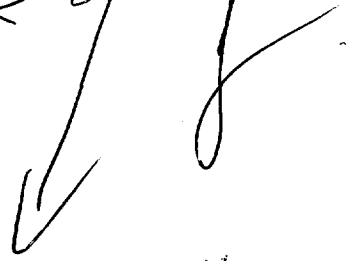


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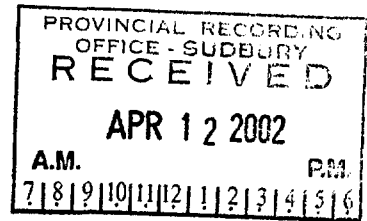
re-submitted

new submission



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**ADDENDUM REPORT ON
EXPLORATION PROGRAM YEAR 2001
ON PROPERTY OF
IRON LAKE MINERALS INC.
DUFFELL LAKE AREA
PATRICIA MINING DIVISION
ONTARIO**



52002NW2007 2.23687

DUFFELL LAKE

010

E.W. Bazinet, P. Eng.

Dated at

San Carlos, Nuevo Guaymas, Sonora, Mexico

November 10, 2001

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**ADDENDUM REPORT ON
EXPLORATION PROGRAM YEAR 2001
ON PROPERTY OF
IRON LAKE MINERALS INC.
DUFFELL LAKE AREA
PATRICIA MINING DIVISION
ONTARIO**

SUMMARY

During the months of May, June, July and August, 2001, Iron Lake Minerals Inc. carried out additional exploration work on its Duffell Lake Area claim group. This program was a continuance of a project that was initiated in the summer of 2000. Additional sections of core from diamond drill holes 00-10, 00-11 and 00-12, which were drilled in 2000, were split and assayed. A geochemical soil survey was carried out over the area surrounding gold occurrence No. 8. The precise locations of the axes of conductors D and E were traced out on the ground by means of very closely spaced V.L.F. electromagnetic survey readings. This was followed by closely spaced overburden depth soundings employing five-foot long steel sounding rods.

A trenching program was subsequently carried out in areas of shallowest overburden cover. The trenches exposed the bedrock sources of conductors D and E.

The mineralization exposed by trenching was sampled, examined for base metals and assayed for gold.

The property is located near Duffell Lake in the Sioux Lookout Mining Division (Patricia Portion), District of Kenora, Ontario, approximately 26 kilometres southeast of the former producing Golden Patricia mine and is underlain by rocks of the Meen-Dempster Lake's greenstone belt.

This report contains a brief outline of the geology and the history of exploration work conducted on the claims to-date. For a more detailed report readers should refer to the report on the same claim group by the Writer, dated December 3, 2000. This latter report outlines in detail, the exploration work conducted in the 2000 field season on the claim group. The 2001 program consisted of additional core splitting and assaying on holes 00-10, 00-11 and 00-12, which are drilled to explore a stockworks type gold occurrence. This sampling revealed additional drill core intercepts that carry anomalous gold values. These intercepts had not been previously sampled in the 2000 field season. The trenching program successfully exposed the bedrock source of conductors D and E. Samplings of this mineralization

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revealed that the bedrock source of these conductors consists of barren sulfide mineralization, devoid of base or precious metal values.

The geochemical survey was not successful in detecting or outlining anomalous areas beyond the immediate vicinity of the known gold occurrence No. 8.

INTRODUCTION

During the months of May, June, July and August, 2001, Iron Lake Minerals Inc. carried out exploration work on its Duffell Lake Area Ontario claim group. The work was the continuation of an exploration program initiated in the 2000 summer field season.

The purpose of the program is to explore a series of anomalous features outlined by previous ground geophysical surveys and to explore two of several known gold occurrences on the claim group.

PROPERTY, LOCATION AND ACCESS

The property is located in the Duffell Lake area of the Sioux Lookout Mining Division (Patricia Portion), District of Kenora, Ontario. It consists of 36 contiguous, unpatented mining claims, which encompass 143 claim units covering 2,288 hectares, more or less.

The property lies 55 to 70 kilometres southwest of the community of Pickle Lake. Access is via charter aircraft to Duffell Lake or Kawinogans Lake. Alternate access is via canoe along the Kawinogans River system or overland via all terrain vehicle along the right of way of the winter road to the Cat Lake Indian Reservation. Winter access is also possible by truck when the winter road is maintained.

The claims comprising the property cover an east-west strike length of approximately 16 kms. and are more precisely described below:

<u>Claim Number</u>	<u>Number of Claim Units</u>
PA1076702	10
PA1076707	4
PA1076780	15
PA1076781	12
PA1076782	9
PA1076786	2
PA1076800	1
PA1076890	15
PA1076891	4
PA1076892	16
PA1076893	10
PA1076894	3
PA1092103	1
PA1092106	1
PA1092107	1
PA1092108 and -109	2
PA1092110 and -111	2
PA1092112 to -114	3
PA1092115	1

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<u>Claim Number</u>	<u>Number of Claim Units</u>
PA1150422 to – 429 inclusive	8
PA1150754 and – 755	11
PA1184010 to – 012 inclusive	12
Totals	143

The Claims are shown on the Duffell Lake Area Claim Map No. G2013.

HISTORY OF THE WORK DONE TO-DATE

The property is situated towards the westerly end of the Meen-Dempster Lake greenstone belt. The area was sporadically prospected following the discovery of the Pickle Crow gold mine and the Central Patricia gold mine in the eastern sector of the Meen-Dempster Lake greenstone belt during the late 1920s.

In the early 1980s, the price of gold increased dramatically and areas of perceived gold potential such as the Meen-Dempster Lake greenstone belt generated a high degree of exploration activity. As a result, two other gold deposits including the Golden Patricia mine and the Dona Lake mine were discovered and brought into production.

Work performed on the claim group prior to the recent program described herein includes diamond drilling on some sectors of the property by previous owners as shown on the accompanying map and as described in greater detail below:

<u>DD Hole No.</u>	<u>Location</u>	<u>Drilled By</u>
70-1	Extreme West End	Cochenour Willans Gold Mines, 1970
17, 18, 19, 20	Western Sector of Property	Bond Gold Canada Inc., 1988
87-1, 87-2, 87-3, 87-4, 87-5, 87-6, 87-6, 87-7 87-8, 87-9, 87-10, 87-11	South Central Sector of Property	Noranda Exploration Company Ltd., 1987
9	Central Sector of the Property drilled on Anomaly "A"	Napoleon Exploration Corporation, 1988

Hole No. 9 drilled by Napoleon Corporation in 1988 intersected some encouraging gold values and for this reason the results are pertinent to the recently completed program. A copy of the drill hole record along with sample assay results and a vertical section of Hole No. 9 are included in the appendix hereto. The location of the hole with respect to present base line "A" is also noted on the drill hole record.

A large quantity of work was performed on the claim group by the vendors of the present claim group, by Iron Lake Minerals Inc. and by Milner Consolidated Silver Mines Ltd. This work, carried out between 1987 and 2000, covers the entire claim group and includes line cutting, geological surveys, magnetometer surveys, V.L.F. electromagnetic surveys and horizontal loop electromagnetic surveys.

Extensive prospecting programs including overburden sounding and trenching were also carried out on the claims.

The above work defined eight (8) high priority anomalies and several lower priority anomalies. Additionally, gold mineralization was uncovered at eight (8) locations on the property as shown on the accompanying maps.

The year 2000 diamond drilling program recently completed on the property explored six (6) of the high priority anomalies and one (1) of the surface gold occurrences.

The year 2001 program reported on herein consisted of further sampling of drill core intercepts from 3 drill holes drilled in 2000 to explore a quartz vein-stockworks type gold occurrence on the property. The program also included trenching to expose and explore the bedrock sources of anomalies D and E. A known surface gold occurrence (occurrence No. 8) was further explored by geochemical surveys in an effort to outline extensions of the known surface mineralized area.

GEOLOGY

The property is located along the Meen-Dempster Lake greenstone belt. The geology of this belt consists of a steeply dipping series of folded and faulted metavolcanic and sedimentary rocks which extend in a west to northwest direction. This sequence of rocks has been invaded by a variety of sills, dikes, stocks and bosses of varying composition, including ultramafic, gabbro, granite, granodiorite, diorite, quartz feldspar porphyry and diabase dikes. All of these rocks are of archean age except for the diabase dikes, which are late precambrian.

The greenstone belt is interpreted as being an isoclinal folded syncline, possibly slightly overturned to the south.

Gold mineralization in the belt is known to occur in fissure quartz veins, in quartz vein stockworks, in silicified shear zones with sulfides, in sulphidized oxide facies iron formation, in sulphidized felsic tuffs, in green carbonates of exhalative origin, in banded chert zones of possible exhalative origin and as silicified sulphidic replacement zones in oxide facies iron formation. Sulfide minerals, to a greater or lesser extent, frequently accompany the gold mineralization.

The claim group is almost entirely underlain by a series of basic to intermediate metavolcanic flows, pyroclastic rocks and chemical sedimentary rocks. Geophysics, trenching and drilling reveal the presence of sulphidized oxide facies iron formation and possible sulphidic iron formation along the entire length of the property. The Duffell Lake quartz monzonite stock intrudes the volcanic-sedimentary series along the northern edge of the property in the east-central portion of the claim group.

Shearing and faulting in a general N70°W direction are indicated by geophysics in the central sector of the property. And known gold mineralization could be associated with or controlled by these shear zones.

CORE SPLITTING AND ASSAY RESULTS, DIAMOND DRILL HOLES 00-10, 00-11 AND 00-12

Three diamond drill holes (00-10, 00-11 and 00-12) were bored in September 2000 to explore a known quartz vein stockworks type surface gold occurrence (Location 7) hosted in medium grained dioritic type rock. Assaying of the better mineralized sections of the core in 2000 yielded low but significant fairly widespread gold values including one section with specs of visible gold that was not sampled or assayed.

The 2001 core sampling program was oriented towards sampling sections of drill core that were less well mineralized with quartz veining than those sections sampled in 2000. This sampling revealed additional drill core intercepts that are anomalous in gold.

A record of the results of core sampling of diamond drill holes 00-10, 00-11 and 00-12 carried out in the 2000 field season and the 2001 field season is as follows:

Diamond Drill Hole No. 00-10

<u>Sample No.</u>	<u>Metres from</u>	<u>Metres to</u>	<u>Core Length Metres</u>	<u>Gold grams/tonne</u>
3092	16.22	16.45	3.23	1.359
18386	34.84	35.65	0.81	0.003
18387	44.24	44.76	0.52	0.070
18388	46.61	47.12	0.51	0.059
18389	55.97	56.55	0.58	0.113
18390	58.42	59.68	1.26	0.077
18391	63.10	65.46	2.36	0.116
18392	78.93	80.63	1.70	0.081
18393	82.00	83.65	1.65	0.396
18394	89.82	90.93	1.11	0.013
3093	91.83	92.03	0.20	0.027
18395	92.03	94.00	1.97	0.029
18396	97.42	98.66	1.24	0.101
3094	98.66	99.25	0.59	0.509
18397	99.25	100.86	1.61	0.028
18398	103.10	104.70	1.60	0.199
3095	104.70	106.87	2.17	0.685
18399	106.87	107.46	0.59	0.135
3096	107.46	108.83	1.37	0.384
18400	108.83	109.15	0.32	0.063

Diamond Drill Hole No. 00-11

<u>Sample No.</u>	<u>Metres from</u>	<u>Metres to</u>	<u>Core Length Metres</u>	<u>Gold grams/tonne</u>
18279	5.27	5.45	0.18	0.012
3734	9.55	9.70	0.15	1.736
18280	9.70	10.35	0.65	0.039
18281	10.86	11.20	0.34	0.412
3735	12.17	13.00	0.83	0.219
18282	14.10	14.56	0.46	0.021
18283	14.92	16.68	1.76	0.165
18284	16.68	17.42	0.74	0.510
18285	17.42	18.55	1.13	0.067
18286	26.80	26.90	0.10	0.055
3736	29.67	30.23	0.56	0.043
18287	30.76	31.00	0.24	0.059
3737	31.00	31.37	0.37	0.202
3738	36.65	37.30	0.65	0.026
18288	39.56	40.58	1.02	0.023

<u>Sample No.</u>	<u>Metres from</u>	<u>Metres to</u>	<u>Core Length Metres</u>	<u>Gold grams/tonne</u>
3739	40.58	42.90	2.32	0.985
18289	42.90	43.66	0.76	0.050
3740	43.66	44.92	1.26	0.099
18290	44.92	45.53	0.61	0.045
3741	45.53	46.59	1.06	0.022
183003	46.59	48.35	1.76	0.016
3742	48.35	48.54	0.19	0.624
18291	53.00	53.68	0.68	0.003
18292	63.92	64.77	0.85	0.014
18293	67.69	68.46	0.77	0.014
18294	69.88	70.08	0.20	0.200
18295	74.86	75.65	0.79	0.008
18296	76.26	76.65	0.39	0.001
18297	77.44	78.15	0.61	0.004
18298	79.43	81.43	2.00	0.017
18299	82.65	83.20	0.55	0.111
18300	85.33	86.46	1.13	0.161
18301	86.46	87.88	1.42	0.004
183002	88.76	89.53	0.77	0.002

Diamond Drill Hole No. 00-12

<u>Sample No.</u>	<u>Metres from</u>	<u>Metres to</u>	<u>Core Length Metres</u>	<u>Gold grams/tonne</u>
Not sampled	@ 8.90	Three specs of visible Native gold in quartz veinlet.		
18276	11.81	12.40	0.59	0.004
18277	16.00	16.79	0.79	0.017
18278	25.29	26.30	1.01	0.138
3743	35.97	36.32	0.35	0.109
3744	46.15	48.26	2.11	0.666
3745	50.50	51.80	1.30	0.062
18270	52.94	55.11	2.17	0.001
3746	53.49	53.73	0.24	0.009
18271	57.18	58.60	1.42	0.056
3747	58.60	58.75	0.15	18.138
18272	58.75	59.16	0.41	0.200
3748	59.16	59.36	0.20	0.588
18273	59.36	60.81	1.45	0.031
18274	60.81	62.56	1.75	0.252
3749	62.56	62.73	0.17	0.741
18275	62.73	63.42	0.68	0.049
3750	65.72	65.87	0.15	0.034

GEOCHEMICAL SURVEY AND RESULTS

An attempt was first made to collect soil samples in early June of 2001. However, due to very thick moss cover in the area and due to a late spring, the ground was still frozen in the B-Horizon. A second trip was made to the claims in August, at which time soil samples of the B Horizon were

successfully collected. It should be noted that in approximately 20% of the locations, the soil from surface to bedrock consists entirely of humus material, even where soil depths were as deep as 1.5 metres.

