	300	0.9	7	0.06	3.4	1	10	2
H447003	5.09	0.59			0.6	5.16	<5	360	1.0	2	0.09	3.9	<1	10	1
H447004	3.60	0.39			9.9	1.25	<5	90	<0.5	20	0.01	9.6	3	16	12
H447005	3.49	0.03			<0.5	5.14	<5	410	1.1	<2	0.07	<0.5	1	13	1
H447006	5.89	0.01			<0.5	8.37	<5	690	1.7	<2	0.23	<0.5	<1	5	1
H447007	2.92	3.97			30.1	0.27	<5	<10	<0.5	72	0.01	5.4	2	12	2
H447008	6.55	1.58			1.7	3.63	<5	230	0.7	2	0.06	0.8	1	14	1
H447009	4.88	0.11			0.8	4.93	<5	360	1.1	3	0.06	1.8	1	14	2
H447010	6.01	1.74			4.0	4.25	<5	420	1.1	9	0.02	<0.5	1	14	2
H447011	6.66	0.10			<0.5	4.03	<5	290	0.7	<2	0.05	4.5	1	14	4
H447012	5.95	0.04			1.4	4.73	<5	290	0.8	3	0.10	<0.5	1	14	2
H447013	2.28	0.05			<0.5	3.38	<5	270	0.8	<2	0.03	<0.5	2	12	3
H447014	3.33	0.16	0.11		1.2	2.96	<5	180	0.5	<2	0.02	<0.5	1	14	3
H447015	5.19	0.03	0.02		<0.5	1.53	<5	90	<0.5	<2	0.01	<0.5	1	17	1
H447016	2.03	1.38	0.15	0.16	<0.5	6.18	<5	450	1.2	<2	0.06	<0.5	1	6	2
H447017	3.56	0.10	0.02		<0.5	5.69	<5	520	1.3	<2	0.04	<0.5	2	10	6
H447018	3.51	1.30	1.12		<0.5	2.53	<5	260	0.7	2	<0.01	<0.5	4	11	13
H447019	3.14	<0.01	0.01		0.5	2.40	<5	230	0.6	<2	0.01	0.6	2	18	9
H447020	2.32	4.92	3.15		1.2	6.22	<5	730	1.8	<2	0.01	<0.5	2	10	6
H447021	3.82	0.15			<0.5	4.38	<5	410	0.7	<2	0.07	<0.5	2	10	9
H447022	5.94	0.20			<0.5	5.92	<5	570	0.8	<2	0.09	<0.5	1	7	8
H447023	4.54	0.03			<0.5	5.91	<5	640	0.8	<2	0.10	<0.5	1	6	10
H447024	3.26	0.02			1.0	6.22	<5	560	0.9	<2	0.12	<0.5	2	6	8
H447025	5.83	0.05			0.6	6.02	<5	600	0.7	<2	0.11	<0.5	2	6	11
H447026	4.40	0.01			<0.5	6.06	<5	850	0.7	<2	0.14	1.3	1	5	2
H447027	5.20	<0.01			<0.5	5.69	<5	810	0.7	<2	0.10	<0.5	<1	8	2
H447028	4.44	0.01			<0.5	6.04	<5	840	0.7	<2	0.10	<0.5	<1	5	2
H447029	5.38	<0.01			<0.5	5.96	<5	860	0.7	<2	0.11	<0.5	1	6	1
H447030	6.10	0.02			<0.5	6.22	<5	900	0.7	<2	0.11	<0.5	<1	7	3
H447031	6.90	0.01			<0.5	6.10	<5	920	0.8	<2	0.11	<0.5	<1	7	5
H447032	6.45	0.03			<0.5	6.25	<5	860	0.8	<2	0.13	<0.5	1	9	5
H447033	8.10	0.05			0.6	5.59	<5	750	0.7	<2	0.10	<0.5	<1	8	3
H447034	7.13	0.06			<0.5	6.35	<5	850	0.9	<2	0.11	<0.5	1	6	10
H447035	5.25	41.1			20.9	0.90	<5	70	<0.5	36	0.01	0.7	1	25	3
H447036	3.32	4.53			4.6	1.53	<5	120	<0.5	8	0.01	1.0	1	15	1
H447037	4.22	0.04			0.6	4.13	<5	290	0.7	<2	0.04	<0.5	1	11	1
H447038	4.22	0.03			3.1	3.01	<5	220	0.5	7	0.03	0.8	1	15	2
H447039	1.56	0.16			5.1	5.67	<5	410	0.8	10	0.09	<0.5	1	6	1
H447040	2.07	0.28			1.6	5.49	<5	390	0.8	4	0.08	0.7	1	6	8

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

Finalized Date: 4-AUG-2009
Account: PJV

Project: ST. ANTHONY ROCK CHANNEL QP

CERTIFICATE OF ANALYSIS TB09072204

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
H447001		0.90	10	1.54	<10	0.03	52	<1	0.67	1	100	31	0.39	<5	<1	13
H447002		1.30	10	1.72	10	0.02	66	2	1.43	1	130	73	0.91	<5	<1	27
H447003		0.83	20	2.15	10	0.02	190	1	1.37	<1	140	11	0.36	<5	<1	22
H447004		1.03	10	0.54	<10	0.01	39	3	0.10	5	30	125	0.83	<5	<1	1
H447005		0.82	20	2.23	10	0.02	139	1	0.90	1	140	17	0.19	<5	<1	17
H447006		0.76	20	2.84	10	0.04	407	<1	2.68	<1	220	4	0.01	<5	1	23
H447007		1.02	<10	0.12	<10	<0.01	33	4	0.01	2	20	479	0.88	<5	<1	<1
H447008		0.83	10	1.35	<10	0.02	109	1	0.93	2	100	26	0.46	<5	<1	15
H447009		1.20	20	2.05	10	0.03	122	3	1.06	2	130	28	0.68	<5	<1	19
H447010		0.84	20	1.96	<10	0.03	69	2	0.31	1	110	60	0.13	<5	<1	8
H447011		0.96	10	1.60	<10	0.02	88	2	0.98	2	100	12	0.53	<5	<1	18
H447012		0.82	10	1.62	10	0.02	235	1	1.53	<1	130	43	0.31	<5	<1	20
H447013		0.66	10	1.43	<10	0.03	61	1	0.46	2	80	5	0.07	<5	<1	7
H447014		0.66	10	1.14	<10	0.01	44	1	0.91	<1	70	21	0.13	<5	<1	15
H447015		0.62	<10	0.60	<10	0.01	41	<1	0.42	<1	40	8	0.17	<5	<1	5
H447016		0.91	20	2.51	10	0.02	150	1	1.33	2	170	24	0.20	<5	<1	18
H447017		0.89	20	2.57	10	0.03	107	<1	0.90	4	180	14	0.26	<5	<1	18
H447018		1.03	10	1.18	<10	0.02	53	1	0.07	6	70	37	0.49	<5	<1	3
H447019		0.59	10	1.09	<10	0.01	55	<1	0.22	5	50	22	0.05	<5	<1	5
H447020		1.89	20	3.11	10	0.06	98	<1	0.08	4	270	42	0.95	<5	1	7
H447021		0.66	10	1.53	<10	0.02	85	1	1.55	3	90	7	0.12	<5	<1	25
H447022		0.70	20	2.29	10	0.01	121	3	2.62	2	150	13	0.17	<5	<1	42
H447023		0.71	20	2.48	10	0.01	224	1	2.71	2	140	19	0.21	<5	<1	49
H447024		0.62	20	2.12	10	0.02	116	<1	2.80	2	140	10	0.07	<5	<1	42
H447025		0.72	20	2.63	10	0.01	248	<1	2.79	4	140	24	0.29	<5	<1	45
H447026		0.70	10	2.66	10	0.01	493	<1	2.72	<1	140	14	0.14	<5	<1	36
H447027		0.75	10	2.56	10	0.01	278	<1	2.57	1	130	14	0.17	<5	<1	40
H447028		0.74	20	2.69	10	0.01	348	<1	2.78	<1	140	11	0.12	<5	<1	38
H447029		0.73	20	2.66	10	0.01	361	<1	2.64	1	140	10	0.06	<5	<1	38
H447030		0.78	20	2.70	10	0.01	340	<1	2.70	1	140	15	0.07	<5	<1	38
H447031		0.73	20	2.68	10	0.01	371	<1	2.61	1	140	16	0.09	<5	<1	38
H447032		0.71	20	2.57	10	0.01	438	<1	2.63	<1	140	16	0.08	<5	<1	36
H447033		0.73	10	2.29	10	0.01	147	<1	2.47	1	130	17	0.20	<5	<1	42
H447034		0.74	20	2.58	10	0.01	251	<1	2.56	<1	140	14	0.16	<5	<1	43
H447035		0.65	<10	0.37	<10	0.01	34	3	0.11	2	30	413	0.26	<5	<1	3
H447036		0.72	10	0.66	<10	0.01	38	7	0.22	<1	50	45	0.34	<5	<1	5
H447037		0.63	10	1.66	<10	0.01	65	<1	1.46	1	110	18	0.18	<5	<1	26
H447038		0.56	10	1.18	<10	0.01	96	3	1.02	1	70	33	0.19	<5	<1	18
H447039		0.95	10	2.23	10	0.01	199	<1	2.53	<1	160	35	0.46	<5	<1	41
H447040		0.77	10	2.19	10	0.01	373	<1	2.37	1	150	24	0.22	<5	<1	35

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

Finalized Date: 4-AUG-2009
Account: PJV

Project: ST. ANTHONY ROCK CHANNEL QP

CERTIFICATE OF ANALYSIS TB09072204

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
H447001		<20	<0.01	<10	<10	3	<10	213
H447002		<20	<0.01	<10	<10	2	<10	968
H447003		<20	<0.01	<10	10	1	<10	1080
H447004		<20	<0.01	<10	<10	1	<10	2540
H447005		<20	<0.01	<10	<10	2	<10	136
H447006		<20	0.01	<10	10	5	<10	80
H447007		<20	<0.01	<10	<10	1	<10	1480
H447008		<20	<0.01	<10	<10	2	<10	220
H447009		<20	<0.01	<10	<10	2	<10	539
H447010		<20	<0.01	<10	<10	4	<10	107
H447011		<20	<0.01	<10	<10	2	<10	1260
H447012		<20	<0.01	<10	<10	2	<10	122
H447013		<20	<0.01	<10	<10	2	<10	19
H447014		<20	<0.01	<10	<10	1	<10	14
H447015		<20	<0.01	<10	<10	1	<10	101
H447016		<20	<0.01	<10	<10	2	<10	70
H447017		<20	<0.01	<10	<10	4	<10	40
H447018		<20	<0.01	<10	<10	4	<10	22
H447019		<20	<0.01	<10	<10	2	<10	169
H447020		<20	0.01	<10	<10	13	10	35
H447021		<20	<0.01	<10	<10	2	<10	13
H447022		<20	<0.01	<10	10	1	<10	13
H447023		<20	<0.01	<10	10	1	<10	14
H447024		<20	<0.01	<10	10	2	<10	12
H447025		<20	<0.01	<10	10	<1	<10	13
H447026		<20	<0.01	<10	10	<1	<10	260
H447027		<20	<0.01	<10	10	1	<10	47
H447028		<20	<0.01	<10	10	<1	<10	33
H447029		<20	<0.01	<10	10	<1	<10	33
H447030		<20	<0.01	<10	10	<1	<10	33
H447031		<20	<0.01	<10	10	<1	<10	28
H447032		<20	<0.01	<10	10	<1	<10	41
H447033		<20	<0.01	<10	10	<1	<10	21
H447034		<20	<0.01	<10	<10	<1	<10	46
H447035		<20	<0.01	<10	<10	1	<10	191
H447036		<20	<0.01	<10	<10	1	<10	281
H447037		<20	<0.01	<10	<10	1	<10	71
H447038		<20	<0.01	<10	<10	1	<10	200
H447039		<20	<0.01	<10	10	<1	<10	102
H447040		<20	<0.01	<10	10	<1	<10	168

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

Finalized Date: 4-AUG-2009
Account: PJV

Project: ST. ANTHONY ROCK CHANNEL QP

CERTIFICATE OF ANALYSIS TB09072204

Sample Description	Method	WEI-21	Au-AA26	Au-AA26	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Au Check	Au Check	Ag	Al	As	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	0.01	0.01	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1
H447041		3.48	0.01			<0.5	4.52	<5	320	0.7	<2	0.06	<0.5	1	12	1
H447042		3.86	0.01			<0.5	5.97	<5	470	0.9	<2	0.12	<0.5	<1	6	1
H447043		1.43	0.15			<0.5	5.45	<5	450	0.8	<2	0.07	<0.5	<1	7	1
H447044		1.89	0.06			<0.5	4.22	<5	340	0.7	<2	0.04	<0.5	<1	8	1
H447045		3.48	0.04			<0.5	6.29	<5	580	1.0	<2	0.08	<0.5	1	5	<1
H447046		2.67	0.02			<0.5	6.00	<5	540	0.9	<2	0.08	<0.5	1	6	2
H447047		4.00	0.03			5.8	4.52	<5	350	0.8	10	0.05	<0.5	1	8	2
H447048		3.31	0.06			0.5	6.19	<5	500	1.1	2	0.06	<0.5	1	5	1
H447049		4.44	0.40			<0.5	5.61	<5	510	1.0	<2	0.06	<0.5	1	7	2
H447050		3.38	39.8			2.8	6.19	<5	590	1.2	<2	0.07	<0.5	<1	5	2
H447051		1.30	0.02			0.7	4.82	<5	320	1.0	3	0.04	0.5	1	7	1
H447052		3.95	11.60			1.7	7.75	<5	590	1.8	5	0.06	<0.5	1	5	1
H447053		3.73	2.24			<0.5	5.99	<5	410	1.2	<2	0.04	<0.5	<1	13	<1
H447054		4.10	54.3			7.7	2.34	<5	200	0.6	9	0.01	1.0	1	17	4
H447055		4.40	6.04			8.3	1.42	5	130	<0.5	17	0.01	<0.5	2	28	2
H447056		3.64	39.7			10.7	3.44	<5	320	0.8	25	0.02	1.4	<1	12	<1
H447057		6.07	16.80			13.7	5.83	<5	600	1.3	11	0.04	1.0	<1	11	<1
H447058		2.72	0.71			0.5	1.77	<5	230	0.5	<2	<0.01	<0.5	1	12	<1
H447059		3.56	0.30			4.6	3.10	<5	190	0.6	8	0.04	1.0	<1	14	<1
H447060		6.16	5.86			3.7	3.70	<5	210	0.7	7	0.08	4.0	<1	12	<1
H447061		4.24	2.45			58.3	2.67	<5	210	0.6	132	0.01	<0.5	1	18	1
H447062		5.37	0.06			2.1	5.10	<5	390	1.1	5	0.06	<0.5	1	11	<1
H447063		2.96	2.02			1.4	2.99	<5	260	0.7	2	0.02	0.6	1	10	<1
H447064		4.94	0.23			10.3	4.80	<5	340	1.0	20	0.07	1.7	1	13	1
H447065		3.49	1.26			3.2	2.60	<5	210	0.6	9	0.02	<0.5	1	16	<1
H447066		5.96	1.83			<0.5	2.86	<5	260	0.7	2	0.01	<0.5	1	19	<1
H447067		3.45	0.02			0.9	3.35	<5	300	0.8	3	0.01	<0.5	1	13	1
H447068		3.62	1.44			0.6	1.48	<5	140	<0.5	<2	<0.01	1.6	1	14	1
H447069		5.35	2.32			0.9	2.56	<5	230	0.6	<2	0.01	<0.5	<1	17	1
H447070		4.97	0.23			1.7	4.08	<5	320	0.8	5	0.21	1.2	<1	11	<1
H447071		7.01	0.02			0.7	5.23	<5	370	0.9	3	0.06	0.7	1	11	<1
H447072		3.33	0.80			<0.5	4.19	<5	270	0.6	2	0.04	<0.5	<1	16	<1
H447073		3.47	0.12			0.5	2.88	<5	210	0.5	<2	0.03	<0.5	<1	17	<1
H447074		4.15	0.86			<0.5	4.14	<5	270	0.7	<2	0.05	<0.5	<1	11	<1
H447075		4.95	1.09			2.6	4.89	<5	310	0.9	5	0.07	<0.5	<1	8	<1
H447076		3.83	0.08			13.1	4.75	<5	270	0.8	27	0.06	<0.5	<1	8	1
H447077		5.30	0.30			<0.5	4.72	<5	330	0.9	<2	0.05	<0.5	<1	9	<1
H447078		4.12	0.02			<0.5	5.67	<5	370	1.2	<2	0.08	<0.5	<1	9	1
H447079		4.12	0.01			<0.5	5.88	<5	350	1.1	<2	0.08	<0.5	<1	6	<1
H447080		4.15	0.01			<0.5	5.75	<5	340	1.1	<2	0.08	<0.5	<1	7	<1

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

Finalized Date: 4-AUG-2009
Account: PJV

Project: ST. ANTHONY ROCK CHANNEL QP

CERTIFICATE OF ANALYSIS TB09072204

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
H447041		0.64	10	1.77	10	0.01	183	1	1.91	<1	120	14	0.22	<5	<1	32
H447042		0.66	20	2.63	10	0.01	385	<1	2.73	<1	160	14	0.16	<5	<1	42
H447043		0.72	10	2.36	10	0.01	203	<1	2.28	<1	120	15	0.23	<5	<1	40
H447044		0.59	10	1.77	<10	0.01	46	1	1.67	<1	90	14	0.06	<5	<1	30
H447045		0.68	20	2.73	10	0.02	84	<1	2.61	<1	140	12	0.09	<5	<1	46
H447046		0.64	20	2.68	10	0.01	121	<1	2.81	<1	160	15	0.11	<5	<1	44
H447047		0.63	10	1.56	10	0.01	80	<1	1.68	1	100	37	0.08	<5	<1	27
H447048		0.90	20	2.19	10	0.01	113	1	2.41	<1	150	29	0.09	<5	<1	42
H447049		0.60	20	2.35	10	0.01	99	<1	2.31	1	130	12	0.04	<5	<1	44
H447050		0.81	20	2.72	10	0.01	130	<1	2.42	<1	160	110	0.07	<5	<1	40
H447051		0.69	20	1.90	10	0.02	163	1	1.02	<1	130	51	0.09	<5	<1	15
H447052		1.13	30	3.54	10	0.04	171	1	1.39	1	230	103	0.18	<5	1	23
H447053		0.79	20	2.71	10	0.02	129	<1	1.31	2	160	73	0.05	<5	1	24
H447054		0.55	10	1.05	<10	0.01	67	1	0.16	3	50	818	0.09	<5	<1	2
H447055		2.94	10	0.63	<10	0.01	37	2	0.16	4	40	300	2.75	<5	<1	3
H447056		0.75	10	1.50	<10	0.02	54	2	0.36	1	90	375	0.21	<5	<1	7
H447057		0.99	20	2.56	10	0.03	81	2	0.94	2	140	181	0.22	<5	<1	19
H447058		0.52	10	0.85	<10	0.01	37	10	0.03	2	30	25	0.07	<5	<1	2
H447059		0.61	10	1.17	10	0.01	91	4	0.84	1	90	274	0.17	<5	<1	14
H447060		0.64	10	1.41	<10	0.01	148	1	1.11	2	100	60	0.24	<5	<1	20
H447061		0.60	10	1.18	<10	0.01	67	1	0.31	2	80	949	0.11	<5	<1	5
H447062		0.87	20	2.34	10	0.02	187	<1	0.96	2	140	59	0.22	<5	<1	17
H447063		0.56	10	1.35	10	0.02	56	<1	0.16	1	80	37	0.05	<5	<1	5
H447064		0.70	10	1.98	10	0.01	214	2	0.80	2	130	129	0.14	<5	<1	13
H447065		0.68	10	1.20	<10	0.01	164	3	0.24	3	60	65	0.14	<5	<1	5
H447066		0.59	10	1.34	<10	0.02	53	4	0.07	1	70	14	0.05	<5	<1	3
H447067		0.68	10	1.54	<10	0.02	47	1	0.37	2	90	21	0.07	<5	<1	8
H447068		0.52	10	0.73	<10	0.01	41	<1	0.04	2	40	11	0.09	<5	<1	2
H447069		0.68	10	1.13	<10	0.01	42	1	0.31	2	60	18	0.10	<5	<1	6
H447070		0.97	10	1.39	<10	0.02	398	<1	0.97	1	140	21	0.49	<5	<1	8
H447071		0.73	10	2.25	10	0.01	55	1	1.98	1	150	42	0.17	<5	<1	38
H447072		0.67	10	1.72	10	0.01	40	<1	1.70	1	110	14	0.18	<5	<1	30
H447073		0.67	10	1.19	<10	0.01	37	1	1.04	1	80	18	0.11	<5	<1	19
H447074		0.69	10	1.70	10	0.01	100	<1	1.57	2	120	9	0.16	<5	<1	27
H447075		0.64	10	2.12	10	0.01	199	<1	1.98	1	140	95	0.07	<5	<1	29
H447076		0.59	10	2.01	10	0.01	73	<1	2.04	2	130	96	0.10	<5	<1	30
H447077		0.73	10	2.04	10	0.01	49	<1	1.74	1	110	12	0.20	<5	<1	30
H447078		0.78	20	2.46	10	0.01	254	1	2.15	1	150	16	0.18	<5	<1	30
H447079		0.73	20	2.68	10	0.01	312	<1	2.66	2	170	19	0.08	<5	<1	31
H447080		0.76	20	2.43	10	0.01	211	<1	2.50	2	170	20	0.08	<5	<1	25

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

Finalized Date: 4-AUG-2009
Account: PJV

Project: ST. ANTHONY ROCK CHANNEL QP

CERTIFICATE OF ANALYSIS TB09072204

Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	Th	Ti	Tl	U	V	W	Zn
Units	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description LOR	20	0.01	10	10	1	10	2
H447041	<20	<0.01	<10	<10	<1	<10	131
H447042	<20	<0.01	<10	10	1	<10	92
H447043	<20	<0.01	<10	10	1	<10	40
H447044	<20	<0.01	<10	10	1	<10	55
H447045	<20	<0.01	<10	10	1	<10	23
H447046	<20	<0.01	<10	10	<1	<10	16
H447047	<20	<0.01	<10	<10	1	<10	42
H447048	<20	<0.01	<10	10	1	<10	34
H447049	<20	<0.01	<10	10	1	<10	22
H447050	<20	<0.01	<10	<10	1	<10	56
H447051	<20	<0.01	<10	<10	2	<10	132
H447052	<20	<0.01	<10	10	4	<10	70
H447053	<20	<0.01	<10	<10	1	<10	36
H447054	<20	<0.01	<10	<10	1	<10	299
H447055	<20	<0.01	<10	<10	1	<10	9
H447056	<20	<0.01	<10	<10	2	<10	395
H447057	<20	<0.01	<10	<10	2	<10	261
H447058	<20	<0.01	<10	<10	1	<10	6
H447059	<20	<0.01	<10	<10	1	<10	316
H447060	<20	<0.01	<10	<10	1	<10	1090
H447061	<20	<0.01	<10	<10	1	<10	91
H447062	<20	<0.01	<10	<10	1	<10	109
H447063	<20	<0.01	<10	<10	1	<10	194
H447064	<20	<0.01	<10	<10	1	<10	440
H447065	<20	<0.01	<10	<10	1	<10	88
H447066	<20	<0.01	<10	<10	1	<10	19
H447067	<20	<0.01	<10	<10	1	<10	18
H447068	<20	<0.01	<10	<10	1	<10	463
H447069	<20	<0.01	<10	<10	1	<10	68
H447070	<20	<0.01	<10	<10	2	<10	304
H447071	<20	<0.01	<10	10	1	<10	208
H447072	<20	<0.01	<10	<10	1	<10	30
H447073	<20	<0.01	<10	<10	1	<10	21
H447074	<20	<0.01	<10	<10	1	<10	64
H447075	<20	<0.01	<10	10	1	<10	108
H447076	<20	<0.01	<10	10	<1	<10	63
H447077	<20	<0.01	<10	10	1	<10	109
H447078	<20	<0.01	<10	10	1	<10	106
H447079	<20	<0.01	<10	10	<1	<10	48
H447080	<20	<0.01	<10	10	1	<10	95

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1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 4-AUG-2009
Account: PJV

Project: ST. ANTHONY ROCK CHANNEL QP

CERTIFICATE OF ANALYSIS TB09072204

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	Au-AA26 Au Check ppm 0.01	Au-AA26 Au Check ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1
H447081		6.24	0.04			1.3	5.87	<5	380	1.3	<2	0.08	<0.5	1	5	<1

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KENORA ON P9N 2K2

Finalized Date: 4-AUG-2009
Account: PJV

Project: ST. ANTHONY ROCK CHANNEL QP

CERTIFICATE OF ANALYSIS TB09072204

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.01	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1
H447081		0.71	20	2.68	10	0.01	178	<1	2.58	1	160	29	0.06	<5	<1	34

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Finalized Date: 4-AUG-2009
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Project: ST. ANTHONY ROCK CHANNEL QP

CERTIFICATE OF ANALYSIS TB09072204

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
H447081		<20	<0.01	<10	10	<1	<10	75

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

INVOICE NUMBER 1939555

BILLING INFORMATION

Certificate:	**TB09076770**
Sample Type:	**Channel**
Account:	**PJV**
Date:	**10-AUG-2009**
Project:	ST. ANTHONY CHANNEL SAMPLES
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	27.00	27.00
104	PREP-31	Crush, Split, Pulverize	6.08	632.32
515.69	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	304.26
104	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	1,396.72
104	ME-ICP61	33 element four acid ICP-AES	5.93	616.72
104	GEO-4ACID	Four acid "near total" dig	4.20	436.80

SUBTOTAL (CAD)	$	3,413.82
R100938885 GST	$	170.69
TOTAL PAYABLE (CAD)	**$**	**3,584.51**

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

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

Finalized Date: 10-AUG-2009
Account: PJV

CERTIFICATE TB09076770

Project: ST. ANTHONY CHANNEL SAMPLES

P.O. No.:

This report is for 104 Channel samples submitted to our lab in Thunder Bay, ON, Canada on 27-JUL-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **PACIFIC IRON ORE CORPORATION**
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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

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

Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076770

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H447285		4.71	0.02	<0.5	5.93	6	490	1.1	<2	0.33	<0.5	2	12	5	1.09	10
H447286		6.22	0.01	<0.5	6.40	<5	550	1.1	<2	0.33	<0.5	2	17	7	0.99	10
H447287		5.84	0.03	<0.5	6.14	5	590	1.2	<2	0.27	<0.5	2	7	4	0.99	10
H447288		6.85	0.02	<0.5	6.35	<5	540	1.2	<2	0.34	<0.5	1	7	4	0.99	10
H447289		4.91	0.07	<0.5	5.90	6	500	1.3	<2	0.44	0.5	<1	9	9	0.93	10
H447290		6.30	<0.01	<0.5	5.99	<5	470	1.2	<2	0.40	<0.5	<1	9	6	1.00	10
H447291		5.57	0.01	<0.5	5.03	5	420	0.9	<2	0.12	<0.5	<1	9	2	0.72	10
H447292		7.26	<0.01	<0.5	6.19	<5	520	1.1	<2	0.37	<0.5	1	6	6	0.93	10
H447293		4.81	0.01	<0.5	4.98	6	390	0.9	<2	0.21	<0.5	<1	11	3	0.85	10
H447294		5.40	0.02	<0.5	5.81	<5	490	1.0	<2	0.34	<0.5	1	10	10	0.90	10
H447295		5.42	0.04	<0.5	5.61	<5	430	0.9	<2	0.19	<0.5	1	10	5	0.96	10
H447296		2.23	0.06	<0.5	6.34	5	490	1.2	<2	0.13	<0.5	1	6	9	1.04	20
H447297		4.16	0.04	<0.5	6.22	5	490	1.2	<2	0.15	<0.5	1	9	4	1.12	20
H447298		4.30	0.04	<0.5	6.00	5	490	1.0	<2	0.19	<0.5	1	7	4	1.06	20
H447299		3.62	0.05	<0.5	6.30	<5	530	1.3	<2	0.13	<0.5	1	8	3	1.08	20
H447300		3.72	0.09	<0.5	5.66	<5	380	1.0	<2	0.21	<0.5	<1	8	7	1.00	10
H447301		3.37	0.03	<0.5	5.55	<5	390	1.0	<2	0.28	<0.5	1	6	9	0.99	20
H447302		5.61	0.23	<0.5	5.13	<5	320	0.9	<2	0.21	<0.5	1	11	7	0.93	10
H447303		5.04	0.02	<0.5	5.91	<5	350	1.0	<2	0.29	<0.5	1	11	3	0.59	10
H447304		4.45	<0.01	<0.5	5.62	<5	250	1.0	<2	0.44	<0.5	1	8	1	0.31	10
H447305		4.96	0.04	<0.5	6.32	<5	400	1.2	<2	0.20	<0.5	2	9	4	1.08	20
H447306		6.43	0.05	<0.5	6.55	<5	490	1.3	<2	0.22	<0.5	2	8	6	1.17	20
H447307		4.30	0.08	<0.5	5.78	5	420	1.0	<2	0.17	<0.5	1	8	3	1.00	20
H447308		4.69	0.07	<0.5	5.75	<5	460	1.2	<2	0.22	<0.5	1	10	4	1.05	10
H447309		3.99	0.24	<0.5	6.17	<5	460	1.1	<2	0.10	<0.5	1	7	2	0.97	20
H447310		5.61	0.15	<0.5	6.01	<5	480	1.1	<2	0.27	<0.5	<1	7	6	1.15	20
H447311		3.99	0.07	0.5	5.55	<5	440	1.0	<2	0.15	<0.5	1	10	13	1.01	20
H447312		4.10	0.01	0.8	6.49	<5	520	1.3	<2	0.29	<0.5	1	7	3	1.12	20
H447313		2.18	0.11	<0.5	3.55	<5	200	0.5	<2	0.04	<0.5	2	14	5	0.68	10
H447314		4.75	0.08	<0.5	6.69	5	460	1.5	<2	0.49	<0.5	1	7	12	0.75	20
H447315		3.59	0.07	3.8	5.28	<5	380	1.0	7	0.12	<0.5	1	8	1	0.83	10
H447316		2.67	0.02	<0.5	5.93	<5	420	1.1	<2	0.08	<0.5	1	8	1	1.10	20
H447317		3.28	0.05	<0.5	6.14	11	400	1.1	<2	0.20	<0.5	1	6	4	0.99	20
H447318		4.51	0.01	<0.5	6.30	<5	560	1.3	<2	0.20	<0.5	1	8	3	1.00	20
H447319		3.39	0.03	<0.5	5.95	7	510	1.2	<2	0.13	<0.5	1	6	5	1.05	20
H447320		4.38	0.27	<0.5	4.65	<5	380	0.9	<2	0.11	<0.5	<1	11	2	0.78	10
H447321		3.29	0.10	<0.5	6.52	7	700	1.3	<2	0.13	<0.5	1	9	4	0.99	20
H447322		4.27	0.01	<0.5	6.60	<5	620	1.3	<2	0.19	<0.5	<1	10	3	1.09	20
H447323		4.30	0.06	<0.5	5.31	<5	480	0.9	<2	0.03	<0.5	<1	13	2	0.86	10
H447324		5.19	0.05	0.5	6.46	<5	540	1.2	<2	0.16	<0.5	1	8	5	1.14	20

