Prospecting and Trenching Report
WASSENAAR PROPERTY
Strathcona Township

August 1998

NTS: 31 L/13
31 M/4

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1.0 INTRODUCTION:

From May 1, 1997 to July 19 , 1998, an ongoing program of prospecting, sampling and trenching was carried out on the Wassenaar Property by W. Wassenaar A-49359, Siek Wassenaar A-52034, S.L. Wassenaar A-52037, M. Duff (helper) and J.L. Wassenaar A-52033 of 7 Roxville Avenue, Toronto, Ontario M4G 3P7. The claims are held by the aforementioned except for M. Duff. This work is reported on by David Laronde of Meegwich Consultants Inc. P.O. Box 482, Temagami, Ontario POH 2HO.

During the course of this work several traditional prospecting techniques were utilized as well as scuba diving and underwater sampling. A total of **79** man days were spent on the property. The dates of the work are tabulated in Appendix III. Forty days were spent on trenching work and 35 days on prospecting and stripping and 4 days underwater prospecting (scuba diving) . Forty-eight samples were taken.
The men who performed the work reside in or near Toronto and thus operated from their home base which meant extensive travel on weekends and other time-off situations.

2.0 PROPERTY:

The property consists of a group of 11 mining claims situated on the common boundary of Strathcona and Riddel Townships. (Note: some of the claims are less than 16 hectares in size). The 456 hectare property is described as follows:

2.18775

1.0 INTRODUCTION:

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2.0 PROPERTY:

The property consists of a group of 11 mining claims situated on the common boundary of Strathcona and Riddel Townships. (Note: some of the claims are less than 16 hectares in size). The 458 hectare property is described as follows:

1191007	3 units	1191008	1 unit

7/8

145018.4	00200E	00475.00S	57655.76	057449.34	99	0000N	24.0	+020.6	+007.8	052	017	028.22
145042.9	00200E	00462.50S	58547.96	058346.10	99	0000N	24.0	+016.6	+004.7	054	014	028.57
145106.8	00200E	00450.00S	57514.79	057318.22	99	0000N	24.0	+011.3	+002.9	053	019	028.73
145128.4	00200E	00437.50S	57785.60	057591.57	99	0000N	24.0	+011.9	+002.7	057	011	029.84
145153.7	00200E	00425.00S	57492.70	057298.26	99	0000N	24.0	+008.8	+001.4	053	021	029.30
145214.3	00200E	00412.50S	57489.58	057292.26	99	0000N	24.0	+006.7	+002.7	059	008	030.29
145237.7	00200E	00400.00S	57475.01	057275.64	99	0000N	24.0	+007.0	+001.7	060	006	030.70
151153.2	00100E	00800.00S	57579.31	057342.34	99	0000N	24.0	-014.9	+004.6	053	011	027.87
151212.3	00100E	00787.50S	57568.84	057330.75	99	0000N	24.0	-013.7	+005.7	054	006	027.90
151233.0	00100E	00775.00S	57561.01	057320.89	99	0000N	24.0	-020.9	+004.3	052	011	027.55
151256.7	00100E	00762.50S	57554.49	057312.02	99	0000N	24.0	-019.9	+002.5	055	007	028.29
151317.2	00100E	00750.00S	57607.25	057364.56	99	0000N	24.0	-021.6	+003.5	053	009	027.68
151606.7	00100E	00737.50S	57621.69	057376.57	99	0000N	24.0	-018.4	+003.7	054	009	028.06
151632.9	00100E	00725.00S	57611.61	057365.33	99	0000N	24.0	-022.6	+002.7	054	012	028.32
151732.6	00100E	00712.50S	57555.91	057307.71	99	0000N	24.0	-031.8	+001.7	052	012	027.30
151853.3	00100E	00700.00S	57565.72	057314.95	99	0000N	24.0	-038.2	-002.3	050	009	026.12
151918.5	00100E	00687.50S	57600.97	057347.68	99	0000N	24.0	-043.0	-005.4	051	008	026.28
151953.1	00100E	00675.00S	57621.48	057366.60	99	0000N	24.0	-040.0	-007.9	056	009	029.08
152015.4	00100E	00662.50S	57603.89	057348.01	99	0000N	24.0	-038.5	-005.2	060	002	030.70
152037.0	00100E	00650.00S	57558.10	057300.88	99	0000N	24.0	-034.1	-002.4	064	000	032.99
152103.3	00100E	00637.50S	57564.63	057306.52	99	0000N	24.0	-029.6	+004.0	061	003	031.53
152122.2	00100E	00625.00S	57587.50	057327.60	99	0000N	24.0	-034.8	+000.1	060	011	031.53
152140.0	00100E	00612.50S	57607.33	057345.14	99	0000N	24.0	-025.1	+004.8	065	011	033.78
152201.1	00100E	00600.00S	57567.42	057303.48	99	0000N	24.0	-020.6	+009.7	063	011	032.77
152220.2	00100E	00587.50S	57571.91	057307.53	99	0000N	24.0	-032.5	+003.8	058	020	031.37
152240.7	00100E	00575.00S	57599.82	057332.71	99	0000N	24.0	-033.8	-001.8	061	016	032.48
152304.7	00100E	00562.50S	57626.88	057358.82	99	0000N	24.0	-041.5	-006.6	062	019	033.05
152327.4	00100E	00550.00S	57507.03	057237.33	99	0000N	24.0	-047.4	-012.2	066	026	036.65
152346.6	00100E	00537.50S	57561.17	057290.53	99	0000N	24.0	-034.8	-007.9	079	035	044.34
152406.2	00100E	00525.00S	57548.17	057274.68	99	0000N	24.0	-006.2	-001.1	091	023	047.96
152442.5	00100E	00512.50S	57563.29	057280.85	99	0000N	24.0	+001.4	+000.4	039	015	042.80
152503.9	00100E	00500.00S	57623.46	057336.81	99	0000N	24.0	+004.6	+000.5	071	027	038.81
152527.5	00100E	00487.50S	57739.45	057450.43	99	0000N	24.0	+010.1	+001.2	072	021	038.30
152553.4	00100E	00475.00S	57867.38	057577.38	99	0000N	24.0	+005.4	-001.4	068	020	036.61
152617.0	00100E	00462.50S	57798.67	057507.84	99	0000N	24.0	+011.5	-001.6	067	020	035.85
152645.7	00100E	00450.00S	57617.87	057327.60	99	0000N	24.0	+000.0	-005.4	066	027	036.33
152707.2	00100E	00437.50S	57803.61	057513.36	99	0000N	24.0	+009.3	-002.0	068	024	036.96
152725.6	00100E	00425.00S	57766.76	057476.58	99	0000N	24.0	+011.9	+000.9	070	018	037.19
152745.9	00100E	00412.50S	57618.48	057329.62	99	0000N	24.0	+017.1	+004.6	067	017	035.44
152807.7	00100E	00400.00S	57574.23	057286.54	99	0000N	24.0	+019.2	+005.6	069	006	035.53
152825.5	00100E	00387.50S	57597.79	057311.72	99	0000N	24.0	+018.0	+007.6	068	009	035.34
152845.0	00100E	00375.00S	57610.93	057324.60	99	0000N	24.0	+021.8	+013.5	062	015	032.96

1191007	3 units	1191008	1 unit
1191005	1 unit	1191004	1 unit
1191006	4 units	1191002	1 unit
1076960	1 unit	1076974	1 unit
1076969	1 unit	1191009	12 units
1140887	4 units		

Topography: Much of the land has been clear-cut several years ago and has been replanted with pine. Typically the topography is rugged with rolling hills with some steep inclines in places. Black spruce swamp coverage is typical of the low lying areas.

3.0 LOCATION AND ACCESS:

The property is located 7 km southeast of the town of Temagami, Ontario which is 100 km north of the city of North Bay along Hwy 11. The claim group is accessed from a logging road which heads 5 km east from Hwy 11 at a point some 12 km south of Temagami. The claim block partially covers Upper Twin Lake while most of the property lies to the south of the lake along the common boundary between Strathcona and Riddel Townships.

4.0 TRENCHING:

Forty man days were spent on an intense program of trenching which consisted mostly of manual trenching and blasting, channel and grab sampling. **Some** power stripping with a backhoe, drilling and blasting (Cobra plugger) was done

however for the most part old style manual pick, shovel and bar was used to follow mineralized zones.

Backhoe	Sept. 12, 1997	3.5 hrs	$50/hr Chris Salmond
Cobra Plugger	Oct. 30, Nov.1, 97	13 hrs	$20/hr Fred Blake

Trench locations on the grid where equipment was used.

00, 00

025 S, 025W

136 S, 055 E

015 S, 045 E

These trenches were first worked manually and after encouraging sample results underwent a second phase of more intense work with powered equipment described above.

Other trench locations where manual stripping was done are found on an east-west zone between the Beaver Pond and Upper Twin Lake (North Beaver Pond). (see Trenching and Prospecting Map)

5.0 PROSPECTING & STRIPPING:

In general the whole area of the claims was prospected with more intense work around areas of interest, namely the gridded area and around the Beaver Pond. A total of 39 days was spent prospecting, supervising in the field and gathering information. Traditional prospecting methods were used as well as Beep Mat prospecting and scuba diving at the south end of the Beaver Pond. The program proved to be successful in proving up some high grade gold values that were underwater in a large quartz-carbonate vein. Some of the areas that

were trenched were the result of Beep Mat prospecting on the area that later became a high priority gridded area.
The terrain is typically uneven ground with about 10% outcrop exposure. Glacial cover is thin except for the low lying areas that were filled in.

6.0 ROCK TYPES & MINERALIZATION:

Grid Area

On the grid rock types consisted mostly of massive to foliated mafic metavolcanics with rusty fractured filled areas containing up to 10% pyrite. Minor felsic dikes contain quartz in some cases. Chemical sediments are also noted:
Structure noted was north-south trending local faulting and northwest striking shearing which was also detected with the VLF-EM survey.
Mineralization consists of pyrrhotite, chalcopyrite, pyrite, magnetite and sphalerite. Assays reveal Au, Ag, Ni, Cu, Zn.

Beaver Pond Area

To the north of the Beaver Pond the rock type is mostly gabbroic with an east-west trending quartz-carbonate zone that pinches in and out. consisting of quartz-carbonate with spotty sulphide mineralization. At the south end of the pond is another large quartz-carbonate vein with pyrite that is found mainly underwater. The veins were sampled and prospected intensely.
Mineralization was mainly pyrite and pyrrhotite in the quartz-carbonate vein system. Assays show high gold values in some cases.

References

Bennett, G. 1978 Ontario Geological Survey Report No. 163
Geology of Northeast Temagami Area

Hart, Tom 1998 Geologic Report Wassenaar Property NTS 31 L/13
Strathcona Tp.

CERTIFICATE OF AUTHOR

I, David Laronde of the town of Temagami, Ontario hereby certify:

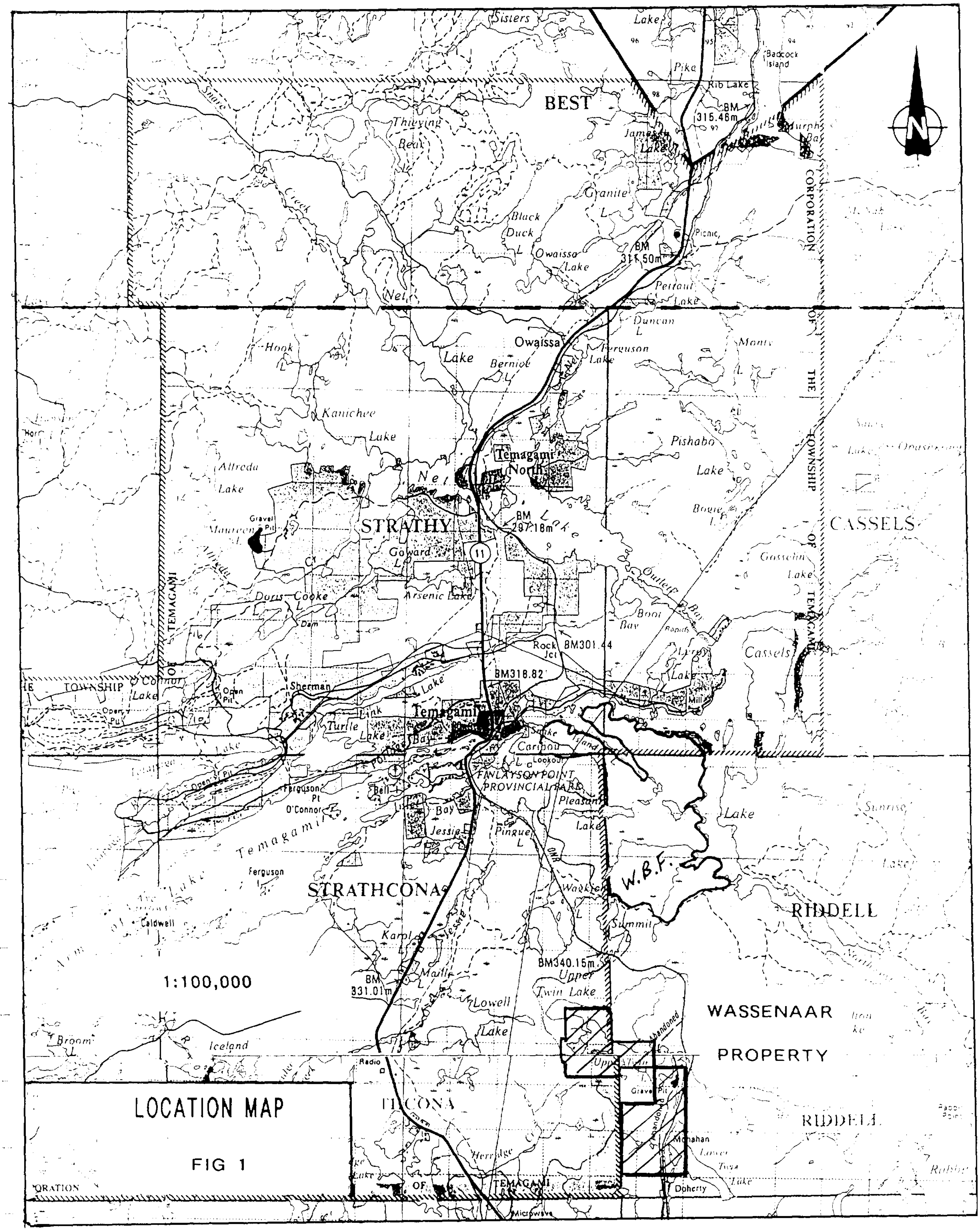
1. That I am a geology engineering technologist and have been engaged in mining exploration for the past 18 years.

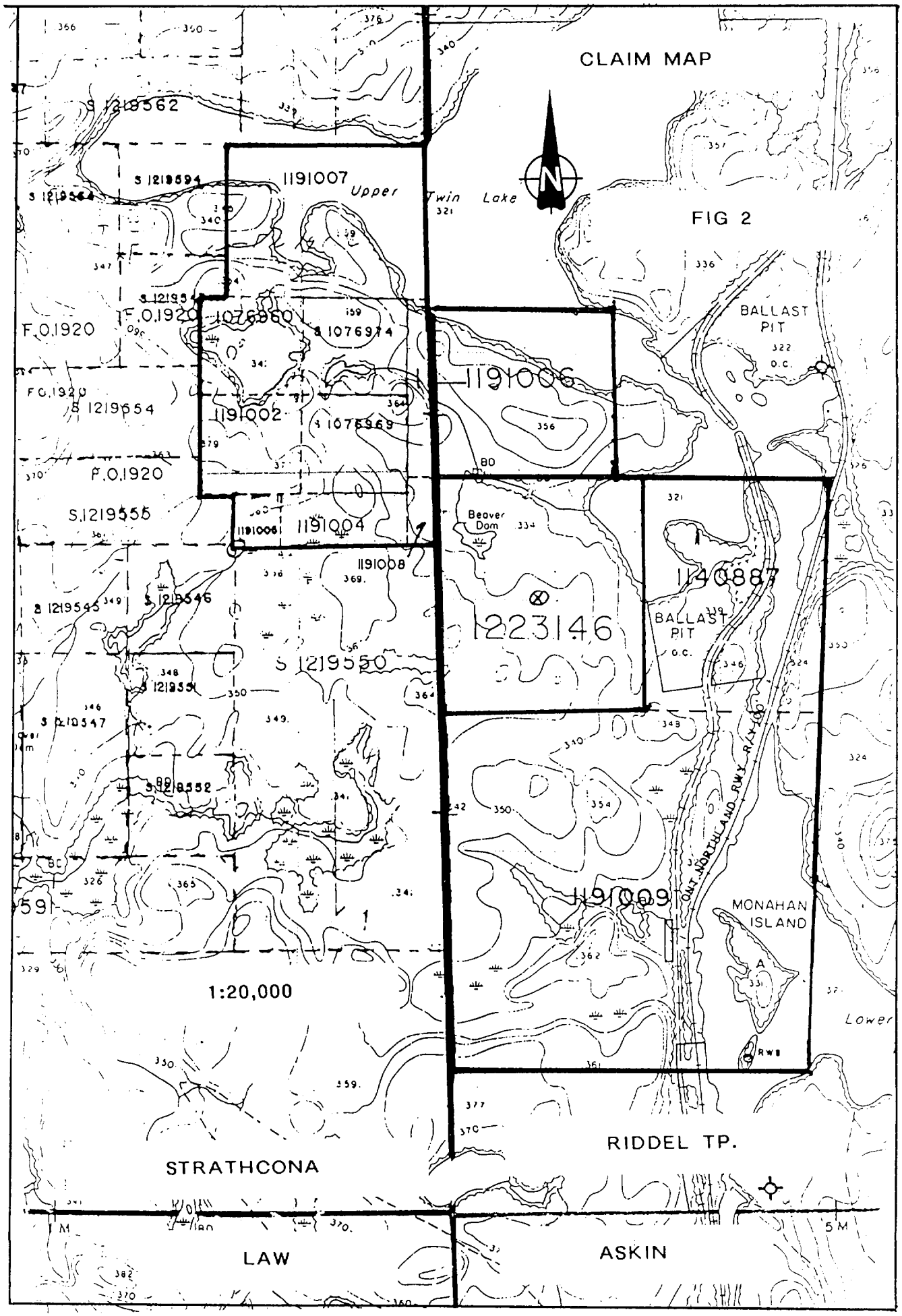
2. That I am a graduate of Cambrian College in Sudbury with a diploma in Geology Engineering Technology 1979