Soil samples were collected from the area immediately surrounding gold occurrence No. 8. The results of the gold content of the soil samples are shown on a map at a scale of 1 in. = 200 ft., which accompanies this report. Except for a few anomalous values in soil samples from the immediate vicinity of the known gold occurrence, the program was not successful in extending or indicating additional areas of potential gold mineralization.

TRENCHING PROGRAM AND RESULTS

The bedrock sources of anomalies (conductors) D and E were successfully explored by trenching in the 2001 field program.

To accomplish this, the conductor axes were first accurately traced out on the surface by means of very closely spaced V.L.F. electromagnetic surveys. Geophysical readings were recorded at station intervals as close as 2 metres and at line spacings of approximately 8 metres and marked out on the ground with flagging tape. Following this, the area along the conductor axes was probed at close intervals to determine overburden depths employing 2 metre long steel probes. Trenching to expose the bedrock sources of the anomalies was then carried out in areas of shallow overburden.

The bedrock source of conductors D and E were exposed by trenching and the mineralized areas were sampled, examined for base metals and assayed for gold content.

The results of the trenching program indicate that the bedrock sources of anomalies D and E consist of barren sulfide mineralization devoid of base or precious metal values.

The details of the sampling and assaying are as follows:

Conductor D

<u>Sample</u>	<u>Type of Sample and Remarks</u>	<u>Gold (grams/tonne)</u>
100	Gossan and soil, trench @ 3+30W, 1+90S	0.009
23653	Gossan and soil, trench @ 3+30W, 1+90S	<0.001
101	Selected grab sample Po, Py, trench @ 3+30W, 1+90S	0.043
23654	Selected grab sample Po, Py, trench @ 3+30W, 1+90S	<0.001
102	Selected grab, Py, Po, trench @ 3+30W, 1+90S	0.002
23655	Selected grab, Py, Po, trench @ 3+30W, 1+90S	<0.001
103	Selected grab, Py, Po, trench @ 3+30W, 1+90S	0.002
23656	Selected grab, Py, Po, trench @ 3+30W, 1+90S	<0.001

<u>Sample</u>	<u>Type of Sample and Remarks</u>	<u>Gold (grams/tonne)</u>
104	Selected grab, quartz and Py, trench @ 3+30W, 1+90S	0.001
23657	Selected grab, quartz and Py, trench @ 3+30W, 1+90S	<0.001
107	Selected grab, quartz and gossan and Po, Py, trench @ 3+30W, 1+90S	0.004
23658	Selected grab, quartz and gossan and Po, Py, trench @ 3+30W, 1+90S	0.002
110	Selected grab, chert and gossan, trench @ 3+30W, 1+90S	0.003
23659	Selected grab, chert and gossan, trench @ 3+30W, 1+90S	0.001
111	Pannel sample across 1.3 metres with trench @ 3+30W, 1+90S	0.019
23660	Pannel sample across 1.3 metres with trench @ 3+30W, 1+90S	0.003
112	Selected grab sample, fresh pyrite on shear planes in chert, trench @ 3+30W, 1+90S	0.092
113	Selected grab, diss Py, Po in sheared chert, trench @ 3+30W, 1+90S	0.011
114	Selected grab, fractured chert, some quartz veinlets, minor diss Po, Py, trench @ 3+30W, 1+90S	0.007

Conductor E

<u>Sample</u>	<u>Type of Sample and Remarks</u>	<u>Gold (grams/tonne)</u>
105	Selected grab, quartz veining with minor Po, trench, Line 8W, 0+90S	<0.001
106	Selected grab, fairly massive Po, trench, Line 8W, 0+90S	0.017
108	Pannel sample, 3.5 metres width, trench, Line 8W, 0+90S	0.003
109	Selected grab, Qtz mineralized with Po, Py, trench, Line 8W, 0+90S	0.002
115	Selected grab, massive Py, trench, Line 8W, 0+90S	<0.001
116	Pannel sample, width 4 metres, trench 12+05W, 2+40S	<0.001
117	Selected grab, chert with diss Po, Py and gossan, trench 12+05W, 2+40S	0.005
118	Selected grab, crushed chert with much gossan, trench 12+05W, 2+40S	0.002

CONCLUSIONS AND RECOMMENDATIONS

The exploration program reported on herein had 3 primary objectives as follows:

- (a) Sample additional core sections from diamond drill holes 00-10, 00-11 and 11-12 to further determine the extent of gold values associated with the quartz vein stockworks zone.
- (b) Explore the bedrock sources of anomalous zones D and E by trenching.
- (c) Attempt to outline extensions to the known surface mineralized area at gold occurrence No. 8 (shown on the accompanying map) by geochemical soil sampling methods.

Core sampling outlined sections carrying additional anomalous gold values. The bedrock sources of anomalous zones D and E were successfully explored and were determined to be barren sulfide mineralized zones, devoid of base and precious metals. The soil sampling program carried out over the area around gold occurrence No. 8 was not successful in outlining extensions to the known mineralization.

Core sampling outlined additional anomalous sections of gold mineralization, suggesting the possibility of fairly widespread stockworks type gold mineralization in the diorite host rock.

Follow-up exploration, initially by geochemical methods and follow-up trenching or drilling of anomalous zones appears to be warranted.

Respectfully submitted,



E.W. Bazinet, P. Eng.
San Carlos, Nuevo Guaymas, Sonora, Mexico
November 10, 2001

APPENDIX



XRAL Laboratories
A Division of SGS Canada Inc.

INVOICE

Invoice To/Facture A:
Ironlake Minerals Inc.
Attn: D. J. Bazinet

Submitted By/Soumettez Par:
Ironlake Minerals Inc.
Attn: D. J. Bazinet

22 Concession 16E, RR3
PENETANG
ON/CANADA/L9M 1R3

22 Concession 16E, RR3
PENETANG
ON/CANADA/L9M 1R3

Work Order: 065058
Invoice Date: 20/09/01
Date Submitted: 04/09/01
Shipped Via: Self

Customer No.: 409704
Your P.O. No.:
Your Project No.:
Waybill No. :

Qty	Code	Description	# Ele	Unit Cost	Amt/Montant
61	PS180	Sieving to - 80 mesh (5lbs)		\$1.70	\$103.70
61	FA15	0.5AT Au Inst. Fire assay	1	\$9.90	\$603.90
61	ICP70	ICP, Aqua Regia	32	\$8.95	\$545.95
1	AD25	Fax Charge		\$9.00	\$9.00
		Total			\$1262.55
	GST	7% GST Reg No. R105082572			\$88.38

TOTAL IN CANADIAN FUNDS / TOTAL EN DOLLARS CANADIEN \$1350.93

Subject to SGS General Terms and Conditions

Please remit to / S.V.P. envoyer votre paiement à:
P.O. Box 9581
Station 'A'
Toronto, ON
Canada
M5W 2K3

Please courier to / S.V.P. envoyer par courier à:
1885 Leslie Street
Don Mills, ON
Canada M3B 3J4
Tel: (416) 445-5755
Fax: (416) 445-4152

Please Quote Invoice Number / S.V.P. Spécifier le numéro de facture 081:00040731

Note/N.B.: 1.5% per month interest on Overdue Accounts / Intérêt de sur Comptes Arriérés de 1.5% Par Mois: Terms Net 30 days

PAYMENT COPY



XRAL Laboratories
A Division of SGS Canada Inc.

1885 Leslie Street
Don Mills, Ontario
Canada M3B 3J4
Telephone (416) 445-5755
Fax (416) 445-4152

CERTIFICATE OF ANALYSIS

Work Order: 065058

To: Ironlake Minerals Inc.
Attn: D.J. Bazinet

22 Concession 16E, RR3
PENETANG
ON/CANADA/L9M 1R3

Date : 20/09/01

Copy 1 to :

P.O. No. :
Project No. :
No. of Samples : 61 Soil
Date Submitted : 04/09/01
Report Comprises : Cover Sheet plus
Pages 1 to 9

Distribution of unused material:

Pulps: Discarded After 90 Days Unless Instructed!!!
Rejects: Discarded After 90 Days Unless Instructed!!!

Certified By :

Dr. Hugh de Souza, General Manager
XRAL Laboratories

ISO 9002 REGISTERED

Subject to SGS General Terms and Conditions

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion



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Work Order: 065058

Date: 20/09/01

FINAL

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Element. Method. Det.Lim. Units.	Au FA15 5 ppb
01	12
02	<5
03	<5
04	13
05	12
06	12
07	25
08	<5
09	6
10	<5
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22	<5
23	<5
24	<5
25	<5
26	5
27	<5
28	<5
29	<5
30	20



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Work Order: 065058

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Element.	Au
Method.	FA15
Det.Lim.	5
Units.	ppb
31	<5
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33	<5
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35	<5
36	36
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48	23
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54	10
55	60
56	25
57	30
58	15
59	25
60	<5



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Date: 20/09/01

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Element.	Au
Method.	FA15
Det. Lim.	5
Units.	ppb
61	11
*Dup 01	10
*Dup 13	<5
*Dup 25	<5
*Dup 37	I.S.
*Dup 49	<5
*Dup 61	13



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Work Order: 065058

Date: 20/09/01

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Element. Method. Det.Lim. Units.	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm
01	<0.5	0.01	0.24	0.54	0.03	0.04	0.71	1.0	0.04	17	18	374	1.02	5	11	5.0
02	<0.5	0.01	0.12	0.27	0.04	0.02	0.40	0.6	0.03	10	7	49	0.57	<1	4	2.3
03	<0.5	0.01	0.17	0.44	0.04	0.03	0.53	0.8	0.04	16	11	123	0.92	<1	7	3.2
04	<0.5	<0.01	0.06	0.36	<0.01	0.02	0.05	0.6	0.03	9	7	28	0.48	<1	4	1.4
05	<0.5	0.01	0.06	0.17	<0.01	0.02	0.14	<0.5	0.03	9	8	24	0.32	<1	5	1.7
06	<0.5	0.02	0.29	0.22	0.05	0.03	4.08	<0.5	<0.01	9	3	330	0.19	<1	5	10.7
07	<0.5	0.01	0.29	0.47	0.09	0.04	3.40	<0.5	<0.01	5	6	441	0.43	<1	7	23.1
08	<0.5	0.01	0.07	0.17	0.02	0.02	0.17	<0.5	0.03	9	5	24	0.35	<1	3	1.2
09	<0.5	0.01	0.11	0.24	0.01	0.02	0.23	0.5	0.03	10	8	57	0.47	<1	4	1.9
10	<0.5	0.01	0.25	0.44	0.06	0.07	0.48	1.1	0.04	17	14	702	1.04	3	11	19.3
11	<0.5	0.02	0.32	0.53	0.07	0.05	3.01	0.6	0.02	11	14	359	0.81	1	8	13.6
12	<0.5	0.01	0.12	0.29	0.02	0.02	0.36	0.6	0.03	10	10	35	0.53	<1	5	2.5
13	<0.5	0.01	0.13	0.27	<0.01	0.02	0.25	0.6	0.04	10	8	57	0.53	2	5	1.9
14	<0.5	0.01	0.23	1.30	0.04	0.03	0.67	2.5	0.04	16	17	174	1.67	9	13	14.6
15	<0.5	0.01	0.23	0.84	0.03	0.03	0.11	1.3	0.07	20	15	65	1.42	3	8	6.0
16	<0.5	0.01	0.21	1.11	0.02	0.03	0.15	1.0	0.07	26	17	65	1.49	5	10	5.3
17	<0.5	0.01	0.21	0.87	0.01	0.04	0.36	1.2	0.06	21	17	65	1.16	4	10	10.2
18	<0.5	0.01	0.21	0.89	0.03	0.03	0.14	1.0	0.06	20	17	79	1.15	3	12	6.4
19	<0.5	0.01	0.12	0.56	0.01	0.02	0.07	0.8	0.05	18	13	40	0.78	2	6	4.0
20	<0.5	0.02	0.28	0.66	0.01	0.05	0.08	0.8	0.10	34	21	96	1.61	3	8	3.7
21	<0.5	0.01	0.17	0.93	0.03	0.03	0.10	1.0	0.05	18	14	48	1.06	2	8	3.9
22	<0.5	0.01	0.19	0.65	0.02	0.03	0.21	1.0	0.05	19	13	95	1.12	4	7	4.4
23	<0.5	0.02	0.23	0.46	0.09	0.04	3.34	<0.5	<0.01	10	5	11790	1.05	9	50	10.7
24	<0.5	0.01	0.31	0.66	0.05	0.03	4.20	0.7	<0.01	5	7	100	0.38	1	8	42.8
25	<0.5	0.01	0.13	0.67	0.05	0.02	0.16	1.0	0.05	15	13	67	0.84	6	9	7.1
26	<0.5	0.01	0.09	0.52	<0.01	0.03	0.04	0.5	0.05	14	9	32	0.56	1	4	5.3
27	<0.5	0.02	0.33	0.82	0.03	0.04	0.36	1.4	0.07	22	17	108	1.39	4	11	11.9
28	<0.5	0.01	0.15	0.55	0.04	0.02	0.33	1.0	0.04	15	10	122	0.89	2	6	4.7
29	<0.5	0.01	0.21	0.66	0.06	0.03	0.50	1.4	0.04	20	16	191	1.23	4	8	9.3
30	<0.5	0.02	0.58	0.69	0.07	0.05	1.21	1.4	0.05	20	15	107	1.28	3	8	10.1