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

Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076770

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H447285		1.31	10	0.03	491	<1	3.30	11	120	7	0.51	<5	<1	55	<20	<0.01
H447286		1.46	10	0.03	397	<1	3.81	10	140	10	0.53	<5	<1	70	<20	<0.01
H447287		1.71	10	0.02	354	<1	2.85	4	130	6	0.30	<5	<1	59	<20	<0.01
H447288		1.75	10	0.02	464	<1	3.31	4	140	10	0.41	<5	<1	70	<20	<0.01
H447289		1.21	10	0.03	451	<1	3.35	2	120	6	0.36	<5	<1	79	<20	0.01
H447290		1.42	10	0.02	434	<1	3.30	4	130	6	0.34	<5	<1	58	<20	0.01
H447291		1.08	10	0.02	254	<1	2.31	2	100	2	0.15	<5	<1	41	<20	<0.01
H447292		1.33	10	0.02	444	<1	3.54	7	140	6	0.17	<5	<1	75	<20	<0.01
H447293		1.03	10	0.02	283	<1	2.49	3	100	5	0.25	<5	<1	47	<20	<0.01
H447294		1.17	10	0.02	348	<1	3.40	5	130	6	0.22	<5	<1	65	<20	<0.01
H447295		1.18	10	0.02	229	<1	2.75	2	100	13	0.25	<5	<1	48	<20	<0.01
H447296		1.54	10	0.02	351	<1	3.27	2	110	5	0.18	<5	<1	52	<20	<0.01
H447297		1.58	10	0.02	290	<1	2.86	1	110	8	0.26	<5	<1	48	<20	<0.01
H447298		1.49	10	0.02	321	<1	2.65	2	100	6	0.32	<5	<1	47	<20	<0.01
H447299		1.81	10	0.02	269	<1	2.44	<1	110	5	0.37	<5	<1	42	<20	<0.01
H447300		1.21	10	0.02	297	<1	2.88	1	100	5	0.32	<5	<1	52	<20	<0.01
H447301		1.14	10	0.02	343	<1	3.22	<1	110	4	0.38	<5	<1	58	<20	<0.01
H447302		0.91	10	0.02	235	1	2.80	1	90	2	0.30	<5	<1	41	<20	<0.01
H447303		1.04	10	0.03	299	<1	3.53	1	100	7	0.13	<5	<1	55	<20	0.01
H447304		0.69	10	0.01	309	<1	4.00	1	90	4	0.01	<5	<1	78	<20	<0.01
H447305		1.11	10	0.02	323	<1	3.53	1	110	5	0.44	<5	<1	73	<20	<0.01
H447306		1.50	10	0.02	346	<1	3.22	1	120	9	0.46	<5	1	68	<20	0.01
H447307		1.40	10	0.02	296	<1	2.61	1	110	3	0.28	<5	<1	45	<20	<0.01
H447308		1.58	10	0.02	336	<1	2.28	<1	100	19	0.37	<5	<1	40	<20	<0.01
H447309		1.65	10	0.02	234	<1	3.18	<1	110	16	0.12	<5	<1	61	<20	<0.01
H447310		1.42	10	0.02	415	<1	3.38	<1	120	11	0.26	<5	<1	67	<20	<0.01
H447311		1.18	10	0.03	209	<1	3.04	1	100	13	0.41	<5	<1	64	<20	<0.01
H447312		1.64	10	0.02	352	<1	2.66	<1	110	18	0.35	<5	<1	46	<20	<0.01
H447313		0.54	<10	0.02	40	<1	1.93	1	60	3	0.14	<5	<1	25	<20	<0.01
H447314		1.50	10	0.03	364	<1	3.49	1	120	10	0.23	<5	<1	70	<20	<0.01
H447315		1.15	10	0.02	175	<1	2.38	<1	90	10	0.22	<5	<1	44	<20	<0.01
H447316		1.36	10	0.02	89	<1	2.72	<1	110	8	0.04	<5	<1	50	<20	<0.01
H447317		1.46	10	0.02	383	<1	2.86	<1	110	8	0.32	<5	<1	49	<20	<0.01
H447318		1.87	10	0.02	411	<1	2.22	<1	120	3	0.30	<5	<1	45	<20	0.01
H447319		1.60	10	0.02	341	<1	2.35	1	110	3	0.39	<5	<1	43	<20	0.01
H447320		1.02	10	0.02	236	<1	2.13	<1	80	2	0.28	<5	<1	44	<20	<0.01
H447321		1.79	10	0.03	239	<1	2.44	3	110	4	0.16	<5	<1	48	<20	<0.01
H447322		1.67	10	0.02	323	<1	3.01	2	120	6	0.40	<5	<1	44	<20	<0.01
H447323		1.33	10	0.03	63	<1	2.09	1	80	4	0.07	<5	<1	18	<20	<0.01
H447324		1.55	10	0.03	245	<1	2.82	<1	120	21	0.34	<5	<1	49	<20	0.01

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

Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076770

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H447285		<10	10	1	<10	31
H447286		<10	10	1	<10	31
H447287		<10	10	<1	<10	39
H447288		<10	<10	<1	<10	76
H447289		<10	10	1	<10	39
H447290		<10	10	1	<10	49
H447291		<10	10	1	<10	8
H447292		<10	10	1	<10	32
H447293		<10	<10	1	<10	20
H447294		<10	10	1	<10	37
H447295		<10	10	3	<10	22
H447296		<10	10	1	<10	37
H447297		<10	10	1	<10	35
H447298		<10	<10	2	10	31
H447299		<10	<10	1	<10	28
H447300		<10	10	1	10	25
H447301		<10	10	1	<10	29
H447302		<10	10	2	<10	10
H447303		<10	10	4	<10	8
H447304		<10	10	2	<10	4
H447305		<10	10	1	<10	26
H447306		<10	10	1	<10	42
H447307		<10	10	1	<10	28
H447308		<10	<10	1	<10	35
H447309		<10	10	<1	<10	39
H447310		<10	10	1	<10	55
H447311		<10	10	4	<10	28
H447312		<10	10	1	<10	17
H447313		<10	<10	4	<10	4
H447314		<10	10	2	<10	12
H447315		<10	10	1	<10	41
H447316		<10	10	1	<10	12
H447317		<10	10	<1	<10	56
H447318		<10	10	1	<10	66
H447319		<10	<10	1	<10	41
H447320		<10	<10	1	<10	15
H447321		<10	<10	1	<10	50
H447322		<10	10	1	<10	39
H447323		<10	10	6	<10	12
H447324		<10	10	1	10	32

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Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076770

Method	WEI-21	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H447325	7.23	4.52	2.2	5.29	<5	560	1.2	3	0.11	<0.5	<1	16	2	1.02	10
H447326	3.98	0.04	<0.5	5.24	<5	560	1.3	<2	0.06	<0.5	1	10	2	0.91	20
H447327	5.16	0.04	0.9	6.56	<5	580	1.3	<2	0.11	<0.5	<1	13	2	1.11	20
H447328	5.23	0.09	0.5	6.28	<5	580	1.2	<2	0.15	<0.5	1	8	2	1.02	20
H447329	4.97	0.04	<0.5	5.94	<5	470	1.1	<2	0.23	<0.5	<1	10	8	1.08	20
H447330	5.57	0.03	0.5	6.28	<5	510	1.0	<2	0.27	<0.5	<1	13	4	1.13	20
H447331	7.27	0.02	0.5	2.12	<5	190	<0.5	2	0.02	<0.5	1	13	2	0.54	10
H447332	5.10	0.03	0.5	4.39	<5	480	1.0	<2	0.06	<0.5	2	17	2	0.87	10
H447333	4.83	0.34	0.5	3.91	<5	390	0.8	<2	0.03	<0.5	2	21	3	0.82	10
H447334	5.37	0.01	0.7	3.71	<5	310	0.8	<2	0.08	<0.5	2	19	1	0.48	10
H447335	3.60	0.17	1.6	5.06	<5	420	0.9	<2	0.08	0.8	2	10	8	0.84	10
H447336	4.05	0.24	2.6	5.61	<5	330	0.9	<2	0.05	<0.5	2	10	4	0.74	10
H447337	6.99	0.10	<0.5	6.23	<5	390	1.1	<2	0.17	<0.5	1	8	7	1.02	10
H447338	5.97	0.04	0.7	5.97	<5	540	1.1	<2	0.15	<0.5	2	12	2	1.06	10
H447339	2.94	0.05	0.6	5.29	<5	410	1.0	<2	0.07	<0.5	1	9	5	0.98	10
H447340	5.80	0.03	0.6	5.51	8	520	1.3	<2	0.13	<0.5	1	13	2	0.96	10
H447341	3.63	0.02	0.8	6.13	<5	520	1.1	<2	0.24	<0.5	1	10	4	1.02	20
H447342	5.81	0.01	<0.5	6.27	<5	590	1.1	<2	0.41	<0.5	<1	7	4	0.99	20
H447343	6.90	0.02	<0.5	5.95	<5	490	1.1	<2	0.26	<0.5	1	8	5	1.03	10
H447344	6.30	0.02	<0.5	6.31	<5	520	1.2	<2	0.34	<0.5	<1	8	4	1.14	20
H447345	6.46	0.04	<0.5	6.24	<5	540	1.2	<2	0.33	<0.5	1	7	6	1.08	20
H447346	5.17	0.02	<0.5	5.64	7	450	1.0	<2	0.13	<0.5	<1	10	11	0.86	20
H447347	4.37	0.03	<0.5	5.28	<5	440	0.9	<2	0.16	<0.5	<1	10	9	0.71	10
H447348	5.90	0.02	<0.5	4.41	<5	550	1.2	<2	0.03	<0.5	<1	12	2	0.75	10
H447349	4.82	0.03	<0.5	4.09	<5	470	1.0	<2	0.06	<0.5	1	10	1	0.69	10
H447350	4.87	0.03	<0.5	3.49	<5	440	0.9	<2	0.03	<0.5	1	15	2	0.66	10
H447351	5.06	0.94	<0.5	4.55	<5	500	1.0	<2	0.08	<0.5	1	16	2	0.80	10
H447352	5.22	0.35	0.7	2.49	<5	230	0.5	<2	0.02	<0.5	<1	15	2	0.64	10
H447353	3.94	0.53	0.5	7.08	12	560	1.6	<2	0.11	<0.5	1	4	16	1.57	10
H447354	5.06	0.02	<0.5	5.77	6	530	1.3	<2	0.19	<0.5	1	8	2	1.06	20
H447355	5.52	<0.01	<0.5	4.83	<5	490	1.0	<2	0.08	<0.5	<1	15	3	0.75	10
H447356	5.83	<0.01	0.8	2.38	<5	320	0.6	<2	0.02	<0.5	1	17	2	0.49	10
H447357	4.54	0.02	<0.5	6.93	<5	740	1.6	<2	0.32	<0.5	<1	9	2	1.12	20
H447358	5.66	0.03	<0.5	6.88	<5	680	1.7	2	0.40	<0.5	<1	9	2	1.18	20
H447359	5.95	0.03	<0.5	6.28	<5	610	1.2	<2	0.28	<0.5	<1	10	2	1.01	10
H447360	7.71	0.01	<0.5	6.20	5	830	1.1	<2	0.24	<0.5	<1	8	5	0.92	10
H447361	5.22	0.08	0.6	5.56	<5	390	0.9	<2	0.08	<0.5	1	9	7	1.07	10
H447362	4.61	0.31	<0.5	4.02	<5	320	0.7	<2	0.07	<0.5	1	13	2	0.84	10
H447363	5.04	0.03	<0.5	4.94	<5	400	0.9	<2	0.09	<0.5	2	8	3	0.91	10
H447364	4.96	0.02	<0.5	6.81	<5	570	1.3	<2	0.40	<0.5	2	7	4	0.99	20

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

Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076770

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H447325		1.74	10	0.03	193	<1	1.38	1	110	88	0.33	<5	<1	22	<20	0.01
H447326		1.92	10	0.03	135	<1	1.00	<1	90	22	0.21	<5	<1	14	<20	0.01
H447327		2.07	10	0.02	394	<1	2.46	<1	120	33	0.23	<5	<1	41	<20	0.01
H447328		1.73	10	0.02	298	<1	2.62	<1	120	20	0.27	<5	<1	46	<20	<0.01
H447329		1.41	10	0.02	376	<1	2.76	<1	110	12	0.41	<5	<1	44	<20	<0.01
H447330		1.39	10	0.02	405	<1	3.31	1	120	28	0.38	<5	<1	51	<20	<0.01
H447331		0.59	<10	0.01	41	<1	0.70	<1	40	31	0.13	<5	<1	10	<20	<0.01
H447332		1.48	10	0.03	130	<1	1.03	<1	80	29	0.34	<5	<1	14	<20	<0.01
H447333		1.20	10	0.02	85	<1	1.04	1	60	19	0.27	<5	<1	14	<20	<0.01
H447334		1.11	10	0.02	120	<1	1.00	<1	60	45	0.06	<5	<1	12	<20	<0.01
H447335		1.09	10	0.03	63	<1	2.31	<1	80	20	0.31	<5	<1	49	<20	<0.01
H447336		1.02	10	0.02	77	2	3.08	1	70	29	0.19	<5	<1	39	<20	<0.01
H447337		1.26	10	0.02	254	<1	3.70	<1	130	16	0.47	<5	<1	50	<20	<0.01
H447338		1.35	10	0.02	245	<1	2.73	<1	110	29	0.24	<5	<1	43	<20	<0.01
H447339		1.37	10	0.03	141	7	2.18	1	100	8	0.37	<5	<1	32	<20	<0.01
H447340		1.90	10	0.04	221	<1	1.31	1	110	57	0.32	<5	<1	17	<20	0.01
H447341		1.76	10	0.02	490	<1	2.69	<1	120	29	0.33	<5	<1	52	<20	0.01
H447342		1.86	10	0.02	572	<1	2.96	<1	110	9	0.10	<5	<1	64	<20	0.01
H447343		1.56	10	0.02	445	<1	2.75	<1	120	13	0.29	<5	<1	55	<20	0.01
H447344		1.64	10	0.02	441	<1	2.73	<1	120	23	0.44	<5	<1	56	<20	0.01
H447345		1.60	10	0.02	395	<1	2.77	<1	120	25	0.51	<5	<1	50	<20	0.01
H447346		1.23	10	0.03	179	<1	3.00	1	110	10	0.28	<5	<1	59	<20	0.01
H447347		1.13	10	0.03	136	<1	2.55	<1	100	9	0.26	<5	<1	44	<20	0.01
H447348		1.77	10	0.04	79	<1	0.64	<1	90	7	0.13	<5	<1	10	<20	<0.01
H447349		1.52	10	0.03	144	<1	0.71	<1	70	9	0.14	<5	<1	9	<20	<0.01
H447350		1.37	10	0.02	85	<1	0.45	<1	70	10	0.11	<5	<1	7	<20	<0.01
H447351		1.39	10	0.02	190	<1	1.34	<1	80	7	0.26	<5	<1	18	<20	<0.01
H447352		0.65	<10	0.01	72	1	0.86	<1	30	21	0.08	<5	<1	11	<20	<0.01
H447353		1.47	10	0.03	49	<1	3.73	<1	110	25	0.03	<5	<1	77	<20	<0.01
H447354		1.80	10	0.03	337	<1	1.88	<1	100	5	0.39	<5	<1	24	<20	0.01
H447355		1.32	10	0.03	203	<1	1.77	2	80	4	0.16	<5	<1	19	<20	<0.01
H447356		0.86	<10	0.02	56	<1	0.44	<1	50	33	0.03	<5	<1	5	<20	<0.01
H447357		1.99	10	0.03	451	1	3.18	1	130	7	0.35	<5	<1	62	<20	0.01
H447358		1.92	10	0.03	487	1	3.00	1	130	12	0.50	<5	<1	45	<20	0.01
H447359		1.59	10	0.03	362	1	3.13	<1	120	9	0.45	<5	<1	47	<20	0.01
H447360		1.53	10	0.02	275	<1	3.02	<1	110	15	0.34	<5	<1	53	<20	<0.01
H447361		1.06	10	0.02	139	<1	2.86	1	100	12	0.35	<5	<1	44	<20	<0.01
H447362		0.96	10	0.02	150	<1	1.62	<1	70	17	0.24	<5	<1	23	<20	<0.01
H447363		1.21	10	0.02	223	<1	1.99	<1	80	4	0.34	<5	<1	25	<20	<0.01
H447364		1.80	10	0.04	514	<1	3.19	<1	130	3	0.21	<5	<1	34	<20	<0.01

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1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076770

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H447325		<10	<10	2	<10	84
H447326		<10	<10	2	<10	24
H447327		<10	10	1	<10	54
H447328		<10	10	1	10	44
H447329		<10	10	1	<10	35
H447330		<10	10	2	<10	51
H447331		<10	<10	3	<10	13
H447332		<10	<10	3	<10	29
H447333		<10	<10	2	<10	18
H447334		<10	<10	2	<10	12
H447335		<10	<10	4	<10	50
H447336		<10	10	4	<10	6
H447337		<10	10	2	<10	18
H447338		<10	10	2	10	35
H447339		<10	<10	4	<10	18
H447340		<10	<10	4	<10	78
H447341		<10	10	1	10	62
H447342		<10	10	<1	<10	47
H447343		<10	10	1	<10	62
H447344		<10	10	1	<10	39
H447345		<10	10	1	<10	34
H447346		<10	10	5	<10	15
H447347		<10	10	6	<10	10
H447348		<10	<10	5	<10	15
H447349		<10	<10	3	<10	19
H447350		<10	<10	2	<10	14
H447351		<10	<10	2	<10	17
H447352		<10	<10	1	<10	5
H447353		<10	10	3	<10	10
H447354		<10	<10	2	10	24
H447355		<10	<10	2	<10	61
H447356		<10	<10	2	<10	17
H447357		<10	10	2	<10	33
H447358		<10	10	2	<10	26
H447359		<10	10	2	<10	27
H447360		<10	10	2	<10	23
H447361		<10	10	2	<10	31
H447362		<10	<10	1	<10	14
H447363		<10	<10	3	<10	7
H447364		<10	10	3	<10	15

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1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076770

Sample Description	Method	WEI-21	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H447365		6.97	0.15	1.2	5.52	<5	450	0.9	3	0.33	<0.5	<1	9	10	1.02	10
H447366		5.01	0.04	<0.5	5.54	5	400	1.0	2	0.35	<0.5	1	11	3	0.93	10
H447367		6.08	0.04	<0.5	6.74	<5	680	1.3	3	0.34	<0.5	<1	15	4	1.13	20
H447368		5.88	0.05	0.7	5.99	5	540	1.0	<2	0.23	<0.5	<1	11	14	1.01	20
H447369		4.69	0.18	0.5	4.85	5	470	1.1	2	0.16	<0.5	<1	15	2	0.88	10
H447370		4.91	0.02	<0.5	2.22	<5	280	0.6	<2	0.01	<0.5	<1	19	1	0.52	10
H447371		4.64	0.04	0.5	3.40	<5	330	0.6	<2	0.04	<0.5	<1	15	7	0.56	<10
H447372		4.93	0.26	2.8	5.83	<5	500	1.0	2	0.15	<0.5	1	13	5	1.05	10
H447373		5.37	0.01	<0.5	2.62	<5	290	0.5	<2	0.02	<0.5	1	29	<1	0.53	<10
H447374		4.53	0.05	2.0	4.16	<5	350	0.6	3	0.12	<0.5	<1	18	8	0.76	10
H447375		5.62	0.02	0.5	5.12	<5	400	0.8	<2	0.16	<0.5	1	17	6	0.80	10
H447376		5.87	0.08	0.5	1.45	6	140	<0.5	<2	0.02	<0.5	1	17	2	0.64	<10
H447377		3.30	0.02	<0.5	0.68	<5	80	<0.5	<2	<0.01	<0.5	<1	23	1	0.38	<10
H447378		6.21	0.02	1.0	6.03	<5	470	1.2	<2	0.35	0.6	1	11	2	0.99	20
H447379		5.44	0.15	1.5	6.15	<5	480	1.2	<2	0.29	<0.5	<1	13	1	1.12	20
H447380		4.42	0.25	<0.5	5.17	<5	530	1.3	<2	0.23	<0.5	<1	13	1	0.97	10
H447381		4.02	0.07	<0.5	6.24	5	560	1.2	<2	0.28	<0.5	<1	8	6	1.00	10
H447382		5.11	0.01	<0.5	1.50	<5	150	<0.5	<2	0.04	<0.5	<1	18	1	0.40	<10
H447383		4.81	0.06	<0.5	6.42	<5	700	1.3	<2	0.34	<0.5	<1	9	6	0.79	10
H447384		4.47	0.05	<0.5	3.50	<5	300	0.6	<2	0.19	<0.5	<1	13	6	0.55	10
H447385		5.06	0.02	<0.5	5.31	<5	560	1.1	<2	0.17	<0.5	<1	13	1	0.63	10
H447386		5.67	0.07	1.8	4.94	<5	540	1.1	3	0.14	5.9	<1	12	1	0.94	10
H447387		3.46	0.03	<0.5	3.26	5	380	0.9	<2	0.02	<0.5	1	16	2	0.75	10
H447388		2.95	<0.01	<0.5	0.56	<5	90	<0.5	<2	<0.01	<0.5	<1	18	<1	0.38	<10

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KENORA ON P9N 2K2

Finalized Date: 10-AUG-2009
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Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076770

Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H447365	1.06	10	0.02	423	2	2.94	<1	100	18	0.51	<5	<1	44	<20	0.01
H447366	1.14	10	0.02	439	1	2.74	<1	100	6	0.42	<5	<1	47	<20	0.01
H447367	1.83	10	0.03	439	1	2.54	<1	130	6	0.38	<5	<1	48	<20	0.01
H447368	1.36	10	0.03	247	2	2.73	<1	120	5	0.37	<5	<1	48	<20	0.01
H447369	1.48	10	0.02	204	5	1.45	<1	90	27	0.33	<5	<1	20	<20	<0.01
H447370	0.93	<10	0.01	35	2	0.21	<1	50	4	0.10	<5	<1	4	<20	<0.01
H447371	0.76	<10	0.03	66	<1	1.49	<1	40	6	0.16	<5	<1	26	<20	<0.01
H447372	1.35	10	0.03	155	1	2.47	<1	100	31	0.35	<5	<1	38	<20	0.01
H447373	0.70	<10	0.02	27	1	0.97	<1	20	4	0.04	<5	<1	13	<20	<0.01
H447374	0.84	10	0.03	123	1	2.03	1	70	57	0.24	<5	<1	29	<20	<0.01
H447375	1.06	10	0.03	199	1	2.44	1	100	21	0.33	<5	<1	30	<20	<0.01
H447376	0.36	<10	0.01	32	3	0.58	<1	20	5	0.33	<5	<1	7	<20	<0.01
H447377	0.22	<10	0.01	17	<1	0.17	<1	10	3	0.12	<5	<1	3	<20	<0.01
H447378	1.63	10	0.02	438	<1	2.77	<1	120	5	0.29	<5	<1	58	<20	0.01
H447379	1.66	10	0.02	370	<1	2.51	<1	120	33	0.54	<5	<1	49	<20	0.01
H447380	1.90	10	0.02	326	<1	1.41	<1	110	13	0.31	<5	<1	30	<20	0.01
H447381	1.63	10	0.03	421	1	2.80	<1	120	12	0.45	<5	<1	58	<20	0.01
H447382	0.36	<10	0.01	109	<1	0.65	<1	20	23	0.05	<5	<1	13	<20	<0.01
H447383	1.53	10	0.02	535	<1	3.25	<1	120	9	0.23	<5	<1	49	<20	0.01
H447384	0.67	10	0.01	278	1	1.78	<1	60	4	0.13	<5	<1	34	<20	<0.01
H447385	1.49	10	0.03	282	1	1.86	<1	100	6	0.10	<5	<1	27	<20	<0.01
H447386	1.60	10	0.03	260	1	1.27	<1	100	26	0.40	<5	<1	18	<20	0.01
H447387	1.34	<10	0.02	81	<1	0.37	<1	60	44	0.22	<5	<1	6	<20	<0.01
H447388	0.22	<10	0.01	24	<1	0.07	<1	10	3	0.01	<5	<1	1	<20	<0.01

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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H447365		<10	<10	2	<10	19
H447366		<10	10	1	<10	20
H447367		<10	<10	2	<10	28
H447368		<10	<10	4	<10	17
H447369		<10	<10	2	<10	87
H447370		<10	<10	2	<10	2
H447371		<10	<10	7	<10	3
H447372		<10	<10	4	<10	11
H447373		<10	<10	7	<10	<2
H447374		<10	<10	4	<10	6
H447375		<10	<10	4	<10	34
H447376		<10	<10	2	<10	<2
H447377		<10	<10	1	<10	<2
H447378		<10	10	1	<10	58
H447379		<10	<10	2	10	51
H447380		<10	<10	2	<10	93
H447381		<10	10	1	<10	18
H447382		<10	<10	1	<10	8
H447383		<10	10	1	<10	8
H447384		<10	<10	1	<10	4
H447385		<10	<10	2	<10	20
H447386		<10	<10	2	<10	1610
H447387		<10	<10	2	<10	15
H447388		<10	<10	2	<10	2

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

INVOICE NUMBER 1940205

BILLING INFORMATION

Certificate:	**TB09076778**
Sample Type:	**Channel**
Account:	**PJV**
Date:	**10-AUG-2009**
Project:	ST. ANTHONY CHANNEL SAMPLES
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	27.00	27.00
74	PREP-31	Crush, Split, Pulverize	6.08	449.92
364.06	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	214.80
74	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	993.82
74	ME-ICP61	33 element four acid ICP-AES	5.93	438.82
74	GEO-4ACID	Four acid "near total" dig	4.20	310.80

SUBTOTAL (CAD)	$	2,435.16
R100938885 GST	$	121.76
TOTAL PAYABLE (CAD)	**$**	**2,556.92**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

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

Finalized Date: 10-AUG-2009
Account: PJV

CERTIFICATE TB09076778

Project: ST. ANTHONY CHANNEL SAMPLES

P.O. No.:

This report is for 74 Channel samples submitted to our lab in Thunder Bay, ON, Canada on 28-JUL-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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To: **PACIFIC IRON ORE CORPORATION**
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KENORA ON P9N 2K2

Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076778

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H447389		5.28	0.04	0.9	6.39	<5	790	1.1	<2	0.13	<0.5	1	11	43	0.90	20
H447390		4.58	0.01	0.7	6.68	<5	980	1.1	<2	0.14	<0.5	1	6	7	0.84	20
H447391		5.44	0.02	0.6	6.60	<5	870	1.2	3	0.11	<0.5	1	9	4	0.82	20
H447392		5.94	0.01	0.5	6.14	<5	810	1.1	2	0.13	<0.5	<1	8	2	0.82	10
H447393		5.12	0.02	0.9	6.29	<5	670	1.0	<2	0.07	<0.5	<1	7	6	0.72	20
H447394		4.66	0.03	1.0	4.91	<5	480	0.7	3	0.05	<0.5	1	8	3	0.57	10
H447395		4.80	0.01	1.1	4.62	<5	520	0.7	<2	0.06	<0.5	<1	11	3	0.66	10
H447396		4.79	0.02	1.0	6.69	<5	830	1.3	4	0.14	<0.5	<1	8	2	0.80	20
H447397		4.31	0.05	<0.5	5.76	<5	770	1.3	2	0.06	<0.5	1	9	1	0.74	20
H447398		3.81	<0.01	0.6	5.92	<5	840	1.2	<2	0.07	0.5	1	11	4	0.88	10
H447399		5.14	0.02	0.9	6.63	<5	790	1.2	2	0.08	<0.5	1	6	6	0.74	10
H447400		4.74	0.02	1.8	6.39	<5	830	1.0	2	0.19	<0.5	1	7	13	0.79	20
H447401		4.26	0.01	2.3	6.36	<5	780	1.0	3	0.21	<0.5	<1	11	7	0.75	10
H447402		4.50	0.01	0.7	5.66	<5	640	0.9	<2	0.20	2.7	<1	8	6	0.80	20
H447403		5.76	0.02	0.9	5.86	<5	740	1.0	4	0.14	0.9	<1	10	5	0.70	10
H447404		4.44	0.05	4.3	5.91	<5	920	0.9	8	0.17	1.5	<1	6	9	0.71	10
H447405		5.16	<0.01	1.1	6.32	<5	820	1.0	2	0.24	1.0	1	9	13	0.65	20
H447406		4.88	0.01	1.1	5.97	<5	740	1.1	<2	0.19	<0.5	<1	6	9	0.83	10
H447407		5.13	0.01	0.5	6.13	<5	910	1.0	<2	0.17	<0.5	<1	9	7	0.74	10
H447408		4.17	0.01	0.6	6.08	<5	780	1.3	3	0.07	<0.5	<1	7	1	0.68	10
H447409		3.57	0.02	0.9	5.15	<5	570	0.8	<2	0.10	<0.5	<1	10	4	0.53	10
H447410		3.71	0.05	1.0	3.98	<5	490	0.6	4	0.06	<0.5	1	10	3	0.65	10
H447411		3.41	0.04	0.5	5.46	<5	700	0.8	<2	0.13	<0.5	1	8	5	0.62	10
H447412		5.58	0.05	0.7	5.30	<5	650	0.8	<2	0.13	<0.5	1	9	12	0.73	10
H447413		4.36	0.03	<0.5	4.43	<5	530	0.7	<2	0.09	<0.5	1	14	3	0.52	10
H447414		3.03	0.03	<0.5	2.94	<5	360	0.5	<2	0.05	<0.5	1	17	2	0.52	10
H447415		4.29	0.02	<0.5	1.24	<5	150	<0.5	<2	0.01	<0.5	<1	25	2	0.41	<10
H447416		4.52	<0.01	0.5	5.46	<5	690	0.9	2	0.03	<0.5	<1	13	3	0.61	10
H447417		4.82	<0.01	<0.5	1.84	<5	220	<0.5	<2	0.02	<0.5	1	21	2	0.39	<10
H447418		4.58	0.24	0.7	4.49	5	630	0.8	<2	0.07	<0.5	1	15	3	0.78	10
H447419		4.97	0.03	<0.5	6.26	<5	1230	1.0	<2	0.15	<0.5	1	6	11	0.71	20
H447420		6.41	0.10	0.6	5.87	<5	1020	1.0	<2	0.15	<0.5	<1	7	6	0.71	20
H447421		7.35	0.05	0.9	5.97	<5	900	1.0	<2	0.15	<0.5	1	6	9	0.73	20
H447422		4.31	0.01	0.5	5.81	<5	1030	1.0	<2	0.13	<0.5	<1	8	7	0.77	20
H447423		5.34	0.03	<0.5	6.09	<5	880	1.1	<2	0.11	<0.5	<1	7	3	0.70	20
H447424		4.62	0.06	0.8	5.61	<5	770	0.8	<2	0.08	<0.5	<1	9	7	0.65	10
H447425		4.13	0.04	1.7	5.95	<5	1120	0.9	<2	0.14	<0.5	<1	7	15	0.69	10
H447426		5.30	0.02	<0.5	6.26	<5	740	1.0	<2	0.09	<0.5	<1	9	3	0.70	10
H447427		4.01	<0.01	<0.5	4.73	<5	520	0.6	<2	0.04	<0.5	<1	10	1	0.42	10
H447428		4.90	0.02	<0.5	0.46	<5	80	<0.5	<2	0.01	<0.5	1	29	2	0.49	<10

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

Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076778

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H447389		1.76	10	0.04	255	<1	2.99	6	140	14	0.29	<5	<1	40	<20	<0.01
H447390		2.06	10	0.02	328	<1	3.25	<1	150	15	0.28	<5	<1	52	<20	<0.01
H447391		2.00	10	0.02	149	<1	3.12	<1	150	13	0.22	<5	<1	50	<20	<0.01
H447392		1.84	10	0.02	257	<1	2.54	2	130	7	0.26	<5	<1	35	<20	<0.01
H447393		1.38	10	0.02	207	<1	3.42	1	140	7	0.19	<5	<1	23	<20	<0.01
H447394		0.99	10	0.02	122	1	2.65	1	110	31	0.08	<5	<1	18	<20	<0.01
H447395		1.17	10	0.01	65	3	2.26	2	100	16	0.15	<5	<1	27	<20	<0.01
H447396		1.81	10	0.02	273	1	2.60	2	140	68	0.11	<5	<1	38	<20	<0.01
H447397		1.90	10	0.03	210	<1	1.49	1	110	14	0.07	<5	<1	20	<20	<0.01
H447398		1.93	10	0.02	136	<1	1.99	2	110	15	0.12	<5	<1	30	<20	<0.01
H447399		1.71	10	0.02	302	<1	2.78	<1	120	8	0.08	<5	<1	32	<20	<0.01
H447400		1.71	10	0.02	358	<1	3.15	<1	140	15	0.28	<5	<1	39	<20	<0.01
H447401		1.78	10	0.02	303	<1	3.04	<1	140	31	0.31	<5	<1	47	<20	<0.01
H447402		1.44	10	0.02	263	<1	2.99	1	120	9	0.34	<5	<1	45	<20	<0.01
H447403		1.61	10	0.02	266	1	2.67	<1	130	15	0.19	<5	<1	43	<20	<0.01
H447404		1.80	10	0.02	265	<1	2.75	1	130	123	0.23	<5	<1	47	<20	<0.01
H447405		1.76	10	0.02	316	<1	3.04	<1	140	18	0.20	<5	<1	42	<20	<0.01
H447406		1.69	10	0.02	316	<1	2.30	<1	130	15	0.15	<5	<1	35	<20	<0.01
H447407		1.81	10	0.01	280	<1	3.02	<1	130	10	0.19	<5	<1	50	<20	<0.01
H447408		1.87	10	0.02	334	<1	1.82	2	100	14	0.05	<5	<1	20	<20	<0.01
H447409		1.16	10	0.01	102	<1	2.69	2	100	8	0.09	<5	<1	39	<20	<0.01
H447410		1.01	<10	0.01	90	1	1.96	<1	70	12	0.11	<5	<1	31	<20	<0.01
H447411		1.38	10	0.01	55	<1	2.83	1	110	7	0.08	<5	<1	52	<20	<0.01
H447412		1.20	10	0.01	67	3	2.90	3	120	9	0.23	<5	<1	47	<20	<0.01
H447413		1.05	10	0.01	52	5	2.29	1	80	13	0.09	<5	<1	37	<20	<0.01
H447414		0.70	<10	0.01	45	1	1.38	1	60	13	0.02	<5	<1	22	<20	<0.01
H447415		0.26	<10	0.01	34	1	0.60	3	20	5	0.03	<5	<1	8	<20	<0.01
H447416		1.32	10	0.02	75	1	2.23	2	120	8	0.06	<5	<1	22	<20	<0.01
H447417		0.43	<10	0.01	33	1	0.72	3	40	5	0.04	<5	<1	10	<20	<0.01
H447418		1.15	10	0.01	59	5	1.95	3	90	24	0.08	<5	<1	33	<20	<0.01
H447419		2.18	10	0.01	216	1	3.25	1	150	13	0.08	<5	<1	51	<20	<0.01
H447420		1.70	10	0.01	153	<1	3.38	1	140	15	0.12	<5	<1	57	<20	<0.01
H447421		1.54	10	0.01	233	<1	3.60	3	150	16	0.25	<5	<1	61	<20	<0.01
H447422		1.86	10	0.01	177	1	3.24	2	150	19	0.24	<5	<1	60	<20	<0.01
H447423		1.65	10	0.01	134	2	3.43	1	140	13	0.12	<5	<1	59	<20	<0.01
H447424		1.74	10	0.01	77	3	2.78	2	110	10	0.09	<5	<1	45	<20	<0.01
H447425		2.09	10	0.01	284	1	3.10	2	140	28	0.27	<5	<1	52	<20	<0.01
H447426		1.59	10	0.02	192	1	2.83	2	140	17	0.12	<5	<1	45	<20	<0.01
H447427		0.75	<10	0.01	105	<1	2.65	2	80	3	0.01	<5	<1	27	<20	<0.01
H447428		0.12	<10	<0.01	39	1	0.18	2	10	5	0.05	<5	<1	3	<20	<0.01

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

Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076778

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H447389		<10	10	1	<10	62
H447390		<10	10	<1	<10	51
H447391		<10	10	1	<10	23
H447392		<10	<10	1	<10	27
H447393		<10	<10	2	<10	14
H447394		<10	<10	1	<10	10
H447395		<10	<10	1	<10	9
H447396		<10	10	2	<10	50
H447397		<10	10	2	<10	51
H447398		<10	<10	2	<10	74
H447399		<10	10	1	<10	23
H447400		<10	<10	2	<10	26
H447401		<10	10	2	<10	36
H447402		<10	10	2	<10	364
H447403		<10	<10	2	<10	114
H447404		<10	<10	1	<10	243
H447405		<10	10	2	<10	131
H447406		<10	<10	2	<10	35
H447407		<10	10	1	<10	16
H447408		<10	<10	2	<10	27
H447409		<10	10	1	<10	11
H447410		<10	10	1	<10	9
H447411		<10	10	1	<10	42
H447412		<10	10	1	<10	9
H447413		<10	<10	1	<10	4
H447414		<10	<10	1	<10	2
H447415		<10	<10	1	<10	4
H447416		<10	10	2	<10	12
H447417		<10	<10	1	<10	5
H447418		<10	10	1	<10	20
H447419		<10	10	1	<10	4
H447420		<10	10	1	<10	8
H447421		<10	10	1	<10	23
H447422		<10	10	1	<10	23
H447423		<10	10	1	<10	21
H447424		<10	10	1	<10	14
H447425		<10	10	1	<10	35
H447426		<10	10	1	<10	50
H447427		<10	10	1	<10	9
H447428		<10	<10	1	<10	<2

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

Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076778

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H447429		5.27	0.03	<0.5	1.59	<5	180	<0.5	<2	0.03	<0.5	<1	16	2	0.38	<10
H447430		6.73	0.07	<0.5	5.87	<5	760	1.0	<2	0.14	<0.5	1	8	6	0.80	20
H447431		5.98	0.02	0.7	6.09	<5	750	1.0	<2	0.06	<0.5	<1	7	13	0.72	20
H447432		5.33	0.01	1.1	6.17	<5	750	1.0	<2	0.04	<0.5	1	8	7	0.69	20
H447433		4.97	0.01	0.7	6.16	<5	750	0.9	<2	0.10	<0.5	<1	12	6	0.76	20
H447434		4.73	<0.01	0.9	5.67	<5	680	0.8	<2	0.06	<0.5	<1	14	5	0.59	20
H447435		5.29	0.04	1.5	5.99	<5	680	0.9	2	0.06	<0.5	<1	11	4	0.71	20
H447436		5.92	0.14	1.1	5.63	<5	730	0.8	2	0.09	<0.5	<1	27	4	0.88	10
H447437		5.04	0.02	<0.5	2.37	<5	410	<0.5	<2	0.05	<0.5	1	22	4	0.45	10
H447438		4.92	0.01	0.6	3.88	<5	630	0.5	<2	0.06	<0.5	1	21	3	0.46	10
H447439		5.94	0.02	1.0	5.35	<5	600	0.8	<2	0.08	<0.5	1	9	8	0.63	10
H447440		3.78	0.02	0.8	4.79	<5	740	0.7	<2	0.07	<0.5	<1	13	3	0.48	10
H447441		5.61	0.05	<0.5	5.31	<5	890	0.8	<2	0.11	<0.5	<1	11	4	0.56	10
H447442		4.45	0.01	<0.5	6.55	<5	1050	1.2	<2	0.12	<0.5	<1	7	6	0.88	20
H447443		5.82	0.02	1.1	5.67	<5	610	1.0	<2	0.12	<0.5	<1	8	5	0.71	10
H447444		5.38	0.05	<0.5	5.69	<5	710	0.9	<2	0.13	<0.5	1	12	4	0.87	20
H447445		4.05	0.01	<0.5	5.83	<5	790	1.0	<2	0.11	<0.5	1	13	5	0.92	10
H447446		4.82	0.03	<0.5	6.00	<5	710	1.1	<2	0.11	<0.5	<1	8	3	0.87	20
H447447		5.34	0.03	1.0	6.09	<5	810	1.0	3	0.15	<0.5	1	9	12	1.04	20
H447448		6.44	0.04	0.5	5.93	<5	910	1.0	<2	0.14	<0.5	<1	7	8	0.88	10
H447449		2.15	0.01	<0.5	4.88	<5	550	0.8	<2	0.04	<0.5	<1	11	2	0.61	10
H447450		5.72	0.01	<0.5	5.71	<5	590	0.9	<2	0.12	<0.5	<1	8	3	0.69	10
H447451		4.56	0.03	<0.5	2.09	<5	270	<0.5	<2	0.03	<0.5	1	27	6	0.57	<10
H447452		3.32	0.05	<0.5	0.64	<5	120	<0.5	<2	<0.01	<0.5	1	26	4	0.53	<10
H447453		2.52	0.01	<0.5	0.12	<5	30	<0.5	<2	<0.01	<0.5	<1	27	3	0.45	<10
H447454		3.39	0.01	<0.5	6.14	<5	580	0.9	<2	0.16	1.2	1	18	8	0.95	20
H447455		4.42	0.03	4.7	3.94	<5	630	0.9	10	0.03	4.1	1	15	4	0.73	10
H447456		5.42	0.01	<0.5	4.85	<5	590	0.8	<2	0.04	<0.5	<1	15	2	0.67	10
H447457		6.20	0.02	1.7	6.49	<5	630	1.0	<2	0.20	<0.5	1	8	9	0.68	20
H447458		6.24	0.01	1.1	5.95	<5	630	0.9	<2	0.10	<0.5	<1	10	13	0.76	20
H447459		5.59	0.10	1.4	3.97	5	480	0.6	<2	0.03	<0.5	1	16	8	1.05	10
H447460		6.24	0.01	1.1	4.41	<5	360	0.6	<2	0.08	<0.5	<1	16	8	0.63	10
H447461		6.50	0.01	0.9	6.23	<5	680	1.0	<2	0.27	<0.5	1	11	15	0.58	10
H447462		5.86	0.01	0.8	6.48	<5	730	1.0	<2	0.26	<0.5	1	14	13	0.76	20

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

Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076778

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
H447429		0.33	<10	<0.01	36	<1	0.85	2	20	2	0.04	<5	<1	14	<20	<0.01
H447430		1.33	10	0.01	308	<1	3.13	3	130	7	0.23	<5	<1	37	<20	<0.01
H447431		1.32	10	0.02	137	<1	3.05	2	130	17	0.12	<5	<1	28	<20	<0.01
H447432		1.45	10	0.02	180	<1	2.77	2	110	7	0.08	<5	<1	16	<20	<0.01
H447433		1.26	10	0.02	247	1	3.34	3	130	4	0.22	<5	<1	23	<20	<0.01
H447434		1.24	10	0.02	193	<1	2.69	3	120	4	0.08	<5	<1	18	<20	<0.01
H447435		1.16	10	0.02	179	<1	3.43	2	140	37	0.12	<5	<1	27	<20	<0.01
H447436		1.21	10	0.02	128	1	2.76	2	100	20	0.12	<5	<1	26	<20	<0.01
H447437		0.70	<10	<0.01	119	<1	1.18	2	50	6	0.11	<5	<1	23	<20	<0.01
H447438		1.19	10	0.01	126	1	1.94	2	80	9	0.08	<5	<1	33	<20	<0.01
H447439		1.54	10	0.01	148	2	2.30	3	110	15	0.22	<5	<1	29	<20	<0.01
H447440		1.55	10	0.01	133	3	2.21	2	100	11	0.07	<5	<1	42	<20	<0.01
H447441		1.55	10	0.01	193	<1	2.99	2	130	11	0.13	<5	<1	60	<20	<0.01
H447442		2.09	10	0.03	276	<1	2.70	2	160	10	0.26	<5	<1	42	<20	<0.01
H447443		1.54	10	0.02	279	1	2.47	2	120	26	0.18	<5	<1	38	<20	<0.01
H447444		1.62	10	0.01	234	1	2.72	3	130	11	0.27	<5	<1	51	<20	<0.01
H447445		1.81	10	0.03	222	1	2.40	3	130	12	0.17	<5	<1	42	<20	<0.01
H447446		1.69	10	0.02	222	<1	2.61	4	140	8	0.19	<5	<1	46	<20	<0.01
H447447		1.61	10	0.02	200	1	3.07	3	140	25	0.25	<5	<1	61	<20	<0.01
H447448		1.69	10	0.01	263	<1	3.10	2	140	9	0.34	<5	<1	58	<20	<0.01
H447449		1.19	10	0.02	131	<1	2.01	2	120	5	0.05	<5	<1	16	<20	<0.01
H447450		1.17	<10	0.02	151	2	3.10	3	110	10	0.15	<5	<1	47	<20	<0.01
H447451		0.50	10	0.01	41	2	0.83	3	40	12	0.12	<5	<1	11	<20	<0.01
H447452		0.20	<10	0.01	34	5	0.18	2	10	5	0.13	<5	<1	<1	<20	<0.01
H447453		0.05	<10	<0.01	26	1	0.01	1	10	4	0.07	<5	<1	<1	<20	<0.01
H447454		1.16	10	0.02	323	<1	3.21	4	130	7	0.28	<5	<1	34	<20	<0.01
H447455		1.52	10	0.03	110	3	0.62	2	90	62	0.19	<5	<1	6	<20	<0.01
H447456		1.27	10	0.02	92	2	1.79	<1	90	10	0.04	<5	<1	16	<20	<0.01
H447457		1.38	10	0.02	323	1	3.41	1	140	17	0.13	<5	<1	27	<20	<0.01
H447458		1.18	10	0.02	237	<1	3.29	1	130	9	0.15	<5	<1	31	<20	<0.01
H447459		0.84	10	0.02	55	5	1.80	1	50	7	0.22	<5	<1	18	<20	<0.01
H447460		0.89	10	0.01	85	3	2.13	1	80	10	0.14	<5	<1	31	<20	<0.01
H447461		1.29	10	0.02	252	1	3.13	<1	120	7	0.11	<5	<1	42	<20	<0.01
H447462		1.30	10	0.02	277	1	3.55	2	140	8	0.17	<5	<1	42	<20	<0.01

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

Finalized Date: 10-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09076778

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H447429		<10	<10	<1	<10	2
H447430		<10	10	1	<10	23
H447431		<10	10	1	<10	16
H447432		<10	10	2	<10	15
H447433		<10	10	2	<10	14
H447434		<10	10	2	<10	41
H447435		<10	10	2	<10	63
H447436		<10	10	2	<10	13
H447437		<10	<10	<1	<10	13
H447438		<10	10	1	<10	25
H447439		<10	10	1	<10	26
H447440		<10	10	1	<10	11
H447441		<10	10	1	<10	30
H447442		<10	10	2	<10	24
H447443		<10	10	1	<10	47
H447444		<10	10	1	<10	33
H447445		<10	10	1	<10	20
H447446		<10	10	2	<10	30
H447447		<10	10	1	<10	36
H447448		<10	10	1	<10	86
H447449		<10	10	2	<10	25
H447450		<10	10	1	<10	15
H447451		<10	<10	1	<10	8
H447452		<10	<10	1	<10	3
H447453		<10	<10	1	<10	<2
H447454		<10	10	2	<10	171
H447455		<10	<10	4	<10	1025
H447456		<10	10	4	<10	43
H447457		<10	10	2	<10	54
H447458		<10	10	2	<10	27
H447459		<10	<10	3	<10	7
H447460		<10	10	1	<10	10
H447461		<10	10	1	<10	15
H447462		<10	10	2	<10	23

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

INVOICE NUMBER 1947037

BILLING INFORMATION

Certificate:	**TB09085726**
Sample Type:	**Channel**
Account:	**PJV**
Date:	**31-AUG-2009**
Project:	ST. ANTHONY CHANNEL SAMPLES
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE	- DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	27.00	27.00
44	PREP-31	Crush, Split, Pulverize	6.08	267.52
224.92	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	132.70
44	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	590.92
44	ME-ICP61	33 element four acid ICP-AES	5.93	260.92
44	GEO-4ACID	Four acid "near total" dig	4.20	184.80

SUBTOTAL (CAD)	$	1,463.86
R100938885 GST	$	73.19
TOTAL PAYABLE (CAD)	**$**	**1,537.05**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

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

Finalized Date: 31-AUG-2009
Account: PJV

CERTIFICATE TB09085726

Project: ST. ANTHONY CHANNEL SAMPLES

P.O. No.:

This report is for 44 Channel samples submitted to our lab in Thunder Bay, ON, Canada on 17-AUG-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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

Finalized Date: 31-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085726

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H449548		4.59	<0.01	<0.5	7.61	6	90	<0.5	<2	5.97	<0.5	41	73	142	8.53	20
H449549		3.84	<0.01	<0.5	7.67	<5	200	0.7	<2	4.08	<0.5	31	59	54	6.63	20
H449550		4.52	<0.01	<0.5	7.56	6	110	0.5	<2	5.50	<0.5	43	71	125	8.14	20
H449551		5.59	<0.01	<0.5	8.16	<5	90	0.5	<2	5.93	<0.5	45	91	133	8.66	20
H449552		5.46	<0.01	<0.5	7.66	<5	90	<0.5	<2	5.42	<0.5	42	72	108	8.05	20
H449553		4.35	<0.01	<0.5	7.63	<5	120	<0.5	<2	6.03	<0.5	42	70	126	8.44	20
H449554		4.28	<0.01	<0.5	7.74	<5	100	0.5	<2	5.82	<0.5	43	71	124	8.74	20
H449555		6.08	<0.01	<0.5	7.37	5	100	<0.5	<2	5.80	<0.5	40	68	106	8.27	20
H449556		5.37	<0.01	<0.5	7.79	<5	90	<0.5	<2	6.38	<0.5	42	68	126	8.73	20
H449557		5.55	<0.01	<0.5	7.73	<5	70	<0.5	<2	6.12	<0.5	41	69	104	8.84	20
H449558		5.79	<0.01	<0.5	7.42	<5	70	<0.5	<2	5.55	<0.5	40	68	82	9.26	20
H449559		5.16	<0.01	<0.5	7.45	<5	80	<0.5	<2	4.99	<0.5	42	73	114	8.89	20
H449560		6.15	<0.01	<0.5	7.48	<5	110	<0.5	<2	5.91	<0.5	42	67	117	8.80	20
H449561		5.42	<0.01	<0.5	7.96	7	60	<0.5	<2	5.92	<0.5	43	78	105	8.87	20
H449562		7.64	<0.01	<0.5	7.56	5	40	<0.5	<2	6.25	<0.5	42	73	122	8.82	20
H449563		5.95	<0.01	<0.5	7.74	5	60	0.5	<2	5.21	<0.5	42	74	100	8.48	20
H449564		6.08	<0.01	<0.5	7.41	<5	100	0.6	<2	4.28	<0.5	37	63	99	7.64	20
H449565		4.23	0.06	<0.5	6.10	<5	760	1.5	<2	0.15	<0.5	<1	10	3	0.97	20
H449566		3.25	<0.01	<0.5	4.60	<5	210	0.8	<2	0.42	<0.5	<1	11	3	0.37	10
H449567		5.55	0.08	10.7	6.24	<5	830	1.1	24	0.14	<0.5	<1	8	7	0.86	20
H449568		3.68	0.08	1.2	5.33	<5	570	0.9	2	0.16	<0.5	1	11	5	0.82	10
H449569		3.31	0.04	14.6	5.21	<5	650	0.9	24	0.14	<0.5	<1	9	5	0.70	10
H449570		5.15	0.02	0.9	5.97	<5	670	1.1	<2	0.13	<0.5	1	7	5	0.88	20
H449571		3.43	0.01	<0.5	5.92	<5	630	1.1	<2	0.19	<0.5	1	5	5	0.80	20
H449572		5.55	0.12	0.7	6.39	<5	840	1.3	<2	0.26	<0.5	<1	9	7	0.91	20
H449573		6.35	0.05	0.6	4.66	<5	500	0.9	<2	0.16	0.6	<1	13	2	0.82	10
H449574		6.62	0.03	1.8	6.13	<5	770	1.2	<2	0.38	0.9	<1	7	6	0.84	20
H449575		4.21	0.10	1.3	5.32	<5	590	1.0	<2	0.23	<0.5	<1	9	5	0.68	10
H449576		5.70	0.02	2.0	4.08	<5	330	0.7	4	0.16	<0.5	<1	14	3	0.50	10
H449577		6.62	0.03	0.6	6.25	<5	690	1.2	<2	0.25	<0.5	1	11	6	0.85	20
H449578		3.01	0.05	2.7	6.15	<5	690	1.1	<2	0.34	<0.5	1	9	8	0.78	20
H449579		8.41	0.02	1.3	6.21	<5	750	1.1	<2	0.31	<0.5	<1	11	5	1.00	20
H449580		4.99	<0.01	<0.5	5.81	<5	640	1.1	<2	0.23	0.5	<1	17	3	0.93	10
H449581		5.11	0.03	0.6	6.46	<5	720	1.2	<2	0.23	0.7	<1	12	9	0.94	20
H449582		6.10	0.03	0.6	6.57	<5	880	1.2	<2	0.25	<0.5	1	18	12	0.93	20
H449583		5.47	0.02	0.7	5.81	<5	700	1.0	<2	0.22	<0.5	<1	11	8	0.84	20
H449584		4.92	0.01	<0.5	6.22	<5	220	1.1	<2	1.23	<0.5	1	12	12	1.67	10
H449585		6.11	<0.01	<0.5	6.56	<5	220	1.3	<2	1.20	<0.5	1	19	17	1.78	10
H449586		5.35	0.02	0.8	6.16	<5	310	1.2	<2	1.26	<0.5	1	10	36	1.74	10
H449587		3.89	0.13	2.4	7.40	<5	340	2.9	<2	0.87	<0.5	2	7	79	1.99	20