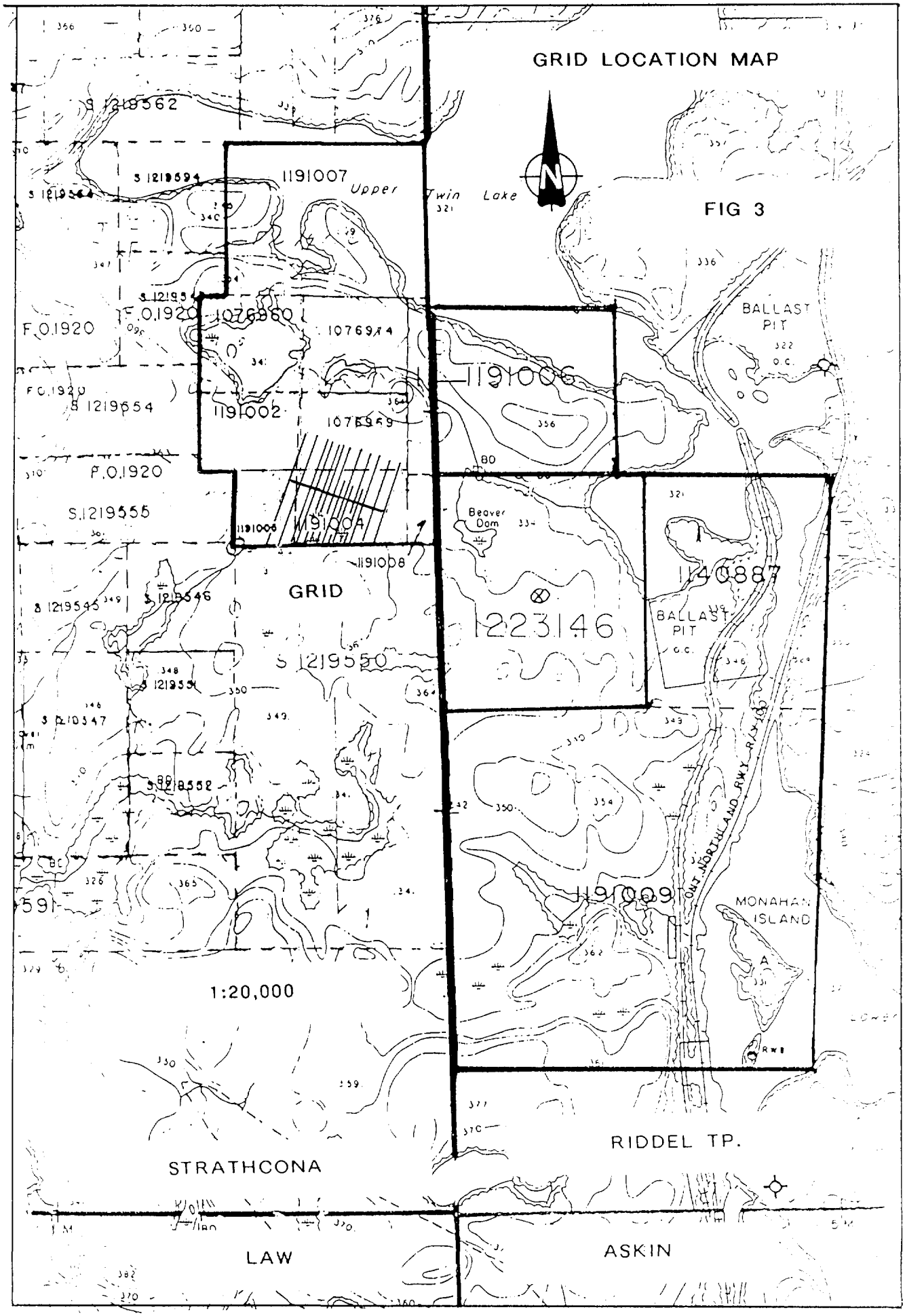
3. That my knowledge of the property described herein was acquired by a field visit and documentation.

Dated at Temagami this 31st day of August 1998.

David Laronde


BEST
STRATHY
CASSELS
STRATHCONA
RIDDELL
TEMAGAMI
Temagami North
Temagami
FINLAYSON POINT PROVINCIAL PARK
W.B.F.
1:100,000
WASSENAAR
PROPERTY
LOCATION MAP
FIG 1


CLAIM MAP
FIG 2
1191007
Upper Twin Lake
1191006
1191002
1191004
1191008
1223146
1140887
1191009
BALLAST PIT
Beaver Dom
MONAHAN ISLAND
OLD NORTHLAND RWY
F.0.1920
S.1219555
S 1219550
1:20,000
STRATHCONA
RIDDEL TP.
LAW
ASKIN
Lower


GRID LOCATION MAP
FIG 3
N
Upper Twin Lake
1191007
1191006
1191002
1191004
1191008
1223146
1140887
1191009
BALLAST PIT
BALLAST PIT
Beaver Dam
GRID
MONAHAN ISLAND
ONT. NORTHLAND RWY. R/W 10
1:20,000
STRATHCONA
RIDDEL TP.
LAW
ASKIN
F.0.1920
S.1219555

APPENDIX I&II

ASSAY CERTIFICATES

WHOLE ROCK ANALYSIS

Mineral Analysis: Sample No. by Element

Sample		,2-97	21-97	24-97	25-97	26-97	27-98
Units	Element	value	value	value	value	value	value
ppm	Be			0.9			<0.5
%	Na			0.11			0.08
%	Mg			2.17			0.82
%	Al			0.79			1.15
%	P			0.31			0.02
%	K			0.25			<0.01
%	Ca			0.9			0.4
ppm	Sc			2.3			3.6
%	Ti			0.06			0.11
ppm	V			106			65
ppm	Cr	260		104			141
ppm	Mn			620			722
%	Fe			6.27			5.08
ppm	Co		0.06%	47	0.03%	0.01%	161
ppm	Ni	780	0.09%	77	0.03%	0.02%	175
ppm	Cu	160	0.46%	78.3	0.20%	0.19%	306
ppm	Zn		0.05%	65.4	0	0.02%	1850
ppm	As			0			85
ppm	Sr			29.5			15.4
ppm	Y			18.5			3.2
ppm	Zr			9.2			4.4
ppm	Mo			0			1
ppm	Ag			0	5.2	3	1.2
ppm	Cd			0			4
ppm	Sn			0			<10
ppm	Sb			0			<5
ppm	Ba			47			4
ppm	La			19.1			3.8
ppm	W			0			<10
ppm	Pb			12			567
ppm	Bi			<5			<5

Aug 15/98

Mineral Analysis: Sample No. by Element

Sample		127-97	30-99	130-97	230-97	330-97	430-97
Units	Element	value	value	value	value	value	value
ppm	Be	1.4	<0.5	<.5	<.5	<.5	<.5
%	Na	0.04	0.04	0.04	0.06	0.07	0.05
%	Mg	0.43	0.85	0.26	0.27	0.22	0.23
%	Al	0.54	1.17	0.6	0.49	0.47	0.53
%	P	0.01	0.02	0.02	0.02	0.02	0.02
%	K	0.02	<0.01	0.03	0.02	0.03	0.03
%	Ca	1.85	0.25	0.35	0.28	0.38	0.48
ppm	Sc	2.2	6.2	5	8.2	6.6	4.6
%	Ti	0.04	0.1	0.08	0.09	0.11	0.1
ppm	V	30	73	68	93	70	54
ppm	Cr	98	121	117	120	115	100
ppm	Mn	999	492	235	159	189	226
%	Fe	7.02	12.6	11.4	9.18	5.87	3.97
ppm	Co	237	150	171	165	100	49
ppm	Ni	347	272	255	223	133	75
ppm	Cu	1490	637	2660	1520	682	3320
ppm	Zn	8790	223	345	24.3	10.9	88.8
ppm	As	30	48	141	<3	<3	<3
ppm	Sr	7	6	9.7	4.1	5.6	12.3
ppm	Y	2.7	3.4	3.4	3.5	3.2	3.2
ppm	Zr	<0.5	8.7	1	0.7	<0.5	<0.5
ppm	Mo	<1	<1	<1	<1	<1	<1
ppm	Ag	4.5	2.1	6.5	4	1	2.4
ppm	Cd	25	<1	<1	<1	<1	<1
ppm	Sn	<10	<10	<10	<10	<10	<10
ppm	Sb	<5	<5	<5	<5	<5	<5
ppm	Ba	14	6	7	2	3	6
ppm	La	13.9	0.5	2.7	1.7	1.4	1.2
ppm	W	<10	<10	<10	<10	<10	<10
ppm	Pb	1190	230	441	42	36	15
ppm	Bi	*INF	11	*INF	*INF	<5	*INF

Mineral Analysis: Sample No. by Element

Sample		530-97	630-97	930-97	1-98	2-98	4-98
Units	Element	value	value	value	L100W/200S	00	00
ppm	Be	<.5	<.5	<.5	<.5	<.5	<.5
%	Na	0.06	0.04	0.03	0.06	0.07	0.06
%	Mg	0.23	0.07	0.15	1.06	0.43	0.28
%	Al	0.4	0.2	0.16	1.37	0.92	0.74
%	P	0.02	0.02	<0.01	0.02	0.02	0.02
%	K	0.02	0.02	<0.01	0.03	0.06	0.04
%	Ca	0.3	0.26	0.23	0.46	0.36	0.44
ppm	Sc	4.5	1.9	<.5	5.1	5.4	5.1
%	Ti	0.09	0.06	0.03	0.2	0.12	0.1
ppm	V	61	28	32	79	57	38
ppm	Cr	106	113	35	123	120	120
ppm	Mn	145	91	223	601	380	180
%	Fe	7.24	4.89	14.4	5.22	7.62	5.6
ppm	Co	99	104	280	102	101	86
ppm	Ni	163	115	373	178	185	135
ppm	Cu	501	1310	4070	612	328	512
ppm	Zn	29.3	63.3	185	871	79.3	468
ppm	As	19	<3	<3	<3	<3	52
ppm	Sr	6.5	6.5	1.2	12.4	9.2	13.3
ppm	Y	3.1	1.9	2.4	5.2	3.1	2.9
ppm	Zr	0.5	<0.5	0.7	2.9	2.8	2.5
ppm	Mo	<1	<1	<1	<1	<1	<1
ppm	Ag	3.2	1.8	4.3	1.9	5.1	5.5
ppm	Cd	<1	<1	<1	2	<1	<1
ppm	Sn	<10	<10	<10	<10	<10	<10
ppm	Sb	<5	<5	<5	<5	<5	<5
ppm	Ba	4	4	<1	9	12	7
ppm	La	1.5	0.6	1.9	2.4	1.5	1.5
ppm	W	<10	<10	<10	<10	<10	<10
ppm	Pb	269	97	322	113	198	363
ppm	Bi	<5	*INF	*INF	5	17	21

Mineral Analysis: Sample No. by Element

Sample		5-98	6-98	7-98	9-98	12-98
Units	Element	00	00	00	00	00
ppm	Be	<.5	<.5	3.5	<.5	<.5
%	Na	0.08	0.05	0.04	0.04	0.03
%	Mg	0.28	0.47	0.24	1.46	0.13
%	Al	0.63	1.24	1.54	2.07	0.9
%	P	0.02	0.01	0.01	0.03	<.01
%	K	0.04	0.02	0.02	0.04	0.02
%	Ca	0.52	0.4	0.15	0.67	0.64
ppm	Sc	5.4	7.9	3.8	5.1	1.3
%	Ti	0.16	0.11	0.04	0.2	0.06
ppm	V	62	60	65	70	32
ppm	Cr	116	121	33	129	131
ppm	Mn	265	311	579	863	108
%	Fe	5.82	6.27	11.4	7.03	9.28
ppm	Co	58	1460	166	90	258
ppm	Ni	103	240	137	136	422
ppm	Cu	2790	3280	254	3860	1220
ppm	Zn	369	28	31.3	238	892
ppm	As	<3	5940	193	<3	20
ppm	Sr	15.4	20.5	4.4	16.6	22
ppm	Y	4.6	3.4	3	4.2	2.8
ppm	Zr	3.6	2.2	3.6	3.4	2.8
ppm	Mo	<1	1	<1	<1	<1
ppm	Ag	5.6	18.4	9.3	3.4	6.7
ppm	Cd	1	50	<1	1	7
ppm	Sn	<10	<10	<10	<10	<10
ppm	Sb	<5	<5	<5	<5	<5
ppm	Ba	6	30	15	12	<1
ppm	La	1.1	3.5	3.1	0.06	0.9
ppm	W	<10	<10	<10	<10	<10
ppm	Pb	198	692	269	169	1470
ppm	Bi	*INF	*INF	30	*INF	*INF

Summary of Gold & Silver Results				
Gold Analysis: Results by location				
Sample	**Gold**	**Gold**		
No.	**Gm/ton**	**Oz/ton**		
South Beaver Pond quartz/carbonate/pyrite vien				
3-96		0.96		
11-97	50.3			
12-97	59.2			
13-97	0.1			
14-97	0.07			
North Of Beaver Pond Along Claim line				
Conductor C1 pyrrhotite vien				
2-97	0.291			
9-97	0			
Quartz chlorite vien north of C1 & C2				
23-97	0			
Conductor C2 pyrrhotite vien				
4-97	0			
8-97	0			
10-97	0			
15-97	0			
Conductor C3 pyrrhotite vien				
6-97				
16-97	0.27			
17-97	0.03			
20-97	0			
21-97	0.14			
22-97	0			
"004" Area				
25-97	0			
26-97	0			
"004" Area - Bare Spot 1				
27-97	0.07			
127-97	<0.03			

"004" Area - Bare Spot 2				
28-97	2.91			
128-97	1.47			
228-97	1.89			
29-97	0.1			
30-97	0.03			
130-97	0.07			
230-97	0.27			
330-97	0.58			
430-97	0.14			
530-97	0.03			
630-97	0.14			
930-97	0.48			
1-98	<0.03			
2-98	2.37		5 gm/t silver	
3-98	<0.03			
4-98	2.19		5 gm/t silver	
5-98	1.65		5 gm/tsilver	
6-98	0.21		18 gm/t silver	
7-98	0.03		10 gm/t silver	
8-98	0.48			
9-98	0.27			
10-98	0.03			
12-98	<0.03		7 gm/t silver	
5-98b	3.98		8 gm/t silver	
930-97b	1.78		5 gm/t silver	

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

From/De:	DATA CENTER	**To/A:**	W. Wassenaar MD Attn: Willem Wassennar
Date:	29/07/98	**Fax:**	416-424-3492
Work Order #:	051546		
Project:			
Partial Report/Rapport Partiel:		[ ] YES/OUI	[X] NO/NON

FAX TRANSMITTANCE/TRANSMISSION DE FAX

Total Number of Pages Not Including Cover Letter: 3
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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: 051546 **Date:** 29/07/98 **PRELIMINARY**

Element.	Au	Ag	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn
Method.	FAG32	FAG32	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	0.03	3	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2
Units.	g/mt	g/mt	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm
12-98	<0.03	7	<0.5	0.03	0.13	0.90	<0.01	0.02	0.64	1.3	0.06	32	131	108
5-98	3.98	8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
930-97	1.78	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
*Dup 12-98	<0.03	7	<0.5	0.03	0.13	0.91	<0.01	0.01	0.65	1.4	0.06	32	131	108

XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 051546 **Date:** 29/07/98 **PRELIMINARY**

Element.	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5
Units.	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
12-98	9.28	258	422	1220	892	20	22.0	2.8	2.8	<1	6.7	7	<10	<5
5-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
930-97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
*Dup 12-98	9.50	270	433	1250	916	24	22.3	2.8	3.0	<1	6.8	7	<10	<5

XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 051546 **Date:** 29/07/98 **PRELIMINARY**

Element.	Ba	La	W	Pb	Bi
Method.	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	0.5	10	2	5
Units.	ppm	ppm	ppm	ppm	ppm
12-98	<1	0.9	<10	1470	*INF
5-98	n.a.	n.a.	n.a.	n.a.	n.a.
930-97	n.a.	n.a.	n.a.	n.a.	n.a.
*Dup 12-98	<1	1.3	<10	1500	*INF

XRAL

XRAL Laboratories
1885 Leslie Street
Don Mills, ON
Canada
M3B 3J4

Tel 416 445 5755
Fax 416 445 4152

Fax Transmission

To
Willem Wassennar
W. Wassenaar MD

416-424-3492

From
Data Centre

Tue Jun 16 17:41:42 1998

Copy to

Subject
Work Order:050967, Automatic Fax Cover + 5 pages

Message

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
Work Order: 050967 PRELIMINARY

Date: 16/06/98

Element.	Au	Ag	Be	Na	Mg	Al	P	K
Method.	FA32G	FA32G	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Units.	g/mt	g/mt	ppm	%	%	%	%	%
Det.Lim.	0.03	3	0.5	0.01	0.01	0.01	0.01	0.01
1-98	<0.03	<3	<0.5	0.06	1.06	1.37	0.02	0.03
2-98	2.37	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3-98	<0.03	<3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4-98	2.19	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5-98	1.65	5	<0.5	0.08	0.28	0.63	0.02	0.04
6-98	0.21	18	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7-98	0.03	10	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8-98	0.48	<3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9-98	0.27	3	<0.5	0.04	1.46	2.07	0.03	0.04
10-98	0.03	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
231-98	<0.03	<3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
*Dup 1-98	<0.03	<3	<0.5	0.06	1.07	1.36	0.02	0.03

XRAL Laboratories Date: 16/06/98
Work Order: 050967 PRELIMINARY

Element.	Ca	Sc	Ti	V	Cr	Mn	Fe	Co
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Units.	%	ppm	%	ppm	ppm	ppm	%	ppm
Det.Lim.	0.01	0.5	0.01	2	1	2	0.01	1
1-98	0.46	5.1	0.20	79	123	601	5.22	102
2-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5-98	0.52	5.4	0.16	62	116	265	5.82	58
6-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9-98	0.67	5.1	0.20	70	129	863	7.03	90
10-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
231-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
*Dup 1-98	0.41	4.7	0.19	76	122	600	5.26	104

XRAL Laboratories
Work Order: 050967 **PRELIMINARY**

Date: 16/06/98

Element.	Ni	Cu	Zn	As	Sr	Y	Zr	Mo
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Det.Lim.	1	0.5	0.5	3	0.5	0.5	0.5	1
1-98	178	612	871	<3	12.4	5.2	2.9	<1
2-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5-98	103	2790	369	<3	15.4	4.6	3.6	<1
6-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9-98	136	3860	238	<3	16.6	4.2	3.4	<1
10-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
231-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
*Dup 1-98	180	620	890	<3	11.0	4.6	2.6	<1

XRAL Laboratories
Work Order: 050967 PRELIMINARY

Date: 16/06/98

Element.	Ag	Cd	Sn	Sb	Ba	La	W	Pb
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Det.Lim.	0.2	1	10	5	1	0.5	10	2
1-98	1.9	2	<10	<5	9	2.4	<10	113
2-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5-98	5.6	1	<10	<5	6	1.1	<10	198
6-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9-98	3.4	1	<10	<5	12	0.6	<10	169
10-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
231-98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
*Dup 1-98	2.3	3	<10	<5	8	2.1	<10	113

XRAL Laboratories
Work Order: 050967 PRELIMINARY

Date: 16/06/98

Element.	Bi
Method.	ICP70
Units.	ppm
Det.Lim.	5
1-98	5
2-98	n.a.
3-98	n.a.
4-98	n.a.
5-98	*INF
6-98	n.a.
7-98	n.a.
8-98	n.a.
9-98	*INF
10-98	n.a.
231-98	n.a.
*Dup 1-98	5

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: 018361

To: W. Wassenaar MD
Attn: Willem Wassennar
7 Roxville Avenue

TORONTO
ONTARIO M4G 3P7

Date : 04/12/97

Copy 1 to :

Copy 2 to :

P.O. No. :
Project No. :
No. of Samples : 11 ROCK
Date Submitted : 07/11/97
Report Comprises : Cover Sheet plus
Pages 1 to 2

Distribution of unused material:
Pulps: No instructions.
Rejects: No instructions.

