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PACIFIC IRON ORE CORPORATION

c/o Suite 1 – 35 Paterson Street
Kenora, Ontario P9N 3S1

-FLUORITE (CaF_2) REPORT-

SCARP LAKE (Big Goose Lake) Cu-Au-Ag-REE-F PROJECT
Garnet Bay (Eagle Lake) Area
Map Sheet G.2531
Kenora Mining Division – 10

Prepared By

Alasdair J. M. Mowat
Technical Mining Engineer
November 22nd, 2015

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PACIFIC IRON ORE CORPORATION

-FLUORITE (CaF₂) REPORT-

Scarp Lake (Big Goose Lake) Cu-Au-Ag-REE-F Project

Project/Property Name: Scarp Lake (Big Goose Lake) (**figure 1**)

Location: Kenora Mining Division of Ontario – 10
Garnet Bay (Eagle Lake) Area – Map Sheet G.2581
Co-ordinates – Lat. 49 degrees 38' N by Long. 93 degrees 28' W
Datum – NAD 83, Zone 15 (466900mE by 5498600mN)

Mineral Commodities: Copper, Gold, Silver, REE and Fluorite

Recorded Mining Claim: K.1238091 (**figure 2**)

Ownership: (100%) - Pacific Iron Ore Corporation
c/o Suite 1 - 1546 Pine Portage Road
Kenora, Ontario P9N 3S1

Client No.: 406253

Access: The property is located about 25 km southwest of the Village of Eagle River; south of Hwy # 17 to the west end of Detour Point boat launch; then an one hour boat trip up the Piskagomang River to the southeastern shore of Scarp Lake (Big Goose Lake). A 400m flagged trail leads to the prospect.

History: The area was mapped in 1955 by Ontario Government Geologists Davis and Watowich. A report and map #1956-3, Populus Lake Area, scale 1:31,680 (1 inch to ½ mile) were produced.

The Scarp Lake Cu-Au showing was discovered in 1996.

Pacific Iron's (Emerald Fields') assessment work to date consists of trenching, geology, an airborne Mag - EM survey, diamond drilling and assaying.

Property Geology: The geology map of this region describes the Scarp Lake (Big Goose) as being divided into two northeast trending sections – west and east. The west section is underlain by a 300 - 800m thick unit of altered mafic flows and tuffs. West of this mafic group is a 150 - 200m thick units of arkose to arkosic greywacke intruded by a granitic body. Southeast

from this mafic/sedimentary group is the "Higbee lake" granodiorite intrusive complex with sections having blue quartz- eyes. All units have been overturned to the west. The pattern of faulting and shearing is generally northeasterly and southeasterly. All rock units are of Precambrian age.

Within the east group lies the Scarp Lake Cu-Au showing. The occurrence is highly gossaned with malachite and azurite staining over an exposed area of about 10 by 30 meters. A fresh rock sample consists of veins, stringers, blebs and disseminations of chalcopyrite. Previous reported surface assays returned Cu values between 4.38 to 7.68 %, 1.0 to 1.87 ppm Au and 46.0 to 60.0 ppm Ag.

The drill program consisted of 2 drill set-ups – 2 holes per set-up – totalling 4 holes (255 meters) - (**figure 3**). All holes intersected the Cu bearing zone. The zone thickens and gently plunges to the east and likewise; however, steeper to the south. The showing coincides with an airborne geophysical magnetic low anomaly, a strike length of approximately 1.8 kilometers. The western drill set-up 'A' weighted Cu assayed for drill hole # SL-1 is 0.72 % over 26.60 meters with a core 6.70m section running 1.17 % Cu. At the same set-up, ddh # SL-2 assayed 0.72 % over 27.8 meters with an 11.30m zone averaging 1.17 % - (**figure 4**). The next drill set-up 'B' located 50m northeast consisted of 2 drill holes #SL-3 and -4best. Number 3 has an intersection of 0.70 % across 2.0 meters and #SL-4 assayed 0.56 % over similar length. The Cu mineralization in this area is mainly disseminated.

The stockwork and alteration (chlorite and biotite) of the Cu-Au-Ag bearing zone is more in keeping with an underlying hydrothermal system.