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

Finalized Date: 31-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085726

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
H449548		0.37	<10	3.12	1520	<1	1.48	58	430	<2	0.13	<5	43	147	<20	0.72
H449549		0.66	10	2.20	1285	<1	2.14	47	520	4	0.03	<5	31	162	<20	0.59
H449550		0.31	<10	3.23	1435	<1	1.75	57	440	2	0.08	<5	42	101	<20	0.74
H449551		0.29	<10	3.33	1570	<1	1.98	60	470	<2	0.04	<5	47	109	<20	0.77
H449552		0.27	<10	3.13	1470	<1	1.93	58	450	<2	0.05	<5	44	100	<20	0.74
H449553		0.38	<10	3.18	1555	<1	1.67	57	440	<2	0.07	<5	44	103	<20	0.74
H449554		0.35	<10	3.19	1555	<1	1.48	57	440	<2	0.08	<5	45	105	<20	0.74
H449555		0.33	<10	3.06	1590	<1	1.49	54	410	<2	0.04	<5	43	106	<20	0.70
H449556		0.30	<10	3.18	1590	<1	1.49	57	430	<2	0.07	<5	45	116	<20	0.74
H449557		0.28	<10	3.24	1690	<1	1.51	58	430	<2	0.06	<5	44	123	<20	0.74
H449558		0.26	<10	3.36	1945	<1	1.20	55	400	<2	0.02	<5	43	117	<20	0.70
H449559		0.26	<10	3.31	1590	<1	1.44	57	440	<2	0.05	<5	43	92	<20	0.74
H449560		0.33	<10	3.32	1620	<1	1.49	55	420	<2	0.06	<5	43	99	<20	0.72
H449561		0.21	<10	3.36	1745	<1	1.52	60	440	<2	0.02	<5	46	115	<20	0.77
H449562		0.20	<10	3.32	1535	<1	1.36	59	400	2	0.08	<5	44	119	<20	0.72
H449563		0.28	<10	3.17	1460	<1	1.54	59	410	<2	0.10	<5	43	133	<20	0.72
H449564		0.51	<10	2.65	1285	<1	2.17	50	440	2	0.10	<5	38	113	<20	0.62
H449565		2.09	40	0.10	245	<1	1.66	<1	140	26	0.13	<5	1	22	<20	0.03
H449566		0.58	10	0.03	281	<1	2.89	<1	80	4	0.02	<5	<1	56	<20	<0.01
H449567		1.83	10	0.01	272	<1	2.92	<1	140	28	0.21	<5	<1	46	<20	<0.01
H449568		1.29	10	0.01	315	<1	2.67	<1	120	27	0.19	<5	<1	47	<20	<0.01
H449569		1.44	10	0.01	238	<1	2.54	<1	110	497	0.23	<5	<1	49	<20	<0.01
H449570		1.60	10	0.02	226	<1	3.06	1	140	16	0.27	<5	<1	53	<20	<0.01
H449571		1.42	10	0.02	240	<1	3.16	1	140	15	0.23	<5	<1	56	<20	<0.01
H449572		1.51	10	0.02	311	<1	3.53	1	140	30	0.25	<5	<1	54	<20	<0.01
H449573		1.04	10	0.01	238	<1	2.35	<1	100	12	0.30	<5	<1	41	<20	<0.01
H449574		1.65	10	0.02	601	<1	2.79	<1	140	30	0.23	<5	<1	48	<20	<0.01
H449575		1.28	10	0.02	314	11	2.60	<1	130	26	0.18	<5	<1	44	<20	<0.01
H449576		0.72	10	0.01	244	<1	2.05	1	90	45	0.07	<5	<1	36	<20	<0.01
H449577		1.45	10	0.02	267	<1	3.15	<1	140	12	0.29	<5	<1	60	<20	<0.01
H449578		1.43	10	0.02	353	<1	3.39	<1	140	56	0.29	<5	<1	60	<20	<0.01
H449579		1.53	10	0.01	328	<1	3.20	<1	150	19	0.40	<5	<1	65	<20	<0.01
H449580		1.53	10	0.02	309	1	2.42	<1	130	9	0.37	<5	<1	46	<20	<0.01
H449581		1.67	10	0.02	335	1	3.17	<1	160	14	0.35	<5	<1	45	<20	<0.01
H449582		1.99	10	0.02	392	2	3.28	2	160	13	0.35	<5	<1	59	<20	<0.01
H449583		1.67	10	0.01	259	2	3.11	<1	140	16	0.31	<5	<1	50	<20	<0.01
H449584		1.39	30	0.13	421	<1	2.52	<1	130	4	0.05	<5	1	258	<20	0.04
H449585		1.54	30	0.14	441	<1	2.55	3	160	5	0.08	<5	1	272	<20	0.05
H449586		1.63	20	0.12	389	<1	2.52	5	150	8	0.33	<5	1	204	<20	0.04
H449587		1.26	50	0.09	307	4	4.30	<1	540	26	0.80	<5	1	249	<20	0.06

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

Finalized Date: 31-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085726

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H449548		<10	<10	332	<10	102
H449549		<10	<10	257	<10	101
H449550		<10	<10	347	<10	104
H449551		<10	<10	364	<10	115
H449552		<10	<10	342	<10	111
H449553		<10	<10	345	<10	108
H449554		<10	<10	347	<10	109
H449555		<10	<10	329	<10	105
H449556		<10	<10	344	<10	109
H449557		<10	<10	344	<10	106
H449558		<10	<10	334	<10	108
H449559		<10	<10	342	<10	125
H449560		<10	<10	338	<10	110
H449561		<10	<10	362	<10	106
H449562		<10	<10	342	<10	106
H449563		<10	<10	338	<10	112
H449564		<10	10	287	<10	107
H449565		<10	<10	7	<10	18
H449566		<10	10	3	<10	5
H449567		<10	10	1	<10	50
H449568		<10	10	1	<10	20
H449569		<10	10	1	<10	29
H449570		<10	10	1	<10	52
H449571		<10	10	1	<10	35
H449572		<10	10	1	<10	39
H449573		<10	10	1	<10	148
H449574		<10	10	1	<10	142
H449575		<10	10	1	<10	59
H449576		<10	10	1	<10	22
H449577		<10	10	2	<10	22
H449578		<10	10	<1	<10	33
H449579		<10	10	<1	<10	46
H449580		<10	10	1	<10	82
H449581		<10	10	1	<10	144
H449582		<10	10	1	<10	31
H449583		<10	10	<1	<10	23
H449584		<10	10	<1	<10	35
H449585		<10	<10	<1	<10	44
H449586		<10	10	1	<10	28
H449587		<10	10	5	<10	41

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

Finalized Date: 31-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085726

Method	WEI-21	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H449588	4.55	0.30	0.6	5.02	16	260	1.2	<2	0.49	<0.5	2	16	45	1.73	10
H449589	4.66	0.05	1.4	6.08	<5	320	1.8	<2	0.72	<0.5	1	14	30	1.24	10
H449590	3.98	0.45	1.3	7.48	5	320	1.7	<2	0.49	<0.5	2	14	27	0.95	20
H449591	2.90	0.05	1.2	8.26	<5	320	2.7	<2	0.68	<0.5	1	14	44	1.13	20

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Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085726

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H449588		0.78	10	0.08	236	<1	2.73	3	110	4	0.71	<5	1	175	<20	0.05
H449589		1.05	10	0.08	239	<1	3.37	1	170	9	0.59	<5	1	153	<20	0.03
H449590		1.47	30	0.08	202	18	4.52	1	290	20	0.35	<5	1	97	<20	0.02
H449591		1.67	30	0.10	253	<1	5.4	<1	250	17	0.54	<5	1	218	<20	0.03

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

Finalized Date: 31-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085726

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H449588		<10	10	2	<10	24
H449589		<10	10	1	<10	18
H449590		<10	10	4	<10	21
H449591		<10	10	4	<10	21

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

INVOICE NUMBER 1948095

BILLING INFORMATION

Certificate:	**TB09087266**
Sample Type:	**Channel**
Account:	**PJV**
Date:	**1-SEP-2009**
Project:	ST. ANTHONY CHANNEL SAMPLES
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	27.00	27.00
77	PREP-31	Crush, Split, Pulverize	6.08	468.16
365.24	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	215.49
77	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	1,034.11
77	ME-ICP61	33 element four acid ICP-AES	5.93	456.61
77	GEO-4ACID	Four acid "near total" dig	4.20	323.40

SUBTOTAL (CAD)	$	2,524.77
R100938885 GST	$	126.24
TOTAL PAYABLE (CAD)	**$**	**2,651.01**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	*003-00010-1001098*

Please Remit Payments To :
ALS Chemex
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

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

Finalized Date: 1-SEP-2009
Account: PJV

CERTIFICATE TB09087266

Project: ST. ANTHONY CHANNEL SAMPLES

P.O. No.:

This report is for 77 Channel samples submitted to our lab in Thunder Bay, ON, Canada on 19-AUG-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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Finalized Date: 1-SEP-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09087266

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H449592		4.97	<0.01	<0.5	7.56	5	370	0.7	<2	3.77	<0.5	38	123	129	7.65	10
H449593		3.95	0.02	<0.5	7.14	5	190	<0.5	<2	4.89	<0.5	42	142	119	8.34	10
H449594		4.72	<0.01	<0.5	7.57	<5	90	<0.5	<2	5.09	<0.5	39	152	110	8.25	10
H449595		4.61	0.35	<0.5	5.23	43	140	0.5	<2	0.13	<0.5	1	10	11	0.88	10
H449596		3.78	1.94	2.2	8.19	14	750	1.5	<2	1.62	<0.5	6	20	29	3.57	20
H449597		5.90	<0.01	<0.5	8.07	<5	50	<0.5	<2	7.53	<0.5	45	184	82	8.64	10
H449598		5.01	<0.01	<0.5	8.07	14	40	<0.5	<2	7.13	<0.5	35	166	77	8.13	10
H449599		6.32	<0.01	<0.5	8.30	5	30	<0.5	<2	7.60	<0.5	34	156	68	8.49	10
H449600		6.29	0.02	<0.5	8.16	5	30	<0.5	<2	7.62	<0.5	39	166	124	8.25	10
H449601		4.88	<0.01	<0.5	7.37	9	20	<0.5	<2	6.98	<0.5	38	162	104	7.77	10
H449602		4.18	<0.01	<0.5	8.19	<5	20	<0.5	<2	7.63	<0.5	34	162	98	7.56	10
H449603		7.18	<0.01	<0.5	7.48	8	20	<0.5	<2	6.79	<0.5	32	148	86	7.01	10
H449604		6.29	<0.01	<0.5	8.11	9	40	<0.5	<2	7.24	<0.5	42	104	123	9.09	10
H449605		5.47	<0.01	<0.5	7.86	10	70	<0.5	<2	6.49	<0.5	44	101	79	9.04	10
H449606		3.55	<0.01	<0.5	8.34	7	390	2.0	<2	1.64	<0.5	3	8	19	2.79	20
H449607		4.23	<0.01	<0.5	8.31	6	510	2.1	<2	1.18	<0.5	3	7	47	2.29	20
H449608		3.93	0.29	<0.5	8.40	6	480	2.2	<2	0.90	<0.5	4	8	60	2.31	20
H449609		3.88	<0.01	<0.5	8.38	5	820	2.1	4	0.72	<0.5	5	7	69	2.66	20
H449610		4.62	0.01	<0.5	8.37	<5	1130	2.0	<2	1.02	<0.5	7	7	56	2.78	30
H449611		4.26	0.02	1.2	4.33	<5	670	1.0	<2	0.43	<0.5	9	22	53	2.26	10
H449612		2.39	<0.01	0.9	1.79	<5	310	<0.5	<2	0.02	<0.5	2	23	16	1.10	10
H449613		5.22	0.01	4.0	1.13	<5	230	<0.5	5	0.03	<0.5	2	22	25	0.81	<10
H449614		4.45	<0.01	<0.5	6.99	<5	250	1.7	<2	1.86	<0.5	3	8	6	2.53	10
H449615		3.85	<0.01	<0.5	7.69	<5	270	2.0	<2	1.52	<0.5	2	6	38	2.59	20
H449616		3.72	<0.01	<0.5	7.53	<5	260	2.1	<2	1.69	<0.5	3	7	45	2.80	20
H449617		3.58	0.03	<0.5	7.75	<5	250	2.3	<2	1.82	<0.5	4	15	43	2.89	20
H449618		3.74	0.01	<0.5	8.02	<5	280	2.1	<2	1.52	<0.5	2	6	39	2.71	20
H449619		2.81	<0.01	<0.5	7.34	<5	270	2.4	<2	1.55	<0.5	3	15	15	2.46	20
H449620		4.27	<0.01	<0.5	7.68	<5	390	2.5	<2	1.30	<0.5	2	7	6	2.74	20
H449621		2.66	0.01	1.6	7.16	5	1180	2.0	2	0.80	<0.5	6	8	81	2.49	20
H449622		5.03	0.01	1.1	8.43	<5	1180	2.1	<2	1.42	<0.5	4	9	79	3.05	20
H449623		6.55	0.03	5.9	6.06	<5	950	1.7	9	0.23	<0.5	2	16	41	2.06	20
H449624		1.93	0.44	<0.5	6.86	<5	330	1.7	<2	0.99	<0.5	<1	9	9	1.84	20
H449625		5.84	0.12	<0.5	7.28	<5	450	1.8	<2	0.76	<0.5	<1	13	7	2.13	20
H449626		4.31	0.28	<0.5	5.49	6	470	1.5	<2	0.31	<0.5	1	13	2	1.75	10
H449627		5.21	0.51	2.2	6.76	<5	700	1.8	<2	0.58	<0.5	1	11	8	1.99	20
H449628		5.12	0.21	0.7	7.57	11	710	1.9	<2	0.49	<0.5	1	7	5	2.53	20
H449629		5.17	0.13	3.2	5.88	<5	600	1.7	5	0.71	0.9	<1	13	<1	1.43	10
H449630		5.34	3.21	15.1	5.23	<5	570	1.5	30	0.48	0.9	1	17	1	1.74	10
H449631		5.08	0.10	1.2	6.01	<5	580	1.3	3	0.15	1.8	<1	7	5	0.75	20

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

Finalized Date: 1-SEP-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09087266

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H449592		3.91	<10	3.77	2090	<1	0.16	95	280	6	0.07	<5	38	55	<20	0.49
H449593		0.98	<10	3.79	1550	<1	1.07	98	330	2	0.27	<5	31	64	<20	0.52
H449594		0.71	<10	3.81	1410	<1	1.43	105	340	<2	0.14	<5	34	75	<20	0.58
H449595		0.57	<10	0.02	38	1	7.1	2	150	3	0.31	<5	<1	54	<20	0.01
H449596		3.31	20	0.52	1205	1	1.83	12	700	39	1.02	<5	5	102	<20	0.40
H449597		0.24	<10	5.21	1540	<1	1.35	164	300	<2	0.08	<5	38	94	<20	0.54
H449598		0.19	<10	3.62	1280	<1	1.41	77	370	<2	0.11	<5	41	107	<20	0.63
H449599		0.14	<10	3.66	1360	<1	1.50	73	380	<2	0.09	<5	41	110	<20	0.66
H449600		0.13	<10	3.90	1405	<1	1.41	89	280	<2	0.18	<5	40	99	<20	0.62
H449601		0.11	<10	3.50	1230	<1	1.20	87	250	<2	0.23	<5	38	95	<20	0.61
H449602		0.11	<10	3.64	1185	<1	1.43	74	380	<2	0.17	<5	40	115	<20	0.60
H449603		0.10	<10	3.20	1070	<1	1.41	64	360	<2	0.14	<5	36	108	<20	0.55
H449604		0.17	<10	2.86	1630	1	1.18	90	350	<2	0.04	<5	43	106	<20	0.62
H449605		0.20	<10	2.95	1625	2	1.94	90	320	<2	0.04	<5	40	110	<20	0.60
H449606		1.25	20	0.35	518	<1	3.61	1	590	<2	0.03	<5	2	283	<20	0.17
H449607		1.52	20	0.34	366	1	3.58	2	550	<2	0.05	<5	2	231	<20	0.15
H449608		2.67	10	0.34	406	<1	2.53	2	540	<2	0.10	<5	2	158	<20	0.19
H449609		3.10	20	0.46	420	<1	2.11	3	570	<2	0.17	<5	2	83	<20	0.15
H449610		3.30	20	0.50	597	<1	1.99	6	690	5	0.41	<5	4	95	<20	0.14
H449611		1.60	10	0.23	615	<1	0.90	8	300	7	0.26	<5	7	45	<20	0.10
H449612		0.68	<10	0.07	66	1	0.38	2	60	14	0.04	<5	3	15	<20	0.04
H449613		0.49	<10	0.05	82	<1	0.15	2	100	32	0.17	<5	1	6	<20	0.02
H449614		1.48	20	0.22	589	<1	2.76	1	470	5	0.04	<5	1	261	<20	0.15
H449615		1.81	20	0.24	664	<1	2.87	1	480	4	0.09	<5	2	289	<20	0.15
H449616		1.83	20	0.25	444	<1	2.80	<1	350	6	0.13	<5	2	305	<20	0.13
H449617		2.01	20	0.25	478	<1	2.75	3	430	8	0.19	<5	2	328	<20	0.14
H449618		2.15	30	0.22	505	<1	2.83	<1	320	8	0.22	<5	2	282	<20	0.13
H449619		2.10	10	0.22	522	<1	2.49	1	400	7	0.11	<5	1	291	<20	0.13
H449620		2.12	30	0.23	603	<1	2.85	<1	520	5	0.06	<5	1	261	<20	0.18
H449621		3.30	20	0.28	719	<1	0.77	<1	260	16	0.47	<5	2	48	<20	0.12
H449622		3.76	20	0.26	1000	<1	1.22	1	530	10	0.72	<5	2	66	<20	0.20
H449623		2.85	20	0.19	287	1	0.59	<1	280	28	0.66	<5	1	29	<20	0.09
H449624		1.73	20	0.11	399	<1	2.87	<1	200	9	0.28	<5	1	241	<20	0.06
H449625		2.31	40	0.14	680	<1	2.31	1	200	9	0.34	<5	2	158	<20	0.06
H449626		2.14	30	0.10	512	<1	1.05	2	160	25	0.58	<5	1	46	<20	0.04
H449627		2.82	10	0.12	857	<1	1.14	<1	180	87	0.84	<5	1	37	<20	0.05
H449628		2.97	10	0.15	594	<1	1.60	1	300	25	1.09	<5	1	67	<20	0.07
H449629		2.67	20	0.08	1080	<1	0.53	<1	170	122	0.56	<5	1	27	<20	0.04
H449630		2.29	20	0.09	684	<1	0.59	<1	270	384	0.79	<5	1	24	<20	0.04
H449631		1.77	10	0.01	256	<1	3.34	1	160	26	0.31	<5	<1	49	<20	<0.01

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1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 1-SEP-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09087266

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H449592		<10	<10	266	<10	192
H449593		<10	<10	277	<10	111
H449594		<10	<10	268	<10	84
H449595		<10	40	5	<10	2
H449596		<10	<10	40	10	86
H449597		<10	<10	262	<10	83
H449598		<10	<10	304	<10	68
H449599		<10	<10	311	<10	61
H449600		<10	<10	374	<10	67
H449601		<10	<10	416	<10	61
H449602		<10	<10	264	<10	57
H449603		<10	<10	237	<10	48
H449604		<10	<10	306	<10	118
H449605		<10	<10	298	<10	124
H449606		<10	20	5	<10	55
H449607		<10	10	5	<10	38
H449608		<10	10	17	<10	34
H449609		<10	<10	22	<10	30
H449610		<10	10	49	10	43
H449611		<10	<10	54	<10	42
H449612		<10	<10	21	<10	7
H449613		<10	<10	12	<10	2
H449614		<10	10	1	<10	55
H449615		<10	20	1	<10	42
H449616		<10	10	1	<10	41
H449617		<10	10	3	<10	44
H449618		<10	10	1	<10	46
H449619		<10	10	1	<10	54
H449620		<10	10	1	<10	61
H449621		<10	<10	21	10	30
H449622		<10	<10	8	10	54
H449623		<10	<10	8	10	26
H449624		<10	10	<1	10	31
H449625		<10	10	<1	10	41
H449626		<10	<10	1	10	32
H449627		<10	10	1	10	48
H449628		<10	10	<1	10	39
H449629		<10	<10	1	10	279
H449630		<10	<10	1	<10	259
H449631		<10	20	1	<10	497

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KENORA ON P9N 2K2

Finalized Date: 1-SEP-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09087266

Method	WEI-21	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Sample Description LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
H449632	6.38	0.03	0.7	5.60	<5	540	1.2	<2	0.17	0.7	1	8	7	0.85	20
H449633	2.64	0.09	<0.5	5.93	<5	420	1.2	<2	0.13	0.9	1	7	1	0.64	20
H449634	4.01	0.03	<0.5	6.58	<5	820	1.2	<2	0.10	<0.5	<1	6	1	0.71	20
H449635	3.61	18.65	3.3	6.48	<5	740	1.2	5	0.09	<0.5	<1	5	<1	0.80	20
H449636	5.57	0.01	<0.5	7.15	<5	670	1.3	<2	0.10	<0.5	<1	6	<1	0.84	20
H449637	5.10	3.05	1.3	4.20	<5	420	0.9	<2	0.03	<0.5	1	9	<1	0.62	10
H449638	5.89	0.09	<0.5	6.48	<5	450	1.1	<2	0.11	<0.5	<1	6	5	0.75	20
H449639	5.33	0.01	<0.5	6.94	<5	530	1.2	<2	0.07	<0.5	<1	5	<1	0.81	20
H449640	5.74	0.12	1.3	6.79	<5	530	1.3	<2	0.11	<0.5	<1	8	1	0.81	20
H449641	7.99	3.81	1.5	5.76	<5	470	1.0	4	0.07	<0.5	<1	8	<1	0.78	20
H449642	4.02	10.10	28.1	3.80	<5	330	0.9	56	0.03	4.4	<1	12	<1	0.70	10
H449643	4.31	0.21	2.1	6.57	<5	550	1.3	3	0.07	<0.5	<1	7	<1	0.74	20
H449644	4.05	0.03	0.6	6.78	<5	530	1.1	<2	0.10	<0.5	<1	6	<1	0.73	20
H449645	4.91	<0.01	<0.5	4.43	<5	410	1.2	<2	0.03	<0.5	<1	15	<1	0.72	20
H449646	5.42	0.01	<0.5	4.90	6	460	1.3	<2	0.03	<0.5	<1	8	3	0.77	20
H449647	4.94	0.06	3.2	5.18	5	460	1.0	9	0.05	<0.5	<1	11	2	0.75	20
H449648	4.00	<0.01	<0.5	4.97	5	440	1.1	<2	0.03	<0.5	1	9	1	0.69	10
H449649	3.67	0.02	1.1	5.55	8	480	1.0	<2	0.06	<0.5	<1	8	1	0.76	10
H449650	4.08	0.07	<0.5	6.63	<5	500	1.0	<2	0.11	<0.5	<1	6	2	0.83	20
H449651	3.15	0.09	<0.5	4.85	<5	350	0.8	<2	0.06	<0.5	<1	7	2	0.79	10
H449652	4.71	0.08	<0.5	6.52	8	480	1.0	<2	0.09	<0.5	<1	5	3	0.79	20
H449653	6.35	0.11	<0.5	6.58	6	510	1.0	<2	0.09	<0.5	<1	5	3	0.75	20
H449654	6.56	0.07	0.7	5.91	8	470	0.9	2	0.09	<0.5	<1	5	2	0.77	10
H449655	6.16	0.24	1.2	6.45	8	510	0.9	<2	0.10	<0.5	<1	6	2	0.74	20
H449656	5.58	0.03	<0.5	6.38	9	550	1.1	<2	0.09	<0.5	<1	6	2	0.88	20
H449657	6.22	0.03	<0.5	6.68	7	580	1.1	<2	0.08	<0.5	<1	5	1	0.76	20
H449658	5.63	0.01	<0.5	6.92	7	560	0.9	<2	0.11	<0.5	1	4	2	0.87	20
H449659	4.86	0.01	0.5	5.37	28	540	0.5	<2	4.20	<0.5	28	58	41	6.20	10
H449660	7.59	0.01	1.4	6.68	26	720	0.8	3	4.76	<0.5	31	66	39	7.20	20
H449661	3.99	0.01	<0.5	7.23	39	580	0.6	<2	4.51	<0.5	37	72	98	8.00	10
H449662	5.23	<0.01	3.2	4.93	29	600	0.6	10	3.33	<0.5	24	67	26	5.54	10
H449663	5.84	0.01	3.0	4.23	18	450	0.5	14	3.57	<0.5	22	58	32	5.30	10
H449664	2.05	<0.01	1.1	7.06	20	620	0.6	9	2.16	<0.5	35	81	13	7.90	20
H449665	4.74	<0.01	<0.5	7.51	8	20	<0.5	<2	5.94	<0.5	36	73	102	8.32	10
H449666	2.76	<0.01	<0.5	7.49	7	20	<0.5	<2	6.17	<0.5	36	74	75	8.24	10
H449667	3.86	<0.01	<0.5	7.62	9	60	<0.5	<2	5.99	<0.5	38	73	72	8.27	10
H449668	2.01	<0.01	<0.5	8.00	11	50	<0.5	<2	5.75	<0.5	41	81	104	8.18	10

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CERTIFICATE OF ANALYSIS TB09087266

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
H449632		1.46	10	0.01	305	<1	3.30	1	140	17	0.19	<5	<1	46	<20	<0.01
H449633		1.38	<10	0.01	287	<1	2.98	<1	140	9	0.15	<5	<1	44	<20	<0.01
H449634		2.83	10	0.01	226	<1	2.98	1	170	18	0.05	<5	<1	44	<20	<0.01
H449635		2.64	10	0.01	77	<1	2.83	<1	160	66	0.16	<5	<1	50	<20	<0.01
H449636		2.47	10	0.02	269	<1	2.57	2	170	19	0.15	<5	<1	24	<20	<0.01
H449637		1.53	<10	0.02	116	<1	0.88	<1	110	16	0.06	<5	<1	7	<20	<0.01
H449638		1.85	10	0.01	167	<1	3.18	<1	150	15	0.05	<5	<1	39	<20	<0.01
H449639		2.42	<10	0.02	249	<1	2.64	1	170	17	0.08	<5	<1	32	<20	<0.01
H449640		2.46	10	0.03	230	6	2.27	2	170	23	0.08	<5	<1	35	<20	<0.01
H449641		2.32	10	0.01	128	<1	2.06	<1	160	109	0.13	<5	<1	33	<20	<0.01
H449642		1.52	<10	0.02	58	1	0.79	<1	90	272	0.19	<5	<1	12	<20	<0.01
H449643		2.31	10	0.03	186	<1	2.01	<1	170	38	0.07	<5	<1	20	<20	<0.01
H449644		2.72	10	0.01	146	<1	3.08	<1	190	17	0.13	<5	<1	43	<20	<0.01
H449645		2.04	<10	0.03	78	<1	0.24	2	110	7	0.02	<5	<1	5	<20	<0.01
H449646		2.31	<10	0.04	80	<1	0.33	2	120	5	0.05	<5	<1	7	<20	<0.01
H449647		2.27	10	0.02	68	<1	1.29	1	130	39	0.13	<5	<1	22	<20	<0.01
H449648		2.25	<10	0.02	74	<1	0.69	<1	120	5	0.04	<5	<1	12	<20	<0.01
H449649		2.34	<10	0.02	98	<1	1.72	<1	140	11	0.12	<5	<1	29	<20	<0.01
H449650		2.82	10	0.01	480	<1	2.90	1	180	12	0.19	<5	<1	30	<20	<0.01
H449651		2.07	10	0.01	230	<1	1.88	<1	140	5	0.06	<5	<1	17	<20	<0.01
H449652		2.76	10	0.01	298	<1	2.90	2	170	15	0.14	<5	<1	35	<20	<0.01
H449653		2.81	10	0.01	302	<1	2.79	1	160	14	0.10	<5	<1	36	<20	<0.01
H449654		2.54	10	0.01	384	<1	2.35	1	150	16	0.16	<5	<1	27	<20	<0.01
H449655		2.81	10	0.01	188	1	2.83	1	180	19	0.17	<5	<1	43	<20	<0.01
H449656		2.84	10	0.02	341	<1	2.02	2	160	13	0.14	<5	<1	33	<20	<0.01
H449657		2.95	10	0.02	197	<1	2.23	1	160	8	0.17	<5	<1	38	<20	<0.01
H449658		2.97	10	0.01	329	<1	2.98	1	180	14	0.14	<5	<1	40	<20	<0.01
H449659		2.29	<10	2.12	1615	<1	0.13	45	330	<2	0.06	<5	32	48	<20	0.53
H449660		2.52	<10	2.47	1855	2	0.33	49	350	<2	0.07	<5	37	72	<20	0.63
H449661		2.13	<10	2.91	1730	<1	0.64	55	390	<2	0.06	<5	42	61	<20	0.71
H449662		2.19	<10	1.66	1640	<1	0.07	37	290	14	0.05	<5	28	45	<20	0.47
H449663		1.70	<10	1.54	1755	1	0.10	35	290	4	0.08	<5	24	46	<20	0.40
H449664		1.87	<10	2.49	1470	1	0.06	57	400	<2	0.03	<5	43	23	<20	0.73
H449665		0.08	<10	3.41	1490	<1	1.39	55	440	<2	0.08	<5	45	128	<20	0.74
H449666		0.08	<10	3.22	1480	<1	1.19	55	450	<2	0.04	<5	46	135	<20	0.76
H449667		0.22	<10	3.35	1595	<1	1.81	58	430	<2	0.05	<5	45	110	<20	0.74
H449668		0.17	<10	3.25	1465	<1	1.90	61	460	<2	0.07	<5	47	122	<20	0.80

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

Finalized Date: 1-SEP-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09087266

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H449632		<10	20	1	<10	199
H449633		<10	20	1	<10	205
H449634		<10	20	<1	<10	25
H449635		<10	20	1	<10	93
H449636		<10	20	1	<10	47
H449637		<10	10	1	<10	21
H449638		<10	20	1	<10	14
H449639		<10	20	1	<10	17
H449640		<10	10	4	<10	58
H449641		<10	10	1	<10	45
H449642		<10	10	2	<10	1255
H449643		<10	10	1	<10	47
H449644		<10	20	<1	<10	21
H449645		<10	<10	4	<10	14
H449646		<10	<10	3	10	19
H449647		<10	<10	1	<10	114
H449648		<10	<10	2	<10	13
H449649		<10	10	1	<10	51
H449650		<10	10	<1	<10	31
H449651		<10	10	1	<10	19
H449652		<10	20	<1	<10	49
H449653		<10	20	<1	<10	48
H449654		<10	10	<1	<10	25
H449655		<10	10	<1	<10	73
H449656		<10	10	<1	<10	32
H449657		<10	10	1	<10	30
H449658		<10	10	<1	<10	22
H449659		<10	<10	238	10	94
H449660		<10	<10	283	40	124
H449661		<10	<10	323	10	101
H449662		<10	<10	206	10	88
H449663		<10	<10	177	80	88
H449664		<10	<10	300	10	143
H449665		<10	<10	341	<10	111
H449666		<10	<10	345	<10	108
H449667		<10	<10	340	<10	109
H449668		<10	<10	366	<10	110