Certified By :

Dr. Hugh de Souza, General Manager
XRAL Laboratories

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: 018361 **Date:** 04/12/97 **FINAL**

Element.	Au	Ag	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni
Method.	FAG32	FAG32	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	0.03	3	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
Units.	g/mt	g/mt	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm
31-97	<0.03	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
127-97	<0.03	4	1.4	0.04	0.43	0.54	0.01	0.02	1.85	2.2	0.04	30	98	999	7.02	237	347
128-97	1.47	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
228-97	1.89	7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
130-97	0.07	6	<0.5	0.04	0.26	0.60	0.02	0.03	0.35	5.0	0.08	68	117	235	11.4	171	255
230-97	0.27	4	<0.5	0.06	0.27	0.49	0.02	0.02	0.28	8.2	0.09	93	120	159	9.18	165	223
330-97	0.58	<3	<0.5	0.07	0.22	0.47	0.02	0.03	0.38	6.6	0.11	70	115	189	5.87	100	133
430-97	0.14	<3	<0.5	0.05	0.23	0.53	0.02	0.03	0.48	4.6	0.10	54	100	226	3.97	49	75
530-97	0.03	3	<0.5	0.06	0.23	0.40	0.02	0.02	0.30	4.5	0.09	61	106	145	7.24	99	163
630-97	0.14	<3	<0.5	0.04	0.07	0.20	0.02	0.02	0.26	1.9	0.06	28	113	91	4.89	104	115
930-97	0.48	4	<0.5	0.03	0.15	0.16	<0.01	<0.01	0.23	<0.5	0.03	32	35	223	14.4	280	373
*Dup 31-97	<0.03	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 018361 **Date:** 04/12/97 **FINAL**

Element.	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
31-97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
127-97	1490	8790	30	7.0	2.7	<0.5	<1	4.5	25	<10	<5	14	13.9	<10	1190	*INF
128-97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
228-97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
130-97	2660	345	141	9.7	3.4	1.0	<1	6.5	<1	<10	<5	7	2.7	<10	441	*INF
230-97	1520	24.3	<3	4.1	3.5	0.7	<1	4.0	<1	<10	<5	2	1.7	<10	42	*INF
330-97	682	10.9	<3	5.6	3.2	<0.5	<1	1.0	<1	<10	<5	3	1.4	<10	36	<5
430-97	3320	88.8	<3	12.3	3.2	<0.5	<1	2.4	<1	<10	<5	6	1.2	<10	15	*INF
530-97	501	29.3	19	6.5	3.1	0.5	<1	3.2	<1	<10	<5	4	1.5	<10	269	<5
630-97	1310	63.3	<3	6.5	1.9	<0.5	<1	1.8	<1	<10	<5	4	0.6	<10	97	*INF
930-97	4070	185	<3	1.2	2.4	0.7	<1	4.3	<1	<10	<5	<1	1.9	<10	322	*INF
*Dup 31-97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

XRAL Laboratories
A Division of SGS Canada Inc.

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

CERTIFICATE OF ANALYSIS

Work Order: 017361

To: W. Wassenaar MD
Attn:
7 Roxville Avenue
Toronto
Ontario
M4G 3P7

Date : 06/10/97

Copy 1 to :

Copy 2 to :

P.O. No. :
Project No. :
No. of Samples : 4 Rock
Date Submitted : 16/09/97
Report Comprises : Cover Sheet plus
Pages 1 to 2

Distribution of unused material:
Pulps: Pulps - no instructions
Rejects: Rejects - no instructions

Certified By :

Dr. Hugh de Souza, General Manager
XRAL Laboratories

Report Footer:
L.N.R. = Listed not received
I.S. = Insufficient Sample
n.a. = Not applicable
-- = No result
I.N.F. = 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: 017361 **Date:** 06/10/97 **FINAL**

Element.	Au	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu
Method.	FAG30	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	0.03	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.	g/mt	ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
27-97	0.07	<0.5	0.08	0.82	1.15	0.02	<0.01	0.40	3.6	0.11	65	141	722	5.08	161	175	306
28-97	2.91	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
29-97	0.10	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
30-97	0.03	<0.5	0.04	0.85	1.17	0.02	<0.01	0.25	6.2	0.10	73	121	492	12.6	150	272	637
*Dup 27-97	0.03	<0.5	0.08	0.80	1.16	0.02	<0.01	0.40	3.5	0.12	65	142	711	5.13	157	175	300

XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 017361 **Date:** 06/10/97 **FINAL**

Element.	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba	La	W	Pb	Bi	Ag
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	AA12
Det.Lim.	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	0.3
Units.	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
27-97	1850	85	15.4	3.2	4.4	1	1.2	4	<10	<5	4	3.8	<10	567	<5	3.2
28-97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	7.1
29-97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2.4
30-97	223	48	6.0	3.4	8.7	<1	2.1	<1	<10	<5	6	0.5	<10	230	11	5.3
*Dup 27-97	1810	81	15.8	3.2	4.4	1	1.2	3	<10	<5	4	3.8	<10	575	<5	3.0

XRAL Laboratories
A Division of SGS Canada Inc.

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

CERTIFICATE OF ANALYSIS

Work Order: 016995

To: W. Wassenaar MD
Attn:
7 Roxville Avenue
Toronto
Ontario
M4G 3P7

Date : 18/09/97

Copy 1 to :

Copy 2 to :

P.O. No. :
Project No. :
No. of Samples : 2 Rock
Date Submitted : 28/08/97
Report Comprises : Cover Sheet plus
Pages 1 to 1

Distribution of unused material:
Pulps: Pulps - no instructions
Rejects: Rejects - no instructions

Certified By :

Dr. Hugh de Souza, General Manager
XRAL Laboratories

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result
I.N.F.	= 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: 016995 **Date:** 18/09/97 **FINAL**

Element.	Au	Co	Cu	Ni	Zn	Ag
Method.	FAG30	A50_1	A50_1	A50_1	A50_1	AA12
Det.Lim.	0.03	0.01	0.01	0.01	0.01	0.3
Units.	g/mt	%	%	%	%	ppm
25-97	<0.03	0.03	0.20	0.03	<0.01	5.2
26-97	<0.03	0.01	0.19	0.02	0.02	3.0

XRAL Laboratories
A Division of SGS Canada Inc.

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

CERTIFICATE OF ANALYSIS

Work Order: 016662

To: **W. Wassenaar MD**
Attn:
7 Roxville Avenue
Toronto
Ontario
M4G 3P7

Date : 21/08/97

Copy 1 to :

Copy 2 to :

P.O. No. :
Project No. :
No. of Samples : 5 Rock
Date Submitted : 12/08/97
Report Comprises : Cover Sheet plus
Pages 1 to 3

Distribution of unused material:
Pulps: Pulps - no instructions
Rejects: Rejects - no instructions

Certified By :

Dr. Hugh de Souza, General Manager
XRAL Laboratories

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

I.N.F. = 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: 016662 **Date:** 21/08/97 **FINAL**

Element.	Au	Au	Ag	Co	Cu	Ni	Zn	Be	Na	Mg	Al	P	K	Ca	Sc	Ti	V
Method.	FAG30	FAG32	FAG32	A50_1	A50_1	A50_1	A50_1	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	0.03	0.03	3.0	0.01	0.01	0.01	0.01	0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2
Units.	g/mt	g/mt	g/mt	%	%	%	%	ppm	%	%	%	%	%	%	ppm	%	ppm
20-97	<0.03	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
21-97	n.a.	0.14	<3.0	--	--	--	--	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
22-97	<0.03	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
23-97	<0.03	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
24-97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.9	0.11	2.17	0.79	0.31	0.25	0.90	2.3	0.06	106

Work Order: 016662 **Date:** 21/08/97 **FINAL**

Element.	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	Ba
Method.	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
Det.Lim.	1	2	0.01	1	1	0.5	0.5	3	0.5	0.5	0.5	1	0.2	1	10	5	1
Units.	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
20-97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
21-97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
22-97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
23-97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
24-97	104	620	6.27	47	77	78.3	65.4	<3	29.5	18.5	9.2	<1	<0.2	<1	<10	<5	47

Work Order: 016662 **Date:** 21/08/97 **FINAL**

Element.	La	W	Pb	Bi
Method.	ICP70	ICP70	ICP70	ICP70
Det.Lim.	0.5	10	2	5
Units.	ppm	ppm	ppm	ppm
20-97	n.a.	n.a.	n.a.	n.a.
21-97	n.a.	n.a.	n.a.	n.a.
22-97	n.a.	n.a.	n.a.	n.a.
23-97	n.a.	n.a.	n.a.	n.a.
24-97	19.1	<10	12	<5

XRAL Laboratories
A Division of SGS Canada Inc.

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

CERTIFICATE OF ANALYSIS

Work Order: 016357

To: **W. Wassenaar MD**
Attn:
7 Roxville Avenue

Toronto
ONTARIO M4G 3P7

Date : 12/08/97

Copy 1 to :

Copy 2 to :

P.O. No. :
Project No. :
No. of Samples : 10 Rock
Date Submitted : 28/07/97
Report Comprises : Cover Sheet plus
Pages 1 to 1

Distribution of unused material:
Pulps: Pulps - no instructions
Rejects: Rejects - no instructions

Certified By :

Dr. Hugh de Souza, General Manager
XRAL Laboratories

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result
I.N.F.	= 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: 016357 **Date:** 12/08/97 **FINAL**

Element.	Au	Au	Ag	Au	Co	Cu	Ni	Zn
Method.	FAG30	FAG32	FAG32	FAG50	A50_1	A50_1	A50_1	A50_1
Det.Lim.	0.03	0.03	3.0	0.03	0.01	0.01	0.01	0.01
Units.	g/mt	g/mt	g/mt	g/mt	%	%	%	%
8-97	<0.03	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9-97	n.a.	<0.03	<3.0	n.a.	0.09	0.11	0.07	<0.01
10-97	<0.03	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11-97	50.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
12-97	59.2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13-97	n.a.	n.a.	n.a.	0.10	n.a.	n.a.	n.a.	n.a.
14-97	n.a.	n.a.	n.a.	0.07	n.a.	n.a.	n.a.	n.a.
15-97	n.a.	n.a.	n.a.	<0.03	n.a.	n.a.	n.a.	n.a.
16-97	n.a.	0.27	<3.0	n.a.	0.02	0.45	0.02	<0.01
17-97	0.03	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Ontario

FINAL CERTIFICATE OF ANALYSIS

Geoscience Laboratories
933 Ramsey Lake Road
Sudbury, ON, P3E 6B5
Tel : 705-670-5632
Fax : 705-670-3047

Issued To :	
	Mr W. Wassenaar
	-
	7 Roxville Ave.
	Toronto, ON
	M4G 3P7 Canada
Phone :	416-424-2370
FAX :	416-424-3492

Certificate Date :	29/07/97
Submission Date :	18/06/97
GL Job No :	97-0101
Certificate No :	002983

Test groups reported in this certificate : **GFA**

Status of your Job :

Method Code	# Samples	Elements	Status
GFA	2	Ag, Au	COMPLETE
SPA	2	Assay Prep	COMPLETE

Please refer to Analytical Certificate Number 97-0101 if you have any questions.

Graeme Spiers, Ph.D., C. Chem.
Operations Supervisor

John Morrison, CET
Quality Assurance Scientist

GEOSCIENCE LABORATORIES
CERTIFICATE OF ANALYSIS

CLIENT : Wassenaar
GL REF NUMBER : 97-0101
REPORT DATE : 07/29/1997
METHOD CODE : GFA

LAB ID	CLIENT ID	Au oz/t	Ag oz/t	Comments
Det. Limit		0.01	0.01	
97-0101-001	4-97	N.D.	N.D.	
97-0101-002	6-97	N.D.	N.D.	

Number of Samples : 2

Comments pertaining to your samples : No Comments

Please Note : Results are for samples as received.
: - = Not Measured
: N.D. = Not Detected
: Trace = Detected but not measurable
: >n = Greater than upper limit of quantification
: A sample weight of 1 assay ton (29.166 g) is used on all samples.
: Nugget effect can account for variations in Au and Ag content.

***** END OF REPORT *****

* QC/QA data availible on request.

Ontario

FINAL CERTIFICATE OF ANALYSIS

Geoscience Laboratories
933 Ramsey Lake Road
Sudbury, ON, P3E 6B5
Tel : 705-670-5632
Fax : 705-670-3047

Issued To :	Mr W. Wassenaar - 7 Roxville Ave. Toronto, ON M4G 3P7 Canada
Phone :	416-424-2370
FAX :	416-424-3492

Certificate Date :	04/07/97
Submission Date :	03/06/97
GL Job No :	97-0069
Certificate No :	002805

Test groups reported in this certificate : **GFA**

Status of your Job :

Method Code	# Samples	Elements	Status
GFA	1	Au	COMPLETE
SPA	1	Assay Prep	COMPLETE
XEL-101	1	Ag, As, Ba, Bi, Cr, Cu, Mo, Ni, Pb, Sb, Se, Sn, W, Zn	IN PROG

Please refer to Analytical Certificate Number 97-0069 if you have any questions.

Graeme Spiers, Ph.D., C.Chem.
Operations Supervisor

John Morrison, CET
Quality Assurance Scientist

GEOSCIENCE LABORATORIES
CERTIFICATE OF ANALYSIS

CLIENT : Wassenaar
GL REF NUMBER : 97-0069
REPORT DATE : 07/04/1997
METHOD CODE : GFA

LAB ID	CLIENT ID	Au oz/t	Ag oz/t	Comments
Det. Limit		0.01	0.01	
97-0069-001	2-97	0.01	-	

Number of Samples : 1

Comments pertaining to your samples : No Comments

Please Note : Results are for samples as received.
: - = Not Measured
: N.D. = Not Detected
: Trace = Detected but not measurable
: >n = Greater than upper limit of quantification
: A sample weight of 1 assay ton (29.166 g) is used on all samples.
: Nugget effect can account for variations in Au and Ag content.

***** END OF REPORT *****

* QC/QA data availible on request.

Ontario

FINAL CERTIFICATE OF ANALYSIS

Geoscience Laboratories
933 Ramsey Lake Road
Sudbury, ON, P3E 6B5
Tel : 705-670-5632
Fax : 705-670-3047

Issued To :	
	Mr W. Wassenaar
	Public
	7 Roxville Ave.
	Toronto, ON
	M4G 3P7 Canada
Phone :	n/a
FAX :	n/a

Certificate Date :	02/12/96
Submission Date :	21/11/96
GL Job No :	C96-0156
Certificate No :	001702

Test groups reported in this certificate : **GFA**

Status of your Job :

Test Group(s)	# Samples	Elements	Status
GFA : Fire Assay	2	Ag, Au	COMPLETE
PRO : ED-XRF	2	Ag, As, Ba, Bi, Cr, Cu, Mo, Ni, Pb, Sb, Se, Sn, W, Zn	IN PROG

Please refer to Analytical Certificate Number C96-0156 if you have any questions.

Graeme Spiers, Ph.D., C. Chem
Operations Supervisor

John Morrison, CET
Quality Assurance Scientist

Ontario GEOservices Centre
Geoscience Laboratories
Certificate of Analysis
Gravimetric Fire Assay Final Report

Client : Wassenaar
Project Number :
Report Date : Nov 29 1996
GL Ref Number : C96-0156

Lab ID	Sample ID	Rock Type	Au	Ag	Comments
C96-0156-001	2-96	n/a	N.D.	N.D.	
C96-0156-002	3-96	n/a	0.96	N.D.	