PROGRAM

Date of Survey: November 03rd, 2015

Field Survey Type: Drill core

Analytical Laboratory: ALS Minerals Division/Geochemistry, Thunder Bay, Ontario

Analytical Methods: Administration Fee (BAT-01), Sample Preparation Package (PREP-31), Au Assay ICP (50 gm Au-22 Multi-element 48 elements and REE ME-MS61r) and Fluorine (F-IC881), Over limit assay Ag 4 acid (Ag-OG62) and Cu (Cu-OG62). (Table #1)

Survey Purpose: To verify the presents of fluorite mineralization within the Scarp Lake Occurrence.

Methodology: Three core samples were removed from drill hole #SL-2 stored at 1546 Pine Portage Road, Kenora ON. Since, the remaining half split core from drill hole #SL-1 was not available for testing. The core had been previously submitted – July 12, 2010 - for additional work and likewise sample #328366 (from 4.70 to 7.00 m) had been removed from hole #SL-2. Therefore, the use of the half core from hole #SL-2. The new assay samples are **C141701**

(---2---)

(Representing tag #328367 – Box #1 from 7.00 to 10.00 m), **C141702** (representing tag #328368 – Box #1&2 from 10.00 to 13.00 m) and **C1417013** (representing tag #328381 – Box #6 from 37.00 to 38.50 m) – (**figure 5**).

The two new assays **C141701** and **C141702** represent 6.00 m of the top portion of the “Sulphide zone” and **C141703** represents 1.50 m of the footwall “Granodiorite/Trondhjemite (?)”. The original core size was 30 mm. The submitted weights for the samples are 2.53, 2.39 and 1.31 kg, respectively.

DISCUSSION

The Scarp Lake Cu-Au-Ag-REE and F occurrence lies within the “Higbee” granodiorite intrusive complex. The complex is classified as Precambrian (Algoman?) in age after Davies et al 1956. The body is elliptical in shape, oriented northeasterly, approximately 20 kilometers by about 5 kilometers southeasterly. Its configuration is the result of regional deformation. The body is bounded on its southeast side by the Mulcahy ultramafic intrusive (pre-Algoman?) and its northern boundary in contact with a mafic volcanics - metasediments of Keewatin age. The Higbee unit is composed of hornblende diorite, hornblende quartz diorite and “blue quartz eye” granodiorite.

Referring to MNDM Kenora Resident Library assessment report No.2.30755 prepared for “Emerald Fields Resource Corporation – SCARP LAKE (BIG GOOSE LAKE) PROJECT 2005 Diamond Drill Program SL-1, -2, -3 & -4 by Mowat and Pryslak, dated October 24th, 2005”. Noted within the report’s results section 1/. Paragraph one is the following comment: “Also noted; particularly, in ddh SL-1, after core splitting, the prominence of fluorite (fluorite) associated with quartz+/- calcite veins - </-10 mm. The fluorspar seems to occupy about 50% of the vein material.”

COMMENTS

This new chemistry - dated November 21st, 2015 - does support the visual interpretation of the drill core. A summary of the results follow. (The light numbers represent previous assay results.) (**figure 6**):

-**C141701** (328367) Cu 1.095% (1.11%), Zn 222 ppm (216), Au 0.104 ppm (0.09), Ag 10.5 ppm (9.3). Calcite (Ca) 3.39% t and Fluorine (F) 1.705%.

-**C141702** (328368) Cu 1.11% (1.00), Zn 190 ppm (164), Au 0.357 ppm (0.10), Ag 8.45 ppm (6.9). Ca 5.32% and F > 2%.

-**C141703** (328381) Cu 36.6 ppm (0.005), Zn 24 ppm (19), Au 0.001 ppm (<0.01), Ag 0.08 ppm (0.3). Ca 1.48 and F 720 ppm.

(---3---)

CONCLUSION

The chemistry does support the presence of very anomalous fluorite in the >2% (40 lb/st) range within, at least, the upper portion of the sulphide zone and within the underlying footwall contact with the granodiorite/trondhjemite – (**figure 7**).

The cost of the fluorine chemistry can be quite prohibitive; however, using an ultraviolet lamp (black lamp) – short and long wave – would be of benefit and cost value in interpreting the rock/core chemistry.