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Element. Method. Det.Lim. Units.	Be ICP70 0.5 ppm	Na ICP70 0.01 %	Mg ICP70 0.01 %	Al ICP70 0.01 %	P ICP70 0.01 %	K ICP70 0.01 %	Ca ICP70 0.01 %	Sc ICP70 0.5 ppm	Ti ICP70 0.01 %	V ICP70 2 ppm	Cr ICP70 1 ppm	Mn ICP70 2 ppm	Fe ICP70 0.01 %	Co ICP70 1 ppm	Ni ICP70 1 ppm	Cu ICP70 0.5 ppm
31	<0.5	0.02	0.05	0.21	0.01	0.03	0.10	<0.5	0.03	8	6	16	0.30	<1	2	1.4
32	<0.5	0.02	0.24	0.52	0.04	0.05	0.41	0.9	0.05	16	14	103	1.04	2	6	6.0
33	<0.5	0.01	0.27	0.63	0.03	0.04	0.37	0.9	0.05	19	15	132	1.17	4	7	3.6
34	<0.5	0.01	0.28	0.59	0.03	0.04	0.64	0.8	0.06	22	12	117	1.28	4	6	3.7
35	<0.5	0.01	0.71	1.02	0.07	0.12	0.87	1.2	0.11	29	14	205	1.83	8	11	14.1
36	<0.5	0.01	0.34	0.16	0.04	0.02	4.41	<0.5	<0.01	12	3	54	0.15	<1	3	6.7
37	<0.5	0.01	0.34	0.34	0.05	0.03	4.65	<0.5	<0.01	5	4	186	0.30	1	5	13.8
38	<0.5	0.01	0.22	0.83	0.03	0.03	0.53	1.3	0.05	28	21	273	1.83	7	11	9.3
39	<0.5	0.01	0.09	0.44	<0.01	0.02	0.04	0.5	0.06	15	8	21	0.46	1	3	3.1
40	<0.5	0.01	0.06	0.38	<0.01	0.02	0.04	<0.5	0.05	15	6	19	0.43	<1	2	2.5
41	<0.5	0.02	0.24	0.57	0.04	0.03	0.24	1.1	0.06	17	14	99	1.01	4	8	5.9
42	<0.5	0.01	0.18	0.51	0.04	0.03	0.32	0.9	0.05	17	12	75	0.92	1	6	3.5
43	<0.5	0.01	0.26	0.72	0.03	0.03	0.29	1.1	0.06	20	15	103	1.25	4	9	6.3
44	<0.5	0.01	0.23	0.86	0.02	0.03	0.04	1.1	0.11	40	15	54	2.12	2	6	5.7
45	<0.5	0.01	0.23	1.43	0.03	0.15	0.03	6.3	0.16	37	6	110	5.97	6	2	11.8
46	<0.5	0.01	0.17	1.38	0.02	0.04	0.06	1.2	0.08	37	22	54	2.00	4	9	7.2
*Bik BLANK	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.01	<2	<1	<2	<0.01	<1	<1	<0.5
*Std XRAL01	<0.5	0.06	0.87	0.79	0.13	0.11	0.89	1.9	0.05	27	260	499	3.30	468	651	68.1
47	<0.5	<0.01	0.08	0.55	<0.01	0.02	0.04	<0.5	0.05	20	8	25	0.67	<1	4	2.1
48	<0.5	0.01	0.21	0.67	0.02	0.02	0.18	0.9	0.05	17	12	64	0.93	3	7	3.2
49	<0.5	0.01	0.10	0.88	0.02	0.03	0.06	0.7	0.07	28	11	30	1.04	2	5	3.8
50	<0.5	0.01	0.17	1.28	0.03	0.03	0.07	1.0	0.08	33	18	55	1.87	3	9	5.1
51	<0.5	0.01	0.22	0.44	0.06	0.04	0.55	0.9	0.05	18	15	128	1.04	2	9	4.9
52	<0.5	0.01	0.24	0.61	0.03	0.04	0.44	0.9	0.05	19	18	138	1.15	3	11	5.1
53	<0.5	0.01	0.50	0.74	0.04	0.04	1.04	1.6	0.06	19	15	126	1.19	4	9	10.5
54	<0.5	0.01	0.11	0.51	0.01	0.02	0.09	0.6	0.06	17	8	32	0.67	2	5	2.3
55	<0.5	0.01	0.18	1.08	0.03	0.04	0.14	1.2	0.06	19	16	50	1.15	3	11	4.7
56	<0.5	0.01	0.10	0.73	0.02	0.02	0.07	1.0	0.04	18	11	32	1.02	2	5	2.0
57	<0.5	0.01	0.24	0.99	0.03	0.03	0.43	1.2	0.05	24	17	272	1.45	4	9	3.9
58	<0.5	<0.01	0.10	0.58	0.05	0.02	0.14	0.8	0.05	18	11	37	0.93	2	5	2.0



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Element.	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5
Units.	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
59	<0.5	0.01	0.17	1.27	0.05	0.03	0.09	1.1	0.06	26	17	52	1.52	3	9	6.7
60	<0.5	<0.01	0.05	0.61	0.02	0.02	0.05	0.5	0.04	20	9	20	1.02	<1	3	1.4
61	<0.5	0.01	0.14	0.72	0.03	0.02	0.34	0.9	0.03	17	11	158	1.13	4	5	2.8
*Dup 01	<0.5	0.01	0.26	0.58	0.04	0.05	0.75	1.1	0.04	18	19	391	1.09	4	12	5.4
*Dup 13	<0.5	<0.01	0.13	0.25	<0.01	0.01	0.24	0.6	0.04	10	9	62	0.53	2	6	1.5
*Dup 25	0.6	<0.01	0.13	0.65	0.04	0.02	0.17	1.5	0.05	16	13	70	0.89	6	9	7.6
*Dup 37	<0.5	<0.01	0.30	0.30	0.05	0.02	4.45	<0.5	<0.01	4	3	193	0.29	1	6	13.0
*Dup 49	<0.5	<0.01	0.09	0.83	0.02	0.02	0.06	0.7	0.07	29	11	34	1.06	2	5	3.3
*Dup 61	<0.5	<0.01	0.13	0.69	0.04	0.02	0.33	0.9	0.03	15	10	143	1.09	3	6	2.1
*Blk BLANK	<0.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.5	<0.01	<2	<1	<2	<0.01	<1	<1	<0.5
*Std XRAL01	<0.5	0.05	0.80	0.73	0.12	0.09	0.88	2.0	0.05	26	284	522	3.23	502	667	67.1



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Element. Method. Det.Lim. Units.	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm	Li ICP70 1 ppm
01	12.6	<3	10.7	3.0	3.5	<1	0.2	<1	<10	<5	46	12.6	<10	5	<5	8
02	6.5	<3	8.0	2.3	1.3	<1	0.3	<1	<10	<5	19	6.2	<10	<2	<5	3
03	9.5	<3	10.8	2.4	1.6	<1	<0.2	<1	<10	<5	24	7.3	<10	6	<5	5
04	5.3	<3	2.9	1.5	1.4	<1	<0.2	<1	<10	<5	11	5.1	<10	6	<5	4
05	5.5	<3	5.0	0.8	0.7	<1	<0.2	<1	<10	<5	10	4.0	<10	3	<5	2
06	14.4	<3	41.4	2.4	3.3	<1	<0.2	<1	<10	<5	75	5.8	<10	6	<5	<1
07	27.8	<3	41.3	6.3	3.5	1	<0.2	<1	<10	<5	87	20.5	<10	18	<5	<1
08	4.8	<3	3.7	1.2	1.5	<1	0.2	<1	<10	<5	10	4.9	<10	8	<5	3
09	6.2	<3	4.9	1.3	1.2	<1	0.3	<1	<10	<5	14	4.4	<10	2	<5	4
10	13.8	<3	9.0	4.6	4.8	<1	<0.2	<1	<10	<5	63	17.7	<10	3	<5	6
11	24.2	<3	36.1	3.6	3.7	<1	0.2	<1	<10	<5	95	14.1	<10	5	<5	3
12	6.7	<3	8.2	1.4	1.6	<1	<0.2	<1	<10	<5	18	5.0	<10	4	<5	4
13	5.8	<3	5.8	1.8	2.5	<1	<0.2	<1	<10	<5	13	6.6	<10	2	<5	5
14	12.9	<3	17.0	9.5	2.8	<1	0.3	<1	<10	<5	76	21.0	<10	6	<5	15
15	11.3	43	4.4	2.6	3.7	<1	<0.2	<1	<10	<5	24	9.9	<10	4	<5	9
16	11.2	<3	6.5	2.4	2.4	<1	0.4	<1	<10	<5	31	6.4	<10	6	<5	12
17	13.2	<3	10.4	2.9	2.5	1	0.3	<1	<10	<5	49	12.7	<10	6	<5	16
18	14.3	<3	7.1	2.3	2.6	<1	<0.2	<1	<10	<5	36	7.7	<10	6	<5	10
19	7.2	<3	4.8	1.2	2.2	<1	<0.2	<1	<10	<5	18	4.9	<10	6	<5	5
20	13.9	<3	4.7	1.3	3.9	<1	0.4	<1	<10	<5	12	2.4	<10	5	<5	9
21	9.6	<3	4.4	2.1	3.0	<1	<0.2	<1	<10	<5	20	10.0	<10	3	<5	9
22	12.2	<3	6.9	2.9	1.7	<1	<0.2	<1	<10	<5	26	9.7	<10	3	<5	10
23	17.5	<3	38.3	3.8	2.5	4	0.3	<1	<10	<5	324	12.0	<10	7	<5	<1
24	14.2	<3	48.7	9.2	4.3	<1	<0.2	<1	<10	<5	95	19.4	<10	6	<5	<1
25	7.1	<3	6.5	2.9	4.8	<1	<0.2	<1	<10	<5	18	11.5	<10	<2	<5	5
26	6.9	<3	3.9	1.3	0.9	<1	0.3	<1	<10	<5	22	6.3	<10	5	<5	6
27	16.2	<3	8.3	3.9	4.1	<1	<0.2	<1	<10	<5	40	16.3	<10	3	<5	15
28	8.4	<3	7.6	3.4	0.9	<1	<0.2	<1	<10	<5	28	12.5	<10	<2	<5	7
29	12.5	<3	11.8	5.3	1.8	<1	<0.2	<1	<10	<5	37	18.5	<10	3	<5	9
30	13.4	<3	14.3	5.5	3.5	<1	<0.2	<1	<10	<5	30	21.1	<10	3	<5	10