Comments pertaining to your samples :

QC Notes : All values in oz/ton.
: Results are for samples as received.
: - = Not Measured
: N.D. = Not Detected
: Trace = Detected but not measurable
: >n = Greater than upper limit of quantification
: A sample weight of 1 assay ton (29.166 g) is used on all samples.
: Nugget effect can account for variations in Au and Ag content.

***** END OF REPORT *****

Analyst Approval : PFL
GFA QC Approval : JLM
Procedure # : MS-14

Ontario GEOservices Centre
Geoscience Laboratories
Certificate of Quality Control
Fire Assay by GFA QC Report

Report Date: 11/29/96

QC Batch No.	Element	QC Type	Values	Units
GFA-0078				
Lab Id: MRB-26-0078	Ag	MRB-26	12.7	oz/t
	Au	MRB-26	0.39	oz/t
Lab Id: MRB-26-0079	Ag	MRB-26	12.7	oz/t
	Au	MRB-26	0.39	oz/t

***** END OF REPORT *****

Ontario

FINAL CERTIFICATE OF ANALYSIS

Geoscience Laboratories
933 Ramsey Lake Road
Sudbury, ON, P3E 6B5
Tel : 705-670-5632
Fax : 705-670-3047

Issued To :	
	Mr W. Wassenaar
	Public
	7 Roxville Ave.
	Toronto, ON
	M4G 3P7 Canada
Phone :	n/a
FAX :	n/a

Certificate Date :	04/12/96
Submission Date :	21/11/96
GL Job No :	C96-0156
Certificate No :	001726

Test groups reported in this certificate : **PRO**

Status of your Job :

Test Group(s)	# Samples	Elements	Status
GFA : Fire Assay	2	Ag, Au	COMPLETE
PRO : ED-XRF	2	Ag, As, Ba, Bi, Cr, Cu, Mo, Ni, Pb, Sb, Se, Sn, W, Zn	COMPLETE

Please refer to Analytical Certificate Number C96-0156 if you have any questions.

THE CHEMICAL PROFESSION IN ONTARIO CHARTERED CHEMIST

Graeme Spiers, Ph.D., C.Chem.
Operations Supervisor

John Morrison, CET
Quality Assurance Scientist

Ontario GEOservices Centre
Geoscience Laboratories
Certificate of Analysis
Prospectors Package by XRF Final Report

Client : Wassenaar
Project Number :
Report Date : Dec 04 1996
GL Ref Number : C96-0156

Lab ID	Sample ID	Cr	Ni	Cu	Zn	As	Se	Mo	Ag	Sn	Sb	Ba	W	Pb	Bi	Comments
C96-0156-001	2-96	205	79	216	279	<100	<60	<20	<20	<40	<20	<40	<70	<40	<50	
C96-0156-002	3-96	295	594	>5000	66	<100	<60	<20	<20	<40	<20	<40	<70	<40	<50	1.

Comments pertaining to your samples :

1 - Possible % level Cu. Approx. 1.7 Cu. Req's verification & quant.

***** END OF REPORT *****

Special Notes : All values in ppm
: Results are for samples as received.
: - = Not Measured
: <n = Less than Limit of Detection
: >n = Greater than upper Limit of Quantification

Analyst PRO : PGY
PRO QC Checked by : JLM

Ontario GEOservices Centre
Geoscience Laboratories
Certificate of Quality Control
Prospector Elements by XRF QC Report

Lab ID	QC Type	Cr	Ni	Cu	Zn	As	Se	Mo	Ag	Sn	Sb	Ba	W	Pb	Bi
GBW-7711-0123	INTL_STD	<40	<40	>5000	>5000	<100	<60	480	59	539	493	<40	409	4535	<50
GBW-7711-0124	INTL_STD	<40	<40	>5000	>5000	<100	<60	485	50	532	483	<40	391	4607	<50
GBW-7719-0121	INTL_STD	<40	485	427	521	441	<60	50	<20	53	24	4652	96	470	<50
GBW-7719-0122	INTL_STD	<40	461	394	524	447	<60	51	<20	56	27	4599	126	479	<50

***** END OF REPORT *****

Ontario

FINAL CERTIFICATE OF ANALYSIS

Geoscience Laboratories
933 Ramsey Lake Road
Sudbury, ON, P3E 6B5
Tel : 705-670-5632
Fax : 705-670-3047

Issued To :	
	Mr W. Wassenaar
	Public
	7 Roxville Ave.
	Toronto, ON
	M4G 3P7 Canada
Phone :	n/a
FAX :	n/a

Certificate Date :	23/04/97
Submission Date :	21/11/96
GL Job No :	C96-0156
Certificate No :	002467

Test groups reported in this certificate : **T2.2**

Status of your Job :

Test Group(s)	# Samples	Elements	Status
GFA : Fire Assay	2	Ag, Au	COMPLETE
PRO : ED-XRF	2	Ag, As, Ba, Bi, Cr, Cu, Mo, Ni, Pb, Sb, Se, Sn, W, Zn	COMPLETE
T2.2 : FA/ICP-OES	1	Au, Pd, Pt	COMPLETE

Please refer to Analytical Certificate Number C96-0156 if you have any questions.

Graeme Spiers, Ph.D., C. Chem.
Operations Supervisor

John Morrison, CET
Quality Assurance Scientist

GEOSCIENCE LABORATORIES
CERTIFICATE OF ANALYSIS

CLIENT : Wassenaar
GL REF NUMBER : C96-0156
NUMBER OF SAMPLES : 1
REPORT DATE : 04/23/1997
METHOD CODE : T2.2

LAB ID	CLIENT ID	Au	Pd	Pt
		ppb	ppb	ppb
Det. Limit		3	5	10
C96-0156-002	3-96	33000	N.D.	N.D.

Please Note : Results are for samples "As Received".
: N.D. = Not detected by this method.
: >n = Greater than upper Limit of Quantification.
: - = Not Measured.

***** END OF REPORT *****

* QC/QA Data is available on request.

Sample of Pyrite on Road Sw.

Ontario

Geoscience Laboratories
Ontario GEOservices Centre
Willet Green Miller Centre
933 Ramsey Lake Road
Sudbury, Ontario
P3E 6B5
Phone: (705) 670-5632
Fax: (705) 670-3047

Geoscience Laboratories Analytical Certificate

Issued To :	
	Mr W. Wassenaar
	7 Roxville Ave.
	Toronto, ON
	M4G 3P7 Canada
Phone :	
FAX :	

Certificate Date :	28/08/96
Certificate Number :	001258
GL Job No :	C96-0076
Submission Date :	20/08/96

Test groups reported in this certificate : GFA

Status of your Job :

Test Group(s)	# Samples	Elements	Status
GFA : Fire Assay	1	Ag, Au	COMPLETE

Please refer to Analytical Certificate Number C96-0076 if you have any questions.

Graeme Spiers, Ph.D., C. Chem.
Operations Supervisor

M. Moore

Michelle Moore, B.Sc.,
Quality Assurance Scientist

Ontario GEOservices Centre
Geoscience Laboratories
Certificate of Analysis
Gravimetric Fire Assay Final Report

Client : Wassenaar
Project Number :
Report Date : Aug 27 1996
GL Ref Number : C96-0076

Lab ID	Sample ID	Rock Type	Au	Ag	Comments
C96-0076-001	1-96	-	N.D.	N.D.	

Comments pertaining to your samples :

QC Notes : All values in oz/ton.
: Results are for samples as received.
: - = Not Measured
: N.D. = Not Detected
: Trace = Detected but not measurable
: >n = Greater than upper limit of quantification
: A sample weight of 1 assay ton (29.166 g) is used on all samples.
: Nugget effect can account for variations in Au and Ag content.

***** END OF REPORT *****

Analyst Approval : PFL
GFA QC Approval : MLM
Procedure # : MS-14

Ontario GEOservices Centre
Geoscience Laboratories
Certificate of Quality Control
Fire Assay by GFA QC Report

Report Date: 08/27/96

QC Batch No.	Element	QC Type	Values	Units
GFA-0066				
Lab Id: C96-0076-001	Ag	Duplicate Original Value	N.D.	oz/t
	Ag	Duplicate Measured Value	N.D.	oz/t
	Ag	Duplicate RPD	.0	%
	Au	Duplicate Original Value	N.D.	oz/t
	Au	Duplicate Measured Value	N.D.	oz/t
	Au	Duplicate RPD	.0	%
Lab Id: MRB-26-0058	Ag	MRB-26	12.1	oz/t
	Au	MRB-26	0.39	oz/t

***** END OF REPORT *****

APPENDIX III

DAILY WORK SCHEDULE

Field Work By Date By Person			BM= Beep Mat		
			Diving= Scuba Diving		
Date	W. Wassenaar	S. Wassenaar	John Wassenaa	Sy Wassenaar	M. Duff
May 1 97	BM	BM			
May 2 97	BM	BM			
May 3 98	BM	BM			
May 4 97	Trenching	BM			
May 5 97	BM	BM			
May 23 97	BM		Trenching		
May 24 97	BM		Trenching		
May 25 97	Trenching		Trenching		
May 26 97	BM		Trenching		
June 4 97	Trenching				
June 5 97	Trenching				
June 6 97	BM				
July 11 97	Trenching		Trenching		Trenching
July 12 97	Trenching		Trenching		Trenching
July 13 97	Diving		Trenching		Trenching
July 20 97	Diving				
July 21 97	Diving				
July 22 97	Out crop				
July 23 97	Diving				
July 24 97	Trenching				
Aug 8 97	Trenching				
Aug 9 97	Trenching				
Aug 10 97	Outcrop				
Aug 24 97	Outcrop				
Aug 25 97	Outcrop				
Aug 26 97	Outcrop				
Sept 11 97	BM			BM	
Sept 12 97	BM			BM	
Sept 13 97	BM			BM	
Sept 14 97	BM			BM	
Oct 29 97	Tren/blasting	Tren/blasting		Tren/blasting	
Oct 30 97	Tren/blasting	Tren/blasting		Tren/blasting	
Oct 31 97	Tren/blasting	Tren/blasting		Tren/blasting	
Nov 1 97	Tren/blasting	Tren/blasting	Tren/blasting	Tren/blasting	
Nov 2 97	Tren/blasting	Tren/blasting	Tren/blasting	Tren/blasting	
1998					
March 31 199	Meeting to plan geophysics,		prospecting		
	X	X		X	
April 25 199	Field trip with David Laronde,		prospecting		
	X	X			
May 30 1998	Trenching		Trenching		
May 31 1998	Trenching		Trenching		
June 1 1998	Sampling		Sampling		
July 18 1998	Sampling				
July 19 1998	Sampling				
Count	42	11	12	11	3
Total days	79				

ase Complete Sketch in Ink

APPENDIX IV

Part D

Magnetic Declination Usec

Scale: Scale 1:20 000

1000
Metres

oup Sketch of claims listed on Part A.
etch or plan of the mining claim(s) must show the corner posts, witness posts, and
posts and the distances between the posts in metres.

lude topographic features such as lakes, rivers, creeks, ponds, etc. and
elopments such as hydro lines, highways, railways, pipelines, buildings, etc.

er to sample sketch on Part C.

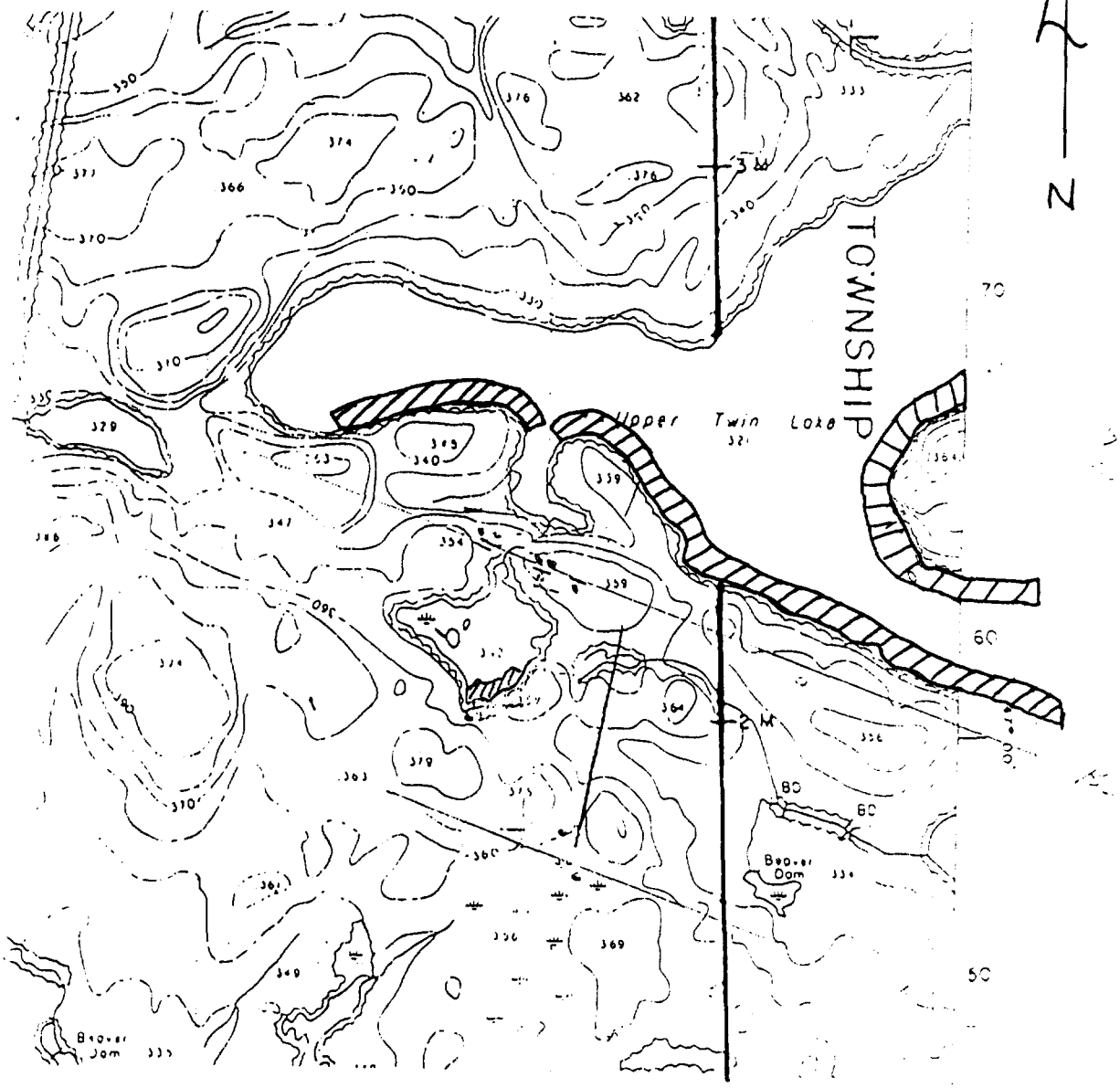
G-3450

TOWNSHIP

STRATHCONA

LEGEND

Gold —
Copper —
Quartz —
Pyrrhotite —
Carbonate —
Magnetite —



SCUBA DIVING COVERAGE

Magnetometer and VLF-EM

GROUND GEOPHYSICAL SURVEYS
WASSENAAR PROPERTY
Strathcona Township

June 1998

NTS: 31 L/13
31 M/4

Meegwich Consultants Inc. P.O. Box 482, Temagami, Ontario P0H 2H0 Tel. (705) 569- 2904 Fax. (705) 569-2817

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1.0 Introduction

2.0 Property

3.0 Location and Access

4.0 Magnetometer Survey

- 4.1 Instrumentation
- 4.2 Survey Results

5.0 VLF Survey

- 5.1 Instrumentation
- 5.2 Survey Results

6.0 Conclusions and Recommendations

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Figure 2 Claim Map

Figure 3 Grid Location

LIST OF MAPS

Magnetometer profiles (posting) map

Magnetometer colour contour map

VLF Profiles map - NAA Cutler, Maine

VLF Fraser Filter colour contour map

1.0 INTRODUCTION:

From May 15-31, 1998, a program of linecutting and geophysical surveys was carried out on the Wassenaar Property held by W. Wassenaar of 7 Roxville Avenue, Toronto, Ontario M4G 3P7. The geophysical work was executed and reported on by David Laronde of Meegwich Consultants Inc. P.O. Box 482, Temagami, Ontario POH 2HO.

Linecutting: A total of 5.075 km of linecutting was done. 4.675 km was cut from a 400 m. long baseline running at an azimuth of 110 degrees. The lines were surveyed with total field magnetics and VLF electromagnetics.

2.0 PROPERTY:

The property consists of a group of 11 mining claims situated on the common boundary of Strathcona and Riddel Townships. (Note: some of the claims are less than 16 hectares in size). The 456 hectare property is described as follows:

1191007	3 units	1191008	1 unit
1191005	1 unit	1191004	1 unit
1191006	4 units	1191002	1 unit
1076960	1 unit	1076974	1 unit
1076969	1 unit	1191009	12 units
1140887	4 units		

3.0 LOCATION AND ACCESS:

The property is located 7 km southeast of the town of Temagami, Ontario which is 100 km north of the city of North Bay along Hwy 11. The claim group is accessed from a logging road which heads 5 km east from Hwy 11 at a point some 12 km south of Temagami. The claim block partially covers Upper Twin Lake while most of the property lies to the south of the lake along the common boundary between Strathcona and Riddel Townships.

4.0 MAGNETOMETER SURVEY:

A total of 5.075 km was surveyed (1600 readings) at 3.125 meter stations on lines spaced at 25 and 50 meters.

4.1 Instrumentation: A GEM System Overhauser GSM 19 Magnetometer unit, Serial no. 58479 was used for the survey. A base station was set up on the property to monitor and correct for the diurnal variation during the course of the survey. These instruments are micro-processor based and measure the earth's total magnetic field to an accuracy of one-tenth of a gamma.