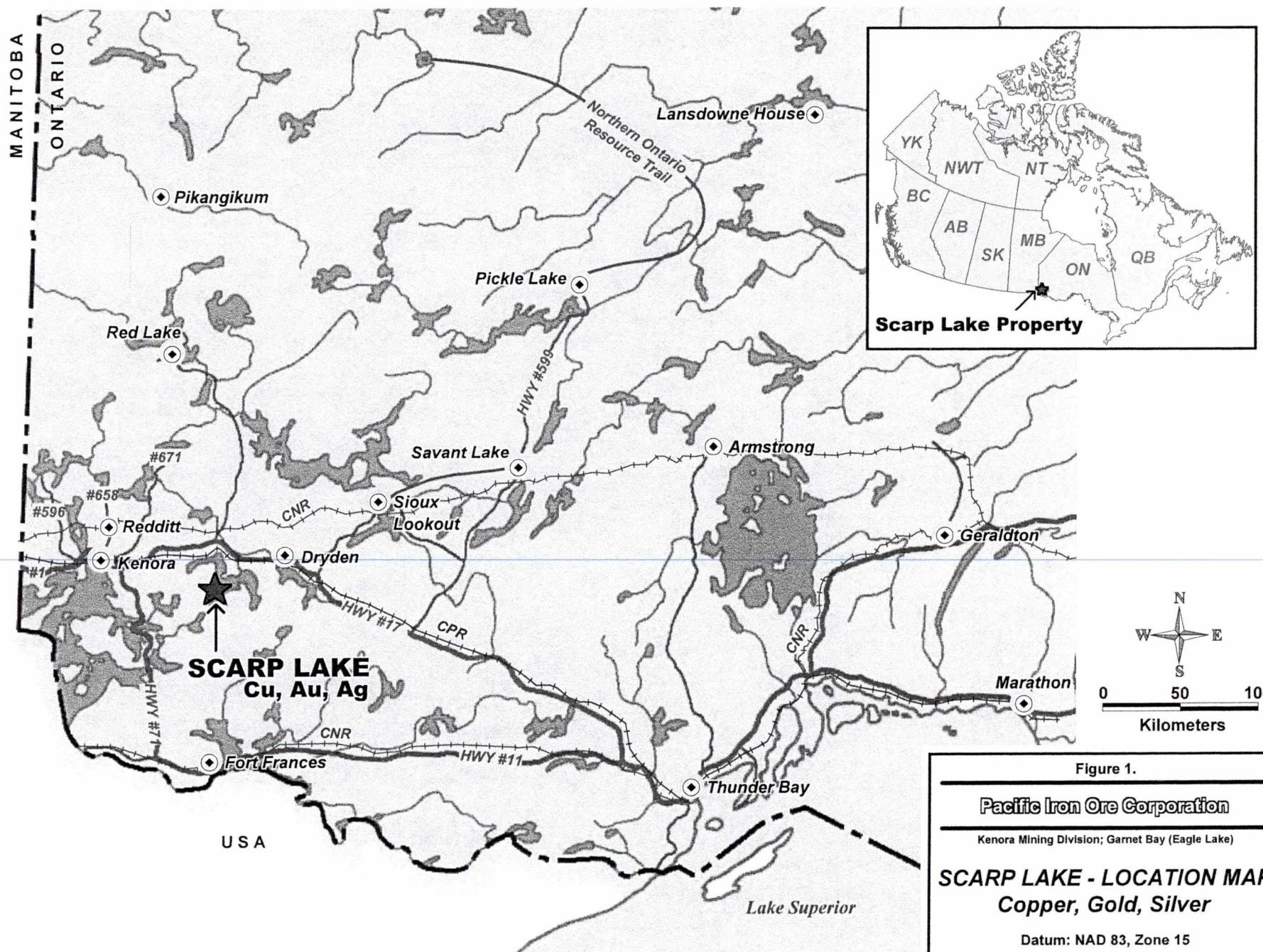
FOLLOW-UP

The Corporation is preparing a follow-up drill program and ground cover chemistry for 2016-17 amounting to a minimum of \$400,000. The fluorite adds another monetary value and a chemical signature that can be used in identifying and tracing the known base metal zone.