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Element. Method. Det.Lim. Units.	Zn ICP70 0.5 ppm	As ICP70 3 ppm	Sr ICP70 0.5 ppm	Y ICP70 0.5 ppm	Zr ICP70 0.5 ppm	Mo ICP70 1 ppm	Ag ICP70 0.2 ppm	Cd ICP70 1 ppm	Sn ICP70 10 ppm	Sb ICP70 5 ppm	Ba ICP70 1 ppm	La ICP70 0.5 ppm	W ICP70 10 ppm	Pb ICP70 2 ppm	Bi ICP70 5 ppm	Li ICP70 1 ppm
31	4.1	<3	4.7	0.9	1.4	<1	<0.2	<1	<10	<5	12	4.5	<10	2	<5	1
32	14.1	<3	7.8	3.0	1.1	<1	<0.2	<1	<10	<5	26	11.7	<10	<2	<5	12
33	16.5	<3	7.5	2.1	1.3	<1	<0.2	<1	<10	<5	27	8.2	<10	4	<5	16
34	15.2	<3	9.8	2.1	1.9	<1	<0.2	<1	<10	<5	28	7.5	<10	3	<5	17
35	36.8	<3	10.7	2.5	1.7	<1	<0.2	<1	<10	<5	48	8.6	<10	<2	<5	19
36	6.2	<3	42.0	0.8	0.8	3	<0.2	<1	<10	<5	82	1.9	<10	4	<5	<1
37	11.7	<3	47.4	2.2	2.1	<1	<0.2	<1	<10	<5	108	6.5	<10	6	<5	<1
38	10.4	<3	14.7	4.1	1.7	<1	0.3	<1	<10	<5	46	14.4	<10	5	<5	10
39	4.9	<3	3.2	1.1	1.4	<1	0.3	<1	<10	<5	10	5.1	<10	4	<5	4
40	4.2	<3	3.1	0.9	1.4	<1	0.2	<1	<10	<5	14	5.0	<10	5	<5	3
41	13.3	<3	7.1	3.1	3.2	<1	0.3	<1	<10	<5	22	11.3	<10	3	<5	8
42	10.0	<3	7.9	2.5	2.7	<1	<0.2	<1	<10	<5	23	10.3	<10	3	<5	7
43	13.2	<3	7.0	2.6	2.8	<1	0.3	<1	<10	<5	34	11.3	<10	4	<5	12
44	10.8	60	2.8	1.2	2.3	<1	0.3	<1	<10	<5	20	3.9	<10	6	<5	5
45	24.8	1390	2.5	1.7	2.4	2	<0.2	<1	<10	<5	88	1.8	15	6	<5	11
46	11.9	<3	3.9	1.2	2.6	<1	<0.2	<1	<10	<5	31	4.5	<10	5	<5	10
*Btk BLANK	<0.5	<3	<0.5	<0.5	<0.5	<1	<0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
*Std XRAL01	77.7	473	40.5	7.8	6.8	<1	4.5	<1	<10	<5	126	10.7	<10	22	<5	9
47	6.4	<3	3.0	0.9	1.3	<1	<0.2	<1	<10	<5	19	4.9	<10	<2	<5	5
48	11.8	<3	5.8	1.8	1.6	<1	<0.2	<1	<10	<5	28	7.2	<10	5	<5	10
49	9.8	<3	3.6	1.3	2.9	<1	<0.2	<1	<10	<5	30	6.1	<10	5	<5	7
50	10.1	<3	3.6	1.6	3.7	<1	<0.2	<1	<10	<5	22	5.3	<10	6	<5	12
51	12.0	<3	10.9	3.4	2.8	<1	0.2	<1	<10	<5	26	15.6	<10	4	<5	6
52	14.4	<3	10.0	2.7	2.6	<1	<0.2	<1	<10	<5	30	9.8	<10	5	<5	9
53	11.9	<3	10.9	5.5	4.2	<1	0.3	<1	<10	<5	36	17.8	<10	3	<5	10
54	5.9	<3	4.2	1.4	1.4	<1	<0.2	<1	<10	<5	19	6.6	<10	3	<5	6
55	9.1	<3	6.3	2.3	3.1	<1	<0.2	<1	<10	<5	30	9.1	<10	3	<5	10
56	5.9	<3	3.9	1.7	3.1	<1	<0.2	<1	<10	<5	19	6.4	<10	3	<5	6
57	13.2	<3	8.4	2.8	1.5	<1	<0.2	<1	<10	<5	61	8.5	<10	3	<5	12
58	5.6	<3	4.7	2.4	2.7	<1	<0.2	<1	<10	<5	12	7.2	<10	<2	<5	4



XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 065058

Date: 20/09/01

FINAL

Page 9 of 9

Element.	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Li
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	1
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
59	19.7	<3	4.2	1.7	3.0	<1	<0.2	<1	<10	<5	25	6.3	<10	4	<5	10
60	4.6	<3	2.8	1.1	1.6	<1	<0.2	<1	<10	<5	18	5.4	<10	2	<5	3
61	8.2	<3	6.8	2.8	2.2	<1	<0.2	<1	<10	<5	37	9.6	<10	2	<5	5
*Dup 01	13.5	<3	11.8	3.3	3.0	<1	0.2	<1	<10	<5	49	12.0	<10	6	<5	9
*Dup 13	5.2	<3	6.5	1.8	3.0	<1	<0.2	<1	<10	<5	12	6.8	<10	<2	<5	5
*Dup 25	7.5	<3	6.8	3.4	5.3	<1	<0.2	<1	<10	<5	20	12.7	<10	<2	<5	5
*Dup 37	10.6	<3	46.4	2.0	2.7	<1	<0.2	<1	<10	<5	108	7.6	<10	6	<5	<1
*Dup 49	9.8	<3	3.9	1.2	3.1	<1	<0.2	<1	<10	<5	32	6.5	<10	6	<5	7
*Dup 61	7.1	<3	6.8	3.0	2.6	<1	<0.2	<1	<10	<5	32	9.3	<10	<2	<5	5
*Blk BLANK	<0.5	<3	<0.5	<0.5	1.0	<1	<0.2	<1	<10	<5	<1	<0.5	<10	<2	<5	<1
*Std XRAL01	79.0	528	42.5	8.4	7.2	<1	4.6	<1	<10	<5	129	10.6	<10	23	<5	8



XRAL Laboratories
A Division of SGS Canada Inc.

INVOICE

Invoice To/Facture A:
Ironlake Minerals Inc.
Attn: D.J. Bazinet

22 Concession 16E, RR3
PENETANG
ON/CANADA/L9M 1R3

Work Order: 064073
Invoice Date: 18/07/01
Date Submitted: 04/07/01
Shipped Via: Self

Submitted By/Soumettez Par:
Ironlake Minerals Inc.
Attn: D.J. Bazinet

22 Concession 16E, RR3
PENETANG
ON/CANADA/L9M 1R3

Customer No.: 050081
Your P.O. No.:
Your Project No.:
Waybill No. :

Qty	Code	Description	# Ele	Unit Cost	Amt/Montant
68	PG205	Drying, Crushing & milling (hardened st		\$5.80	\$394.40
68	FA301	1AT Au Inst. Fire Assay	1	\$11.00	\$748.00
		Total			\$1142.40
	GST	7% GST Reg No. R105082572			\$79.97

TOTAL IN CANADIAN FUNDS / TOTAL EN DOLLARS CANADIEN \$1222.37

Subject to SGS General Terms and Conditions

Please remit to / S.V.P. envoyer votre paiement à:
P.O. Box 9581
Station 'A'
Toronto, ON
Canada
M5W 2K3

Please courier to / S.V.P. envoyer par courier à:
1885 Leslie Street
Don Mills, ON
Canada M3B 3J4
Tel: (416) 445-5755
Fax: (416) 445-4152

Please Quote Invoice Number / S.V.P. Spécifier le numéro de facture 081:00039839

Note/N.B.: 1.5% per month interest on Overdue Accounts / Intérêt de sur Comptes Arriérés de 1.5% Par Mois: Terms Net 30 days

ORIGINAL INVOICE



XRAL Laboratories
A Division of SGS Canada Inc.

1885 Leslie Street
Don Mills, Ontario
Canada M3B 3J4
Telephone (416) 445-5755
Fax (416) 445-4152

CERTIFICATE OF ANALYSIS

Work Order: 064073

To: **Ironlake Minerals Inc.**
Attn: **D.J. Bazinet**

Date : 18/07/01

22 Concession 16E, RR3
PENETANG
ON/CANADA/L9M 1R3


Copy 1 to :

P.O. No. :
Project No. :
No. of Samples : 68 Core & Rock
Date Submitted : 04/07/01
Report Comprises : Cover Sheet plus
Pages 1 to 2

Distribution of unused material:

Pulps: Discarded After 90 Days Unless Instructed!!!
Rejects: Discarded After 90 Days Unless Instructed!!!

Certified By :



Dr. Hugh de Souza, General Manager
XRAL Laboratories

ISO 9002 REGISTERED

Subject to SGS General Terms and Conditions

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion



XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 064073 **Date:** 18/07/01

FINAL

Page 1 of 2

Element.	Au
Method.	FA301
Det.Lim.	1
Units.	ppb
18270	1
18271	56
18272	200
18273	31
18274	252
18275	49
18276	4
18277	17
18278	138
18279	12
18280	39
18281	412
18282	121
18283	165
18284	510
18285	67
18286	55
18287	59
18288	33
18289	50
18290	45
18291	3
18292	14
18293	56
18294	200
18295	8
18296	1
18297	4
18298	17
18299	111
18300	161
18301	4
183002	2
183003	16
18386	3
18387	70
18388	59
18389	113
18390	77
18391	116
18392	81
18393	396
18394	13
18395	29
18396	101



XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 064073

Date: 18/07/01

FINAL

Page 2 of 2

Element.	Au
Method.	FA301
Det.Lim.	1
Units.	ppb
18397	28
18398	199
18399	135
18400	63
100	9
101	43
102	2
103	2
104	1
105	<1
106	17
107	4
108	3
109	2
110	3
111	19
112	92
113	11
114	7
115	<1
116	<1
117	5
118	2
*Dup 18270	1
*Dup 18282	112
*Dup 18294	195
*Dup 18388	64
*Dup 18400	54
*Dup 111	14



XRAL Laboratories
A Division of SGS Canada Inc.

1885 Leslie Street
Don Mills, Ontario
Canada M3B 3J4
Telephone (416) 445-5755
Fax (416) 445-4152

CERTIFICATE OF ANALYSIS

Work Order: 064485

To: **Ironlake Minerals Inc.**
Attn: **D.J. Bazinet**

Date : 10/08/01

22 Concession 16E, RR3
PENETANG
ON/CANADA/L9M 1R3

Copy 1 to :

P.O. No. :
Project No. :
No. of Samples : 8 Rock
Date Submitted : 30/07/01
Report Comprises : Cover Sheet plus
Pages 1 to 1

Distribution of unused material:

Pulps: Discarded After 90 Days Unless Instructed!!!
Rejects: Discarded After 90 Days Unless Instructed!!!

Certified By :

Dr. Hugh de Souza, General Manager
XRAL Laboratories

ISO 9002 REGISTERED

Subject to SGS General Terms and Conditions

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion



XRAL Laboratories
A Division of SGS Canada Inc.

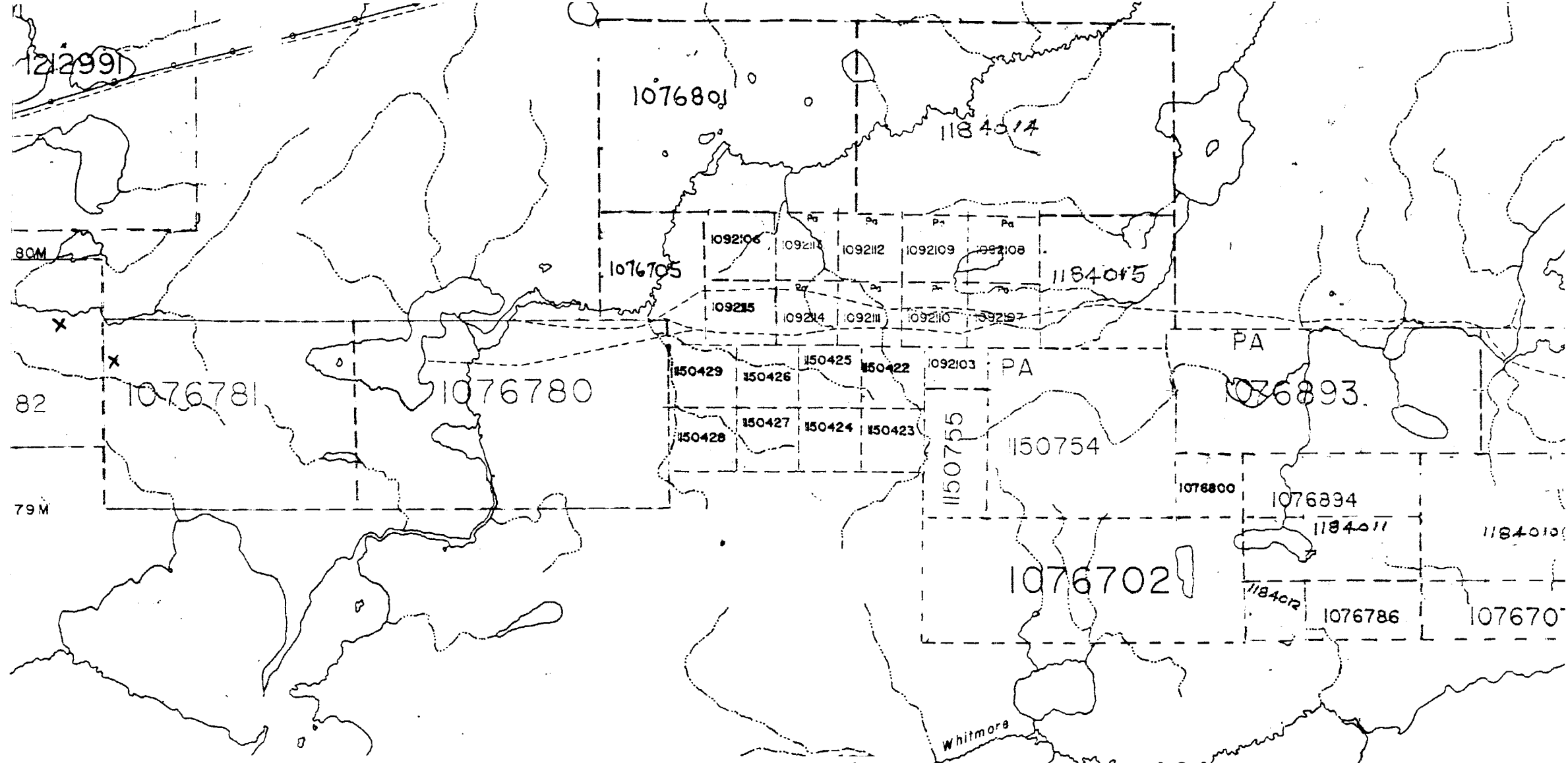
Work Order: 064485

Date: 10/08/01

FINAL

Page 1 of 1

Element.	Au
Method.	FA301
Det.Lim.	1
Units.	ppb
23653	<1
23654	<1
23655	<1
23656	<1
23657	<1
23658	2
23659	1
23660	3
*Dup 23653	<1