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

INVOICE NUMBER 1948592

BILLING INFORMATION

Certificate:	**TB09087635**
Sample Type:	**Channel**
Account:	**PJV**
Date:	**1-SEP-2009**
Project:	ST. ANTHONY CHANNEL SAMPLES
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE	- DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	27.00	27.00
25	PREP-31	Crush, Split, Pulverize	6.08	152.00
122.17	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	72.08
25	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	335.75
25	ME-ICP61	33 element four acid ICP-AES	5.93	148.25
25	GEO-4ACID	Four acid "near total" dig	4.20	105.00

SUBTOTAL (CAD)	$	840.08
R100938885 GST	$	42.00
TOTAL PAYABLE (CAD)	**$**	**882.08**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

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ALS Canada Ltd.
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To: **PACIFIC IRON ORE CORPORATION**
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 1-SEP-2009
Account: PJV

CERTIFICATE TB09087635

Project: ST. ANTHONY CHANNEL SAMPLES

P.O. No.:

This report is for 25 Channel samples submitted to our lab in Thunder Bay, ON, Canada on 20-AUG-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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

Finalized Date: 1-SEP-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09087635

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H449701		6.56	<0.01	0.5	7.30	8	50	<0.5	<2	4.88	<0.5	41	96	121	8.84	10
H449702		5.11	<0.01	<0.5	7.80	8	70	<0.5	<2	4.20	<0.5	43	107	117	9.06	10
H449703		3.84	2.84	<0.5	2.88	26	220	0.6	<2	2.83	<0.5	13	67	23	3.84	<10
H449704		3.62	8.00	0.5	5.08	29	390	1.0	<2	3.35	<0.5	35	110	32	6.31	10
H449705		2.54	0.65	<0.5	6.17	31	370	1.1	<2	3.58	<0.5	34	103	50	7.71	10
H449706		3.39	3.56	0.5	4.53	28	380	1.0	<2	3.64	<0.5	28	71	18	5.60	10
H449707		2.15	17.80	1.6	6.68	77	240	1.7	<2	4.57	<0.5	58	96	22	9.55	10
H449708		3.77	0.22	<0.5	6.95	<5	90	<0.5	<2	5.32	<0.5	34	150	79	7.08	10
H449709		3.49	0.34	<0.5	4.52	7	140	0.5	<2	3.24	<0.5	22	103	43	4.77	10
H449710		5.96	0.02	<0.5	6.47	8	510	1.5	2	0.48	<0.5	<1	12	13	1.05	10
H449711		5.57	0.04	<0.5	6.78	7	490	1.4	3	0.36	<0.5	<1	11	4	0.87	10
H449712		4.89	0.08	0.5	6.31	12	440	1.4	3	0.26	<0.5	<1	12	8	0.99	10
H449713		5.46	0.07	0.7	6.49	11	510	1.3	3	0.27	<0.5	<1	14	6	1.08	10
H449714		4.84	0.09	<0.5	5.74	6	400	1.1	<2	0.19	<0.5	<1	13	1	0.90	10
H449715		6.72	0.07	1.1	5.76	<5	460	1.1	<2	0.27	<0.5	1	12	3	0.82	10
H449716		5.74	0.10	<0.5	6.14	<5	460	1.1	<2	0.23	<0.5	<1	13	2	1.03	10
H449717		7.06	0.05	<0.5	5.97	5	500	1.1	<2	0.24	<0.5	<1	12	2	0.90	10
H449718		5.88	0.06	<0.5	5.99	<5	480	1.1	<2	0.25	<0.5	<1	12	4	0.93	10
H449719		4.91	0.03	<0.5	6.05	<5	520	1.2	<2	0.24	<0.5	<1	14	1	0.89	10
H449720		6.46	0.06	<0.5	6.04	<5	480	1.1	<2	0.31	<0.5	<1	11	1	0.99	10
H449721		5.32	0.09	<0.5	6.16	8	410	1.1	<2	0.27	<0.5	1	19	5	1.14	20
H449722		2.31	0.02	<0.5	6.40	<5	480	1.3	<2	0.22	<0.5	<1	14	3	1.25	20
H449723		5.10	0.20	<0.5	5.98	<5	460	1.2	<2	0.25	<0.5	<1	15	4	1.11	10
H449724		6.22	0.16	<0.5	7.08	<5	560	1.3	<2	0.20	<0.5	1	10	<1	0.92	20
H449725		5.26	0.04	<0.5	6.34	<5	530	1.2	<2	0.18	<0.5	<1	12	1	1.08	10

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

Finalized Date: 1-SEP-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09087635

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
H449701		0.56	<10	3.57	1495	<1	1.39	84	340	2	0.12	<5	38	86	<20	0.56
H449702		0.61	<10	2.95	1465	<1	1.38	90	340	<2	0.08	<5	41	82	<20	0.61
H449703		1.45	<10	0.90	1585	<1	0.05	29	40	<2	1.13	<5	14	48	<20	0.19
H449704		2.70	<10	1.51	2820	1	0.07	63	210	<2	2.09	<5	27	64	<20	0.32
H449705		3.30	<10	1.65	2100	<1	0.08	73	450	<2	1.86	<5	34	59	<20	0.46
H449706		2.34	<10	1.10	3180	<1	0.06	51	220	2	2.16	<5	23	59	<20	0.30
H449707		3.67	<10	1.46	4540	<1	0.09	99	100	10	5.42	<5	37	90	<20	0.46
H449708		1.98	<10	2.89	1290	1	0.52	73	300	<2	0.21	<5	35	62	<20	0.52
H449709		2.38	<10	1.52	1845	<1	0.07	46	180	<2	0.25	<5	22	41	<20	0.33
H449710		1.38	10	0.03	389	<1	3.51	1	130	4	0.38	<5	1	81	<20	0.01
H449711		1.23	10	0.03	349	<1	4.04	<1	140	4	0.19	<5	1	88	<20	0.01
H449712		1.30	10	0.02	264	<1	3.67	1	130	6	0.32	<5	<1	80	<20	0.01
H449713		1.62	10	0.02	261	<1	3.42	<1	130	9	0.49	<5	<1	80	<20	0.01
H449714		1.28	10	0.02	233	<1	3.24	2	140	13	0.26	<5	<1	50	<20	0.01
H449715		1.50	10	0.02	238	<1	3.14	<1	130	35	0.33	<5	<1	63	<20	0.01
H449716		1.36	10	0.02	302	<1	3.47	1	120	11	0.34	<5	<1	67	<20	0.01
H449717		1.46	10	0.02	298	<1	3.57	1	130	12	0.28	<5	<1	72	<20	0.01
H449718		1.32	10	0.02	281	<1	3.65	<1	130	10	0.21	<5	<1	73	<20	<0.01
H449719		1.54	10	0.02	319	<1	3.22	2	140	14	0.26	<5	<1	78	<20	0.01
H449720		1.47	10	0.02	381	<1	3.18	<1	130	11	0.44	<5	<1	74	<20	0.01
H449721		1.34	10	0.03	426	<1	3.18	3	110	7	0.58	<5	1	59	<20	0.01
H449722		1.49	10	0.03	446	<1	3.20	1	120	9	0.52	<5	<1	67	<20	0.01
H449723		1.43	10	0.02	372	<1	3.06	<1	110	9	0.39	<5	<1	72	<20	0.01
H449724		1.77	10	0.04	500	<1	3.22	<1	140	7	0.20	<5	<1	35	<20	0.01
H449725		1.55	10	0.05	429	<1	2.92	1	140	7	0.43	<5	<1	40	<20	0.01

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

Finalized Date: 1-SEP-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09087635

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H449701		<10	<10	282	<10	101
H449702		<10	<10	300	<10	113
H449703		<10	<10	110	10	21
H449704		<10	<10	181	10	69
H449705		<10	<10	236	160	92
H449706		<10	<10	162	10	44
H449707		<10	<10	255	20	59
H449708		<10	<10	274	<10	61
H449709		<10	<10	167	<10	39
H449710		<10	20	1	<10	42
H449711		<10	20	3	<10	20
H449712		<10	20	2	<10	31
H449713		<10	20	2	<10	34
H449714		<10	20	11	<10	41
H449715		<10	20	1	<10	35
H449716		<10	20	2	<10	46
H449717		<10	20	1	<10	51
H449718		<10	20	2	<10	30
H449719		<10	20	1	<10	46
H449720		<10	20	1	<10	35
H449721		<10	20	3	<10	29
H449722		<10	20	2	<10	23
H449723		<10	20	1	<10	73
H449724		<10	20	4	<10	17
H449725		<10	20	3	<10	20

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

INVOICE NUMBER 1950187

BILLING INFORMATION

Certificate:	**TB09088864**
Sample Type:	**Channel**
Account:	**PJV**
Date:	**5-SEP-2009**
Project:	ST. ANTHONY CHANNEL SAMPLES
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
54	PREP-31	Crush, Split, Pulverize	6.08	328.32
280.48	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	165.48
54	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	725.22
54	ME-ICP61	33 element four acid ICP-AES	5.93	320.22
54	GEO-4ACID	Four acid "near total" dig	4.20	226.80

SUBTOTAL (CAD)	$	1,766.04
R100938885 GST	$	88.30
TOTAL PAYABLE (CAD)	**$**	**1,854.34**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
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To: **PACIFIC IRON ORE CORPORATION**
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 5-SEP-2009
Account: PJV

CERTIFICATE TB09088864

Project: ST. ANTHONY CHANNEL SAMPLES

P.O. No.:

This report is for 54 Channel samples submitted to our lab in Thunder Bay, ON, Canada on 24-AUG-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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North Vancouver BC V7H 0A7
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To: **PACIFIC IRON ORE CORPORATION**
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 5-SEP-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09088864

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H449726		4.46	0.04	<0.5	6.62	8	520	1.3	<2	0.37	<0.5	1	6	7	1.24	10
H449727		4.97	0.12	<0.5	6.29	6	470	1.3	<2	0.45	<0.5	2	7	9	0.96	20
H449728		5.14	0.14	0.6	6.25	15	450	1.2	<2	0.35	<0.5	2	9	6	1.14	10
H449729		4.62	0.08	<0.5	6.54	9	490	1.3	3	0.49	<0.5	1	8	9	1.13	20
H449730		5.92	0.04	1.7	6.47	14	540	1.1	3	0.35	<0.5	2	9	4	1.06	10
H449731		4.94	0.05	<0.5	6.80	11	640	1.6	<2	0.37	<0.5	<1	5	2	1.23	20
H449732		6.01	0.02	<0.5	6.53	<5	480	1.2	<2	0.30	<0.5	1	11	2	0.96	20
H449733		3.57	0.07	0.6	6.66	10	470	1.2	<2	0.29	<0.5	1	10	5	1.29	10
H449734		3.95	0.04	<0.5	6.59	9	420	1.2	<2	0.35	<0.5	2	7	1	1.30	10
H449735		5.91	0.11	0.8	6.39	17	440	1.2	<2	0.44	<0.5	2	6	4	1.20	10
H449736		5.33	0.13	0.9	5.96	12	390	1.0	<2	0.40	<0.5	1	7	8	1.18	10
H449737		3.64	0.02	1.1	6.32	21	420	1.2	<2	0.40	<0.5	1	6	2	1.14	20
H449738		5.18	0.05	<0.5	5.89	12	460	1.1	<2	0.45	<0.5	2	6	4	1.23	10
H449739		3.42	0.03	0.6	6.16	5	460	1.1	<2	0.37	<0.5	1	7	4	1.13	10
H449740		4.84	0.07	1.1	6.34	17	470	2.4	<2	0.47	<0.5	<1	9	4	1.22	10
H449741		4.49	0.06	0.6	6.38	11	500	1.3	<2	0.50	<0.5	1	7	5	1.20	20
H449742		4.49	0.14	1.3	6.39	22	410	1.2	<2	0.38	<0.5	1	12	5	1.29	20
H449743		4.70	0.11	1.2	6.35	15	390	1.2	<2	0.36	<0.5	<1	5	3	1.23	20
H449744		4.67	0.27	0.8	6.55	15	520	1.2	<2	0.30	<0.5	<1	8	2	1.17	20
H449745		6.28	0.02	<0.5	6.16	12	470	1.0	<2	0.32	<0.5	<1	5	3	0.88	20
H449746		3.71	0.07	0.6	6.67	9	520	1.3	<2	0.24	<0.5	2	6	5	0.98	20
H449747		5.84	0.06	0.7	6.12	13	390	1.2	4	0.29	<0.5	1	7	10	0.95	20
H449748		5.04	0.15	<0.5	6.06	16	440	1.1	<2	0.29	<0.5	<1	9	5	1.13	20
H449749		4.50	0.12	<0.5	6.15	6	420	1.1	<2	0.38	<0.5	2	8	5	0.95	10
H449750		4.42	0.03	0.5	6.94	9	470	1.3	<2	0.64	<0.5	1	6	6	0.67	10
H449751		3.91	0.01	<0.5	7.24	<5	600	1.5	<2	0.40	<0.5	1	7	1	0.55	20
H449752		4.71	0.02	0.7	6.59	5	530	1.4	<2	0.40	<0.5	<1	7	1	1.12	20
H449753		3.11	<0.01	<0.5	6.33	10	270	0.9	<2	0.08	<0.5	1	6	3	0.70	20
H449754		7.20	<0.01	0.7	6.55	5	260	1.0	<2	0.10	<0.5	1	9	6	0.78	20
H449755		6.64	0.01	<0.5	7.08	<5	320	1.0	3	0.09	<0.5	1	7	6	0.83	20
H449756		7.62	0.02	<0.5	6.75	<5	300	0.9	<2	0.09	<0.5	<1	7	4	0.87	20
H449757		6.53	0.03	<0.5	6.29	<5	280	0.9	<2	0.08	<0.5	1	5	1	0.78	20
H449758		5.89	0.24	0.5	6.43	10	270	1.0	<2	0.07	<0.5	1	5	2	0.83	20
H449759		5.14	2.77	3.6	5.22	<5	290	0.8	7	0.04	<0.5	<1	8	1	0.80	10
H449760		5.08	<0.01	<0.5	6.73	<5	430	1.2	<2	0.12	<0.5	2	8	<1	0.83	20
H449761		6.05	0.12	<0.5	6.91	<5	430	1.3	<2	0.05	<0.5	1	8	10	0.82	20
H449762		6.00	0.01	0.9	5.76	<5	380	1.2	<2	0.04	<0.5	1	9	<1	0.75	20
H449763		6.53	0.02	<0.5	6.17	8	410	1.2	<2	0.06	<0.5	<1	9	<1	0.88	20
H449764		6.10	0.05	<0.5	5.08	<5	340	0.9	<2	0.04	<0.5	<1	10	<1	0.83	20
H449765		5.06	0.01	<0.5	6.63	<5	510	1.3	<2	0.09	<0.5	<1	7	2	0.93	20

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To: PACIFIC IRON ORE CORPORATION
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 5-SEP-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09088864

Sample Description	Method Analyte Units LOR	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01
H449726		1.55	10	0.04	439	<1	3.33	1	120	9	0.33	<5	1	95	<20	0.01
H449727		1.31	10	0.03	376	<1	3.51	<1	100	11	0.31	<5	1	86	<20	0.01
H449728		1.42	10	0.03	433	<1	3.25	1	120	8	0.46	<5	<1	76	<20	0.01
H449729		1.50	10	0.03	453	<1	3.40	3	110	11	0.41	<5	1	97	<20	0.01
H449730		1.53	10	0.03	339	<1	3.40	<1	120	14	0.31	<5	<1	94	<20	0.01
H449731		2.11	20	0.09	706	<1	2.26	1	140	2	0.38	8	1	38	<20	0.05
H449732		1.44	10	0.04	441	<1	3.40	1	110	6	0.26	<5	<1	81	<20	0.01
H449733		1.65	10	0.03	431	<1	3.18	3	110	12	0.25	<5	<1	90	<20	0.01
H449734		1.64	10	0.03	612	<1	3.09	1	100	9	0.56	<5	<1	58	<20	0.01
H449735		1.51	10	0.02	569	<1	3.25	<1	110	10	0.43	5	<1	63	<20	0.01
H449736		1.38	10	0.02	399	1	3.21	1	100	12	0.49	6	<1	65	<20	<0.01
H449737		1.45	10	0.02	470	<1	3.04	1	100	10	0.61	<5	<1	56	<20	<0.01
H449738		1.42	10	0.02	444	<1	3.09	2	100	8	0.34	<5	<1	64	<20	<0.01
H449739		1.51	10	0.02	454	<1	3.22	<1	100	11	0.57	13	<1	67	<20	<0.01
H449740		1.51	10	0.02	525	<1	3.22	<1	100	10	0.42	<5	<1	76	<20	<0.01
H449741		1.53	10	0.02	627	<1	3.29	<1	110	10	0.28	<5	<1	76	<20	0.01
H449742		1.49	10	0.03	454	<1	3.07	2	110	6	0.55	8	<1	59	<20	0.01
H449743		1.42	10	0.03	442	<1	3.16	<1	110	7	0.63	10	<1	56	<20	0.01
H449744		1.64	10	0.02	377	<1	3.05	1	110	10	0.50	5	<1	60	<20	<0.01
H449745		1.46	10	0.02	420	<1	3.28	<1	110	4	0.35	<5	<1	42	<20	<0.01
H449746		1.49	10	0.03	311	<1	3.27	2	130	16	0.33	<5	<1	49	<20	<0.01
H449747		1.09	10	0.03	225	<1	3.47	1	110	12	0.33	<5	1	60	<20	0.01
H449748		1.44	10	0.02	324	<1	2.74	<1	100	15	0.44	<5	<1	46	<20	<0.01
H449749		1.31	10	0.02	316	<1	3.06	<1	110	8	0.41	7	<1	54	<20	<0.01
H449750		1.31	10	0.03	464	<1	3.86	<1	120	9	0.16	7	1	81	<20	0.01
H449751		2.03	10	0.03	543	<1	2.52	2	130	4	<0.01	<5	<1	53	<20	<0.01
H449752		1.89	10	0.03	483	<1	2.18	1	120	7	0.32	<5	<1	44	<20	<0.01
H449753		2.17	10	0.01	168	<1	2.64	2	160	9	0.11	5	1	40	<20	<0.01
H449754		2.30	10	0.01	362	<1	2.78	1	160	12	0.13	<5	1	34	<20	<0.01
H449755		2.41	10	0.01	272	<1	3.12	<1	170	18	0.26	<5	1	42	<20	<0.01
H449756		2.56	10	0.01	219	<1	2.92	<1	170	19	0.16	<5	1	41	<20	<0.01
H449757		2.40	10	0.01	236	<1	2.69	<1	150	17	0.25	<5	1	40	<20	<0.01
H449758		1.60	10	0.01	265	<1	2.70	<1	150	12	0.12	<5	1	26	<20	<0.01
H449759		1.48	10	0.01	109	<1	1.73	2	130	83	0.07	<5	<1	13	<20	<0.01
H449760		2.13	10	0.02	349	<1	1.92	1	140	10	0.08	<5	1	12	<20	<0.01
H449761		2.31	10	0.02	215	<1	1.98	1	160	19	0.13	<5	1	16	<20	<0.01
H449762		2.09	10	0.02	247	1	1.29	2	130	22	0.08	<5	<1	14	<20	<0.01
H449763		2.35	10	0.02	193	<1	1.75	<1	150	22	0.16	<5	1	26	<20	<0.01
H449764		1.86	10	0.02	174	2	1.54	<1	110	16	0.13	<5	<1	22	<20	<0.01
H449765		3.21	10	0.01	299	<1	1.13	1	150	20	0.17	<5	1	27	<20	<0.01

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KENORA ON P9N 2K2

Finalized Date: 5-SEP-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09088864

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H449726		<10	20	<1	10	54
H449727		<10	20	1	<10	38
H449728		<10	10	1	<10	38
H449729		<10	10	1	<10	54
H449730		<10	20	<1	<10	49
H449731		<10	10	4	10	28
H449732		<10	20	<1	<10	30
H449733		<10	20	2	10	73
H449734		<10	20	1	<10	88
H449735		<10	10	1	<10	95
H449736		<10	10	3	<10	61
H449737		<10	10	4	<10	48
H449738		<10	10	3	<10	55
H449739		<10	10	2	<10	42
H449740		<10	20	8	<10	77
H449741		<10	10	3	<10	83
H449742		<10	10	6	10	53
H449743		<10	10	8	10	59
H449744		10	10	5	<10	54
H449745		<10	20	2	<10	46
H449746		<10	20	2	<10	27
H449747		<10	20	3	<10	20
H449748		<10	10	1	<10	47
H449749		<10	20	1	<10	38
H449750		<10	10	3	<10	12
H449751		<10	10	2	10	13
H449752		<10	10	1	10	17
H449753		<10	10	<1	<10	16
H449754		<10	20	<1	<10	16
H449755		<10	10	<1	10	15
H449756		<10	10	1	<10	24
H449757		<10	10	1	<10	36
H449758		<10	10	<1	<10	80
H449759		<10	10	<1	<10	138
H449760		<10	10	<1	<10	47
H449761		<10	10	1	<10	43
H449762		<10	10	1	<10	50
H449763		10	10	1	<10	39
H449764		<10	10	1	<10	47
H449765		<10	10	<1	<10	83

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CERTIFICATE OF ANALYSIS TB09088864

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
H449766		4.81	1.51	4.7	4.14	9	330	0.8	7	0.03	1.0	2	16	2	0.87	10
H449767		3.64	0.09	<0.5	2.53	14	230	0.6	<2	0.01	<0.5	1	22	2	0.61	10
H449768		5.83	0.01	<0.5	0.36	<5	40	<0.5	4	<0.01	<0.5	1	21	<1	0.51	<10
H449769		4.80	0.62	0.7	3.88	<5	390	1.0	<2	0.01	<0.5	<1	14	1	0.86	10
H449770		5.32	0.05	<0.5	4.23	<5	380	1.0	<2	0.02	<0.5	3	32	2	0.84	10
H449771		5.36	0.18	1.5	4.76	<5	460	1.2	<2	0.01	<0.5	1	17	4	0.89	20
H449772		4.08	1.84	<0.5	1.97	<5	200	0.5	<2	<0.01	<0.5	1	24	2	0.52	10
H449773		3.47	21.6	7.8	1.91	<5	200	0.5	11	0.01	1.4	1	15	1	0.69	<10
H449774		4.48	0.06	3.8	4.36	<5	390	0.9	4	0.08	0.7	1	16	1	0.65	10
H449775		4.81	0.02	<0.5	4.25	<5	350	0.9	<2	0.03	<0.5	1	17	2	0.77	20
H449776		7.06	1.06	0.8	4.46	5	360	0.9	<2	0.04	1.4	<1	12	<1	0.67	10
H449777		7.87	0.02	<0.5	2.02	<5	180	<0.5	<2	0.02	<0.5	<1	32	1	0.58	10
H449778		7.80	<0.01	<0.5	7.21	6	590	1.6	<2	0.20	<0.5	1	9	<1	0.89	20
H449779		5.44	0.03	2.9	6.19	<5	290	1.0	<2	0.16	<0.5	2	11	<1	0.85	20

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CERTIFICATE OF ANALYSIS TB09088864

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
H449766		1.85	10	0.01	109	<1	0.81	6	90	23	0.11	<5	<1	13	<20	<0.01
H449767		1.18	<10	0.01	48	10	0.15	5	40	4	0.07	<5	<1	3	<20	<0.01
H449768		0.17	<10	<0.01	42	5	0.02	1	10	16	0.03	<5	<1	<1	<20	<0.01
H449769		1.83	<10	0.02	69	2	0.19	2	80	24	0.18	<5	<1	4	<20	<0.01
H449770		1.85	10	0.02	86	1	0.61	1	100	35	0.09	<5	<1	8	<20	<0.01
H449771		2.29	<10	0.03	66	<1	0.37	3	100	14	0.15	<5	<1	7	<20	<0.01
H449772		0.94	10	0.01	42	<1	0.03	2	40	7	0.04	<5	<1	1	<20	<0.01
H449773		0.91	<10	0.01	60	2	0.02	2	40	215	0.06	<5	<1	1	<20	<0.01
H449774		1.82	10	0.02	197	<1	1.07	2	100	96	0.15	<5	<1	19	<20	<0.01
H449775		1.72	10	0.02	102	<1	0.82	2	90	12	0.09	<5	<1	10	<20	<0.01
H449776		1.58	<10	0.01	156	<1	1.24	2	90	26	0.14	<5	<1	15	<20	<0.01
H449777		0.76	<10	0.01	54	<1	0.66	1	50	12	0.09	<5	<1	11	<20	<0.01
H449778		2.77	10	0.05	492	<1	1.54	2	160	18	0.12	<5	1	19	<20	0.02
H449779		1.72	10	0.02	375	1	2.09	1	130	64	0.11	<5	<1	13	<20	<0.01

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

Finalized Date: 5-SEP-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09088864

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	ppm
	LOR	10	10	1	10	2
H449766		10	10	<1	<10	280
H449767		<10	10	1	<10	30
H449768		<10	<10	<1	<10	3
H449769		<10	<10	1	<10	46
H449770		<10	10	2	<10	45
H449771		<10	10	1	<10	118
H449772		<10	<10	1	<10	8
H449773		<10	<10	<1	<10	406
H449774		<10	10	1	<10	261
H449775		<10	10	1	<10	108
H449776		<10	10	1	<10	466
H449777		<10	10	<1	<10	117
H449778		<10	10	4	<10	87
H449779		<10	10	1	<10	53

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

INVOICE NUMBER 1935709

BILLING INFORMATION

Certificate:	**TB09072206**
Sample Type:	**Channel**
Account:	**PJV**
Date:	**28-JUL-2009**
Project:	ST. ANTHONY ROCK CHANNEL MV
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
3	PREP-31	Crush, Split, Pulverize	6.08	18.24
13.62	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	8.04
3	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	40.29
3	ME-ICP61	33 element four acid ICP-AES	5.93	17.79
3	GEO-4ACID	Four acid "near total" dig	4.20	12.60

SUBTOTAL (CAD)	$	96.96
R100938885 GST	$	4.85
TOTAL PAYABLE (CAD)	**$**	**101.81**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
212 Brooksbank Avenue
North Vancouver BC V7J 2C1

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ALS Canada Ltd.
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North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 28-JUL-2009
Account: PJV

CERTIFICATE TB09072206

Project: ST. ANTHONY ROCK CHANNEL MV

P.O. No.:

This report is for 3 Channel samples submitted to our lab in Thunder Bay, ON, Canada on 16-JUL-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC

SAMPLE PREPARATION

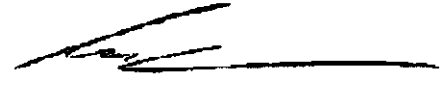
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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To: **PACIFIC IRON ORE CORPORATION**
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Finalized Date: 28-JUL-2009
Account: PJV

Project: ST. ANTHONY ROCK CHANNEL MV

CERTIFICATE OF ANALYSIS TB09072206

Sample Description	Method	WEI-21	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
C141501		4.67	0.01	<0.5	7.21	<5	50	<0.5	<2	4.83	<0.5	43	97	75	8.47	20
C141502		6.19	<0.01	<0.5	7.33	<5	40	<0.5	<2	6.11	<0.5	40	99	82	8.98	20
C141503		2.76	0.01	<0.5	7.46	<5	20	<0.5	<2	6.77	<0.5	44	98	169	9.15	20

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To: PACIFIC IRON ORE CORPORATION
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 28-JUL-2009
Account: PJV

Project: ST. ANTHONY ROCK CHANNEL MV

CERTIFICATE OF ANALYSIS TB09072206

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
C141501		0.57	10	2.90	1565	4	1.46	86	320	3	0.04	<5	37	84	<20	0.54
C141502		0.36	10	3.11	1670	<1	1.12	82	320	<2	0.03	<5	38	121	<20	0.56
C141503		0.15	10	2.91	1625	<1	1.08	85	320	<2	0.11	<5	40	117	<20	0.57

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To: **PACIFIC IRON ORE CORPORATION**
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KENORA ON P9N 2K2

Finalized Date: 28-JUL-2009
Account: PJV

Project: ST. ANTHONY ROCK CHANNEL MV

CERTIFICATE OF ANALYSIS TB09072206

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
C141501		<10	10	270	<10	102
C141502		<10	10	280	<10	101
C141503		<10	<10	286	<10	103

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

INVOICE NUMBER 1944672

BILLING INFORMATION

Certificate:	**TB09083464**
Sample Type:	**Crushed Rock**
Account:	**PJV**
Date:	**24-AUG-2009**
Project:	ST. ANTHONY CHANNEL Au-SCR21
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1

Comments: AS PER EMAIL/PHONE CONVERSATION FROM AL MOWAT AUGUST 11, 2009

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	27.00	27.00
81	PREP-31	Crush, Split, Pulverize	6.08	492.48
325.70	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	192.16
81	Au-SCR21	Au Screen Fire Assay - 100 um	11.36	920.16
81	Au-AA25	Ore Grade Au 30g FA AA finish	11.36	920.16
81	Au-AA25D	Ore Grade Au 30g FA AA Dup	11.36	920.16
81	SCR-21	Screen to -100 um	3.79	306.99