Report prepared by and for Pacific Iron Ore Corporation:



Alasdair J.M. Mowat
Technical Mining Engineer
Haileybury School of Mine



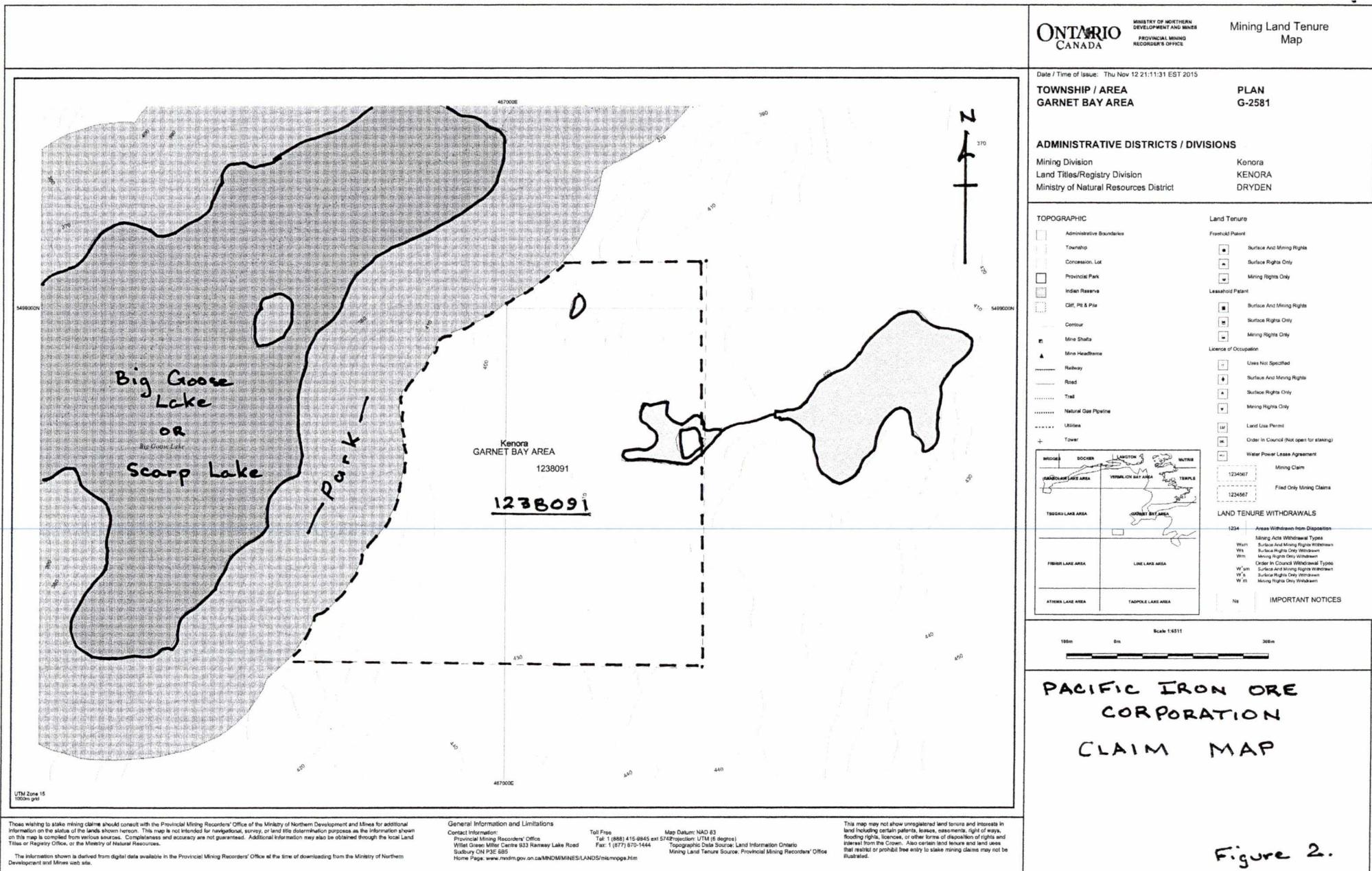
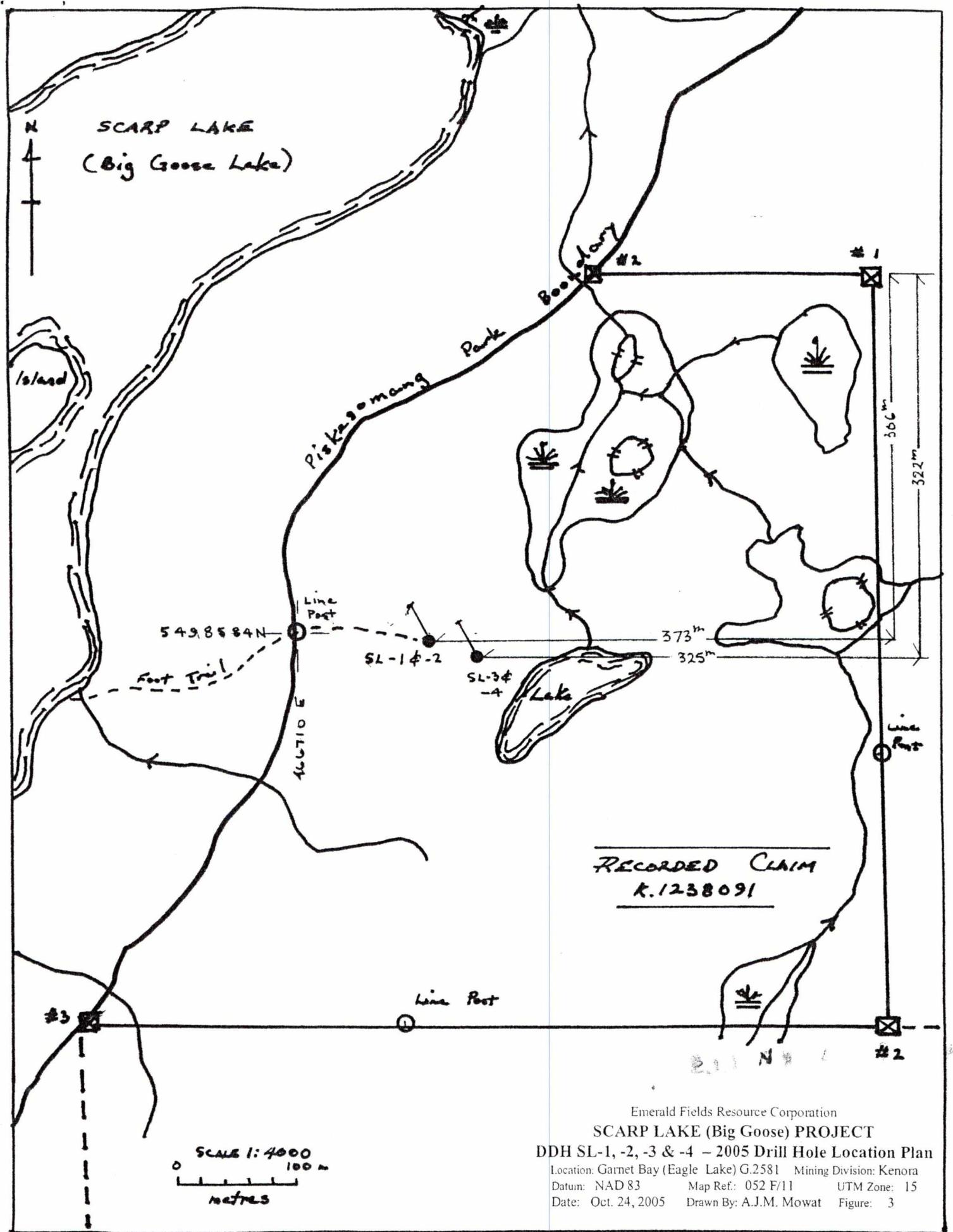