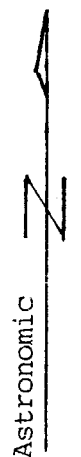
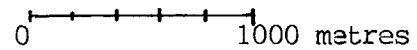


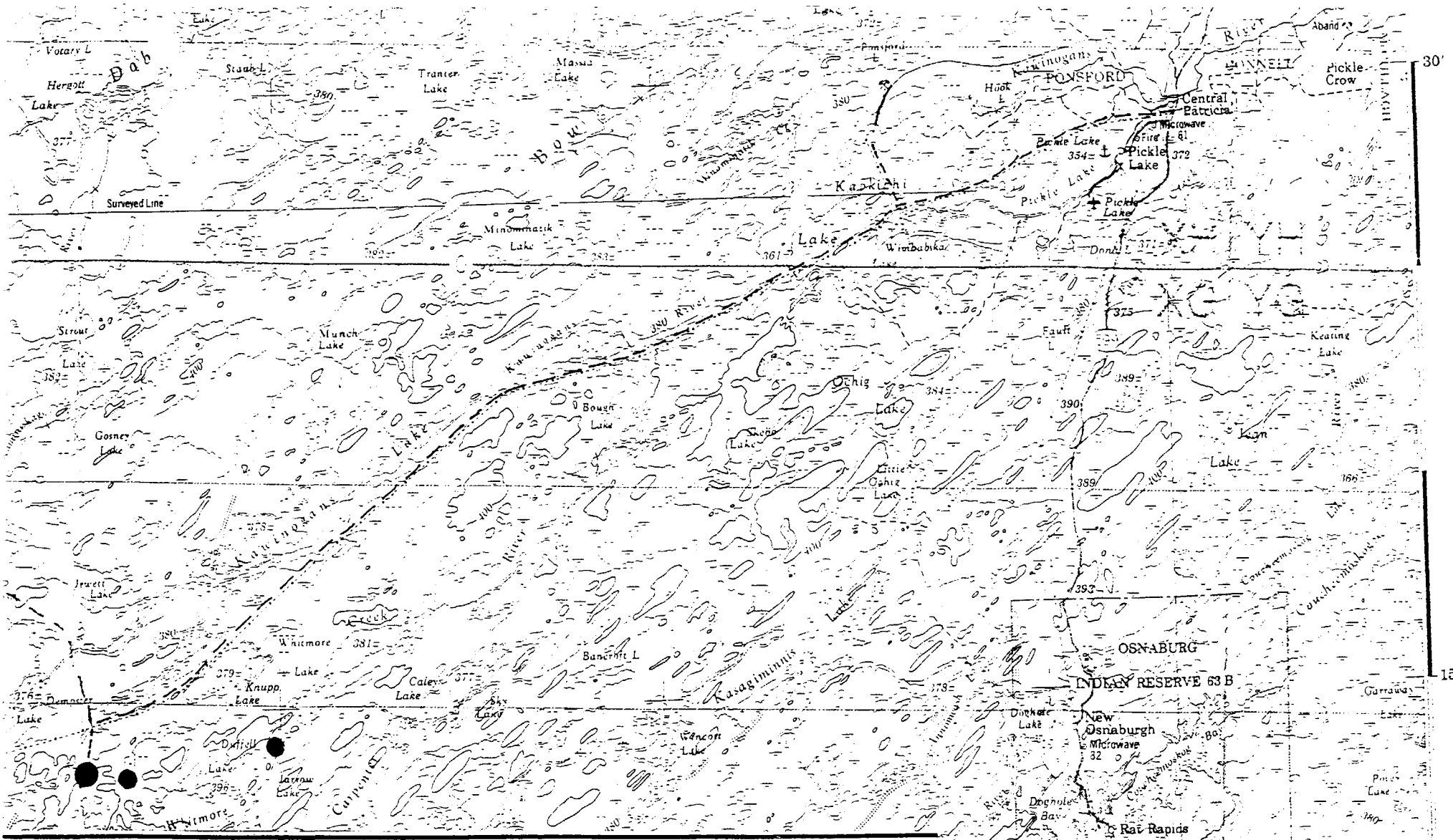
MAP SHOWING LOCATION OF TRENCHES

Scale 1 in = 40 chains

DUFFELL LAKE CLAIM MAP

G-2013

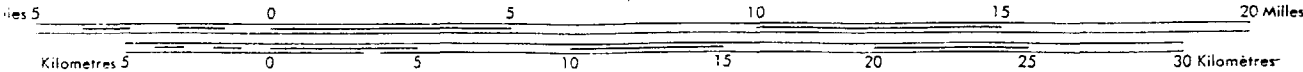




LAKE ST JOSEPH

ONTARIO

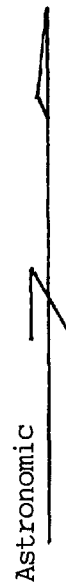
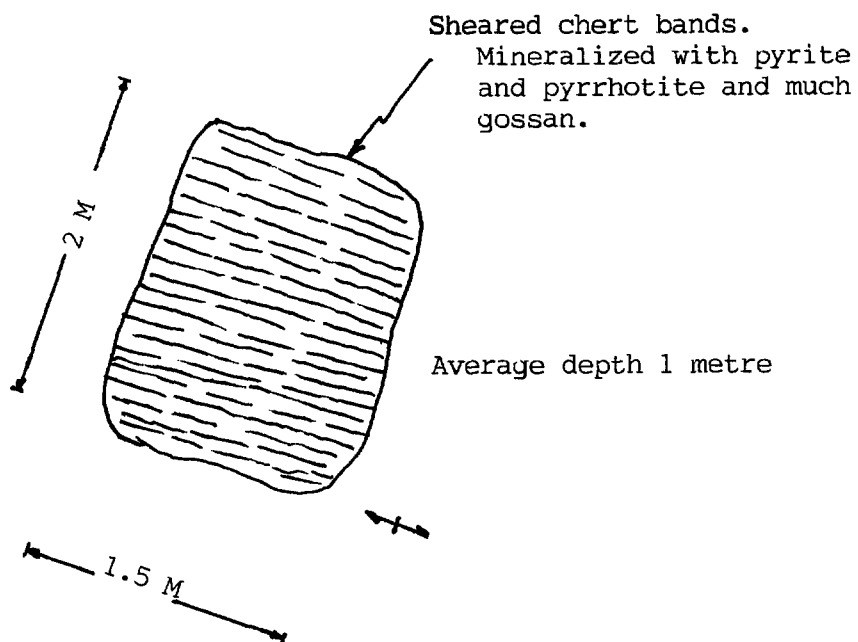
Scale 1:250,000 Échelle



Magnetic declination 1979 varies from 2°54' easterly at centre of west edge to 0°29' easterly at centre of east edge. Mean annual change decreasing 0.9.

La déclinaison magnétique pour 1979 varie de 2°54' est au centre de la limite ouest à 0°29' est au centre de la limite est. Variation moyenne annuelle décroissante 0.9.

PLAN OF TRENCH NO. 3 AREA



Scale 1:50



PLAN OF TRENCH NO. 1 AREA

Alternating bands of grey chert and amphibolite,
sheared and fractured. Mineralized with
pyrrhotite and pyrite. Much gossan.

85°

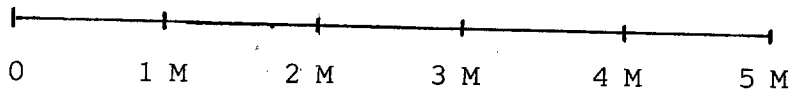
Average depth 60 cms.