SUBTOTAL (CAD)	$	3,779.11
R100938885 GST	$	188.96
TOTAL PAYABLE (CAD)	**$**	**3,968.07**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

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

Finalized Date: 24-AUG-2009
Account: PJV

CERTIFICATE TB09083464

Project: ST. ANTHONY CHANNEL Au-SCR21

P.O. No.:

This report is for 81 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 11-AUG-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	ERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
FND-03	Find Reject for Addn Analysis
SCR-21	Screen to -100 um
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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To: **PACIFIC IRON ORE CORPORATION**
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Finalized Date: 24-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL Au-SCR21

CERTIFICATE OF ANALYSIS TB09083464

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
H447001		4.15	0.27	2.88	0.18	0.097	33.68	996.3	0.15	0.21
H447002		3.15	4.08	47.2	2.61	1.334	28.24	826.8	2.47	2.75
H447003		4.82	0.43	5.05	0.18	0.239	47.36	887.6	0.24	0.12
H447004		3.34	0.58	8.06	0.38	0.225	27.92	1012.0	0.36	0.39
H447005		3.24	<0.05	0.12	<0.05	0.006	50.79	754.2	0.03	0.03
H447006		5.61	<0.05	<0.05	<0.05	<0.001	47.97	767.0	<0.01	0.01
H447007		2.65	3.03	20.5	2.11	0.976	47.59	902.4	1.91	2.30
H447008		6.11	1.37	8.12	0.87	0.547	67.38	902.6	0.94	0.79
H447009		4.61	0.25	1.82	0.18	0.085	46.74	928.3	0.17	0.18
H447010		5.71	0.74	5.15	0.41	0.318	61.77	823.2	0.43	0.38
H447011		6.12	0.20	1.01	0.14	0.061	60.25	854.8	0.14	0.14
H447012		5.71	<0.05	<0.05	<0.05	<0.001	54.39	865.6	0.04	0.02
H447013		2.02	0.05	0.31	<0.05	0.017	55.12	924.9	0.06	0.01
H447014		3.09	0.10	0.06	0.11	0.003	47.16	932.8	0.11	0.10
H447015		4.93	<0.05	0.19	<0.05	0.011	58.91	941.1	0.02	0.02
H447016		1.79	0.26	1.97	0.15	0.119	60.44	879.6	0.15	0.14
H447017		3.30	0.11	0.67	0.08	0.038	56.78	908.2	0.06	0.09
H447018		3.25	1.78	16.50	0.96	0.868	52.67	942.3	1.02	0.89
H447019		2.91	0.07	1.15	<0.05	0.051	44.28	935.7	0.02	0.01
H447020		2.09	3.51	27.0	2.36	1.257	46.50	943.5	2.68	2.03
H447021		3.56	0.09	0.37	0.08	0.017	45.97	919.0	0.10	0.06
H447022		5.58	0.07	<0.05	0.07	<0.001	48.14	916.9	0.08	0.06
H447023		4.29	<0.05	<0.05	0.05	<0.001	47.40	877.6	0.06	0.03
H447024		2.99	<0.05	<0.05	<0.05	<0.001	41.81	893.2	0.04	0.02
H447025		5.46	0.06	0.09	0.06	0.005	56.08	868.9	0.05	0.06
H447026		4.12	<0.05	<0.05	<0.05	<0.001	49.04	861.0	0.01	0.01
H447027		4.91	<0.05	<0.05	<0.05	<0.001	56.12	918.9	0.02	0.01
H447028		4.16	<0.05	<0.05	<0.05	<0.001	55.11	869.9	0.01	0.01
H447029		5.09	<0.05	<0.05	<0.05	<0.001	56.82	908.2	0.02	0.05
H447030		5.76	<0.05	<0.05	<0.05	<0.001	54.52	840.5	0.03	0.01
H447031		6.33	<0.05	0.15	<0.05	0.007	47.69	877.3	0.01	0.02
H447032		5.97	0.06	0.08	0.06	0.004	48.21	821.8	0.04	0.07
H447033		7.26	0.46	5.03	0.20	0.252	50.05	849.9	0.26	0.13
H447034		6.70	0.09	0.51	0.06	0.029	57.18	912.8	0.07	0.05
H447035		4.95	36.1	228	25.6	12.481	54.78	825.2	25.4	25.7
H447036		3.06	5.11	44.5	2.59	2.430	54.56	855.4	2.39	2.79
H447037		3.93	0.17	0.28	0.16	0.015	53.67	896.3	0.16	0.16
H447038		3.96	<0.05	<0.05	<0.05	<0.001	48.37	861.6	0.03	0.05
H447039		1.34	0.35	3.23	0.18	0.168	52.03	878.0	0.16	0.19
H447040		1.83	0.12	0.52	0.10	0.029	55.97	904.0	0.08	0.11

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

Finalized Date: 24-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL Au-SCR21

CERTIFICATE OF ANALYSIS TB09083464

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
H447041		3.25	<0.05	<0.05	<0.05	<0.001	55.98	869.0	<0.01	0.01
H447042		3.64	<0.05	0.21	<0.05	0.010	47.73	907.3	0.01	0.01
H447043		1.23	0.08	0.15	0.08	0.007	46.20	853.8	0.06	0.09
H447044		1.65	0.13	0.12	0.13	0.007	59.64	845.4	0.11	0.15
H447045		3.25	0.14	1.46	0.07	0.075	51.35	893.6	0.03	0.10
H447046		2.45	0.05	0.10	0.05	0.005	47.76	912.2	0.08	0.02
H447047		3.75	0.05	0.22	<0.05	0.013	59.12	920.9	0.04	0.04
H447048		3.04	0.09	0.41	0.07	0.023	56.60	843.4	0.06	0.08
H447049		4.17	1.04	13.05	0.25	0.766	58.60	891.4	0.29	0.21
H447050		3.12	42.3	510	16.80	24.555	48.15	881.9	17.05	16.55
H447051		1.05	1.00	16.85	0.07	0.935	49.62	950.4	0.07	0.06
H447052		3.70	5.68	51.8	3.36	2.357	45.51	904.5	3.46	3.25
H447053		3.50	2.61	15.40	1.99	0.689	44.69	920.3	2.03	1.95
H447054		3.82	61.1	581	30.4	29.179	50.23	849.8	29.9	30.8
H447055		4.15	5.12	63.7	2.42	2.528	39.69	860.3	2.61	2.22
H447056		3.41	39.4	727	14.85	24.933	34.28	960.7	15.40	14.30
H447057		5.71	13.15	112.5	8.59	5.488	48.68	1061.5	8.46	8.72
H447058		2.51	0.35	2.43	0.23	0.132	54.24	930.8	0.24	0.21
H447059		3.30	4.89	50.0	2.51	2.532	50.62	959.4	2.48	2.54
H447060		5.83	5.05	57.2	1.75	3.051	53.31	841.7	1.93	1.56
H447061		3.99	3.20	51.5	0.94	2.317	45.02	960.0	1.07	0.81
H447062		5.08	0.14	1.22	0.09	0.057	46.71	963.3	0.10	0.07
H447063		2.70	3.79	47.2	1.40	2.448	51.89	938.1	1.55	1.24
H447064		4.65	0.19	0.58	0.17	0.026	44.52	885.5	0.20	0.14
H447065		3.27	0.87	6.80	0.55	0.323	47.51	887.5	0.55	0.55
H447066		5.67	2.42	23.0	1.06	1.308	56.79	858.2	1.02	1.09
H447067		3.23	<0.05	0.28	<0.05	0.014	49.91	865.1	0.04	0.02
H447068		3.39	10.95	131.5	3.19	7.152	54.48	845.5	3.19	3.19
H447069		5.05	1.29	12.15	0.74	0.594	48.97	961.0	0.75	0.72
H447070		4.64	0.20	0.69	0.18	0.035	50.98	899.0	0.16	0.19
H447071		6.59	0.05	0.29	<0.05	0.013	45.41	949.6	0.04	0.04
H447072		3.09	0.19	1.98	0.08	0.113	57.18	902.8	0.06	0.09
H447073		3.24	0.37	2.19	0.28	0.102	46.63	868.4	0.18	0.37
H447074		3.91	0.49	3.27	0.36	0.137	41.89	923.1	0.30	0.42
H447075		4.69	0.09	0.35	0.08	0.017	48.75	881.3	0.08	0.07
H447076		3.58	0.27	2.33	0.16	0.115	49.43	890.6	0.16	0.16
H447077		5.06	0.08	0.52	0.07	0.020	38.55	911.5	0.09	0.04
H447078		3.88	0.08	0.85	0.05	0.036	42.27	887.7	0.05	0.04
H447079		3.86	<0.05	0.08	<0.05	0.003	49.00	896.0	0.01	<0.01
H447080		3.87	<0.05	<0.05	<0.05	<0.001	34.84	925.2	0.03	0.01

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

Finalized Date: 24-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL Au-SCR21

CERTIFICATE OF ANALYSIS TB09083464

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
H447081		5.88	0.08	0.47	0.06	0.026	55.25	924.8	0.06	0.06

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

INVOICE NUMBER 1967400

BILLING INFORMATION

Certificate:	**TB09104294**
Sample Type:	**Crushed Rock**
Account:	**PJV**
Date:	**6-OCT-2009**
Project:	ST. ANTHONY
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments: SEPT 16, 09	AS PER REQUEST FROM ALASDAIR MOWAT

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
10	Au-SCR21	Au Screen Fire Assay - 100 um	15.15	151.50
10	Au-AA25	Ore Grade Au 30g FA AA finish	15.15	151.50
10	Au-AA25D	Ore Grade Au 30g FA AA Dup	15.15	151.50
10	SCR-21	Screen to -100 um	5.05	50.50

SUBTOTAL (CAD)	$	505.00
R100938885 GST	$	25.25
TOTAL PAYABLE (CAD)	**$**	**530.25**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

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

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

Finalized Date: 6-OCT-2009
Account: PJV

CERTIFICATE TB09104294

Project: ST. ANTHONY

P.O. No.:

This report is for 10 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 16-SEP-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 6-OCT-2009
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB09104294

Sample Description	Method Analyte Units LOR	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
H449565		0.07	0.10	0.07	0.006	58.79	941.2	0.07	0.07
H449567		<0.05	0.37	<0.05	0.020	53.59	951.4	0.02	0.02
H449568		0.16	0.91	0.12	0.049	54.11	945.9	0.12	0.11
H449572		0.12	0.13	0.12	0.007	54.58	945.4	0.11	0.13
H449575		0.11	0.80	0.08	0.037	46.01	959.0	0.06	0.10
H449587		0.09	0.20	0.09	0.013	65.97	939.0	0.11	0.06
H449588		0.33	0.40	0.33	0.022	55.30	944.7	0.34	0.32
H449589		<0.05	0.08	<0.05	0.004	52.13	947.9	0.03	0.03
H449590		0.59	2.73	0.48	0.139	50.84	949.2	0.49	0.46
H449591		0.05	0.05	0.05	0.002	38.85	966.2	0.05	0.05

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

INVOICE NUMBER 1967383

BILLING INFORMATION

Certificate:	**TB09104293**
Sample Type:	**Crushed Rock**
Account:	**PJV**
Date:	**7-OCT-2009**
Project:	ST. ANTHONY
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments: SEPT 16, 09	AS PER REQUEST FROM ALASDAIR MOWAT

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
16	Au-SCR21	Au Screen Fire Assay - 100 um	15.15	242.40
16	Au-AA25	Ore Grade Au 30g FA AA finish	15.15	242.40
16	Au-AA25D	Ore Grade Au 30g FA AA Dup	15.15	242.40
16	SCR-21	Screen to -100 um	5.05	80.80

SUBTOTAL (CAD)	$	808.00
R100938885 GST	$	40.40
TOTAL PAYABLE (CAD)	**$**	**848.40**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
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North Vancouver BC V7H 0A7

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

Finalized Date: 7-OCT-2009
Account: PJV

CERTIFICATE TB09104293

Project: ST. ANTHONY

P.O. No.:

This report is for 16 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 16-SEP-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

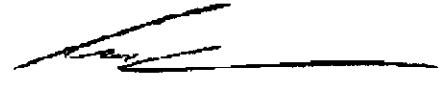
ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 7-OCT-2009
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB09104293

Sample Description	Method Analyte Units LOR	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
H449703		2.57	6.86	2.33	0.358	52.20	952.8	2.27	2.39
H449704		5.94	55.0	3.88	2.227	40.46	964.5	4.07	3.69
H449705		0.65	3.46	0.51	0.171	49.39	950.6	0.40	0.61
H449706		3.92	17.50	3.07	1.033	59.10	940.9	2.85	3.28
H449707		11.85	38.6	10.35	2.078	53.78	946.2	10.50	10.15
H449708		0.08	0.59	0.05	0.032	54.58	955.4	0.04	0.06
H449709		0.33	1.93	0.22	0.126	65.28	934.7	0.20	0.24
H449712		0.08	0.05	0.09	0.003	57.87	947.1	0.08	0.09
H449713		0.10	0.10	0.10	0.007	66.75	938.2	0.10	0.09
H449714		0.10	0.06	0.11	0.004	66.12	943.9	0.10	0.11
H449715		0.93	12.95	0.33	0.619	47.78	952.2	0.31	0.35
H449716		0.07	0.09	0.07	0.005	56.02	944.0	0.07	0.07
H449721		0.05	0.06	0.05	0.003	46.33	958.7	0.04	0.05
H449722		<0.05	<0.05	<0.05	<0.001	63.61	936.4	0.03	0.02
H449723		0.10	<0.05	0.11	<0.001	63.43	946.6	0.09	0.13
H449724		0.20	0.37	0.20	0.007	18.68	981.3	0.19	0.21

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

INVOICE NUMBER 1967380

BILLING INFORMATION

Certificate:	**TB09104295**
Sample Type:	**Crushed Rock**
Account:	**PJV**
Date:	**9-OCT-2009**
Project:	ST. ANTHONY
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments: SEPT 16, 09	AS PER REQUEST FROM ALASDAIR MOWAT

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
36	Au-SCR21	Au Screen Fire Assay - 100 um	15.15	545.40
36	Au-AA25	Ore Grade Au 30g FA AA finish	15.15	545.40
36	Au-AA25D	Ore Grade Au 30g FA AA Dup	15.15	545.40
36	SCR-21	Screen to -100 um	5.05	181.80

SUBTOTAL (CAD)	$	1,818.00
R100938885 GST	$	90.90
TOTAL PAYABLE (CAD)	**$**	**1,908.90**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
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North Vancouver BC V7H 0A7

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North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 9-OCT-2009
Account: PJV

CERTIFICATE TB09104295

Project: ST. ANTHONY

P.O. No.:

This report is for 36 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 16-SEP-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 9-OCT-2009
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB09104295

Sample Description	Method Analyte Units LOR	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
H447093		0.81	8.30	0.41	0.428	51.59	953.4	0.46	0.35
H447094		0.10	1.05	0.06	0.045	42.98	942.0	0.04	0.08
H447095		0.31	3.46	0.17	0.145	41.95	963.1	0.18	0.16
H447096		0.16	1.37	0.13	0.036	26.35	958.6	0.17	0.09
H447097		2.06	32.7	0.74	1.320	40.38	934.6	0.60	0.87
H447098		0.07	1.29	<0.05	0.033	25.62	959.4	0.03	0.05
H447099		0.35	6.02	0.24	0.119	19.76	980.2	0.21	0.26
H447102		0.84	7.32	0.61	0.250	34.17	955.8	0.60	0.61
H447103		0.72	5.63	0.55	0.193	34.29	955.7	0.54	0.55
H447104		0.29	2.23	0.24	0.053	23.75	946.2	0.33	0.15
H447106		0.16	1.23	0.14	0.025	20.35	959.7	0.16	0.12
H447107		0.74	12.90	0.44	0.302	23.37	931.6	0.44	0.43
H447108		2.33	27.2	1.03	1.316	48.42	921.6	1.07	0.98
H447109		0.91	3.16	0.85	0.083	26.30	933.7	0.77	0.93
H447112		0.07	0.32	0.06	0.009	28.19	951.8	0.07	0.05
H447113		0.07	0.42	0.06	0.011	26.38	943.6	0.07	0.05
H447115		1.66	23.7	1.02	0.641	27.02	938.0	0.94	1.10
H447120		0.05	0.19	0.05	0.005	25.93	959.1	0.07	0.02
H447121		0.11	0.57	0.10	0.016	28.22	931.8	0.08	0.12
H447124		1.83	18.95	1.23	0.606	31.96	918.0	1.17	1.29
H447125		0.07	0.48	0.05	0.018	37.55	952.5	0.06	0.04
H447126		0.24	1.34	0.20	0.039	29.02	911.0	0.18	0.22
H447127		0.16	1.16	0.12	0.044	37.91	942.1	0.10	0.13
H447128		8.12	91.0	5.05	2.913	32.01	863.0	4.98	5.11
H447129		1.60	18.95	1.01	0.600	31.63	923.4	1.01	1.01
H447130		0.13	0.72	0.11	0.018	25.11	964.9	0.14	0.08
H447131		0.59	1.84	0.56	0.048	26.11	958.9	0.58	0.54
H447132		10.05	124.0	6.22	4.005	32.34	962.7	6.70	5.74
H447133		1.89	27.2	0.93	0.989	36.41	963.6	1.01	0.85
H447137		0.06	0.34	0.05	0.007	20.62	969.4	0.07	0.03
H447138		0.06	0.13	0.06	0.004	29.74	960.3	0.04	0.08
H447139		0.90	17.70	0.53	0.376	21.26	953.7	0.51	0.55
H447140		0.23	2.11	0.18	0.063	29.90	955.1	0.10	0.25
H447145		0.51	1.02	0.50	0.027	26.51	958.5	0.56	0.44
H447164		1.10	14.95	0.40	0.717	47.91	947.1	0.39	0.40
H447168		0.19	2.94	0.10	0.096	32.61	907.4	0.10	0.09

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

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

INVOICE NUMBER 1967406

BILLING INFORMATION

Certificate:	**TB09104291**
Sample Type:	**Crushed Rock**
Account:	**PJV**
Date:	**10-OCT-2009**
Project:	ST. ANTHONY
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments: SEPT 16, 09	AS PER REQUEST FROM ALASDAIR MOWAT

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	27.00	27.00
23	Au-SCR21	Au Screen Fire Assay - 100 um	15.15	348.45
23	Au-AA25	Ore Grade Au 30g FA AA finish	15.15	348.45
23	Au-AA25D	Ore Grade Au 30g FA AA Dup	15.15	348.45
23	SCR-21	Screen to -100 um	5.05	116.15

SUBTOTAL (CAD)	$	1,188.50
R100938885 GST	$	59.43
TOTAL PAYABLE (CAD)	**$**	**1,247.93**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
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To: **PACIFIC IRON ORE CORPORATION**
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 10-OCT-2009
Account: PJV

CERTIFICATE TB09104291

Project: ST. ANTHONY

P.O. No.:

This report is for 23 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 16-SEP-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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 Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 10-OCT-2009
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB09104291

Sample Description	Method Analyte Units LOR	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
H449727		0.10	0.36	0.09	0.023	64.02	936.0	0.08	0.09
H449728		0.21	1.11	0.17	0.049	44.20	940.8	0.19	0.14
H449729		0.12	0.20	0.12	0.012	61.18	933.8	0.11	0.12
H449735		0.12	0.32	0.11	0.020	61.86	903.1	0.10	0.12
H449736		0.10	0.12	0.10	0.004	32.01	968.0	0.12	0.07
H449742		0.14	0.27	0.13	0.013	47.85	957.2	0.15	0.11
H449743		0.11	0.21	0.11	0.009	42.27	957.7	0.10	0.12
H449744		0.15	0.50	0.13	0.022	43.97	956.0	0.12	0.14
H449748		0.05	0.21	<0.05	0.008	37.60	967.4	0.04	0.04
H449749		0.15	0.64	0.13	0.031	48.55	946.4	0.17	0.08
H449758		0.66	3.42	0.48	0.207	60.44	939.6	0.63	0.33
H449759		2.72	31.9	1.35	1.425	44.74	945.3	1.32	1.37
H449760		<0.05	<0.05	<0.05	0.002	46.68	953.3	<0.01	<0.01
H449761		0.12	0.75	0.08	0.049	65.53	934.5	0.07	0.08
H449766		2.55	28.3	1.44	1.160	40.93	949.1	1.61	1.27
H449767		0.24	2.59	0.15	0.101	39.06	940.9	0.16	0.13
H449768		<0.05	<0.05	<0.05	<0.001	33.93	946.1	<0.01	0.01
H449769		0.36	1.08	0.32	0.063	58.27	941.7	0.31	0.32
H449770		<0.05	0.20	<0.05	0.012	60.27	934.7	0.04	0.02
H449771		6.20	46.0	3.33	3.083	67.08	927.9	3.30	3.35
H449772		0.15	0.55	0.13	0.029	52.27	927.7	0.18	0.07
H449773		24.1	271	10.40	14.257	52.61	947.4	10.15	10.65
H449778		5.45	53.0	2.96	2.619	49.40	945.6	2.78	3.14

Comments: Additional Au results for sample H449758 are .270ppm and .700ppm

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

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

INVOICE NUMBER 1967405

BILLING INFORMATION

Certificate:	**TB09104292**
Sample Type:	**Crushed Rock**
Account:	**PJV**
Date:	**10-OCT-2009**
Project:	ST. ANTHONY
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments: SEPT 16, 09	AS PER REQUEST FROM ALASDAIR MOWAT

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
29	Au-SCR21	Au Screen Fire Assay - 100 um	15.15	439.35
29	Au-AA25	Ore Grade Au 30g FA AA finish	15.15	439.35
26	Au-AA25D	Ore Grade Au 30g FA AA Dup	15.15	393.90
3	Au-AA25D	Ore Grade Au 30g FA AA Dup	15.15	45.45
29	SCR-21	Screen to -100 um	5.05	146.45

SUBTOTAL (CAD)	$	1,464.50
R100938885 GST	$	73.23
TOTAL PAYABLE (CAD)	**$**	**1,537.73**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

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

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

Finalized Date: 10-OCT-2009
Account: PJV

CERTIFICATE TB09104292

Project: ST. ANTHONY

P.O. No.:

This report is for 29 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 16-SEP-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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 Chemex

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

Finalized Date: 10-OCT-2009
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB09104292

Sample Description	Method Analyte Units LOR	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01	Au-AA25D Au Check ppm 0.01
H449595		0.39	0.50	0.39	0.022	44.27	950.7	0.35	0.42	
H449596		1.94	4.68	1.81	0.208	44.49	930.5	1.90	1.71	
H449608		<0.05	0.19	<0.05	0.006	31.16	963.8	<0.01	<0.01	
H449624		0.60	4.48	0.52	0.102	22.77	997.2	0.45	0.58	
H449625		0.21	1.35	0.17	0.052	38.59	961.4	0.13	0.20	
H449626		0.32	2.53	0.26	0.073	28.87	976.1	0.26	0.25	
H449627		0.69	9.35	0.33	0.376	40.20	979.8	0.27	0.41	0.31
H449628		0.35	1.28	0.31	0.057	44.63	960.4	0.36	0.28	0.29
H449629		0.29	2.70	0.21	0.090	33.36	976.6	0.14	0.25	0.24
H449630		7.10	108.0	3.02	4.219	39.10	965.9	3.08	2.95	
H449631		0.08	0.08	0.08	0.003	39.97	950.0	0.06	0.09	
H449632		<0.05	0.11	<0.05	0.005	44.89	945.1	0.03	0.03	
H449633		0.12	0.46	0.11	0.011	23.86	991.1	0.10	0.12	
H449635		1.27	18.10	0.50	0.808	44.65	975.3	0.51	0.48	
H449637		1.35	14.75	1.10	0.275	18.67	986.3	1.12	1.07	
H449638		<0.05	0.09	<0.05	0.005	56.02	944.0	0.01	0.02	
H449639		<0.05	<0.05	<0.05	<0.001	50.99	959.0	0.01	<0.01	
H449640		0.20	1.75	0.11	0.103	58.90	946.1	0.09	0.12	
H449641		4.40	40.0	2.35	2.217	55.44	959.6	2.52	2.17	
H449642		0.23	1.48	0.15	0.095	64.27	920.7	0.14	0.15	
H449643		0.21	1.68	0.11	0.111	65.88	939.1	0.10	0.11	
H449644		<0.05	<0.05	<0.05	<0.001	36.34	953.7	0.01	0.02	
H449647		<0.05	<0.05	<0.05	<0.001	42.95	957.1	0.01	<0.01	
H449650		0.13	0.30	0.12	0.009	29.82	960.2	0.11	0.13	
H449651		0.05	0.36	<0.05	0.016	45.05	965.0	0.03	0.05	
H449652		0.11	0.26	0.11	0.009	34.57	970.4	0.14	0.07	
H449653		0.07	0.29	0.06	0.013	45.39	954.6	0.05	0.06	
H449654		0.61	3.64	0.46	0.171	46.98	933.0	0.47	0.45	
H449655		<0.05	0.05	<0.05	0.003	62.92	927.1	0.02	0.01	

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

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

INVOICE NUMBER 1969141

BILLING INFORMATION

Certificate:	**TB09104296**
Sample Type:	**Crushed Rock**
Account:	**PJV**
Date:	**10-OCT-2009**
Project:	ST. ANTHONY
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments: SEPT 16, 09	AS PER REQUEST FROM ALASDAIR MOWAT

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
23	Au-SCR21	Au Screen Fire Assay - 100 um	15.15	348.45
23	Au-AA25	Ore Grade Au 30g FA AA finish	15.15	348.45
23	Au-AA25D	Ore Grade Au 30g FA AA Dup	15.15	348.45
23	SCR-21	Screen to -100 um	5.05	116.15

SUBTOTAL (CAD)	$	1,161.50
R100938885 GST	$	58.08
TOTAL PAYABLE (CAD)	**$**	**1,219.58**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

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

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

Finalized Date: 10-OCT-2009
Account: PJV

CERTIFICATE TB09104296

Project: ST. ANTHONY

P.O. No.:

This report is for 23 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 16-SEP-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	ERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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

Finalized Date: 10-OCT-2009
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB09104296

Sample Description	Method Analyte Units LOR	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
H447082		<0.05	0.40	<0.05	0.023	57.40	942.6	<0.01	0.02
H447086		1.87	17.85	0.82	1.094	61.22	928.8	0.87	0.77
H447089		0.07	0.10	0.07	0.006	62.48	947.5	0.09	0.05
H447090		1.87	10.90	1.28	0.692	63.47	956.5	1.46	1.09
H447091		12.05	153.0	5.42	6.867	44.84	955.2	5.42	5.42
H447172		4.11	42.6	1.82	2.396	56.20	943.8	1.87	1.77
H447173		<0.05	<0.05	<0.05	<0.001	60.55	934.5	0.01	0.02
H447174		10.25	104.5	4.52	6.025	57.70	947.3	4.19	4.85
H447181		0.53	6.05	0.20	0.333	55.02	935.0	0.19	0.21
H447182		<0.05	<0.05	<0.05	<0.001	48.45	946.5	0.05	0.01
H447184		0.38	4.39	0.16	0.232	52.86	947.1	0.14	0.18
H447187		0.13	1.23	0.07	0.068	55.40	944.6	0.07	0.07
H447188		<0.05	<0.05	<0.05	<0.001	68.48	936.5	0.01	0.01
H447194		3.71	38.2	1.47	2.322	60.81	934.2	1.50	1.44
H447196		0.50	4.93	0.24	0.274	55.54	944.5	0.19	0.28
H447198		<0.05	0.28	<0.05	0.018	64.95	935.0	0.02	0.02
H447200		0.21	1.34	0.15	0.070	52.23	947.8	0.15	0.15
H447201		0.47	3.47	0.35	0.136	39.24	965.8	0.32	0.38
H447204		0.11	0.42	0.10	0.025	60.23	939.8	0.09	0.10
H447206		0.15	0.53	0.13	0.030	56.83	943.2	0.12	0.13
H447207		0.77	5.38	0.49	0.315	58.52	936.5	0.45	0.52
H447208		0.08	0.39	0.07	0.018	46.04	944.0	0.08	0.06
H447209		0.14	0.61	0.12	0.033	54.41	950.6	0.14	0.09

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

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

INVOICE NUMBER 1968765

BILLING INFORMATION

Certificate:	**TB09104297**
Sample Type:	**Crushed Rock**
Account:	**PJV**
Date:	**10-OCT-2009**
Project:	ST. ANTHONY
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments: SEPT 16, 09	AS PER REQUEST FROM ALASDAIR MOWAT

ANALYSED FOR QUANTITY	CODE -	DESCRIPTION	UNIT PRICE	TOTAL
6	Au-SCR21	Au Screen Fire Assay - 100 um	15.15	90.90
6	Au-AA25	Ore Grade Au 30g FA AA finish	15.15	90.90
6	Au-AA25D	Ore Grade Au 30g FA AA Dup	15.15	90.90
6	SCR-21	Screen to -100 um	5.05	30.30