4.2 Survey Results: The results are presented in contour and profile form on plans at 1:1000 scale.

There much variation in the magnetic survey. This probably reflects the varying amount of magnetic mineral (pyrrhotite and magnetite). A strongly magnetic mineral may have a di-polar signature which will yield a high and a low

adjacent to one another. This gives the illusion that there are two responses however they are part of the same response similar to a bar magnet that has a positive and a negative signature. Examples of these di-polar responses are located on L 50 E at 120 N, L 100 E at 125 N and L 150 E at 45 N. These di-polar responses may be part of narrow dikes trending east-west in the northeast corner of the grid.

An intense massive high crosses the south end of the survey area. It is nearly continuous but pinches on L 125 E at 95 S. The western portion of this feature is more massive attaining a width of 95 metres on L 100 W before narrowing and continuing off the grid westward. The geology co-incident with this feature is mapped as amphibolitic mafic metavolcanic. The values or readings associated with this feature range up to 1000 gammas above background.

Three other large highs not as massive are centred on L 100 W at 0, 125 W at 150 N and 175 E at 100 N. On average these highs are not as intense and most values are 100-200 gammas above the background value of 57,350.

There appears to be magnetic association with the three showings as follows:

0+00 SHOWING: Circular high of 200-300 gammas

0+25W SHOWING: Elongated low of 200 gammas.

0+50 E SHOWING: Subtle high of 75 gammas between two large highs

5.0 VLF Electromagnetic Survey:

A total of 5.075 km was surveyed for a total of 370 readings taken at 12.5 meter stations on lines spaced at 25 and 50 meters.

5.1 Instrumentation: A Geonics EM-16 VLF-EM receiver was used to record inphase and quadrature components of VLF transmitting station Cutler, Maine NAA transmitting at 24.0 kHz. The measured quantities are the in-phase and quadrature components of the vertical magnetic field measured as a percentage of horizontal primary field (read to a resolution of +/- 1%).

5.2 Survey Results: The results of the survey are presented in profile form on plans at 1:1000 scale.

The survey picked up 6 conductors that trend more or less east-west and are described as follows:

Conductor A: Consists of 2 conductor axis in close proximity that may represent a continuous zone between the two or two separate entities. In any event this anomaly is weak to moderate, 100 meters long and co-incident with the 0+00 showing.

Conductor B: This anomaly also represents two axis in close proximity on the west half. On the east half it appears there is one axis. Conductor B is moderate in strength, 200 meters long and is found under swamp cover 37 meters north of mineral showing on L 50 E.

Conductor C: This is a strong conductor found on what is believed to be light overburden cover. It continues off the grid to the west and has a narrow width.

Conductor D: Moderately strong, this anomaly is on trend with the L 50 E showing. The conductor continues off the grid to the southeast and is under swampy cover.

Conductor E: This is a weak response trending northwest which is the regional trend for faulting. The conductor has the appearance of being

electrolytic or caused by water in a shear or fault rather than a metallic or mineral source.

Conductor F: Conductor F is very weak and is suspicious to be a non-metallic source however if the adjacent Conductor B is followed up, then C may as well be covered as well.

6.0 CONCLUSIONS AND RECOMMENDATIONS:

There is an abundance of magnetic mineral in this rock assemblage that is the end result of metamorphism and alteration events causing concentrations in places. Isolated highs and lows can be found all over the grid. The showings appear to all have magnetic association. However the showings all do not have an EM response. Only the 0+00 showing has an EM conductor zone. This may be because the mineralization is disseminated and the mineral grains are not connected well enough to cause a conductor at the 0+25 W and 0+50 E showings or the showing is restricted to an area too small to detect.

Since the EM conductors are under swamp and there is a showing on L 0+50 E in the swamp the anomalies should be followed up with a more advanced geophysical method such as I.P. or HLEM to determine the nature of the conductors B and D. Conductor C may be followed up by stripping the light overburden cover at 220 S on L 150 W and at 198 S on L 100 W. Conductors A and E can be followed up by stripping the thin overburden as well.

References

Bennett, G. 1978 Ontario Geological Survey Report No. 163
Geology of Northeast Temagami Area

Hart, Tom 1998 Geologic Report Wassenaar Property NTS 31 L/13
Strathcona Tp.

CERTIFICATE OF AUTHOR

I, David Laronde of the town of Temagami, Ontario hereby certify:

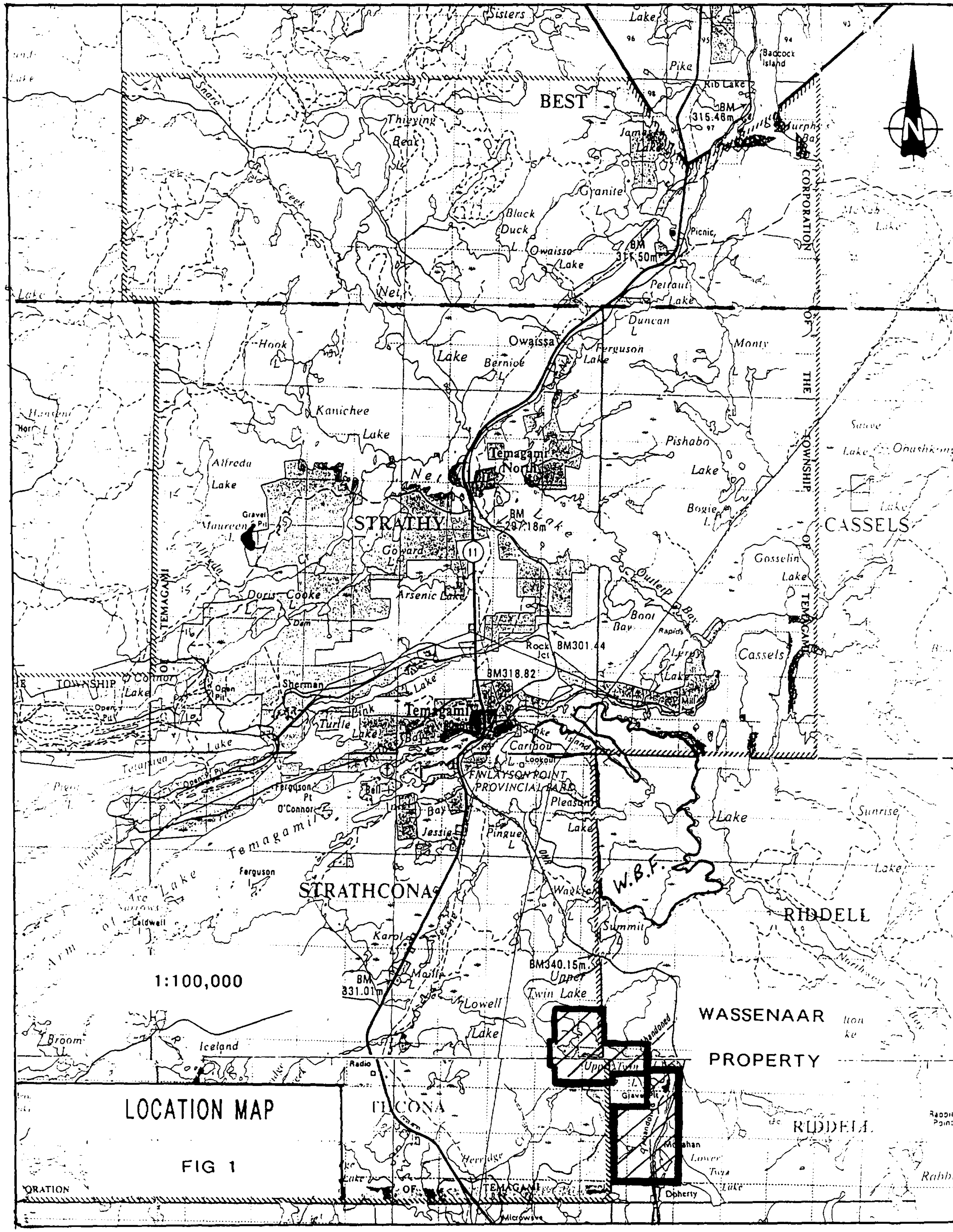
1. That I am a geology engineering technologist and have been engaged in my profession for the past 18 years.

2. That I am a graduate of Cambrian College in Sudbury with a diploma in Geology Engineering Technology 1979

3. That my knowledge of the property described herein was acquired by field work and documentation.

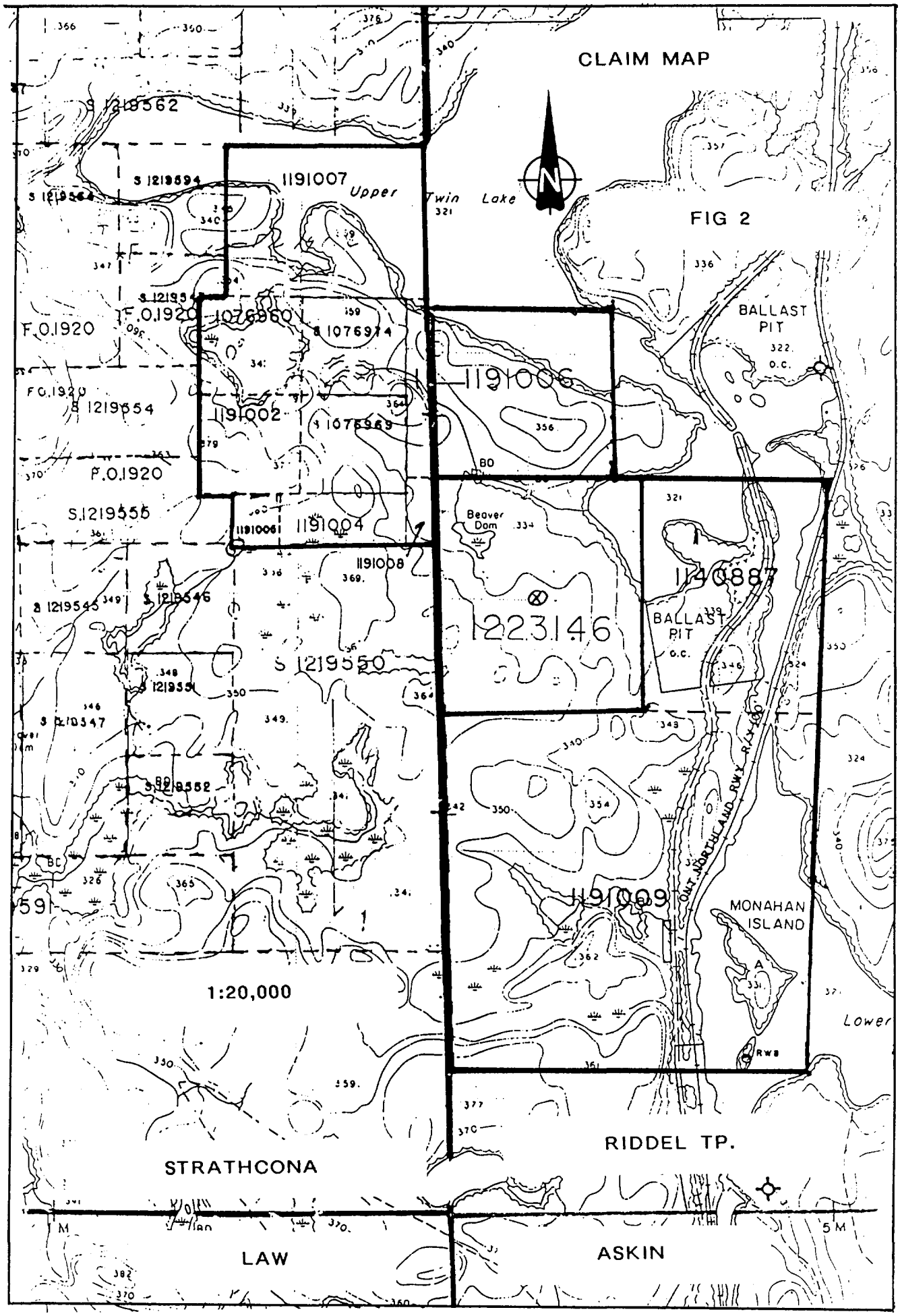
Dated at Temagami this 15th day of June 1998.

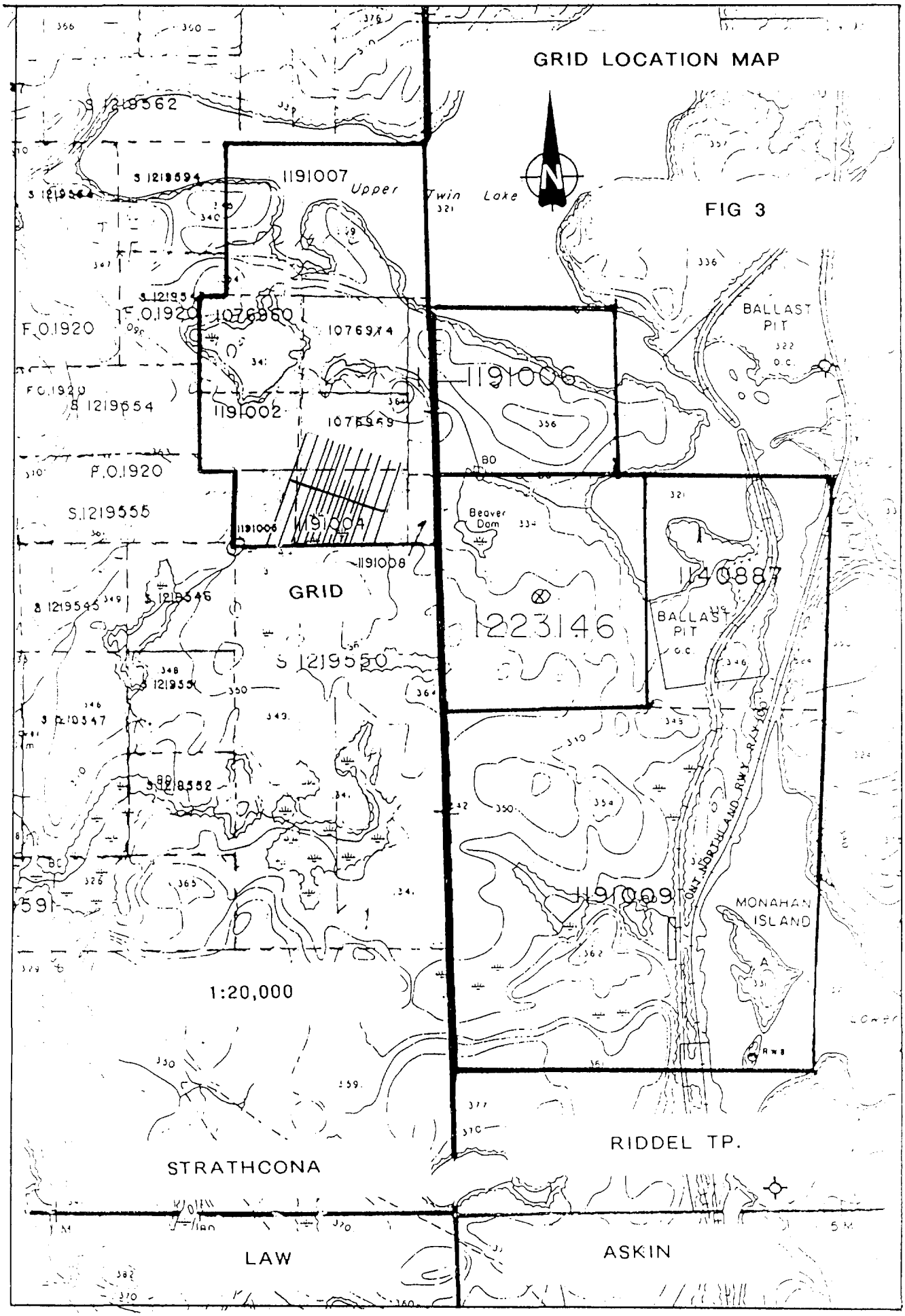
David Laronde



LOCATION MAP

FIG 1


CLAIM MAP
FIG 2
1:20,000
1191007
Upper Twin Lake
1191006
1191002
1191004
1191008
1223146
1140887
1191009
BALLAST PIT
BALLAST PIT
Beaver Dam
MONAHAN ISLAND
Lower
ONT. NORTHLAND PWY
RIDDEL TP.
STRATHCONA
LAW
ASKIN
S 1219562
S 1219554
S 1219555
S 1219550
S 1219551
S 1219552
S 1219547
S 1219546
S 1219545
S 1219564
S 1219594
S 1076960
S 1076974
S 1076969
F.0.1920
P.0.1920
FO.1920
BC
BO
RWB


GRID LOCATION MAP
FIG 3
N
Upper Twin Lake
1191007
1191006
1191002
1191008
M1900A
GRID
1223146
1140887
BALLAST PIT
BALLAST PIT
Beaver Dam
1191009
MONAHAN ISLAND
ONT. NORTHLAND RWY
RIDDEL TP.
STRATHCONA
LAW
ASKIN
1:20,000
S 1219562
S 1219554
S 1219555
S 1219546
S 1219550
S 1219552
S 1219547
F.0.1920
1076950
1076944
1076949
BO
BC

GEM SYSTEM GSM-19 WALKING MAG

INSTRUMENT SPECIFICATIONS

MAGNETOMETER / GRADIOMETER

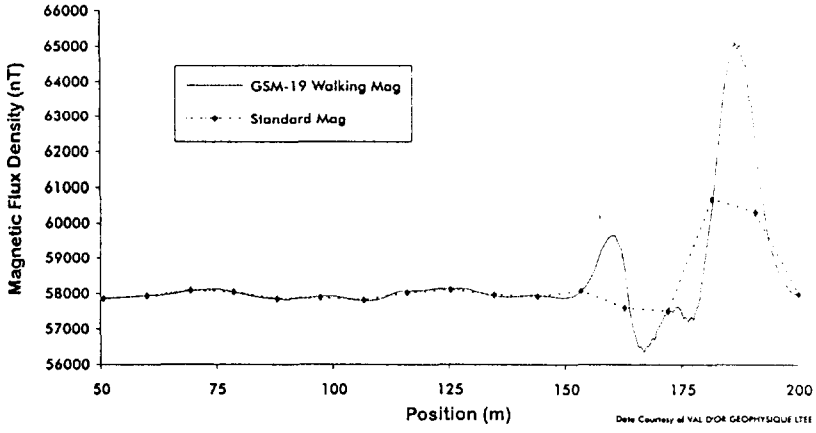
Resolution:	0.01 nT (gamma), magnetic field and gradient.
Accuracy:	0.2 nT over operating range.
Range:	20,000 to 120,000 nT.
Gradient Tolerance:	Over 10,000 nT/m
Operating interval:	3 seconds minimum, faster optional. Readings initiated from keyboard, external trigger, or carriage return via RS-232-C.
Input/Output:	6 pin weatherproof connector, RS-232C, and (optional) analog output.
Power Requirements:	12 V, 200 mA peak (during polarization), 30 mA standby. 300mA peak in gradiometer mode.
Power Source:	Internal 12 V, 2.6 Ah sealed lead-acid battery standard, others optional. An External 12V power source can also be used.
Battery Charger:	**Input:** 110 VAC, 60 Hz. Optional 110/220 VAC, 50/60 Hz. **Output:** dual level charging.
Operating Ranges:	Temperature: **-40 °C to +60 °C.** Battery Voltage: **10.0 V minimum to 15V maximum.** Humidity: **up to 90% relative, non condensing.**
Storage Temperature:	-50°C to +65°C
Display:	**LCD:** 240 x 64 pixels, or 8 x 30 characters. Built in heater for operation below -20°C
Dimensions:	**Console:** 223 x 69 x 240mm. **Sensor staff:** 4 x 450mm sections. **Sensor:** 170 x 71mm dia. **Weight:** Console 2.1kg, Staff 0.9kg, Sensors 1.1kg each.