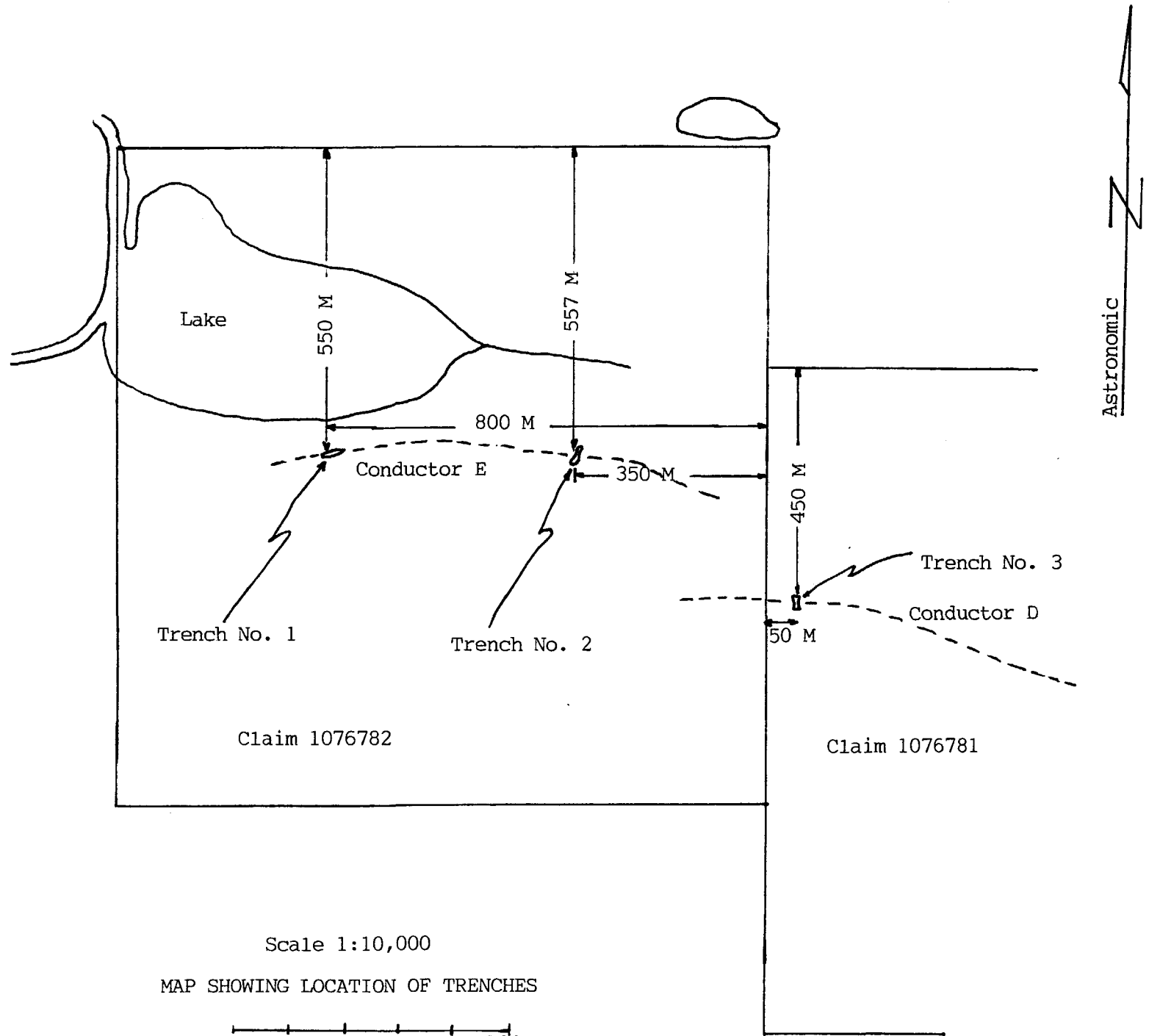
4 M

5.5 M

Astronomic

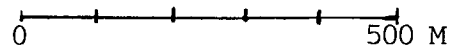
Scale 1:50





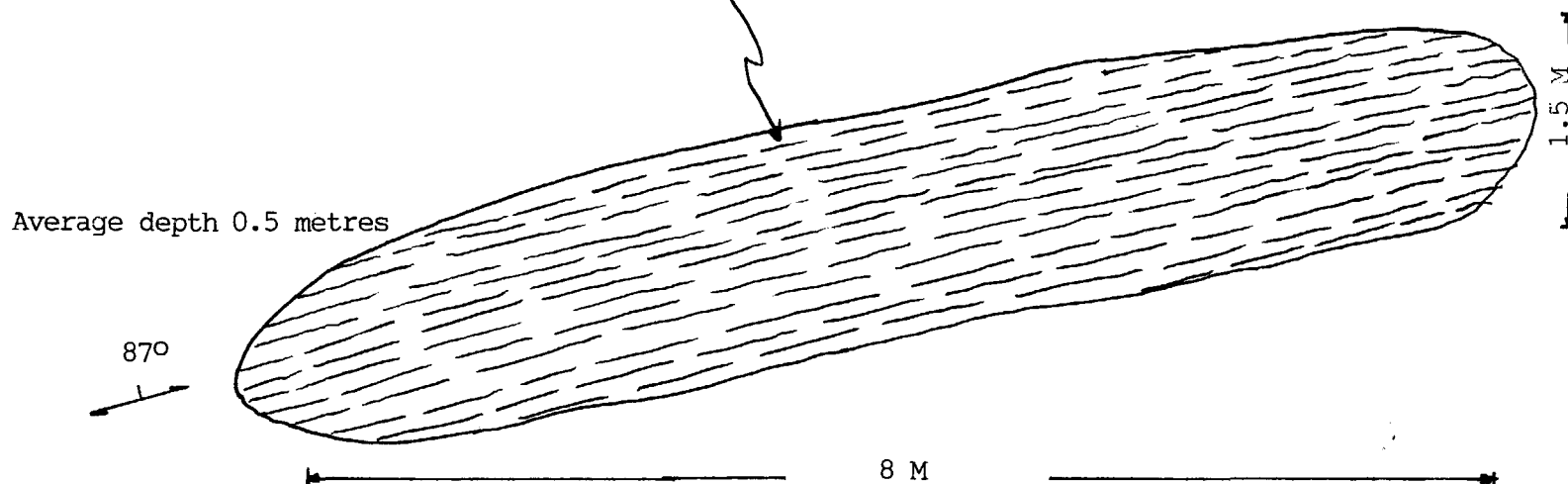
Scale 1:10,000

MAP SHOWING LOCATION OF TRENCHES

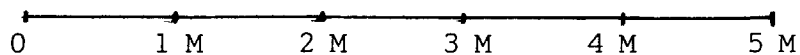


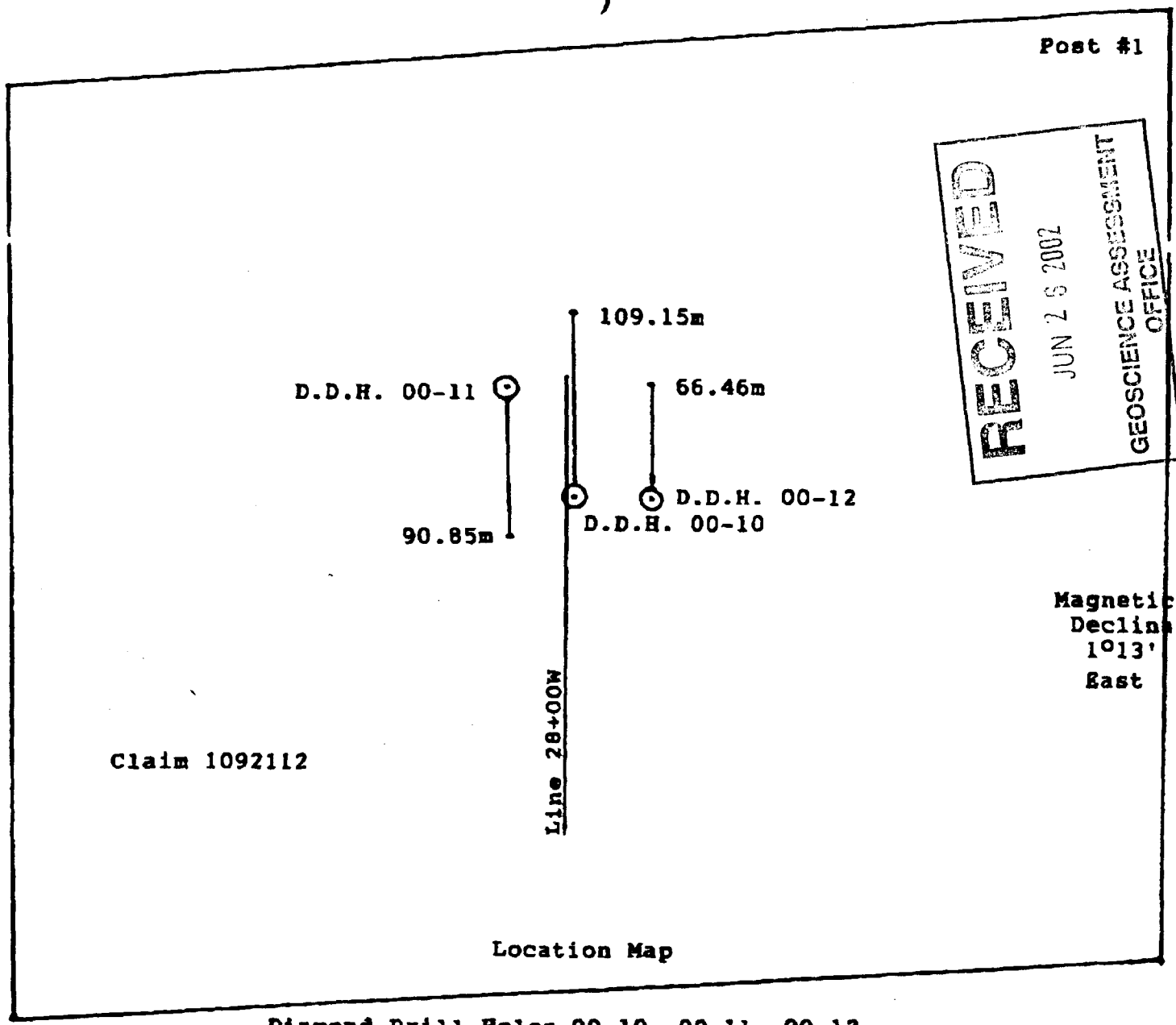
PLAN OF TRENCH NO. 2 AREA

Sheared and fractured bands of chert alternating with bands of amphibole. Mineralized with disseminated pyrrhotite and pyrite. Veinlets of massive pyrrhotite and pyrite in fractures. Much gossan on surface.



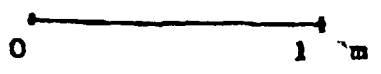
Scale 1:50





Location Map

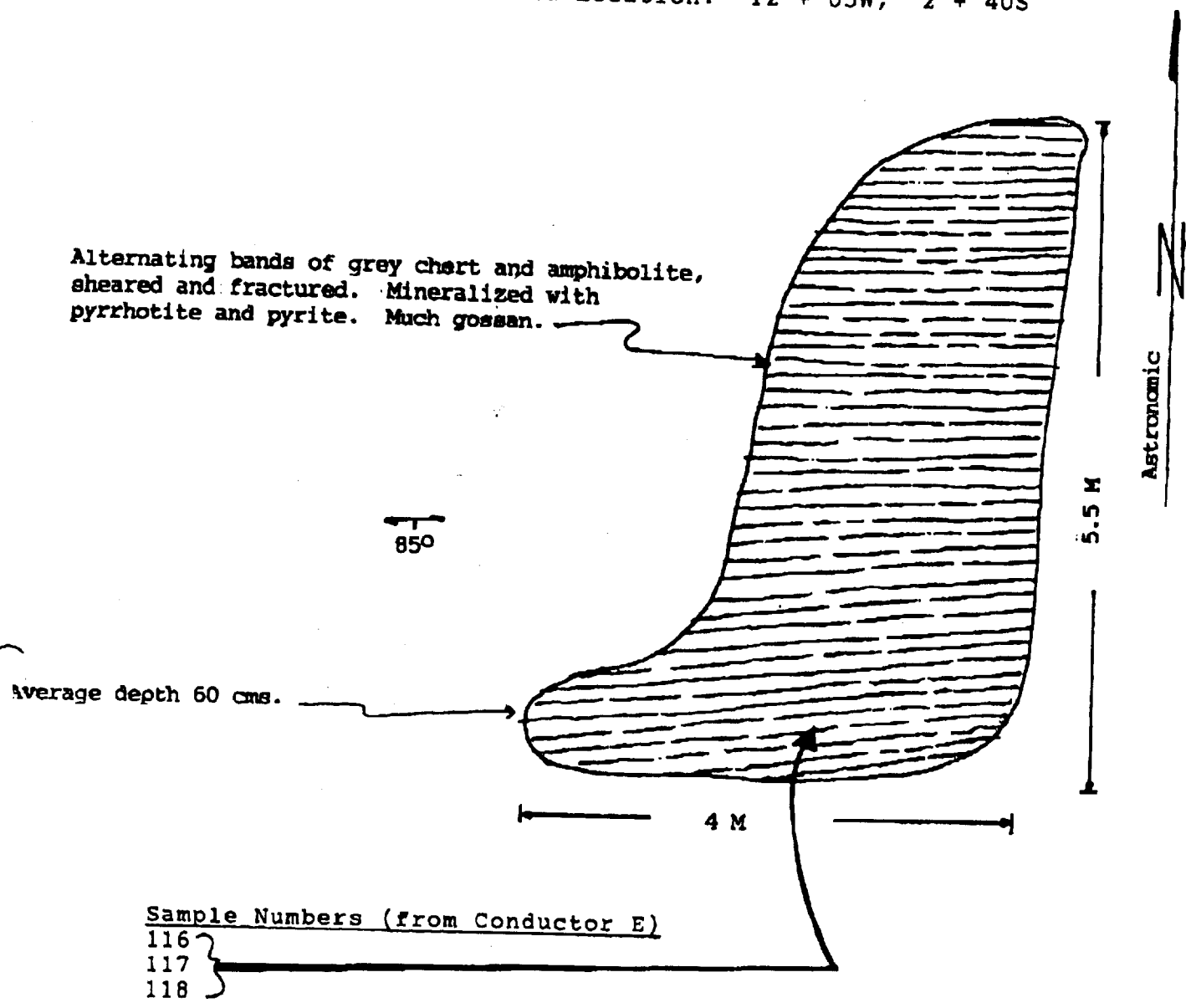
Diamond Drill Holes 00-10, 00-11, 00-12
 Iron Lake Minerals Inc.
 Scale 1:5000



PLAN OF TRENCH NO. 1 AREA

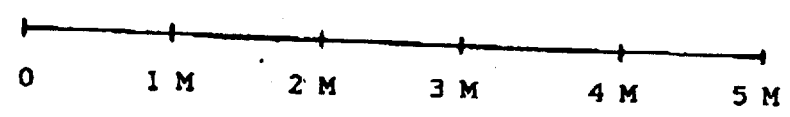
Grid Location: 12 + 05W, 2 + 40S

Alternating bands of grey chert and amphibolite, sheared and fractured. Mineralized with pyrrhotite and pyrite. Much gossan.



Sample Numbers (from Conductor E)
 116
 117
 118

Scale 1:50



PLAN OF TRENCH NO. 2 AREA

Grid Location: 8W, 0 + 90S

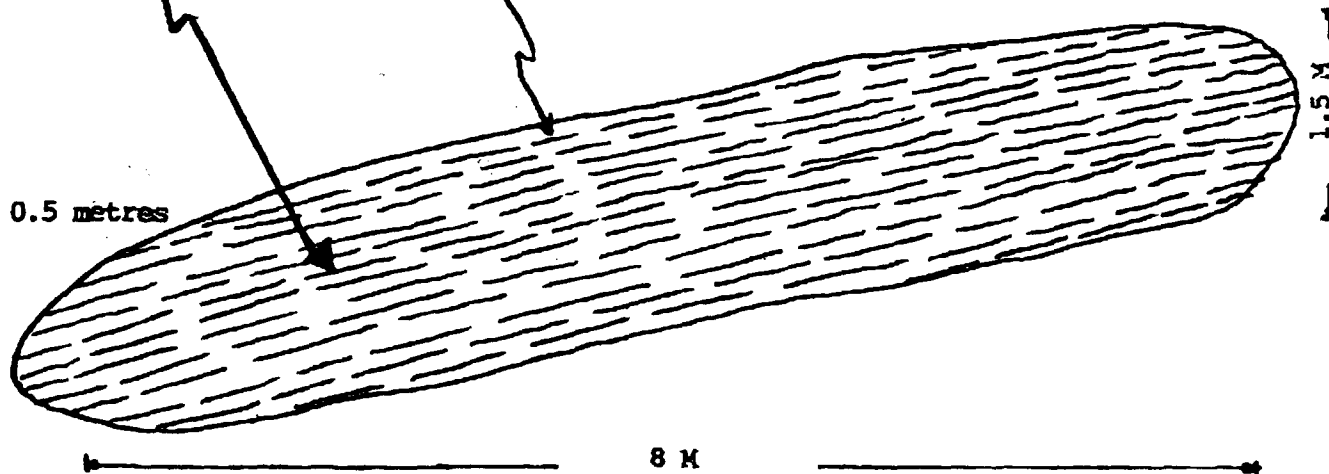
Sample Numbers (from Conductor E)

- 105
- 106
- 108
- 109
- 115

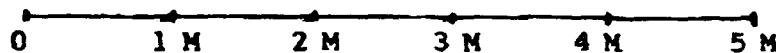
Sheared and fractured bands of chert alternating with bands of amphibole. Mineralized with disseminated pyrrhotite and pyrite. Veinlets of massive pyrrhotite and pyrite in fractures. Much gossan on surface.