SUBTOTAL (CAD)	$	303.00
R100938885 GST	$	15.15
TOTAL PAYABLE (CAD)	**$**	**318.15**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
ALS Chemex
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

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

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

Finalized Date: 10-OCT-2009
Account: PJV

CERTIFICATE TB09104297

Project: ST. ANTHONY

P.O. No.:

This report is for 6 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 16-SEP-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	ERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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

Finalized Date: 10-OCT-2009
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB09104297

Sample Description	Method Analyte Units LOR	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
H447214		0.39	1.77	0.30	0.113	63.88	886.1	0.27	0.32
H447227		0.47	6.38	0.11	0.348	54.57	885.4	0.08	0.13
H447231		<0.05	0.37	<0.05	0.022	59.56	925.4	0.01	0.01
H447234		0.10	0.11	0.10	0.007	63.83	911.2	0.12	0.07
H447236		54.3	494	25.8	29.178	59.05	911.0	26.1	25.4
H447237		1.51	10.90	0.86	0.674	61.75	893.3	0.82	0.89

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

INVOICE NUMBER 1967376

BILLING INFORMATION

Certificate:	**TB09104298**
Sample Type:	**Crushed Rock**
Account:	**PJV**
Date:	**10-OCT-2009**
Project:	ST. ANTHONY
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments: SEPT 16, 09	AS PER REQUEST FROM ALASDAIR MOWAT

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
39	Au-SCR21	Au Screen Fire Assay - 100 um	15.15	590.85
39	Au-AA25	Ore Grade Au 30g FA AA finish	15.15	590.85
39	Au-AA25D	Ore Grade Au 30g FA AA Dup	15.15	590.85
39	SCR-21	Screen to -100 um	5.05	196.95

SUBTOTAL (CAD)	$	1,969.50
R100938885 GST	$	98.48
TOTAL PAYABLE (CAD)	**$**	**2,067.98**

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

Payment may be made by: Cheque or Bank Transfer

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Account:	003-00010-1001098

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

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

Finalized Date: 10-OCT-2009
Account: PJV

CERTIFICATE TB09104298

Project: ST. ANTHONY

P.O. No.:

This report is for 39 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 16-SEP-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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

Finalized Date: 10-OCT-2009
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB09104298

Sample Description	Method Analyte Units LOR	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
H447289		<0.05	0.11	<0.05	0.005	46.50	943.5	0.03	0.04
H447300		0.05	0.09	0.05	0.003	34.22	950.8	0.04	0.05
H447301		0.06	0.20	0.06	0.006	30.71	939.3	0.11	0.01
H447302		0.15	0.43	0.14	0.011	25.73	959.3	0.16	0.12
H447307		0.05	<0.05	0.06	<0.001	25.03	950.0	0.07	0.04
H447308		<0.05	0.38	<0.05	0.012	31.54	953.5	0.03	0.02
H447309		0.24	1.07	0.22	0.029	27.09	947.9	0.17	0.26
H447310		0.22	0.99	0.19	0.040	40.32	954.7	0.13	0.24
H447311		0.05	<0.05	0.05	<0.001	35.75	974.3	0.03	0.07
H447313		0.08	<0.05	0.09	<0.001	26.19	968.8	0.08	0.09
H447314		<0.05	0.05	<0.05	0.002	36.64	968.4	0.05	0.02
H447315		0.07	<0.05	0.08	<0.001	51.01	934.0	0.07	0.08
H447320		0.20	1.57	0.16	0.046	29.28	970.7	0.17	0.14
H447321		<0.05	<0.05	<0.05	<0.001	33.61	971.4	0.04	<0.01
H447323		<0.05	<0.05	<0.05	<0.001	19.10	980.9	0.03	0.03
H447324		0.05	<0.05	0.06	<0.001	26.02	974.0	0.04	0.07
H447325		1.71	22.8	0.98	0.772	33.86	966.1	0.92	1.03
H447328		0.07	0.35	0.07	0.007	19.80	965.2	0.04	0.09
H447333		0.05	0.20	0.05	0.005	24.83	970.2	0.05	0.04
H447334		<0.05	0.24	<0.05	0.010	42.46	942.5	0.03	0.02
H447335		0.13	0.15	0.13	0.004	27.42	972.6	0.13	0.12
H447336		0.26	<0.05	0.27	<0.001	28.56	971.4	0.26	0.27
H447337		0.07	0.12	0.07	0.003	24.09	985.9	0.06	0.08
H447351		0.37	2.95	0.20	0.149	50.49	764.5	0.16	0.24
H447352		0.27	0.74	0.25	0.032	43.05	947.0	0.24	0.25
H447353		0.67	2.61	0.56	0.134	51.44	898.6	0.50	0.62
H447361		0.06	0.25	0.06	0.006	23.65	961.3	0.07	0.04
H447362		0.16	2.98	0.09	0.066	22.11	947.9	0.09	0.09
H447365		0.18	1.50	0.14	0.044	29.30	970.7	0.15	0.12
H447368		<0.05	0.26	<0.05	0.005	19.20	985.8	0.04	0.03
H447369		0.09	0.24	0.09	0.008	32.83	977.2	0.12	0.05
H447372		0.29	0.50	0.29	0.014	27.77	952.2	0.31	0.26
H447376		0.07	0.16	0.07	0.007	42.45	942.6	0.02	0.12
H447379		0.12	1.09	0.10	0.030	27.63	947.4	0.08	0.11
H447380		0.25	1.80	0.22	0.038	21.15	988.9	0.24	0.19
H447381		<0.05	0.28	<0.05	0.008	28.97	941.0	0.05	0.02
H447383		<0.05	<0.05	<0.05	<0.001	22.11	987.9	0.04	0.03
H447384		<0.05	<0.05	<0.05	<0.001	29.14	960.9	0.01	0.02
H447386		0.09	0.39	0.08	0.011	28.04	967.0	0.07	0.09

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

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

INVOICE NUMBER 1969155

BILLING INFORMATION

Certificate:	**TB09104299**
Sample Type:	**Crushed Rock**
Account:	**PJV**
Date:	**10-OCT-2009**
Project:	ST. ANTHONY
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments: SEPT 16, 09	AS PER REQUEST FROM ALASDAIR MOWAT

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
6	Au-SCR21	Au Screen Fire Assay - 100 um	15.15	90.90
6	Au-AA25	Ore Grade Au 30g FA AA finish	15.15	90.90
6	Au-AA25D	Ore Grade Au 30g FA AA Dup	15.15	90.90
6	SCR-21	Screen to -100 um	5.05	30.30

SUBTOTAL (CAD)	$	303.00
R100938885 GST	$	15.15
TOTAL PAYABLE (CAD)	**$**	**318.15**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
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To: **PACIFIC IRON ORE CORPORATION**
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 10-OCT-2009
Account: PJV

CERTIFICATE TB09104299

Project: ST. ANTHONY

P.O. No.:

This report is for 6 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 16-SEP-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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

Finalized Date: 10-OCT-2009
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB09104299

Sample Description	Method / Analyte / Units / LOR	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
H447418		0.21	0.57	0.19	0.034	59.33	940.7	0.19	0.19
H447420		0.06	<0.05	0.06	<0.001	56.67	948.3	0.04	0.08
H447424		<0.05	<0.05	<0.05	<0.001	61.69	928.3	0.01	0.01
H447430		0.07	<0.05	0.08	<0.001	54.83	950.2	0.08	0.07
H447436		0.13	<0.05	0.14	<0.001	55.62	944.4	0.13	0.15
H447459		0.14	0.25	0.13	0.012	48.49	961.5	0.11	0.15

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

INVOICE NUMBER 1968495

BILLING INFORMATION

Certificate:	**TB09104730**
Sample Type:	**Crushed Rock**
Account:	**PJV**
Date:	**13-OCT-2009**
Project:	ST. ANTHONY
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	AS PER REQUEST FROM ALASDAIR MOWAT SEPT 16, 09

QUANTITY	ANALYSED FOR CODE - DESCRIPTION		UNIT PRICE	TOTAL
52	Au-SCR21	Au Screen Fire Assay - 100 um	15.15	787.80
52	Au-AA25	Ore Grade Au 30g FA AA finish	15.15	787.80
52	Au-AA25D	Ore Grade Au 30g FA AA Dup	15.15	787.80
52	SCR-21	Screen to -100 um	5.05	262.60

SUBTOTAL (CAD)	$	2,626.00
R100938885 GST	$	131.30
TOTAL PAYABLE (CAD)	**$**	**2,757.30**

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

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please Remit Payments To :
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To: **PACIFIC IRON ORE CORPORATION**
1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 13-OCT-2009
Account: PJV

CERTIFICATE TB09104730

Project: ST. ANTHONY

P.O. No.:

This report is for 52 Crushed Rock samples submitted to our lab in Thunder Bay, ON, Canada on 16-SEP-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-03	Find Reject for Addn Analysis
SCR-21	Screen to -100 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR21	Au Screen Fire Assay - 100 um	WST-SIM
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
Au-AA25D	Ore Grade Au 30g FA AA Dup	AAS

To: **PACIFIC IRON ORE CORPORATION**
ATTN: ALASDAIR MOWAT (POC)
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

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

Finalized Date: 13-OCT-2009
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB09104730

Sample Description	Method Analyte Units LOR	Au-SCR21 Au Total ppm 0.05	Au-SCR21 Au (+) F ppm 0.05	Au-SCR21 Au (-) F ppm 0.05	Au-SCR21 Au (+) m mg 0.001	Au-SCR21 WT. + Fr g 0.01	Au-SCR21 WT. - Fr g 0.1	Au-AA25 Au ppm 0.01	Au-AA25D Au ppm 0.01
H447463		<0.05	<0.05	<0.05	0.002	58.42	926.6	0.03	0.04
H447466		0.12	0.11	0.13	0.007	62.34	922.7	0.12	0.13
H447467		0.06	<0.05	0.07	0.001	47.19	957.8	0.07	0.06
H447471		0.11	0.16	0.11	0.010	60.79	949.2	0.16	0.06
H447472		<0.05	0.06	<0.05	0.004	62.71	937.3	0.03	0.05
H447473		0.08	0.07	0.09	0.004	55.90	949.1	0.11	0.06
H447474		0.07	0.05	0.08	0.003	59.55	945.5	0.06	0.09
H447475		1.01	2.36	0.19	0.089	37.72	62.3	0.17	0.20
H447476		0.10	0.11	0.10	0.007	62.52	932.5	0.11	0.09
H447477		0.09	0.07	0.09	0.004	56.51	933.5	0.09	0.09
H447478		0.10	<0.05	0.11	0.002	66.12	928.9	0.10	0.11
H447479		0.09	<0.05	0.10	<0.001	60.47	934.5	0.09	0.11
H447480		0.10	0.26	0.10	0.012	45.87	964.1	0.08	0.11
H447481		0.07	<0.05	0.07	<0.001	60.96	899.0	0.07	0.07
H447482		0.44	2.47	0.29	0.166	67.11	882.9	0.27	0.31
H447483		0.07	0.11	0.07	0.007	66.54	898.5	0.06	0.08
H447484		0.18	0.09	0.19	0.005	58.26	901.7	0.20	0.18
H447485		0.17	0.21	0.17	0.014	65.68	929.3	0.18	0.15
H449502		0.16	0.19	0.16	0.009	46.68	943.3	0.15	0.17
H449503		<0.05	<0.05	<0.05	<0.001	50.06	909.9	0.03	0.04
H449504		0.38	1.90	0.29	0.113	59.53	930.5	0.32	0.25
H449505		0.14	0.22	0.14	0.015	68.34	916.7	0.15	0.12
H449506		0.06	0.07	0.06	0.005	67.98	942.0	0.05	0.06
H449507		0.19	0.42	0.17	0.029	69.11	885.9	0.15	0.19
H449508		1.07	8.88	0.56	0.544	61.25	923.8	0.57	0.54
H449509		<0.05	<0.05	<0.05	<0.001	70.99	919.0	0.04	0.03
H449510		0.08	0.08	0.08	0.005	65.99	884.0	0.06	0.09
H449511		0.25	1.59	0.16	0.095	59.74	930.3	0.17	0.15
H449512		0.17	0.72	0.13	0.043	59.53	930.5	0.13	0.13
H449513		0.06	<0.05	0.07	<0.001	68.92	916.1	0.07	0.06
H449514		0.28	1.16	0.24	0.057	49.14	920.9	0.24	0.23
H449515		0.58	5.42	0.29	0.299	55.20	899.8	0.27	0.30
H449516		0.11	0.23	0.10	0.013	56.78	948.2	0.08	0.12
H449517		0.10	0.22	0.09	0.013	59.01	941.0	0.10	0.08
H449518		0.11	0.24	0.10	0.014	58.61	946.4	0.05	0.15
H449519		0.10	0.60	0.07	0.030	50.31	949.7	0.07	0.07
H449520		0.35	1.75	0.29	0.083	47.32	952.7	0.34	0.23
H449521		0.08	0.95	<0.05	0.054	56.83	948.2	0.03	0.03
H449522		0.53	4.94	0.27	0.280	56.67	953.3	0.24	0.29
H449523		0.08	0.25	0.07	0.015	60.63	939.4	0.08	0.06

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

Finalized Date: 13-OCT-2009
Account: PJV

Project: ST. ANTHONY

CERTIFICATE OF ANALYSIS TB09104730

Sample Description	Method	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-SCR21	Au-AA25	Au-AA25D
	Analyte	Au Total	Au (+) F	Au (-) F	Au (+) m	WT. + Fr	WT. - Fr	Au	Au
	Units	ppm	ppm	ppm	mg	g	g	ppm	ppm
	LOR	0.05	0.05	0.05	0.001	0.01	0.1	0.01	0.01
H449524		0.86	4.14	0.65	0.255	61.63	943.4	0.64	0.65
H449525		0.14	0.76	0.10	0.046	60.34	939.7	0.12	0.08
H449526		0.23	1.36	0.17	0.078	57.27	947.7	0.16	0.17
H449527		0.21	0.85	0.17	0.050	59.01	946.0	0.15	0.19
H449528		2.83	12.60	2.19	0.783	62.09	942.9	2.36	2.01
H449529		0.16	0.98	0.12	0.051	51.88	958.1	0.10	0.13
H449530		6.06	54.3	3.06	3.203	59.00	946.0	3.01	3.10
H449531		13.60	118.5	7.46	6.576	55.48	944.5	7.64	7.27
H449532		0.11	0.36	0.09	0.022	61.57	938.4	0.08	0.10
H449533		<0.05	<0.05	0.05	<0.001	57.57	942.4	0.05	0.04
H449534		0.05	<0.05	0.06	0.002	59.32	950.7	0.05	0.06
H449535		0.05	0.13	0.05	0.009	67.80	937.2	0.05	0.04

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

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

INVOICE NUMBER 1945398

BILLING INFORMATION

Certificate:	**TB09085163**
Sample Type:	**Channel**
Account:	**PJV**
Date:	**26-AUG-2009**
Project:	ST. ANTHONY CHANNEL SAMPLES
P.O. No.:	
Quote:	ALSC-CW09-046-PJV
Terms:	**Net 30 Days** C1
Comments:	

QUANTITY	ANALYSED FOR CODE -	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	27.00	27.00
85	PREP-31	Crush, Split, Pulverize	6.08	516.80
421.86	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	0.59	248.90
85	Au-AA26	Ore Grade Au 50g FA AA finish	13.43	1,141.55
1	Au-GRA22	Au 50 g FA-GRAV finish	17.21	17.21
85	ME-ICP61	33 element four acid ICP-AES	5.93	504.05
85	GEO-4ACID	Four acid "near total" dig	4.20	357.00

SUBTOTAL (CAD)	$	2,812.51
R100938885 GST	$	140.63
TOTAL PAYABLE (CAD)	**$**	**2,953.14**

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

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

Finalized Date: 26-AUG-2009
Account: PJV

CERTIFICATE TB09085163

Project: ST. ANTHONY CHANNEL SAMPLES

P.O. No.:

This report is for 85 Channel samples submitted to our lab in Thunder Bay, ON, Canada on 13-AUG-2009.

The following have access to data associated with this certificate:

GRAEME EVANS ALASDAIR MOWAT (KMTS)	PERRY HEATHERINGTON ALASDAIR MOWAT (POC)	PERRY HEATHERINGTON (POC TIM NORRIS (POC)

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-GRA22	Au 50 g FA-GRAV finish	WST-SIM
ME-ICP61	33 element four acid ICP-AES	ICP-AES
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 26-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085163

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	Au-GRA22 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
H447463		4.36	0.09		1.1	5.92	<5	1100	0.7	<2	0.13	<0.5	1	9	34	0.72
H447464		5.14	0.05		<0.5	6.25	<5	980	0.9	<2	0.17	<0.5	2	15	14	0.80
H447465		4.83	0.03		<0.5	6.22	<5	1360	0.9	<2	0.17	<0.5	<1	10	19	0.68
H447466		5.12	0.10		<0.5	6.13	<5	950	0.9	<2	0.11	<0.5	1	12	8	0.68
H447467		4.06	0.08		<0.5	6.61	<5	1090	1.0	<2	0.16	<0.5	1	8	9	0.81
H447468		4.26	0.02		<0.5	6.06	<5	1200	0.8	<2	0.13	<0.5	1	10	13	0.72
H447469		7.51	0.04		<0.5	3.37	<5	570	0.5	<2	0.05	<0.5	1	19	8	0.49
H447470		5.16	0.03		0.5	4.82	<5	1120	0.6	2	0.10	<0.5	1	21	5	0.58
H447471		3.87	0.08		<0.5	5.91	<5	850	0.9	<2	0.08	<0.5	1	9	5	0.76
H447472		2.98	0.08		<0.5	6.26	<5	1150	0.9	2	0.10	<0.5	3	9	14	0.73
H447473		3.20	0.08		0.6	5.59	<5	1020	0.7	2	0.09	<0.5	4	9	18	0.61
H447474		4.97	0.05		<0.5	5.97	<5	780	0.9	<2	0.10	0.6	1	11	8	0.62
H447475		4.67	0.23		<0.5	6.32	<5	1030	0.9	2	0.10	0.5	3	9	11	0.72
H447476		4.27	0.09		<0.5	6.23	<5	1220	0.9	<2	0.13	<0.5	2	9	11	0.71
H447477		2.40	0.08		<0.5	3.96	<5	780	0.6	<2	0.08	<0.5	2	12	10	0.59
H447478		3.18	0.10		<0.5	6.10	<5	1570	0.8	<2	0.14	<0.5	6	9	29	0.56
H447479		2.99	0.10		<0.5	6.23	<5	990	0.9	<2	0.12	<0.5	3	9	10	0.64
H447480		2.27	0.10		<0.5	6.23	<5	1160	1.0	4	0.15	<0.5	3	9	15	0.65
H447481		1.92	0.08		<0.5	6.10	<5	1210	0.9	<2	0.14	<0.5	4	8	21	0.56
H447482		2.50	0.18		<0.5	5.77	<5	760	0.9	2	0.08	<0.5	3	9	12	0.59
H447483		2.13	0.05		<0.5	6.32	<5	1120	0.9	2	0.11	<0.5	3	7	14	0.63
H447484		2.94	0.12		<0.5	6.28	<5	1000	1.0	3	0.10	<0.5	1	8	6	0.60
H447485		1.55	0.15		4.8	5.51	<5	830	0.8	11	0.10	<0.5	1	7	4	0.41
H447486		4.29	0.02		1.0	5.80	<5	500	1.0	<2	0.11	<0.5	2	11	16	0.63
H447487		6.22	0.02		1.5	4.45	<5	420	0.7	2	0.04	<0.5	2	14	11	0.59
H447488		5.80	0.01		<0.5	5.92	<5	560	1.0	<2	0.10	<0.5	1	12	11	0.63
H447489		5.19	0.01		0.5	5.08	<5	430	0.7	2	0.07	<0.5	2	19	20	0.57
H447490		4.82	0.01		<0.5	1.90	<5	180	<0.5	<2	0.02	<0.5	2	24	8	0.41
H447491		5.34	0.03		<0.5	4.59	<5	410	0.7	<2	0.05	<0.5	1	18	7	0.41
H447492		4.43	0.01		1.1	6.45	<5	690	1.2	2	0.07	<0.5	2	11	14	0.72
H447493		7.05	0.03		1.7	5.59	<5	570	0.9	3	0.06	<0.5	1	12	6	0.59
H447494		5.77	0.02		1.2	5.67	<5	550	0.9	<2	0.10	<0.5	1	11	6	0.64
H447495		3.93	0.01		0.7	6.09	<5	800	1.5	<2	0.15	<0.5	1	13	15	0.75
H447496		7.60	0.03		0.8	5.11	<5	470	1.0	2	0.19	0.5	<1	13	6	0.67
H447497		7.88	0.02		0.7	5.81	<5	640	1.0	<2	0.09	<0.5	1	16	6	0.69
H447498		8.17	0.02		0.5	6.41	<5	680	1.1	3	0.17	<0.5	1	11	11	0.80
H447499		5.02	0.02		<0.5	6.26	<5	710	1.2	<2	0.16	<0.5	1	8	6	0.77
H447500		5.96	0.02		0.5	6.38	<5	720	1.2	2	0.12	<0.5	<1	17	5	0.88
H449501		8.39	0.02		<0.5	5.73	<5	590	1.1	2	0.10	<0.5	1	14	5	0.72
H449502		7.86	0.17		0.8	4.42	<5	460	0.8	<2	0.06	<0.5	<1	14	3	0.67

Comments: Additional result on Au-AA26 for sample H449520 reports 9.22ppm and addtional results for H449530 report 10.45ppm and 3.56ppm.

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

Finalized Date: 26-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085163

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
H447463		10	2.30	10	0.02	171	3	2.82	2	140	23	0.19	<5	<1	48	<20
H447464		20	2.22	10	0.02	271	1	2.89	1	130	22	0.24	22	<1	50	<20
H447465		20	2.61	10	0.01	348	<1	3.20	<1	140	14	0.24	16	<1	51	<20
H447466		20	2.08	10	0.02	219	<1	2.71	<1	130	10	0.13	10	<1	45	<20
H447467		20	2.42	10	0.02	351	<1	3.09	<1	130	15	0.19	7	<1	50	<20
H447468		10	2.28	10	0.01	287	1	3.02	<1	130	12	0.28	<5	<1	52	<20
H447469		10	1.12	<10	0.01	106	1	1.58	2	70	11	0.07	<5	<1	20	<20
H447470		10	1.82	10	0.01	54	1	2.38	1	80	33	0.04	<5	<1	36	<20
H447471		10	1.82	10	0.01	76	1	2.87	2	100	24	0.08	<5	<1	44	<20
H447472		10	2.26	10	0.01	172	2	3.46	7	130	13	0.11	<5	<1	49	<20
H447473		10	1.88	10	0.01	155	<1	2.89	3	110	12	0.10	<5	<1	39	<20
H447474		10	1.79	10	0.02	218	9	2.79	<1	120	14	0.12	<5	<1	36	<20
H447475		10	2.07	10	0.01	143	1	2.99	<1	130	15	0.10	<5	<1	45	<20
H447476		10	2.27	10	0.01	178	1	3.37	<1	140	17	0.08	<5	<1	57	<20
H447477		10	1.39	10	0.01	85	<1	1.85	1	80	14	0.06	<5	<1	35	<20
H447478		10	2.36	10	0.01	93	1	3.30	1	130	13	0.04	<5	<1	54	<20
H447479		10	2.35	10	0.01	218	<1	2.80	<1	140	20	0.10	<5	<1	40	<20
H447480		10	2.25	10	0.02	152	1	3.10	1	130	19	0.14	<5	<1	48	<20
H447481		10	2.25	10	0.02	171	1	3.31	1	130	14	0.13	<5	<1	54	<20
H447482		10	1.78	10	0.01	101	3	2.59	<1	110	12	0.10	<5	<1	37	<20
H447483		20	2.26	10	0.01	106	2	3.27	<1	150	17	0.11	<5	<1	48	<20
H447484		10	2.10	10	0.01	146	<1	3.00	<1	130	13	0.08	<5	<1	49	<20
H447485		10	1.68	10	0.01	181	<1	2.90	1	100	138	0.03	<5	<1	48	<20
H447486		20	1.22	10	0.01	202	3	3.42	3	140	9	0.19	<5	<1	37	<20
H447487		10	0.96	<10	0.02	70	2	2.05	3	100	17	0.15	<5	<1	15	<20
H447488		20	1.24	10	0.03	144	2	2.99	1	140	10	0.15	<5	<1	28	<20
H447489		10	1.03	10	0.04	102	1	2.44	6	110	8	0.13	<5	<1	21	<20
H447490		10	0.38	<10	0.01	37	1	0.93	3	40	10	0.11	<5	<1	10	<20
H447491		10	0.86	<10	0.02	96	<1	2.31	3	70	17	0.04	<5	<1	24	<20
H447492		20	1.53	10	0.02	145	<1	3.10	2	140	60	0.14	<5	<1	23	<20
H447493		10	1.24	10	0.02	108	2	2.51	2	120	80	0.11	<5	<1	21	<20
H447494		10	1.24	10	0.02	193	1	2.63	<1	140	21	0.19	<5	<1	18	<20
H447495		20	2.24	10	0.03	255	1	1.20	<1	130	21	0.21	<5	<1	16	<20
H447496		10	1.04	10	0.01	276	1	2.64	1	120	21	0.26	<5	<1	30	<20
H447497		10	1.33	10	0.02	205	<1	2.57	1	140	9	0.15	<5	<1	21	<20
H447498		20	1.43	10	0.02	266	<1	3.20	1	170	8	0.20	<5	<1	28	<20
H447499		20	1.45	10	0.02	317	<1	3.37	1	140	11	0.27	<5	<1	36	<20
H447500		20	1.52	10	0.02	239	<1	2.96	1	140	9	0.31	<5	<1	39	<20
H449501		10	1.23	10	0.02	171	16	2.72	1	130	5	0.17	<5	<1	34	<20
H449502		10	0.94	<10	0.01	50	1	2.09	1	90	23	0.11	<5	<1	32	<20

Comments: Additional result on Au-AA26 for sample H449520 reports 9.22ppm and addtional results for H449530 report 10.45ppm and 3.56ppm.

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To: **PACIFIC IRON ORE CORPORATION**
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KENORA ON P9N 2K2

Finalized Date: 26-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085163

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H447463		<0.01	<10	<10	1	<10	16
H447464		<0.01	<10	10	1	<10	14
H447465		<0.01	<10	10	<1	<10	23
H447466		<0.01	<10	10	1	<10	29
H447467		<0.01	<10	10	1	<10	42
H447468		<0.01	<10	<10	1	<10	12
H447469		<0.01	<10	<10	<1	<10	8
H447470		<0.01	<10	10	1	<10	4
H447471		<0.01	<10	10	1	<10	12
H447472		<0.01	<10	10	1	<10	11
H447473		<0.01	<10	10	<1	<10	8
H447474		<0.01	<10	10	1	<10	76
H447475		<0.01	<10	10	1	<10	104
H447476		<0.01	<10	<10	1	<10	13
H447477		<0.01	<10	<10	<1	<10	6
H447478		<0.01	<10	10	1	<10	8
H447479		<0.01	<10	10	<1	<10	14
H447480		<0.01	<10	10	1	<10	81
H447481		<0.01	<10	10	1	<10	37
H447482		<0.01	<10	10	1	<10	48
H447483		<0.01	<10	10	1	<10	12
H447484		<0.01	<10	10	1	<10	12
H447485		<0.01	<10	10	<1	<10	45
H447486		<0.01	<10	10	1	<10	24
H447487		<0.01	<10	10	2	<10	15
H447488		<0.01	<10	10	4	<10	30
H447489		<0.01	<10	10	4	<10	24
H447490		<0.01	<10	<10	2	<10	5
H447491		<0.01	<10	10	2	<10	9
H447492		<0.01	<10	<10	2	<10	15
H447493		<0.01	<10	10	3	<10	15
H447494		<0.01	<10	10	2	<10	21
H447495		<0.01	<10	<10	1	<10	49
H447496		<0.01	<10	<10	1	<10	77
H447497		<0.01	<10	10	3	<10	24
H447498		<0.01	<10	10	3	<10	42
H447499		<0.01	<10	10	2	<10	46
H447500		<0.01	<10	10	2	<10	31
H449501		<0.01	<10	10	2	<10	21
H449502		<0.01	<10	10	2	<10	9

Comments: Additional result on Au-AA26 for sample H449520 reports 9.22ppm and addtional results for H449530 report 10.45ppm and 3.56ppm.