"Walking" Magnetometer / Gradiometer

GEM Systems pioneered the GSM-19's innovative "Walking" option that enables acquisition of nearly continuous data on survey lines. Similar to an airborne survey in principle, data is recorded at discrete time intervals (up to 2 readings per second) as the instrument travels along the line. At each major survey picket (fiducial), the operator touches a designated key. The Walking Mag automatically assigns a linearly interpolated coordinate to all intervening readings.

A main benefit of the Walking option is that the high sample density improves definition of geologic structures. And because the operator can record data on a near-continuous basis, the Walking Mag increases survey efficiency and minimizes field expenditures -- especially for highly detailed ground-based surveys.

Near-Continuous Surveys Improve Definition of Magnetic Anomalies



As shown above, near-continuous measurements increase definition. Results from a GSM-19 "Walking Mag" (273 readings over 150 m with 2 sec. cycle time) were compared with results from a standard magnetometer (13 readings over 150m).

VLF-EM GEONICS

EM16 SPECIFICATIONS

MEASURED QUANTITY	Inphase and quad-phase components of vertical magnetic field as a percentage of horizontal primary field. (i.e. tangent of the tilt angle and ellipticity).
SENSITIVITY	Inphase: ±150% Quad-phase: ± 40%
RESOLUTION	±1%
OUTPUT	Nulling by audio tone. Inphase indication from mechanical inclinometer and quadphase from a graduated dial.
OPERATING FREQUENCY	15-25 kHz (15-30 kHz optional) VLF Radio Band. Station selection done by means of plug-in units.
OPERATOR CONTROLS	ON/OFF switch, battery test push button, station selector switch, audio volume control, quadrature dial, inclinometer.
POWER SUPPLY	6 disposable 'AA' cells.
DIMENSIONS	53 x 21.5 x 28 cm
WEIGHT	Instrument: 1.8 kg Shipping: 8.35 kg

CAUTION:

EM16 inclinometer may be damaged by exposure to temperatures below -30°c. Warranty does not cover inclinometers damaged by such exposure.

Geological Report

Wassenaar Property

NTS 31-L-13

Strathcona Township

T.R. Hart
Consulting Geologist
May 28, 1998

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Geological Map – 1:1,000 scale	back pocket

Introduction

A geological survey of the Wassenaar Property was conducted on May 21 and 22, 1998. The survey was done by Thomas Hart with the purpose of understanding the geological setting of the mineralization in the known showings.

Location

The property is located approximately 7 km SE of Temagami Ontario, District of Nipissing, in the southeastern portion of Strathcona Twp. and the southwestern portion of Riddle Twp. (Fig. 1). The claims constituting the property are located south of Upper Twin Lake and west of the Ontario Northlands Railway.

Access

Access to the property is gained by bushroad running east off of Highway 11, approximately 12 km south of Temagami (Fig. 1). The bush road starts at the point where the powerlines and the natural gas pipeline cross the highway. The property is located about 4 km north along the bush road. Access to the eastern portion of the property is possible from the Ontario Northlands Railway.

Property

The property consists of 12 claims, of 97 units, covering approximately 1552 hectares (Fig. 2). The 12 claims are 1076960, 1076969, 1076974, 1140887, 1191002, 1191004 - 009, ~~1223146~~. These claims are owned by Siek Wassenaar, S.L. Wassenaar, J.L. Wassenaar, and W. Wassenaar, 7 Roxbille Ave., Toronto, Ontario, N4G 3P7.

Previous Work

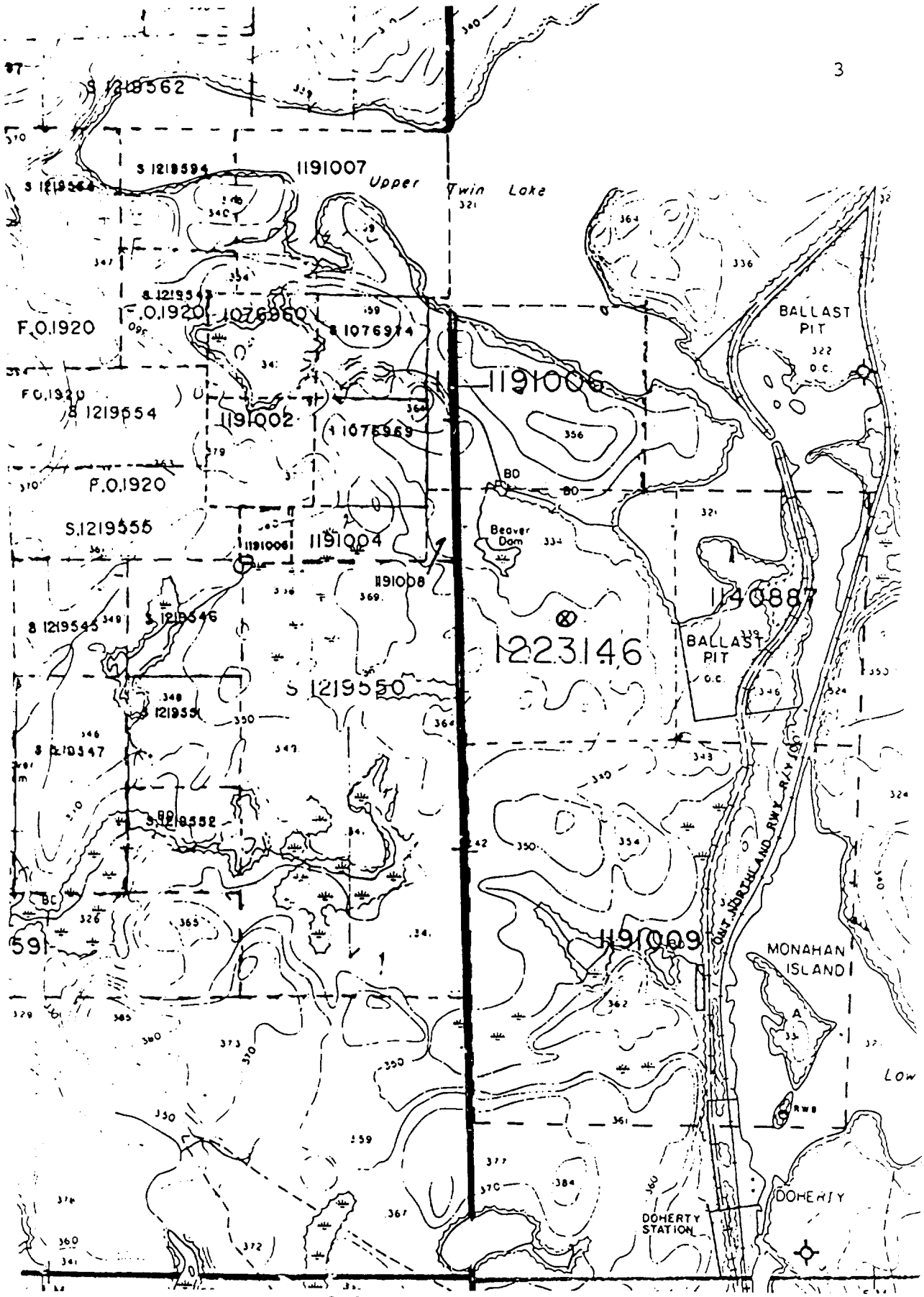
A quartz vein has been located by the property owners in the area between Upper Twin Lake and a pond to the south. Pitting and sampling of this vein was completed in the past, but there is no record of the work.

The area was mapped by the OGS in 1969-72 by G. Bennett with the details contained in report GR 163 with accompanying maps at 1:31,680 scale.

The current owners performed mechanical stripping of the showings on line 0+00 at the baseline and line 0+25W at 0+25S in the fall of 1997. Manual pitting of the showing at 0+50E at 1+35S was also completed. The three showings were subsequently blasted and sampled, with the samples analysed by ICP at XRAL Labs. The following are best results from the different showings. At 0+00 one sampled returned 3320 ppm Cu, 88.8 ppm Zn and 2.4 g/t Ag in a grab, and another returned 1.89 g/t Au over 0.1 m. On 0+25W a sample assayed 4070 ppm Cu, 185 ppm Zn, 4.3 g/t Ag, and 0.48 g/t Au in a grab. On 0+50E, 1490 ppm Cu, 8790 ppm Zn, 4.5 g/t Ag and 1190 ppm Pb are reported for a grab sample.

A grid with a baseline azimuth of 110 degrees, cross lines spaced at 50-100 metres and picketed at 25 m intervals was cut in the spring of 1998. An EM-16 and a GSM-19 magnetometer survey of the property was completed just prior to the geological survey, in May 1998.

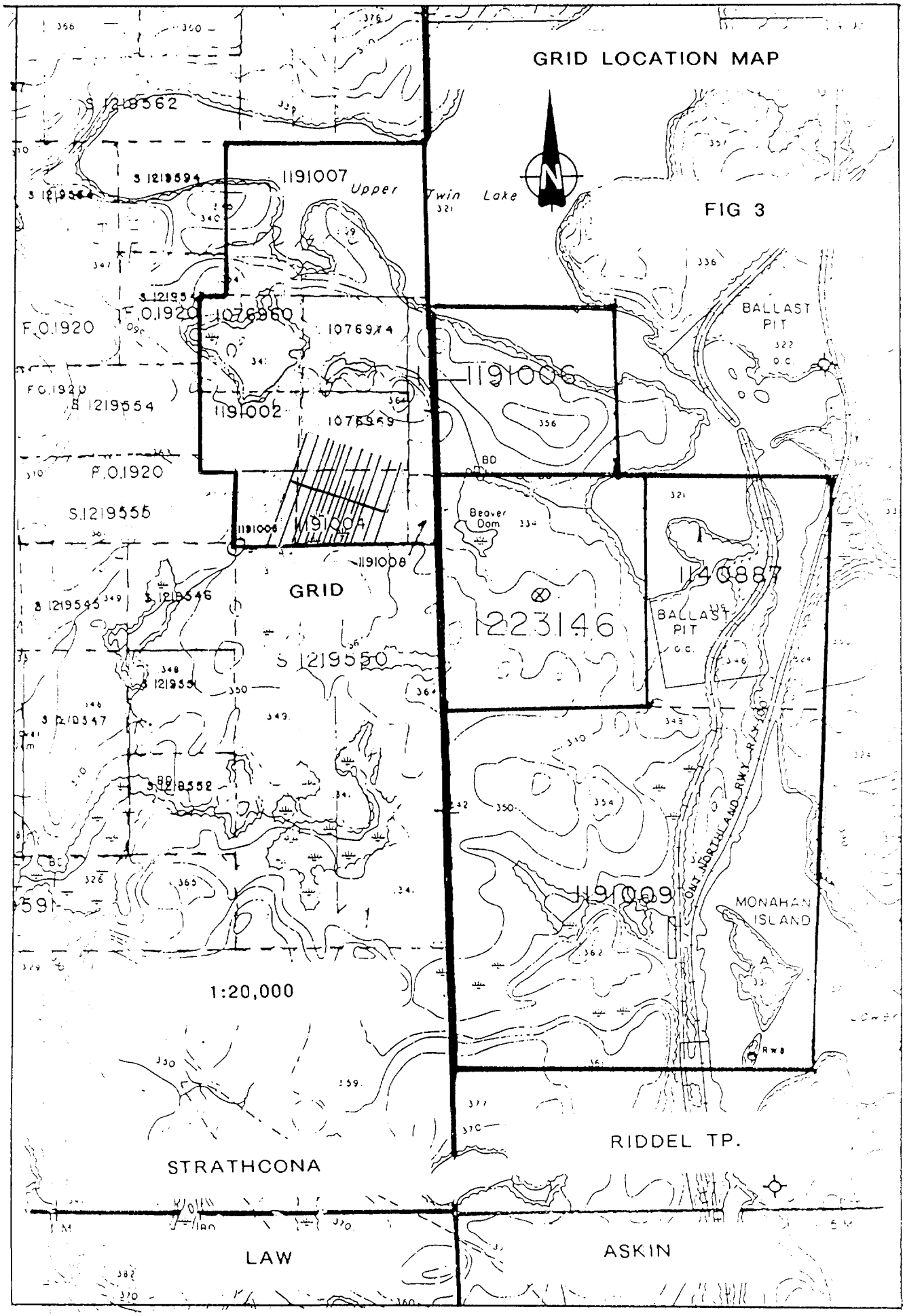
1:50,000



Scale 1:31,680 or 1 Inch to ½ Mile

Chains 80 60 40 20 0 1 2 Miles

Metres 1000 0 1 2 3 Kilometres


GRID LOCATION MAP
FIG 3
N
1191007
Upper Twin Lake
1076960
1076974
1191006
1191002
1076969
1191004
1191008
GRID
1223146
1140887
BALLAST PIT
Beaver Dam
S 1219554
S 1219555
S 1219550
S 1218546
S 1218547
S 1218552
F.0.1920
1191009
ONT. NORTHLAND RWY
MONAHAN ISLAND
1:20,000
STRATHCONA
RIDDEL TP.
LAW
ASKIN

Regional Geology

The Temagami Greenstone Belt is part of the Western Abitibi Subprovince of the Superior Province (Jackson and Fyon,1991). The belt is comprised of metavolcanics ranging from mafic flows to intermediate and felsic flows and pyroclastics, which are overlain in some locations by fine grained clastic metasedimentary rocks (Bennett, 1978). Sulphide or oxide facies iron formation overly either the felsic metavolcanics or the clastic metasediments. The metavolcanics and metasediments are intruded by subvolcanic mafic, ultramafic, and diorite - quartz diorite layered sills. Later granite, tonalite, granodiorite or trondhjemite batholiths intrude the supracrustal units. To the southeast and southwest, the older units are overlain by paraconglomerates and siltstones of the Gowganda Formation of the Huronian Supergroup. The Gowganda Formation, and adjacent metavolcanics, may be intruded by Nipissing Diabase.

The metavolcanics and metasediments strike east to northeast, and been folded about the east - northeast striking Tetapaga syncline. Foliations are generally east striking, parallel to stratigraphy and the axial plane of the syncline. Metamorphic grade is generally greenschist facies, but may approach amphibolite facies next to late granitoids.

Property Geology

The property is underlain by mafic metavolcanic flows, pillowed flows, and amphibolitic flows of the 2737 Ma Chambers-Briggs Assemblage (Jackson and Fyon, 1991). The mafic metavolcanics are intruded by quartz porphyritic and feldspar-amphibolite porphyritic felsic units and Nipissing Diabase (Fig. 3: in back pocket).

Table 1: Table of Formations

Recent

swamp

Pleistocene

sandy gravel till

PreCambrian

Archean

Mafic Intrusive Units

- 3a Nipissing Diabase
- b pyroxenitic dyke

Intermediate to Felsic Intrusive Units

- 2a Quartz Prophyry
- b Feldspar-amphibole Porphyry

Intermediate to Mafic Metavolcanic Units

- 1a Massive to foliated Flows
- b Pillowed Flows
- c Amphibolitic Massive Flows

Intermediate to Mafic Metavolcanic Units

The unit most prominent in the area north of the baseline and around the showing on 0+50E is the massive to foliated mafic volcanic. This unit consists of a fine to very fine grained, dark green to black green coloured, massive to moderately well foliated flow. The unit weathers light to medium gray green, and has a weak to moderate pervasive chlorite and epidote alteration. Development of a weak foliation is common in the massive units which becomes more intense near the contact with the pillowed and amphibolitic flows. There is also development of distinct bands of intensely foliated flow with quartz - albite - chlorite alteration. This unit is interpreted to have a conformable contact with the pillowed and amphibolitic flows to the south.

Pillowed flows are observed along the baseline at 1+50W. The flows consist of very fine grained, dark green coloured pillows which weather light gray green with light green epidote rich selvages. Chlorite and epidote alteration is weak and pervasive. The pillows appear to top to the southeast, but elongation along the regional foliation made an accurate measurement difficult. This unit may have originally extended across the property, roughly along the baseline, as remnant pillow structures were observed further to the east (1+75E 1+00N and 2+00E 1+00N). Deposition of the amphibolitic unit and the development of a regional foliation resulted in deformation of the pillows.