Figure 2.



Emerald Fields Resource Corporation
SCARP LAKE (Big Goose) PROJECT
DDH SL-1, -2, -3 & -4 – 2005 Drill Hole Location Plan

X-Section Facing Azimuth 070 degrees

5498580 N
by 466812 E

Elevation

400m

5498600

TRONDHJEMITE

Trench

SL-1 @-45
& SL-2 @-60
azim. 340

SULPHIDE

ZONE

chalcopyrite &
pyrite

Chlorite

Fluorite

SULPHIDE ZONE

chalcopyrite & pyrite
(Cu, Ag, Au)

S > Biotite

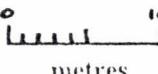
Corneal

TRONDHJEMITE (?)

PINK GRANITE

Corneal

Scale 1: 500



20

30

40

50

Emerald Fields Resource Corporation

SCARP LAKE (Big Goose) PROJECT
DDH SL-1 & -2 - 2005 Drill hole X-Section

Location: Garnet Bay (Eagle Lake) G2581 Mining Division, Kenora
Datum: NAD 83 Map Ref: 052 F 11 UTM Zone: 15
Date: Oct 24, 2005 Drawn By: A.J.M. Mowat Figure: 4.



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Drill Log

Journal de forage

Page 1 of / de 1

Under section 7 of the *Mining Act*, this information is used to maintain a public record. / Aux termes de l'article 7 de la *Loi sur les mines*, ces renseignements serviront à tenir à jour les dossiers publics.

Hole ID / Forage n° SL-2	Claim No. / N° de concession minière K.1238091	Township/Area / Canton Garnet Bay (G-2531)
-----------------------------	--	---

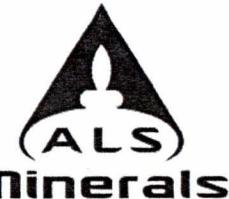
Name of Land Holder / Nom du titulaire PACIFIC IRON ORE CORPORATION	Azimuth 340 degrees	Dip / Inclinaison -60 degrees	End of Hole (m) / fin de forage (m) 63.00 m	Overburden Depth / profondeur des morts-terrains 4.70 m @ -60
--	------------------------	----------------------------------	--	--

Drilling Company / Compagnie de forage SUMMIT DRILLING SERVICES HAMMER, ON P3P 1R2	Logged by (print) / Inscrit par (écrire en lettres moulées) ALASDAIR J.M. MOWAT	Core Size / Dimensions de la carotte 30 mm	Collar Elevation / Elévation du collier 381.5 m
--	---	---	---

Date Hole Started (yyyy/mm/dd) / Date de commencement du forage (aaaa/mm/jj) 2005/10/10	Date Completed (yyyy/mm/dd) / Date d'achèvement (aaaa/mm/jj) 2005-10-13	Date Logged (yyyy/mm/dd) / Date d'inscription au journal (aaaa/mm/jj) 2015-11-03	Location of Core Storage / Endroit où la carotte est stockée 1546 Pine Portage Rd, Kenora, ON
--	---	---	---

Footage / Avancement		Rock type / type de roche	Description (Colour, grain size, texture, minerals, alteration, etc.) / Description (Couleur, granulométrie, texture, minéraux, transformation, etc.)	Planar Feature Angle * / Angle des caractéristiques planes	Core Specimen Footage / Longueur en pieds des carottes prélevées	Your Sample No. / N° d'echantillon du prospecteur	Sample Footage / Niveau de prélevement de l'échantillon (en pieds)		Sample Length / Longueur de l'échantillon	Assays / Analyses minéralurgiques	
From / De	To / À						From / De	To / À		Commodity / Produit de base	
From / De	To / À									F ppm	F %
0.00	4.70	Overburden	Boulders, gravel and clay								
4.70	31.60	Sulphide	Refer to Report Noted Assessment Document 2.30755			C141701	7.00	10.00	3.00	17050	1.705
		Zone	Dated Oct,31, 2005 by Mowat & Pryslak			C141702	10.00	13.00	3.00	20000	>2.0
31.60	61.50	Trondhjemite	ditto			C141703	37.00	38.50	1.50	720	0.072
61.50	63.00	Granite/									
		Granodiorite	ditto								
63.00	E.O.H.	End of Hole									

*For features such as foliation, bedding, schistosity, measured from the long axis of the core. / *Exemples de caractéristiques : foliation, schistosité, stratification. L'angle est mesuré par rapport à l'axe longitudinal de la carotte.



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Figure 6.

CERTIFICATE TB15170555

This report is for 3 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 4- NOV- 2015.

The following have access to data associated with this certificate:

PERRY H.