Average depth 0.5 metres

87°



Scale 1:50



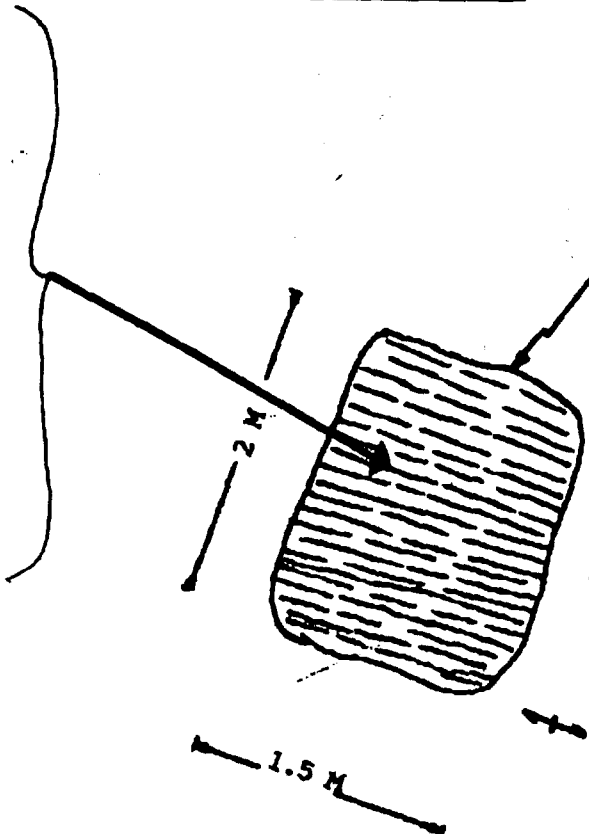
Astronomic

PLAN OF TRENCH NO. 3 AREA

Grid Location: 3 + 30W, 1 + 90S

Sample Numbers (from Conductor D)

- 100
- 23653
- 101
- 23654
- 102
- 23655
- 103
- 23656
- 104
- 23657
- 107
- 23658
- 110
- 23659
- 111
- 23660
- 112
- 113
- 114

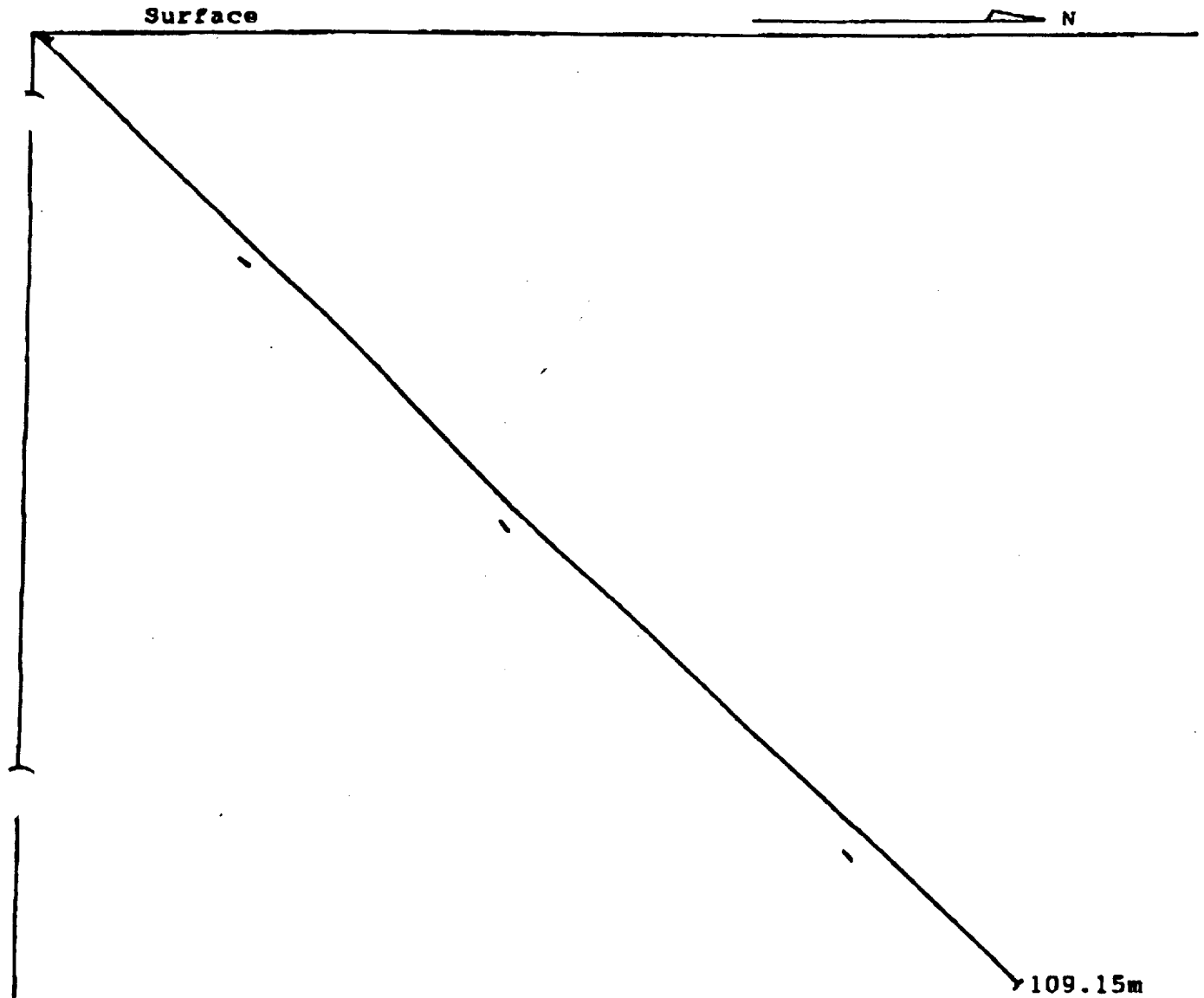


Sheared chert bands.
Mineralized with pyrite
and pyrrhotite and much
gossan.

Average depth 1 metre

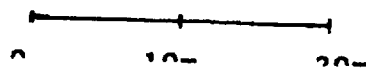
Scale 1:50

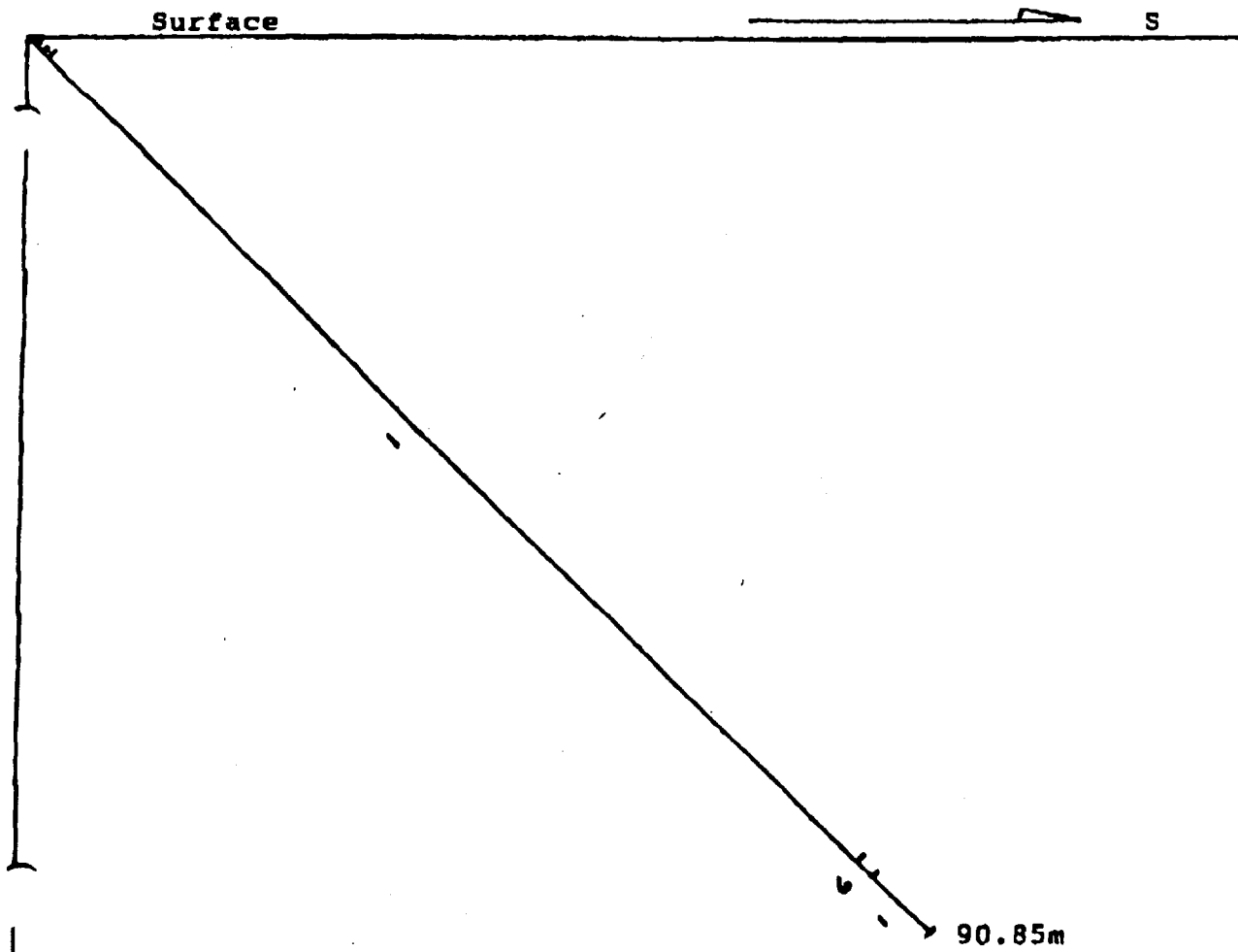




Mining Claim No 1092112
Vertical Section
D.D.H. 00-10
Iron Lake Minerals Inc.

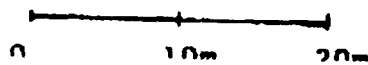
Scale 1:50

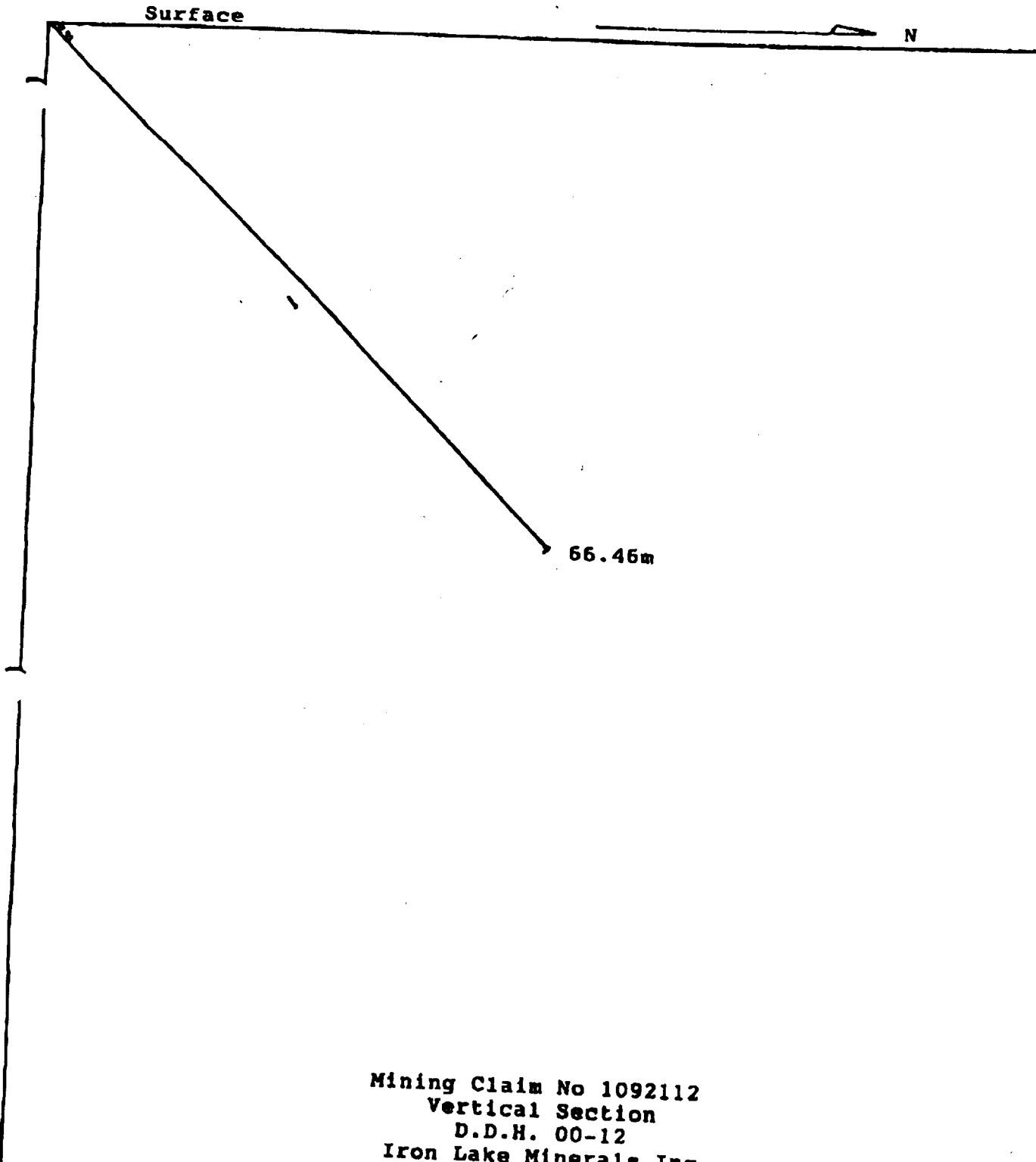




Mining Claim No 1092112
Vertical Section
D.D.H. 00-11
Iron Lake Minerals Inc.