The massive amphibolitic unit is most prominent in the southern portion of the property. This unit in a fresh surface has a fine grained, massive nearly dioritic texture and is composed of equigranular feldspar and amphibole. On weathered surfaces, the units has a dark green gray colour, and the amphibole is more prominent. The best example of this unit is the outcrop on 0+50W at 0+80S where the fresh and weathered surfaces are visible. This unit is commonly fractured and may contain 2-3% pyrrhotite and pyrite along the fractures, as observed at 1+25E 0+75S. Although usually massive, this unit may be weakly foliated in some locations. The absence of coarser grained phases and of intrusive contacts have been interpreted to mean that this unit is a series of thick flows. The irregular nature of the interpreted contact probably represents an original irregular topography.

Intermediate to Felsic Intrusive Units

The quartz porphyritic unit is composed of a massive, white to light gray, medium to fine grained groundmass consisting of quartz and feldspar with minor amphibole and or chlorite. Coarse grained, anhedral, light gray quartz phenocrysts constitute about 10% of the unit. This unit is found in only one location, on line 0+50E at 1+50S, and no intrusive contact is observed. The coarse grain size is taken to indicate an intrusive origin.

The feldspar - amphibole porphyritic intrusive is present in two locations, at 0+75E at 0+40S and 0+25E at 0+65N. The unit consists of a massive, fine grained, white to light gray groundmass with no visible quartz. The phenocrysts are coarse grained, white, subhedral to euhedral feldspar and fine to coarse grained, black, subhedral to anhedral laths of amphibole. Observed contacts are very irregular and cross cut the volcanic foliation at a high angle.

Mafic Intrusive Units

Nipissing Diabase is present in two locations on the baseline at 0+00 and 0+25E, and at 0+00 1+75N. This unit is comprised of a massive, fine grained, dark green coloured, amphibole and feldspar groundmass. The groundmass contains medium to coarse grained, anhedral, white feldspar phenocrysts.

The pyroxenitic mafic dyke is found at only one location, at 1+25W 1+15S as a 30 cm wide dykelet. This unit is very fine grained, dark green black on weathered and fresh surfaces, and highly magnetic. The contacts are very sharp, with chill textures.

Alteration

The mafic volcanics underwent an incipient pervasive chlorite and epidote alteration. Slightly more intense epidote alteration is evident in the pillow selvages. Carbonatization is generally weak and restricted to fractures and along foliation.

A later stage of alteration consists of an albite - quartz - chlorite stringer and fracture filling, with lesser carbonate and variable amounts of pyrite and pyrrhotite. This type of alteration is most evident in the moderately to intensely foliated flows near the contact with the pillowed and amphibolitic flows. In some areas of intense development of the foliation, the albite - quartz strings may form multiple subparallel bands in zones up to 0.5 m wide. Individual bands within the zones may be up to 10-20 cm thick. This is the style of alteration hosting the mineralization on 0+25W. In other areas the albite - quartz is not evident, and rusty patches occur along the foliation and fractures (0+50W, 1+50N). The rusting appears to be the result of iron-carbonate and in combination with pyrite and pyrrhotite.

Bleaching occurs along some fractures in both the flows and Nipissing Diabase. No alteration was observed in the felsic intrusive units.

Structure

The original attitude of the units was not evident on the property. An estimate of pillow tops to the south suggests a roughly east-west strike with stratigraphic tops to the south.

A regional foliation is weakly to moderately well developed on the property. The foliation trends 155-170 degree with dips of 65-80 degrees to the southwest. This orientation matches a structure recorded by the EM-16 trending across the northeastern portion of the property. The cause of this response is not evident on surface.

The more massive amphibolitic units are jointed or fractured direction along 020/65S, 065/60-90S, and 150/70S. The latter direction corresponds to the foliation developed in the massive to foliated flows.

Mineralization

There are three showings on the property located at line 0+00 at the baseline, line 0+25W at 0+25S, and 0+50E at 1+35S. All three showings were blasted and sampled by the owners. The following descriptions rely on a couple of handsamples as the showings were not well exposed.

The showing at 0+00 consists of well banded, very fine grained, light to medium gray quartz - albite - chlorite unit which resembles a chert. The banding is millimetre to centimetre in scale. Interbanded with the chert is fine grained pyrrhotite with lesser pyrite, chalcopyrite and minor sphalerite. The sulphide may occur as fine bands or as more massive, up to 60% sulphide bands. In the more massive bands the chert occurs as fragments surrounded by sulphide. Pyrrhotite also occurs along fracture surfaces perpendicular to the banding. The best estimate of the width of the mineralization is about 0.75 metres oriented at 137 degrees and dipping 65 degrees south. The following are best results obtained by the owners from this showing were a grab of 3320 ppm Cu, 88.8 ppm Zn and 2.4 g/t Ag, and 1.89 g/t Au over 0.1 m. The banding appears to follow the foliation, but the width and strike extent of the mineralization could not be asserrtand. The host unit for the showing is the foliated mafic metavolcanic with possibly remnant pillow structures.

On 0+25W, there are two gossanous shears about 0.5 m wide, separated by 1 metre, in foliated mafic volcanic with albite - quartz along the foliation. The shears contain 5-10% fine grained, pyrrhotite, pyrite, and lesser chalcopyrite. Alteration associated with the sulphide consists of silicification and development of medium grained subhedral chlorite. The shears are oriented 160 degrees with a vertical dip, parallel to the regional foliation and the structure in the showing on 0+00. A grab sample by the owners assayed 4070 ppm

Cu, 185 ppm Zn, 4.3 g/t Ag, and 0.48 g/t Au.

The showing on 0+50E is hosted by foliated mafic volcanic with albite - quartz with variable iron carbonate and pyrrhotite along the foliation and along fractures. The sulphide mineralization is associated with bleached, solidified areas of mafic volcanic adjacent to the fractures. The sulphide consist of predominately pyrrhotite with lesser pyrite, chalcopyrite and sphalerite as fine to very fine grained irregular masses. The exposed mineralization is 0.5 metres wide, but is only visible at the bottom of a hand dug pit about 0.6 metres wide. A grab sample by the owners returned 1490 ppm Cu, 8790 ppm Zn, 4.5 g/t Ag and 1190 ppm Pb.

Conclusions

The original stratigraphy is interpreted to have been a series of interbedded massive flows and tuffs, the massive to foliated flows. Occasionally pillowed flows occurred within this sequence. Within these units, thin units of chemical sediment probably formed. Periods of more voluminous eruption resulted in thick flow sequences which cooling more slowly resulted in a slightly coarser grained texture, the amphibolitic flows. The lack of exposed contacts means that the amphibolitic unit could also be interpreted to be a high level sill intruded at a later date.

This original stratigraphy was deformed, resulting in the development of a foliation in the structurally weaker units, the tuffs and pillowed flows. Remobilized chemical sediment, augmented by later metamorphic fluids, occupied the more deformed units resulting in the formation of the albite - quartz bands. The accompanying base metal sulphides are probably from the original chemical sediment.

Association of the sulphides with the chemical sediment suggests that both formed as a result of hydrothermal activity at the time of volcanism. The best example of this style of mineralization are the Cyprus type deposits, and the best Archean example in Ontario is the Maybrun / Atikwa Lake prospect in the Kenora area (Shklanka, 1969). The Maybrun mineralization consists of chalcopyrite, pyrite and pyrrhotite hosted by pillowed flows. Gold values are reported in shear zones, along fractures and around pillow rims.

Recommendations

This property has the potential to host additional mineralization, but requires additional work to prove that the mineralization is significant. This could be accomplished by:

- using a Wajax pump to wash the stripped showings on 0+00 and 0+25W. The showing areas can then be remapped to confirm the orientation of the structures controlling the mineralization. This structural orientation can then be used to control the direction to conduct further prospecting in the area immediately around the showings.

- additional trenching in the area of the showing at 0+50E would be useful in determining the extent of mineralization in that area. A slot trenches across the strike of the foliation, 230 degree, could be used to determine the width of the mineralization zone. Additional assaying would be useful, but should not be conducted until the washed showing have been mapped.

- further prospecting could be completed in the area along the baseline around 1+75E where the mafic volcanic is in close contact with the amphibolitic unit. The albite - quartz alteration is prominent in this area and there may be additional sulphide mineralization.

- additional prospecting to determine the nature of the EM-16 conductor may be instructive. This feature is subparallel to the foliation, which appears to have some control on the orientation of the mineralization.

References

Bennett, G. 1978. Geology of the Northeast Temagami Area, District of Nipissing. OGS Geol Report 163.

Jackson S.L. and Fyon J.A., 1991. The Western Abitibi Subprovince in Ontario. in Geology of Ontario, edited by P.C. Thurston, H.R. Williams, R.H. Sutcliffe, and G.M. Stott. Ministry of Northern Development and Mines, Spec. Vol. 4, Part 1, pp. 454-456.

Shklanka R., 1969. Copper, Nickel, Lead and Zinc Deposits of Ontario. OGS Mineral Resource Circular 12, p. 163.

Qualifications

My place of residence is 2404 Algonquin Road, Sudbury, Ontario, P3E 5V1.

I have explored for gold, coper-zinc, and nickel-copper for 14 years in Ontario, Quebec, Newfoundland and Labrador, and the Northwest Territories.

I am a fellow of the Geological Association of Canada, F3647.

A Master of Science was awarded to me in 1984 by the University of Toronto.

Thomas Hart

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use): W9870.00531
Assessment Files Research Imaging

31M04SE2002 2.18775 RIDDELL 900

... of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the ... review the assessment work and correspond with the mining land holder. ... Recorder, Ministry of Northern Development and Mines, 6th Floor,

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

2.18775

1. Recorded holder(s) (Attach a list if necessary)

Name: Willem Wassenaar A-49359		Client Number
Address: Siek Wassenaar (Same address + ph.) A-52034		Telephone Number: (416) 424-2370
J.L. Wassenaar A-52033		Fax Number: (416) 424-3492
Name: Sybren Wassenaar A-52037		Client Number
Address: 7 Roxville Ave.		Telephone Number
Toronto, Ont. M4G 3P7		Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☑ Geotechnical: prospecting, surveys, assays and work under section 18 (regs) ☐ Physical: drilling, stripping, trenching and associated assays ☐ Rehabilitation

Work Type: Prospecting, Geological Geophysical Surveys w Linecutting		Office Use
		Commodity
		Total $ Value of Work Claimed: 15,607
Dates Work Performed: From 01 (Day) 05 (Month) 97 (Year) To 19 (Day) 07 (Month) 1998 (Year)		NTS Reference
Global Positioning System Data (if available)	Township/Area: STRATHCONA TP.	Mining Division: Sudbury
	M or G-Plan Number: G-3450	Resident Geologist District: Sudbury

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name: MEEGWICH INC. D. Caronda		Telephone Number: 705-569-2904
Address: P.O. BOX 482 TEMAGAMI, ONT. P0H 2H0		Fax Number: 705-569-2817
Name		Telephone Number
Address		Fax Number
Name		Telephone Number
Address		Fax Number

RECEIVED 10:10 SEP 14 1998 GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, David Caronda (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent: D. Caronda		Date: Sept 8, 1998
Agent's Address: Deemed Dec 13/98	Telephone Number	Fax Number

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form. W9870.00531

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim. 2.1877 5	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	1191002	1	930 65	800 00	ϕ	130 65
2	1191004	1	7,266 30	800 00	2500	3966 30
3	1191005	1	1,312 00	800 00	ϕ	512 00
4	1191006	3	580 00	1600 00	ϕ	ϕ
5	1191007	3	920 00	1600 00	ϕ	ϕ
6	1191008	1	ϕ	800 00	ϕ	ϕ
7	1076960	1	920 00	800 00	ϕ	120 00
8	1076969	1	2600	800 00	ϕ	1800 00
9	1076974	1	1078 15	800 00	ϕ	278 15
10						
11						
12						
13						
14						
15						
		Column Totals	15,607 10	8,800	2,500	6,807 10

I, DAVID CARONOE (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
D. Caronoe	Sept 8, 1998

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☑ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☑ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use): W9870.00532
Assessment Files Research Imaging

Personal Information collected on this form is obtained under the authority of subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.18773

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240.
- Please type or print in ink.

100% · 1191002, 1191004, 1191005, 1191006, 1191007, 1191008

1. Recorded holder(s) (Attach a list if necessary)

Name	Client Number
Willem Wassenaar A-49359	
100% 1076969 Address: Siek Wassenaar Same address + ph. A-52034	Telephone Number: (416) 424-2370
100% 1076960 J. L. Wassenaar A-52033	Fax Number: (416) 424-3492
Name: 100% 1076974 Sybren Wassenaar A-52037	Client Number
Address: 7 Roxville Ave.	Telephone Number
Toronto, Ont. M4G 3P7	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☐ Geotechnical: prospecting, surveys, assays and work under section 18 (regs)
☑ Physical: drilling, stripping, trenching and associated assays
☐ Rehabilitation

Work Type	Office Use
Trenching	Commodity
	Total $ Value of Work Claimed: 12,000
Dates Work Performed: From 01 (Day) 05 (Month) 97 (Year) To 19 (Day) 07 (Month) 98 (Year)	NTS Reference
Global Positioning System Data (if available) / Township/Area	Mining Division: Sudbury
M or G-Plan Number: G - 3450	Resident Geologist District: Sudbury

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name	Telephone Number
MEEGWICH INC. D. Caronda	705-569-2904
Address: P.O. BOX 482 TEMAGAMI, ONT. P0H 2H0	Fax Number: 705-569-2817
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED
10:10
SEP 14 1998
GEOSCIENCE ASSESSMENT OFFICE

4. Certification by Recorded Holder or Agent

I, David Caronda (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent	Date
D. Caronda	Sept 8, 1998
Agent's Address: Dec 13/98	Telephone Number / Fax Number

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form. W9870.00532.

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.		Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim. 2.18775	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg	TB 7827	16 ha	$26, 825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8, 892	$ 4,000	0	$4,892
1	1191002	1	Ø			
2	1191004	1	8,075 ✓			8,075 ✓
3	1191005	1	Ø			
4	1191006	3	Ø			
5	1191007	3	2,925 ✓			2,925 ✓
6	119100F	1	Ø			
7	1076960	1	1,000 ✓			1,000
8	1076969	1	Ø			
9	1076974	1	Ø			
10						
11						
12						
13						
14						
15						
		Column Totals	12,000			12,000

I, DAVID CARONOE (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
D. Caronoe	Sept 8, 1998

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

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- ☑ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use): W9870.00531-5B2

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.18775

Work Type	Units of Work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Geological Survey	5.00* km	300 /km	1500.00
Linecutting	5.075 km	265 /km	1344.88
MAGNETOMETER	5.075 km	95 / km	482.12
VLF-EM	5.075 km	90 / km	456.75
Report, copies, GST			982.36
Plugger / operator			275.00
Backhoe / operator			176.55
Associated Costs (e.g. supplies, mobilization and demobilization).			
79 days prospecting and trenching		150 /day/man	11,850.00
Assays			730.52
Explosives, supplies			559.39
Transportation Costs			
Truck (12 trips Toronto - Temagami - Toronto)			4,640.16
Food and Lodging Costs			4,608.71
(12 trips Toronto - Temagami - Toronto)			
		Total Value of Assessment Work	27,607.10

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, DAVID LAMONDE (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as AGENT (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

RECEIVED
10:10
SEP 14 1998
GEOSCIENCE ASSESSMENT OFFICE

Signature: D. Lamonde Date: Sept. 8/98

0212 (02/96)

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

October 1, 1998

JOHN LIEUWES WASSENAAR
7 ROXVILLE AVENUE
TORONTO, ONTARIO
M4G-3P7

Dear Sir or Madam:

Submission Number: 2.18775

Subject: Transaction Number(s):		**Status**
	W9870.00531	Deemed Approval
	W9870.00532	Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Bruce Gates by e-mail at gatesb2@epo.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,

ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 12883

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.18775

Date Correspondence Sent: October 01, 1998 **Assessor:** Bruce Gates

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9870.00531	1191002	STRATHCONA	Deemed Approval	September 29, 1998

Section:
14 Geophysical MAG
9 Prospecting PROSP
14 Geophysical VLF
12 Geological GEOL

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9870.00532	1191004	STRATHCONA	Deemed Approval	September 29, 1998

Section:
10 Physical PTRNCH

Correspondence to:

Resident Geologist
Sudbury, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

David Laronde
TEMAGAMI, ONTARIO

JOHN LIEUWES WASSENAAR
TORONTO, ONTARIO

SYBREN L WASSENAAR
TORONTO, ONTARIO

WILLEM WASSENAAR
TORONTO, Ontario

SIEK WASSENAAR
STOUFFVILLE, ONTARIO

Correspondence ID: 12883

Ministry of Natural Resources — Ontario

Ministry of Northern Development and Mines

IN SERVICE FEBRUARY 10, 1989

INDEX TO LAND DISPOSITION

PLAN

G-3450

TOWNSHIP

STRATHCONA

M.N.R. ADMINISTRATIVE DISTRICT

TEMAGAMI

MINING DIVISION

SUDBURY

LAND TITLES/REGISTRY DIVISION

NIPISSING

Scale 1:20 000

1000 Metres 0 1000 2000 Metres

1000 Feet 0 2000 3000 4000 5000 6000 7000 8000 9000 10000 Feet

Contour Interval 10 Metres

SYMBOLS

- Boundary
- Township, Meridian, Baseline
- Road allowance; surveyed
- shoreline
- Lot/Concession; surveyed
- unsurveyed
- Parcel; surveyed
- unsurveyed
- Right-of-way road
- railway
- utility
- Reservation
- Cliff, Pit, Pile
- Contour
- Interpolated
- Approximate
- Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway; single track
- double track
- abandoned
- Road; highway, county, township
- access
- trail, bush
- Shoreline (original)
- Transmission line
- Wooded area

AREAS WITHDRAWN FROM DISPOSITION

MPO - Mining Rights Only

SRO - Surface Rights Only

M & S - Mining and Surface Rights

	Description	Order No.	Date	Disposition	File
(R5)	~~Sec.35/90~~	~~W-3-76/86~~	~~09/05/86~~	~~M & S~~	~~195150~~
	~~Sec.35/90~~	~~W-3-76/86~~	~~09/05/86~~	~~M & S~~	~~195150~~
	Sec.35/90	W-3-83/86	09/19/86	SRO	195150
(R3)	~~W. ON/FRONT S.R.O.~~	~~SEP.09/91 L.R. FILE~~			
	ISLANDS IN LAKE TEMAGAMI	W-3-76/86 W-3-84/86	09/19/86 09/05/86	M & S	195150
		OC DEC 19/96		M&S	94351 V.2
(R4)	~~SEC.35/90~~	~~W-3-83/86~~	~~09/19/86~~	~~M & S~~	~~195150~~
	~~SEC.35/90~~	~~W-3-87/86~~	~~09/19/86~~	~~M & S~~	~~195150~~
(R5)	SEC.35/90	W-3-3/96	08/18/96	M & S	195150

THIS TOWNSHIP FALLS WITHIN THE TEMAGAMI COMPREHENSIVE PLANING AREA. SPECIAL WORKING CONDITIONS MAY APPLY TO EXPLORATION ACTIVITIES. FOR MORE DETAILS PLEASE CONTACT:

DISTRICT MANAGER,
NORTH BAY DISTRICT
MINISTRY, NATURAL RESOURCES

(R8)	~~SEC.35/90~~	~~W-3-10/96~~	~~09/06/96~~	~~M & S~~	~~195150~~
	SEC.35/90	W-3-60/96	09/13/96	M & S	195150
		W-3-83/86	09/19/86		
(R7)	SEC.35/90	~~W-3-60/96~~	~~09/19/96~~	~~M & S~~	~~195150~~
(R5)		AREA DEEMED IN NEED OF PROTECTION BY THE CROWN AND WILL REMAIN WITHDRAWN INDEFINITELY.			