AL MOWAT

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

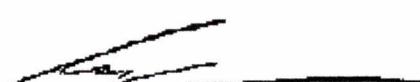
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME- MS61r	48 element four acid ICP- MS + REEs	
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES
Cu- OG62	Ore Grade Cu - Four Acid	VARIABLE
F- IC881	F - KOH fusion and IC	
Au- ICP22	Au 50g FA ICP- AES finish	ICP- AES

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

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

***** See Appendix Page for comments regarding this certificate *****

Signature: 
Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS TB15170555

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP22	ME-MS61r												
		Revd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
		kg	ppm	ppm	%	ppm										
C141701		2.53	0.104	10.50	2.63	5.1	60	0.43	17.60	3.39	1.03	41.0	32.8	16	1.96 >10000	
C141702		2.39	0.357	8.45	3.06	2.0	80	0.39	54.3	5.32	0.77	75.1	25.5	16	2.70 >10000	
C141703		1.31	0.001	0.08	5.84	1.8	320	1.38	0.19	1.48	0.05	97.1	2.3	20	0.88 36.6	



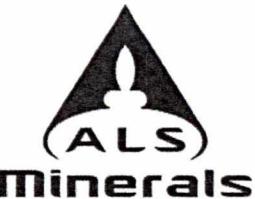
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CERTIFICATE OF ANALYSIS TB15170555

Sample Description	Method Analyte Units LOR	ME-MS61r														
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
C141701		9.72	15.35	0.10	1.7	2.66	1.18	18.6	14.5	0.98	1720	8.21	0.70	7.4	14.0	70
C141702		9.83	16.20	0.17	2.1	3.49	1.48	34.0	23.4	1.20	2120	9.35	0.79	8.3	9.2	70
C141703		1.81	20.2	0.16	6.2	0.065	1.01	44.2	6.7	0.14	460	1.70	3.63	22.8	3.9	160



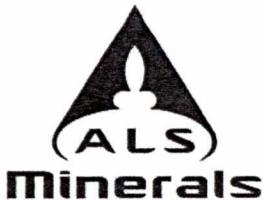
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CERTIFICATE OF ANALYSIS TB15170555

Sample Description	Method Analyte Units LOR	ME-MS61r														
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
		ppm	ppm	ppm	%	ppm	ppm									
C141701		3.5	46.6	<0.002	2.40	1.41	4.6	2	6.7	44.8	0.41	0.43	2.11	0.069	0.42	4.0
C141702		6.5	66.9	<0.002	1.93	0.58	6.8	3	8.6	46.0	0.52	0.74	3.10	0.084	0.65	1.6
C141703		4.5	31.0	<0.002	0.01	0.34	4.5	2	4.8	70.9	1.80	<0.05	9.39	0.152	0.12	2.2



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CERTIFICATE OF ANALYSIS TB15170555

Sample Description	Method Analyte Units LOR	ME-MS61r														
		V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	Lu ppm	Nd ppm	Pr ppm	Sm ppm	Tb ppm
C141701		6	1.6	30.5	222	50.0	4.89	2.09	1.17	7.18	0.84	0.31	25.0	5.29	7.28	1.04
C141702		6	2.1	50.1	190	62.3	6.16	2.54	2.24	11.10	1.00	0.34	46.4	9.74	12.95	1.36
C141703		5	1.1	28.5	24	165.5	6.31	3.30	1.42	7.55	1.20	0.50	42.0	11.45	8.61	1.14



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CERTIFICATE OF ANALYSIS TB15170555

Sample Description	Method	ME-MS61r	ME-MS61r	Cu-OG62	F-IC881
	Analyte	Tm	Yb	Cu	F
	Units	ppm	ppm	%	ppm
	LOR	0.01	0.03	0.001	20
C141701		0.28	1.87	1.095	17050
C141702		0.33	2.17	1.110	>20000
C141703		0.49	3.22		720



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CERTIFICATE OF ANALYSIS TB15170555

CERTIFICATE COMMENTS

Applies to Method:

REE's may not be totally soluble in this method.
ME- MS61r

ANALYTICAL COMMENTS

Applies to Method:

Processed at ALS Thunder Bay located at 1160 Commerce Street, Thunder Bay, ON, Canada.
CRU- 31 CRU- QC LOG- 22 PUL- 31
PUL- QC SPL- 21 WEI- 21

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- ICP22 Cu- OG62 F- IC881 ME- MS61r
ME- OG62