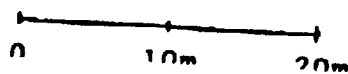
Scale 1:50




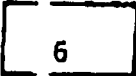
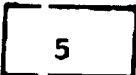
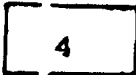
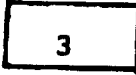
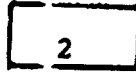
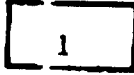


Mining Claim No 1092112
Vertical Section
D.D.H. 00-12
Iron Lake Minerals Inc.

Scale 1:50



LEGEND

	Overburden
	Feldspar Porphyry
	Granitized sediments
	Argillaceous Schist
	Tuff
	Iron Formation, Chert, Chemical sediments
	Basaltic-Andesite and related Tuff
Mag	Magnetite
Py	Pyrite
Po	Pyrrhotite
Ch	Chalcopyrite
Qtz	Quartz

Date: 2002-JUL-23

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

BRENDA ANNE LAMOUREUX
43 RUE VANIER
R.R. #3
PENETANG, ONTARIO
L9M 1R3 CANADA

Tel: (888) 415-9845
Fax: (877) 670-1555

Submission Number: 2.23687
Transaction Number(s): W0230.00963

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

The total value of work approved for this submission is \$30,207.00.

If you have any question regarding this correspondence, please contact LUCILLE JEROME by email at lucille.jerome@ndm.gov.on.ca or by phone at (705) 670-5858.

Yours Sincerely,



Ron Gashinski
Senior Manager, Mining Lands Section

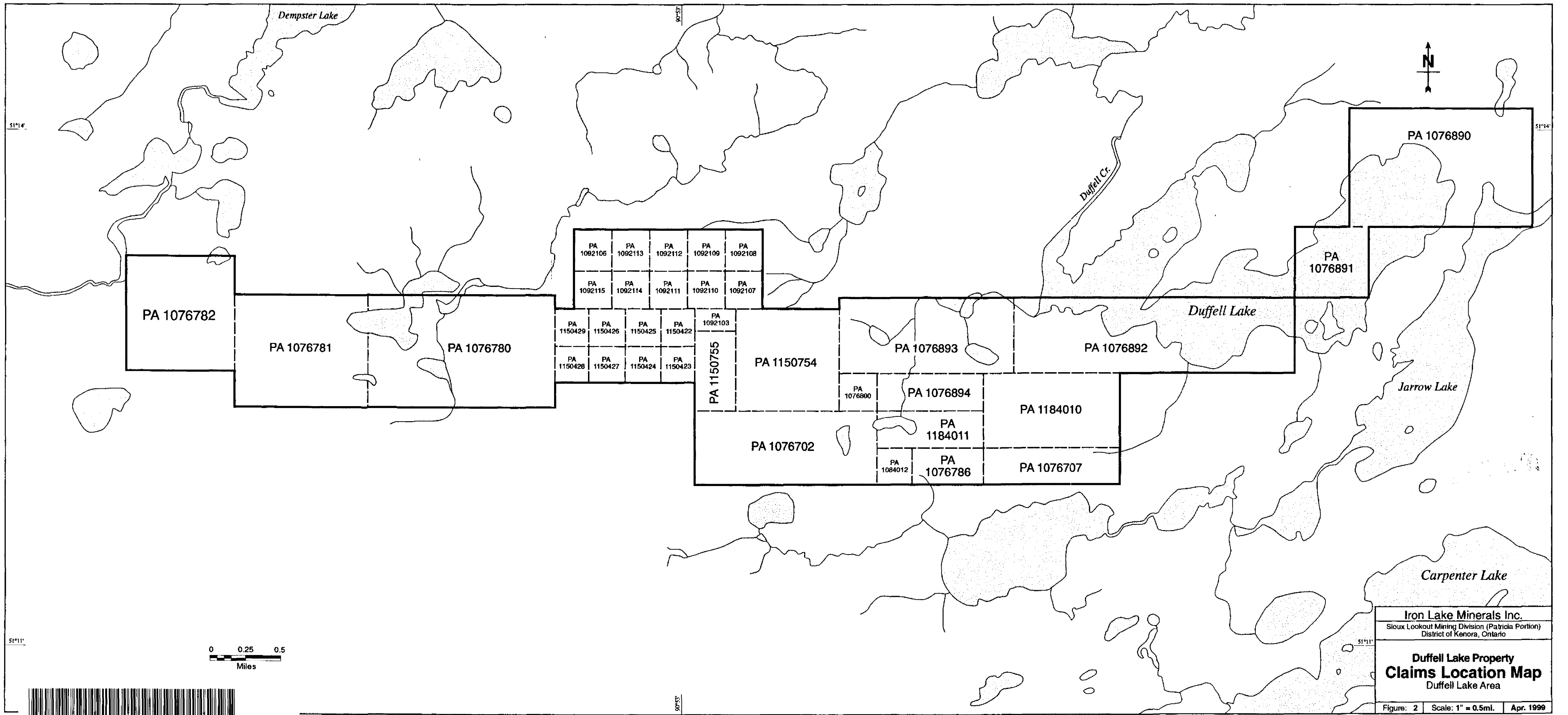
Cc: Resident Geologist

Deborah Jean Bazinet
(Agent)

Brenda Anne Lamoureux
(Assessment Office)

Assessment File Library

Brenda Anne Lamoureux
(Claim Holder)

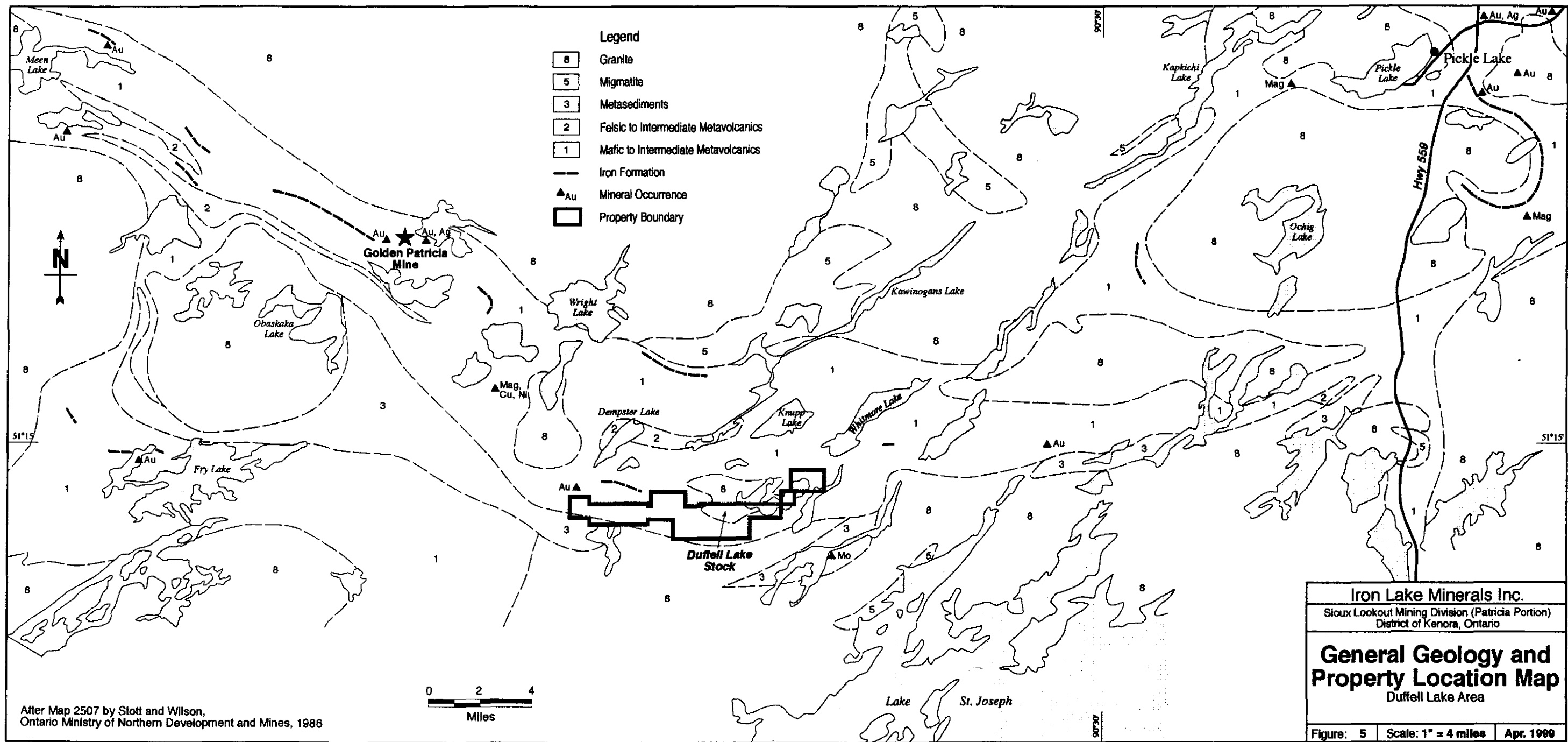


Iron Lake Minerals Inc.
 Sioux Lookout Mining Division (Patricia Portion)
 District of Kenora, Ontario

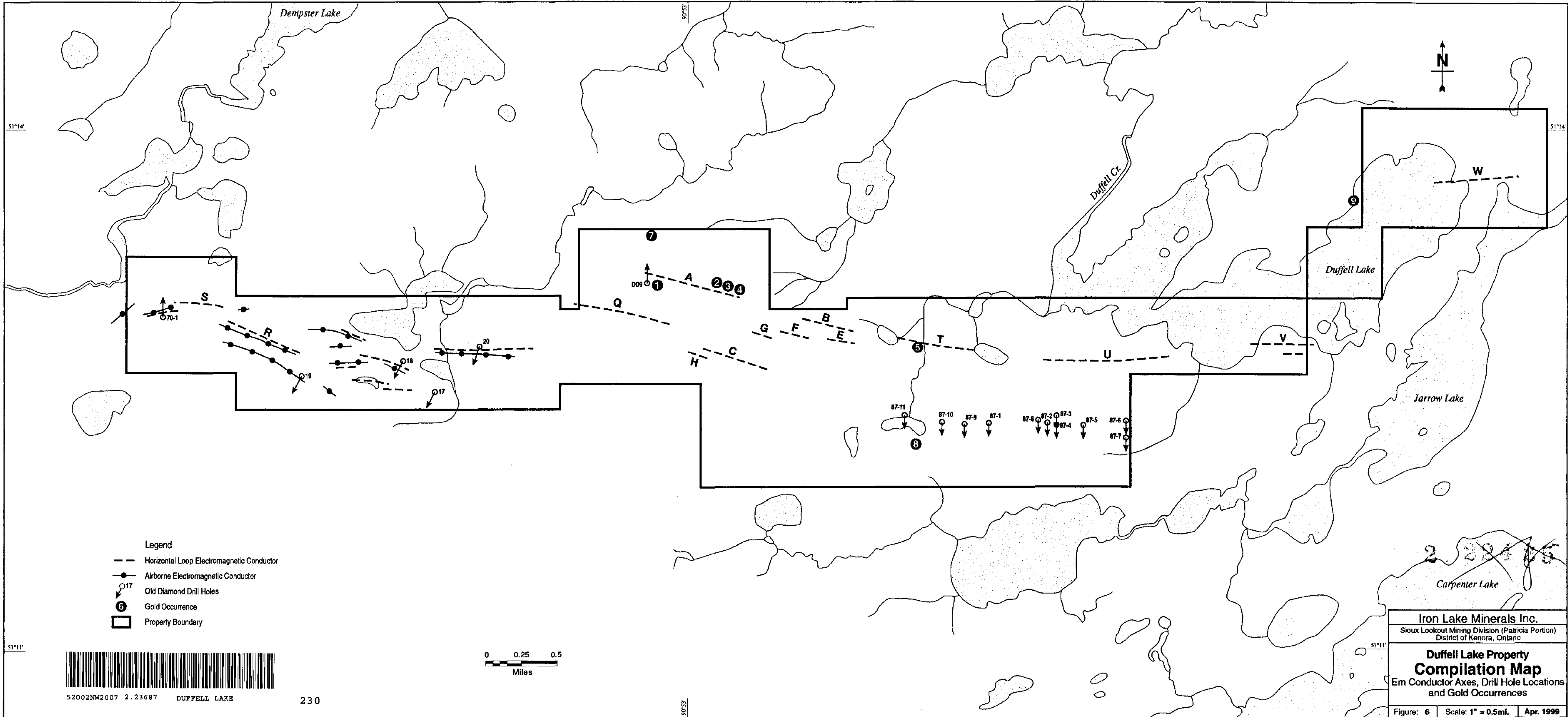
**Duffell Lake Property
 Claims Location Map**
 Duffell Lake Area

Figure: 2 Scale: 1" = 0.5mi. Apr. 1999





52002NW2007 2.23687 DUFFELL LAKE



Legend

- Horizontal Loop Electromagnetic Conductor
- Airborne Electromagnetic Conductor
- Old Diamond Drill Holes
- ⑥ Gold Occurrence
- Property Boundary



52002NW2007 2.23687 DUFFELL LAKE

230



2.224/5

Carpenter Lake

Iron Lake Minerals Inc. Sioux Lookout Mining Division (Patricia Portion) District of Kenora, Ontario	
Duffell Lake Property Compilation Map Em Conductor Axes, Drill Hole Locations and Gold Occurrences	
Figure: 6	Scale: 1" = 0.5mi.
Apr. 1999	