LAKE TEMAGAMI (R6)

LAND COVERED BY THE WATERS OF LAKE TEMAGAMI IS WITHDRAWN FROM PROSPECTING AND STAKING OUT

NOTES

600' ON BOTH OF HIGHWAY 11 RESERVED FROM DISPOSITION AS PER FILE I-60707.

	~~W-3-76/86~~	09/19/86	
SEC.35/90	~~W-3-84/86~~	~~09/05/86~~	M & S 195150
ISLANDS IN LAKE TEMAGAMI NOT OPEN FOR STAKING UNDER THE MINING ACT - ORDER IN COUNCIL - 19 DEC 96, FILE 94351 V.2.			

ISLAND No. 49 REMAINING SHORELINE IS WITHDRAWN FROM DISPOSITION DATE 28 JULY 1965 (SEE REMARKS)

SKYLINE RESERVE (R6)
AREA DEEMED IN NEED OF PROTECTION BY THE CROWN AND WILL REMAIN WITHDRAWN

DISPOSITION OF CROWN LANDS

Patent
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only

Lease
- Surface & Mining Rights
- Surface Rights Only
- Mining Rights Only

- Licence of Occupation
- Order-in-Council
- Cancelled
- Reservation
- Sand & Gravel
- LAND USE PERMIT

JUNE 1, 1996 OPENINGS — T 57504, TR 3075, TR 3076, TR 3077

DATE OF ISSUE

OCT 01 1998

PROVINCIAL RECORDING OFFICE - SUDBURY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

NOTICE

WORK PERMITS FOR MINERAL EXPLORATION ACTIVITY
EFFECTIVE September 15TH 1998

The area outlined as 777 on this map will be subject to Ontario Regulation 349/98 made under the Public Lands Act. Depending on the type and nature of your exploration work you may require a Work Permit. For further information please contact Gerhard Meyer, Regional Resident Geologist at (705) 567-5242 or Jim Ireland, Regional Manager at (705) 235-1612

Map base and detail drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The description of land, location of fabric and parcel boundaries for this Index is for administrative purposes only.

STRATHCONA TWP.

G - 3450

2.18775

210

Wassenaar Property

Strathcona Township, Ontario

Trenching and Prospecting Map

Data processing and interpretation by: Meegwich Consultants Inc.

Scale 1:5000 | May 1998

NTS 31 L/13 & 31 M/4

Scale 1:5000

3 50 0 50 100 150 200

(metres)

astro.

Upper Twin Lake

Beaver Pond

Riddel Tp.

Strathcona Tp.

logging road

equipment road

GRID AREA PROSPECTED HEAVILY

A 5'x2'

C 17'x3'

23-97

2-97

9-97

D 15'x3'

E 12'x3'

qtz-carb.

2-97

9-97

Area 004 15'x20'

00, 00

15'x15'

25S, 25W

15 S 23'x4' #5E

136 S 6'x6' PIT 55 E

25-97

26-97

2 x 24-97

100 S

200 S

100 N

200 N

100 W 50 W 0 50 E 100 E 150 E 200 E

0 outcrop

.... traverses

trench

X sample

1 - andesite

2 - basalt

3 - gabbro

qtz carbonate zone

1191007

1191006

1076960

1076974

1191002

1076969

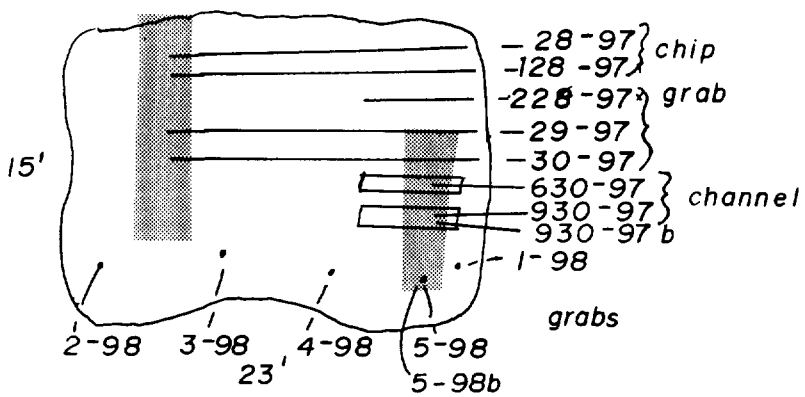
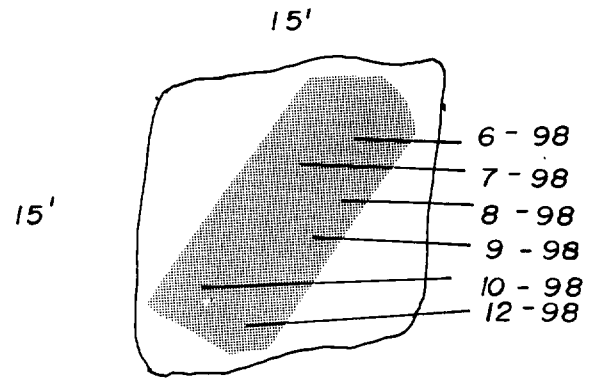
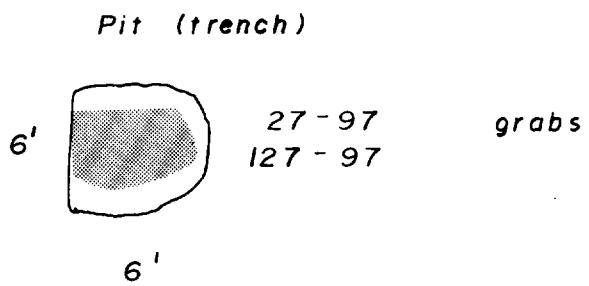
1191008

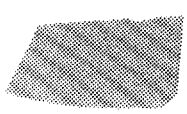
1191004

GRID AREA

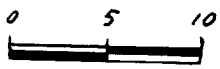
TRENCHING

2.18775

Grid Co-ords	Sampling Plan	Geology
00, 00		chemical sediments with py, ccp, pyrr, sphalerite
25S, 25W		" "
136S, 55E		" "

 - mineralized zone

Scale: 1" = 10'



8/98.

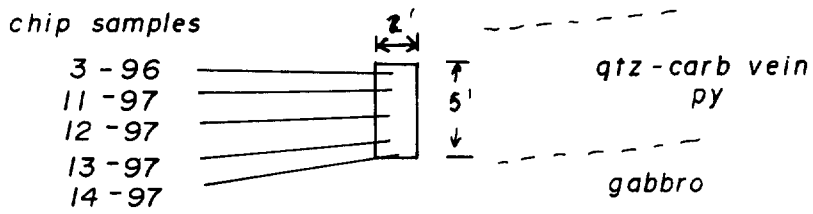
BEAVER POND AREA

2.18775

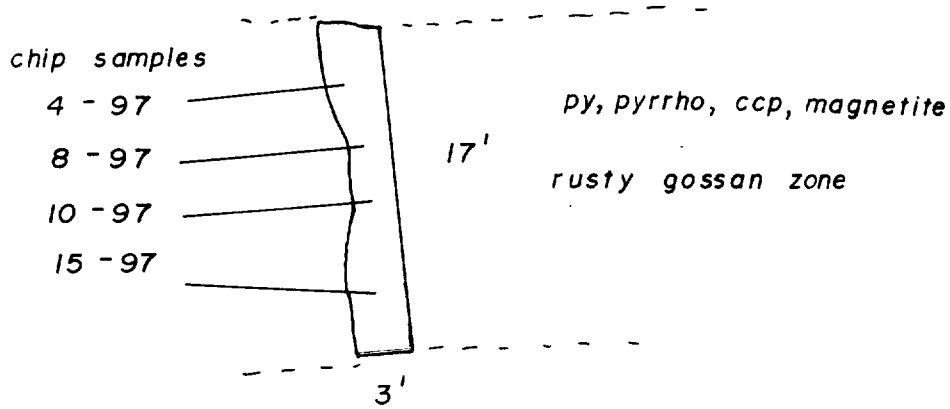
TRENCHING

Sampling Plan

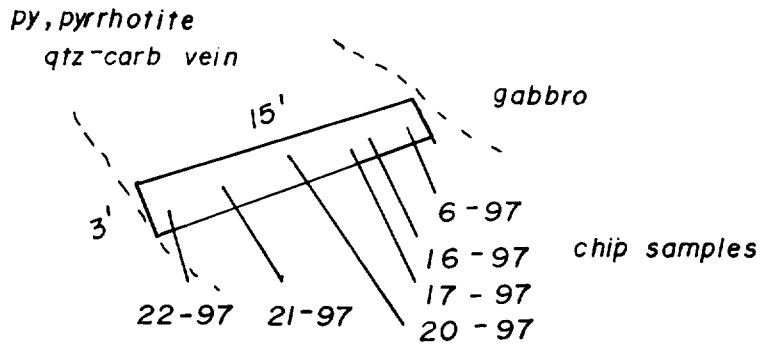
Trench A



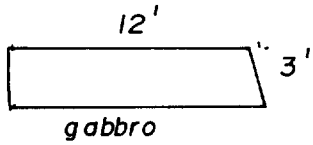
Trench C



Trench D

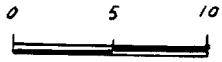


Trench E



no samples, barren qtz.

SCALE 1" = 10 ft.



8/98

DEPARTMENT OF ZOOLOGY

Claim 1191004

PLAN OF CHANNEL SAMPLING 2.18775

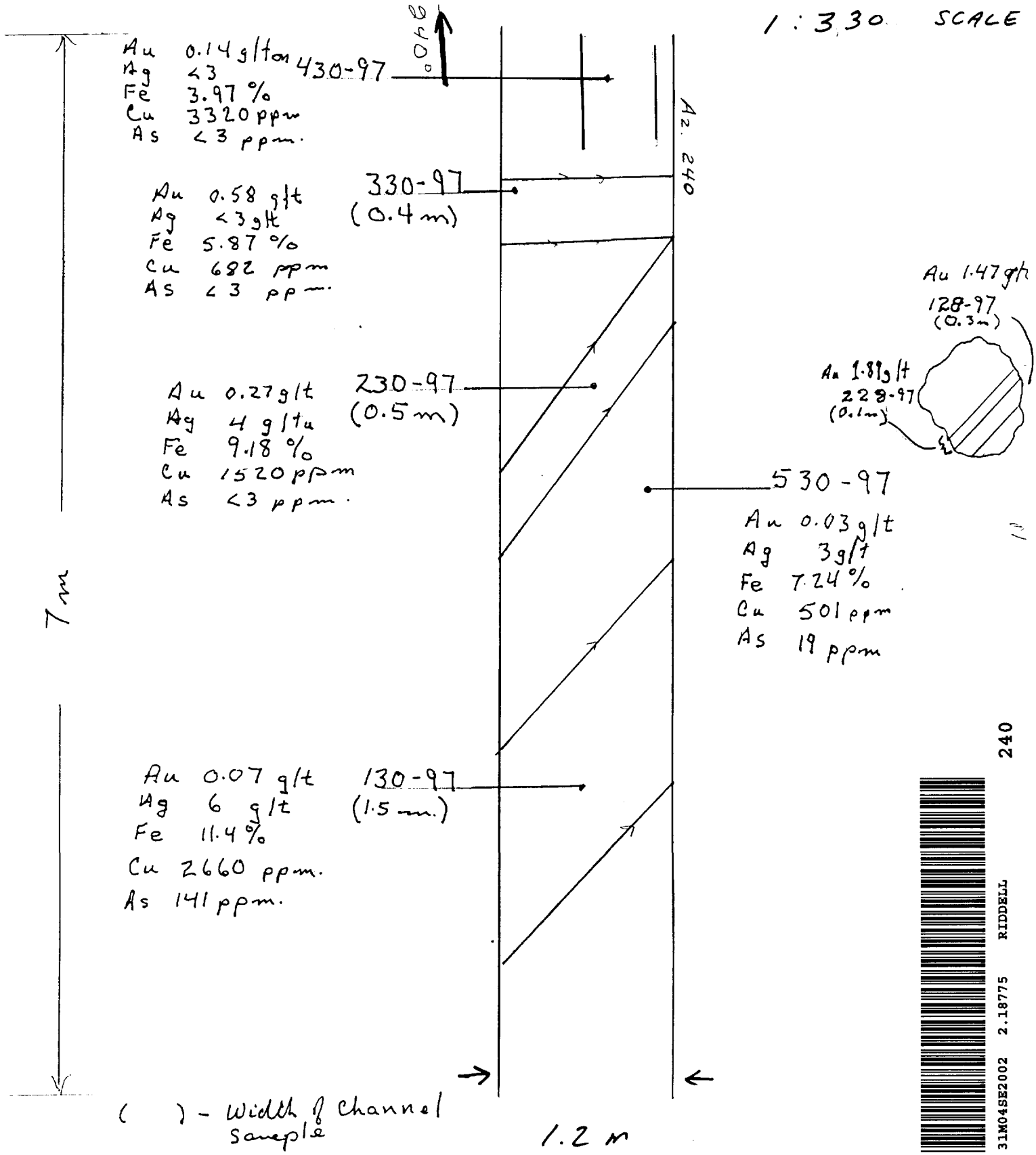
NAME D. Vassenaar

Trench Oct 29 - Nov 1

TRENCH 15S, 45E

DATE Nov 23/97.

1 : 330 SCALE



240

Appendix V

Instruments: Geonics EM-16 VLF Receiver Serial #8404014

GEM systems GSM-19 Walking Magnetometer Serial #58479

Scintrex EDA Omni IV Magnetometer Serial #228225

In-Phase

Quadrature

Conductor Axis, Defined

Conductor Axis, Interpreted

Profile Scale: 1 cm = 400 gammas

1191002

1076969

1191005

1191004

1191008

200 N

100 N

100 S

200 S

BASELINE 0

L 150 W

L 100 W

L 50 W

L 25 W

L 0

L 25 E

L 50 E

L 75 E

L 100 E

L 125 E

L 150 E

L 175 E

L 200 E

L 250 E

A

B

C

D

E

F

Barespot

Barespot Showing

Plateau

57000 subtracted from all readings

Scale 1:1000

20 0 20 40 60

(metres)

2.18775

Wassenaar Property

Strathcona Township, Ontario

Ground Geophysical Surveys

Total Field Magnetics

Profiles

Data processing and interpretation by: Meegwich Consultants Inc.

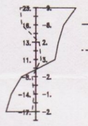
Scale 1:1000 | May 1998

NTS 31 L/13 & 31 M/4

Instruments: Geonics EM-16 VLF Receiver Serial #8404014

GEM systems GSM-19 Walking Magnetometer Serial #58479

Scintrex EDA Omni IV Magnetometer Serial #228225



In-Phase

Quaternary

Profile Scale: 1 cm = 10%

Conductor Axis, Defined

Conductor Axis, Interpreted

1191002

1076969

1191005

1191004

1191008

200 N

100 N

BASELINE 0

100 S

200 S

L 150 W

L 100 W

L 50 W

L 25 W

L 0

L 25 E

L 50 E

L 75 E

L 100 E

L 125 E

L 150 E

L 175 E

L 200 E

L 250 E

A

B

C

D

E

F

Barespot 2

Barespot 1

Plateau showing

Scale 1:1000

20 0 20 40 60

(metres)

2.18775

Wassenaar Property

Strathcona Township, Ontario

Ground Geophysical Surveys

VLF – EM Survey

Profiles of the In-Phase and Quadrature

Data processing and interpretation by: Meegwich Consultants Inc.	*Scale 1:1000*	*May 1998*
	NTS 31 L/13 & 31 M/4	

LEGEND

Lithologies

- 3a Nipissing Diabase
- 3b pyroxenite dyke
- 2a Quartz porphyritic felsic dyke
- 2b Feldspar – amphibole porphyritic felsic dyke
- 1a Massive to foliated mafic metavolcanic
- 1b Pillowed mafic metavolcanic
- 1c Amphibolitic mafic metavolcanic

Scale 1:1000

20 0 20 40 60

(metres)

Symbols

- foliation
- joint
- mineralization
- interpreted geological contact
- claim post
- claim line
- swamp

Geology Drawn by: Tom R. Hart

2.18775

Wassenaar Property

Strathcona Township, Ontario

Ground Geophysical Surveys

Geology and Prospecting Map

GEOLOGY BY TOM HART	Scale 1:1000 — May 1998
	NTS 31 L/13 & 31 M/4