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Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085163

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	Au-GRA22 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
H449503		9.60	0.03		<0.5	6.56	<5	710	1.3	2	0.09	<0.5	<1	8	3	0.86
H449504		4.69	0.40		0.8	0.14	<5	30	<0.5	2	<0.01	<0.5	1	32	5	0.68
H449505		4.08	0.10		<0.5	0.21	<5	40	<0.5	<2	0.01	<0.5	<1	22	2	0.36
H449506		7.50	0.04		0.5	4.71	<5	460	0.9	2	0.07	<0.5	<1	14	5	0.66
H449507		5.07	0.15		0.9	5.79	<5	640	1.1	<2	0.10	<0.5	<1	7	4	0.73
H449508		4.30	0.31		1.3	3.40	<5	490	0.8	2	0.02	<0.5	<1	12	2	0.82
H449509		5.47	0.02		<0.5	4.78	<5	410	0.7	<2	0.05	<0.5	<1	12	2	0.56
H449510		4.10	0.11		<0.5	4.65	<5	430	0.8	<2	0.07	<0.5	1	8	4	0.49
H449511		5.00	0.15		11.9	3.14	<5	310	0.6	25	0.05	<0.5	1	13	4	0.43
H449512		4.53	0.12		<0.5	1.89	<5	170	<0.5	<2	0.04	<0.5	1	14	3	0.35
H449513		4.87	0.03		<0.5	5.34	<5	690	1.1	2	0.04	<0.5	1	16	3	0.65
H449514		3.84	0.14		0.9	6.27	<5	660	1.2	2	0.11	<0.5	<1	12	7	0.81
H449515		5.26	0.14		2.2	5.68	<5	550	1.0	4	0.08	<0.5	<1	20	7	0.75
H449516		4.48	0.12		3.0	6.38	<5	790	1.3	7	0.13	0.6	1	11	7	0.80
H449517		4.57	0.06		1.8	6.51	<5	810	1.5	4	0.17	<0.5	<1	13	6	0.81
H449518		5.13	0.11		<0.5	3.28	<5	430	0.8	<2	0.04	<0.5	1	22	1	0.59
H449519		5.52	0.05		6.5	2.56	<5	550	0.6	5	0.01	<0.5	<1	30	5	0.66
H449520		3.63	3.65		7.2	2.85	<5	480	0.9	12	0.04	<0.5	1	25	3	0.75
H449521		4.45	0.02		0.5	1.35	<5	230	<0.5	<2	0.01	<0.5	1	41	2	0.41
H449522		3.33	0.33		0.5	1.30	<5	210	<0.5	2	0.01	<0.5	<1	27	1	0.38
H449523		3.36	0.06		0.6	5.54	<5	570	1.0	<2	0.08	<0.5	<1	13	2	0.74
H449524		6.27	0.63		2.8	5.13	<5	850	1.3	3	0.22	0.5	1	18	31	1.86
H449525		1.90	0.34		0.5	6.79	<5	720	1.6	<2	0.31	0.5	<1	11	5	0.99
H449526		6.29	0.13		2.0	6.14	<5	630	1.2	5	0.15	<0.5	1	14	4	0.90
H449527		5.11	0.12		4.4	5.40	<5	570	1.1	10	0.08	<0.5	1	20	4	0.80
H449528		3.77	1.77		2.5	6.71	<5	750	1.4	3	0.14	0.8	<1	9	4	1.05
H449529		3.51	0.21		1.1	6.32	<5	730	1.2	3	0.10	<0.5	<1	8	4	0.76
H449530		5.43	5.86		3.5	5.91	<5	660	1.1	6	0.07	<0.5	<1	12	2	0.80
H449531		3.01	>100	106.0	15.9	1.91	<5	230	<0.5	12	0.03	<0.5	<1	27	1	0.35
H449532		5.87	0.06		1.2	5.96	<5	770	1.1	4	0.13	<0.5	<1	10	5	0.60
H449533		2.69	0.18		<0.5	6.48	<5	1220	1.1	<2	0.15	<0.5	<1	8	5	0.68
H449534		7.83	0.07		0.7	6.08	<5	830	1.0	2	0.14	<0.5	<1	10	8	0.58
H449535		7.39	0.35		0.9	5.51	<5	780	1.2	3	0.07	<0.5	1	16	2	0.71
H449536		5.18	<0.01		<0.5	7.30	<5	60	<0.5	<2	6.17	<0.5	39	77	137	8.40
H449537		8.18	<0.01		<0.5	7.79	<5	60	<0.5	<2	6.94	<0.5	41	75	111	8.18
H449538		6.83	<0.01		<0.5	7.49	5	60	<0.5	<2	6.66	<0.5	41	77	112	8.31
H449539		7.02	<0.01		<0.5	7.73	<5	60	<0.5	<2	6.47	<0.5	42	79	137	8.89
H449540		6.08	<0.01		<0.5	7.45	<5	110	<0.5	<2	6.67	<0.5	41	75	128	8.30
H449541		5.61	<0.01		<0.5	7.46	<5	100	<0.5	<2	6.02	<0.5	39	68	131	8.49
H449542		4.27	<0.01		<0.5	7.59	<5	90	<0.5	<2	6.00	<0.5	41	70	122	8.32

Comments: Additional result on Au-AA26 for sample H449520 reports 9.22ppm and addtional results for H449530 report 10.45ppm and 3.56ppm.

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

Finalized Date: 26-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085163

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20
H449503		20	1.53	10	0.02	131	<1	2.92	<1	140	9	0.19	<5	<1	46	<20
H449504		<10	0.06	<10	<0.01	27	4	0.01	1	10	9	0.41	<5	<1	<1	<20
H449505		<10	0.09	<10	0.01	28	1	0.02	1	<10	9	0.03	<5	<1	<1	<20
H449506		10	1.00	10	0.02	112	1	2.27	1	100	21	0.14	<5	<1	31	<20
H449507		10	1.47	10	0.02	248	1	2.29	<1	100	17	0.22	<5	<1	22	<20
H449508		10	1.12	<10	0.02	78	2	0.91	<1	70	105	0.35	<5	<1	7	<20
H449509		10	0.96	10	0.02	75	<1	2.36	1	110	11	0.09	<5	<1	22	<20
H449510		10	0.87	<10	0.01	90	<1	2.37	<1	90	22	0.06	<5	<1	35	<20
H449511		10	0.72	<10	0.01	132	1	1.37	1	70	641	0.09	<5	<1	18	<20
H449512		<10	0.38	<10	0.01	68	<1	0.90	1	40	16	0.02	<5	<1	17	<20
H449513		10	1.61	<10	0.05	82	1	1.62	3	100	16	0.02	<5	<1	19	<20
H449514		20	1.42	10	0.03	226	1	3.14	4	140	22	0.22	<5	<1	43	<20
H449515		20	1.22	10	0.03	179	1	2.68	2	130	88	0.12	<5	<1	32	<20
H449516		20	1.59	10	0.02	189	<1	3.27	2	150	97	0.17	<5	<1	54	<20
H449517		20	1.66	10	0.02	252	<1	3.37	1	160	46	0.26	<5	<1	50	<20
H449518		10	1.11	<10	0.02	97	1	0.81	2	70	14	0.12	<5	<1	11	<20
H449519		10	1.10	10	0.07	36	7	0.34	1	110	49	0.18	<5	1	6	<20
H449520		10	1.35	10	0.07	78	4	0.15	2	100	114	0.20	<5	1	4	<20
H449521		10	0.60	<10	0.03	38	3	0.12	1	20	6	0.04	<5	<1	2	<20
H449522		<10	0.51	<10	0.02	33	7	0.22	2	20	13	0.04	<5	<1	2	<20
H449523		10	1.41	10	0.03	69	1	2.21	1	130	16	0.11	<5	<1	25	<20
H449524		20	2.24	30	0.09	293	11	0.57	1	230	71	1.19	<5	1	12	<20
H449525		20	1.76	10	0.06	311	<1	3.11	1	180	15	0.31	<5	1	46	<20
H449526		20	1.46	10	0.03	172	6	2.63	1	140	47	0.30	<5	<1	41	<20
H449527		10	1.37	10	0.03	133	5	2.13	1	120	126	0.20	<5	<1	30	<20
H449528		20	1.75	30	0.04	178	5	2.66	1	170	58	0.22	<5	<1	55	<20
H449529		20	1.59	10	0.03	96	1	2.87	1	150	76	0.17	<5	<1	45	<20
H449530		20	1.51	10	0.03	83	3	2.41	1	140	98	0.08	<5	<1	33	<20
H449531		10	0.51	<10	0.01	44	6	0.73	<1	40	75	0.02	<5	<1	12	<20
H449532		20	1.44	10	0.01	120	<1	3.39	1	140	30	0.08	<5	<1	50	<20
H449533		20	2.26	10	0.01	162	<1	3.35	1	160	24	0.05	<5	<1	60	<20
H449534		10	1.36	10	0.01	233	1	3.44	1	140	21	0.14	<5	<1	42	<20
H449535		10	1.69	10	0.02	153	1	1.82	<1	100	21	0.06	<5	<1	31	<20
H449536		20	0.20	<10	3.35	1650	<1	1.61	55	430	<2	0.09	<5	44	115	<20
H449537		20	0.21	<10	3.21	1615	<1	1.83	58	440	2	0.07	<5	45	173	<20
H449538		20	0.23	<10	3.28	1620	<1	1.67	58	460	4	0.07	<5	40	110	<20
H449539		20	0.24	<10	3.51	1675	<1	1.88	61	440	2	0.09	<5	46	117	<20
H449540		20	0.36	<10	3.18	1615	<1	1.42	57	440	2	0.05	<5	42	121	<20
H449541		20	0.34	<10	3.38	1615	<1	1.63	58	440	3	0.05	<5	44	105	<20
H449542		20	0.26	<10	3.33	1630	<1	1.78	56	440	3	0.09	<5	46	105	<20

Comments: Additional result on Au-AA26 for sample H449520 reports 9.22ppm and addtional results for H449530 report 10.45ppm and 3.56ppm.

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1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 26-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085163

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H449503		<0.01	<10	10	1	<10	50
H449504		<0.01	<10	<10	1	<10	<2
H449505		<0.01	<10	<10	1	<10	<2
H449506		<0.01	<10	10	1	<10	22
H449507		<0.01	<10	10	2	<10	28
H449508		<0.01	<10	<10	1	<10	84
H449509		<0.01	<10	10	3	<10	32
H449510		<0.01	<10	10	1	<10	17
H449511		<0.01	<10	<10	1	<10	59
H449512		<0.01	<10	10	<1	<10	11
H449513		<0.01	<10	10	3	<10	19
H449514		<0.01	<10	10	2	<10	30
H449515		<0.01	<10	10	2	<10	42
H449516		<0.01	<10	10	1	<10	97
H449517		<0.01	<10	10	1	<10	61
H449518		<0.01	<10	<10	2	<10	30
H449519		0.02	<10	<10	12	<10	6
H449520		0.02	<10	<10	11	<10	41
H449521		<0.01	<10	<10	5	<10	5
H449522		<0.01	<10	<10	3	<10	4
H449523		<0.01	<10	10	5	<10	29
H449524		0.05	<10	<10	6	<10	133
H449525		0.01	<10	10	5	<10	77
H449526		<0.01	<10	10	3	<10	51
H449527		<0.01	<10	10	3	<10	32
H449528		0.02	<10	<10	2	<10	116
H449529		<0.01	<10	10	2	<10	23
H449530		<0.01	<10	10	2	<10	21
H449531		<0.01	<10	<10	1	<10	7
H449532		<0.01	<10	10	<1	<10	20
H449533		<0.01	<10	10	1	<10	16
H449534		<0.01	<10	10	1	<10	36
H449535		<0.01	<10	10	1	<10	30
H449536		0.72	<10	<10	336	<10	112
H449537		0.75	<10	<10	357	<10	107
H449538		0.76	<10	<10	358	<10	110
H449539		0.75	<10	<10	362	<10	120
H449540		0.74	<10	<10	353	<10	113
H449541		0.73	<10	<10	346	<10	113
H449542		0.74	<10	<10	349	<10	119

Comments: Additional result on Au-AA26 for sample H449520 reports 9.22ppm and addtional results for H449530 report 10.45ppm and 3.56ppm.

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1546 PINE PORTAGE ROAD
KENORA ON P9N 2K2

Finalized Date: 26-AUG-2009
Account: PJV

Project: ST. ANTHONY CHANNEL SAMPLES

CERTIFICATE OF ANALYSIS TB09085163

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	Au-GRA22 Au ppm 0.05	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
H449543		5.89	<0.01		<0.5	7.74	<5	80	<0.5	<2	6.64	<0.5	39	69	132	8.22
H449544		5.77	<0.01		<0.5	7.86	<5	80	<0.5	<2	5.61	<0.5	41	74	132	8.87
H449545		4.60	<0.01		<0.5	7.76	<5	70	<0.5	<2	6.35	<0.5	42	73	155	8.87
H449546		6.56	<0.01		<0.5	7.60	<5	70	<0.5	<2	6.13	<0.5	40	68	153	8.44
H449547		4.01	<0.01		<0.5	7.50	<5	80	<0.5	<2	6.43	<0.5	42	69	131	8.68

Comments: Additional result on Au-AA26 for sample H449520 reports 9.22ppm and addtional results for H449530 report 10.45ppm and 3.56ppm.

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CERTIFICATE OF ANALYSIS TB09085163

Sample Description	Method Analyte Units LOR	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20
H449543		20	0.30	<10	3.20	1565	<1	1.93	55	450	<2	0.07	<5	45	170	<20
H449544		20	0.29	<10	3.52	1750	<1	1.76	60	470	3	0.07	<5	46	108	<20
H449545		20	0.27	<10	3.34	1740	<1	1.90	60	450	4	0.07	<5	46	117	<20
H449546		20	0.25	<10	3.24	1625	<1	1.91	56	410	2	0.13	<5	43	222	<20
H449547		20	0.32	<10	3.30	1640	<1	1.84	60	430	3	0.07	<5	45	132	<20

Comments: Additional result on Au-AA26 for sample H449520 reports 9.22ppm and addtional results for H449530 report 10.45ppm and 3.56ppm.

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Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H449543		0.74	<10	<10	352	<10	103
H449544		0.75	<10	<10	366	<10	121
H449545		0.75	<10	<10	356	<10	117
H449546		0.70	<10	<10	342	<10	107
H449547		0.73	<10	<10	355	<10	116

Comments: Additional result on Au-AA26 for sample H449520 reports 9.22ppm and addtional results for H449530 report 10.45ppm and 3.56ppm.

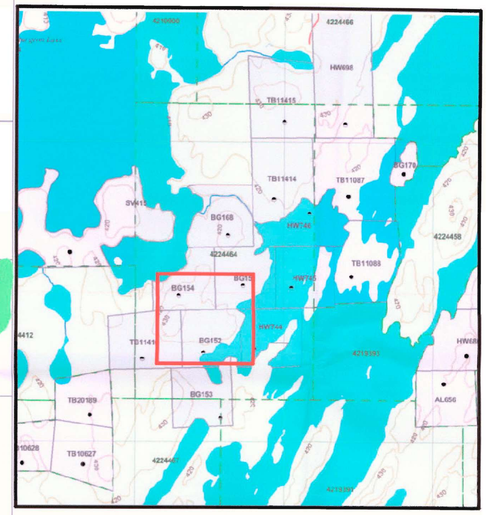
St. Anthony Mine Area

- Area of stronger seric altn & qtz veining
- Ank - Ankerite altn
- QFP St. Anthony Pluton
- Gb - Gabbro
- MV - Mafic Volcanic
- 2009 Channel Composites

Pacific Iron Ore Corporation
Squaw Lake Area (G-3140)
Patricia Mining Division Ontario

UTM - NAD83 Zone 15

50 meters



Area of detailed channel sampling

666 200E 300E 400E 500E 600E 700E 800E

555 3200N 3100N 3000N 2900N 2800N 2700N 555 2600N

N

SWAMP

TAILINGS

OLD PIT

COUTURE LAKE

OLD ROAD

Raise + Drif

ORE PILE

OLD DRAIN

#PA4224464

SRO TB11416

POND

MAIN SHAFT

AIR VENT

HIGH WD

DECLINE SHAFT

WD

PIT

Old Trench

#2 Zone

Zone

FP Dyke

Old Road

Air Shaft

Diorite Zone

COUTURE LAKE

RECEIVED
NOV 05 2009
GEOSCIENCE ASSESSMENT
OFFICE

2.43134

ONTARIO CANADA

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

PROVINCIAL MINING RECORDER'S OFFICE

Mining Land Tenure Map

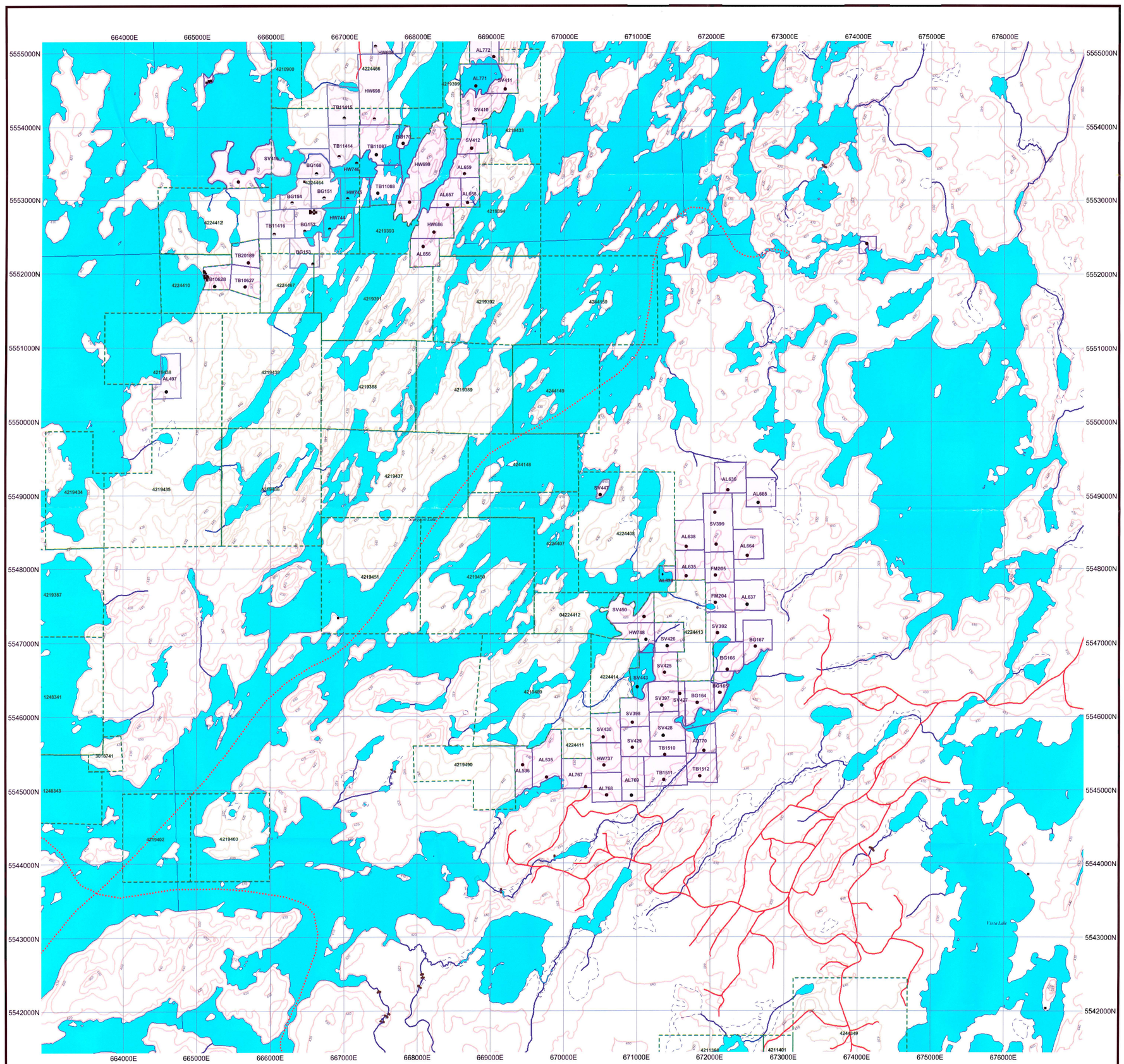
Date / Time of Issue: Mon Aug 17 15:41:26 EDT 2009

TOWNSHIP / AREA **PLAN**

SQUAW LAKE AREA **G-3140**

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Patricia
Land Titles/Registry Division	THUNDER BAY
Ministry of Natural Resources District	DRYDEN



UTM Zone 15
1000m grid

TOPOGRAPHIC

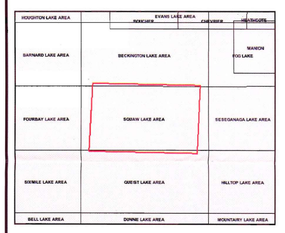
- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

Freehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Leasehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Licence of Occupation
- Uses Not Specified
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only
- LUP: Land Use Permit
- OIC: Order In Council (Not open for staking)
- WPLA: Water Power Lease Agreement
- 1234567: Mining Claim
- 1234567: Filed Only Mining Claims



LAND TENURE WITHDRAWALS

1234 — Areas Withdrawn from Disposition

Mining Acts Withdrawal Types
- Wsm: Surface And Mining Rights Withdrawn
- Ws: Surface Rights Only Withdrawn
- Wm: Mining Rights Only Withdrawn

Order In Council Withdrawal Types
- W"sm: Surface And Mining Rights Withdrawn
- W"s: Surface Rights Only Withdrawn
- W"m: Mining Rights Only Withdrawn

Ns — IMPORTANT NOTICES

Scale 1:20000

700m 0m 2.1km

LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
W-52/83	Wsm	Jan 1, 1983	SURFACE AND MINING RIGHTS WITHDRAWN W-52/83 FILE 188542

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations

Contact Information:
Provincial Mining Recorders' Office
Willet Green Miller Center 933 Ramsey Lake Road
Sudbury ON P3E 6B5
Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mlemnpge.htm

Toll Free
Tel: 1 (888) 415-9845 ext 5742
Fax: 1 (877) 670-1444

Map Datum: NAD 83
Projection: UTM (6 degree)
Topographic Data Source: Land Information Ontario
Mining Land Tenure Source: Provincial Mining Recorder's Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licenses, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.

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ONTARIO CANADA

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

PROVINCIAL MINING RECORDER'S OFFICE

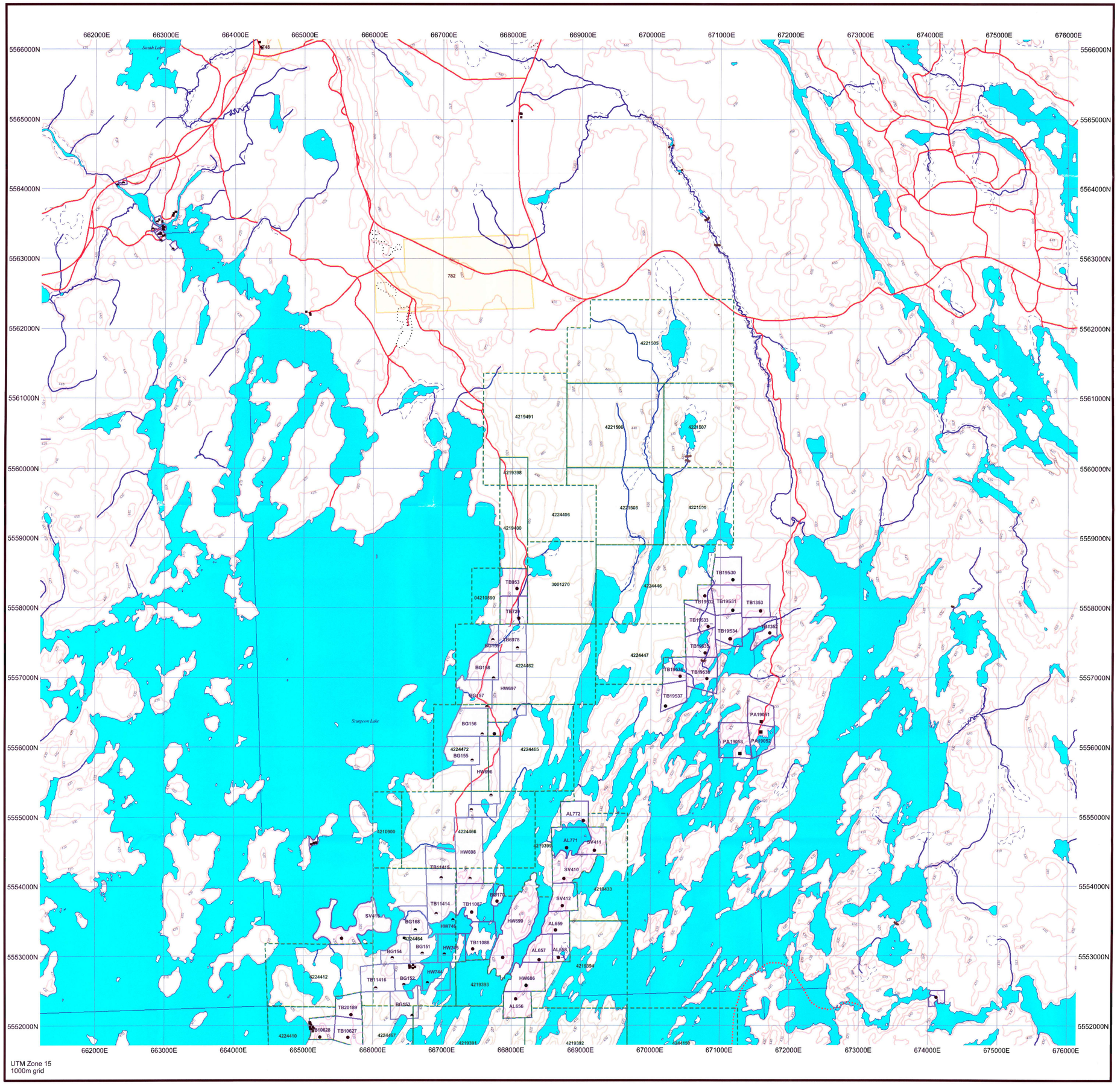
Mining Land Tenure Map

Date / Time of Issue: Mon Aug 17 16:12:12 EDT 2009

TOWNSHIP / AREA	PLAN
BECKINGTON LAKE AREA	G-2532

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Patricia
Land Titles/Registry Division	THUNDER BAY
Ministry of Natural Resources District	DRYDEN



TOPOGRAPHIC

- Administrative Boundaries
  - Township
  - Concession, Lot
  - Provincial Park
  - Indian Reserve
  - Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

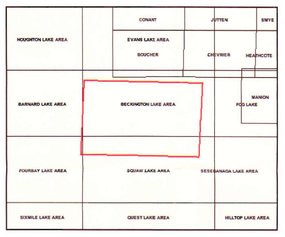
Land Tenure

Freehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Leasehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Licence of Occupation
- Uses Not Specified
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

- LEP: Land Use Permit
- OIC: Order In Council (Not open for staking)
- WPLA: Water Power Lease Agreement
- 1234567: Mining Claim
- 1234567: Filed Only Mining Claims



LAND TENURE WITHDRAWALS

1234 — Areas Withdrawn from Disposition

Mining Acts Withdrawal Types
- Wsm: Surface And Mining Rights Withdrawn
- Ws: Surface Rights Only Withdrawn
- Wm: Mining Rights Only Withdrawn

Order In Council Withdrawal Types
- W*sm: Surface And Mining Rights Withdrawn
- W*s: Surface Rights Only Withdrawn
- W*m: Mining Rights Only Withdrawn

Ns — IMPORTANT NOTICES

Scale 1:21023

800m 0m 2.4km

LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
707	Wsm	Jan 1, 2001	P.3361-13
734	Wsm	Jan 1, 2001	RESERVED FOR PUBLIC USE S.R.O.
748	Wsm	Jan 1, 2001	P.3361-28
782	Ws	Jan 1, 2001	SEC 43/70 18/10/71 S.R.O. 143788
W.36/74	Ws	Jan 1, 1980	SEC 43/70 W.36/74 27/6/74 S.R.O. 143788
W14/87	Ws	Feb 4, 1987	O.C. CL8213 OPP TOWER W14/87 04/02/87 SRO 188555
W-52/83	Wsm	Jan 1, 1983	SURFACE AND MINING RIGHTS WITHDRAWN W-52/83 FILE 188542

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations

Contact Information:
Provincial Mining Recorders' Office
Willet Green Miller Center 933 Ramsey Lake Road
Sudbury ON P3E 6B5
Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Toll Free
Tel: 1 (888) 415-9845 ext 5742
Fax: 1 (877) 670-1444

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St. Anthony Mine Area

- Area of stronger seric altn & qtz veining
- Ank - Ankerite altn
- QFP St. Anthony Pluton
- Gb - Gabbro
- MV - Mafic Volcanic
- 2009 Channel Composites

Pacific Iron Ore Corporation
Squaw Lake Area (G-3140)
Patricia Mining Division Ontario

UTM - NAD83 Zone 15

50 meters

666 200E 300E 400E 500E 600E 700E 800E

555 3200N 3100N 3000N 2900N 2800N 2700N 2600N 555

N

SRO BG-154
SRO BG-151
SRO BG-152
SRO TB11416
#PA42244645
TAILINGS
SWAMP
OLD PIT
COUTURE LAKE
OLD ROAD
Raise + Drif
ORE PILE
OLD DRAIN
OLD TRENCH
MAIN SHAFT
AIR VENT
HIGH WD
DECLINE SHAFT
POND
#2 Zone
OLD
Old Trench
Zone
FP Dyke
Air Shaft
Old Road
Diorite Zone
WD
PIT