An Exploration Report on The Case Pegmatite Steele Township, Larder Lake Mining Division

By Gerry O'Reilly
July 13, 1998

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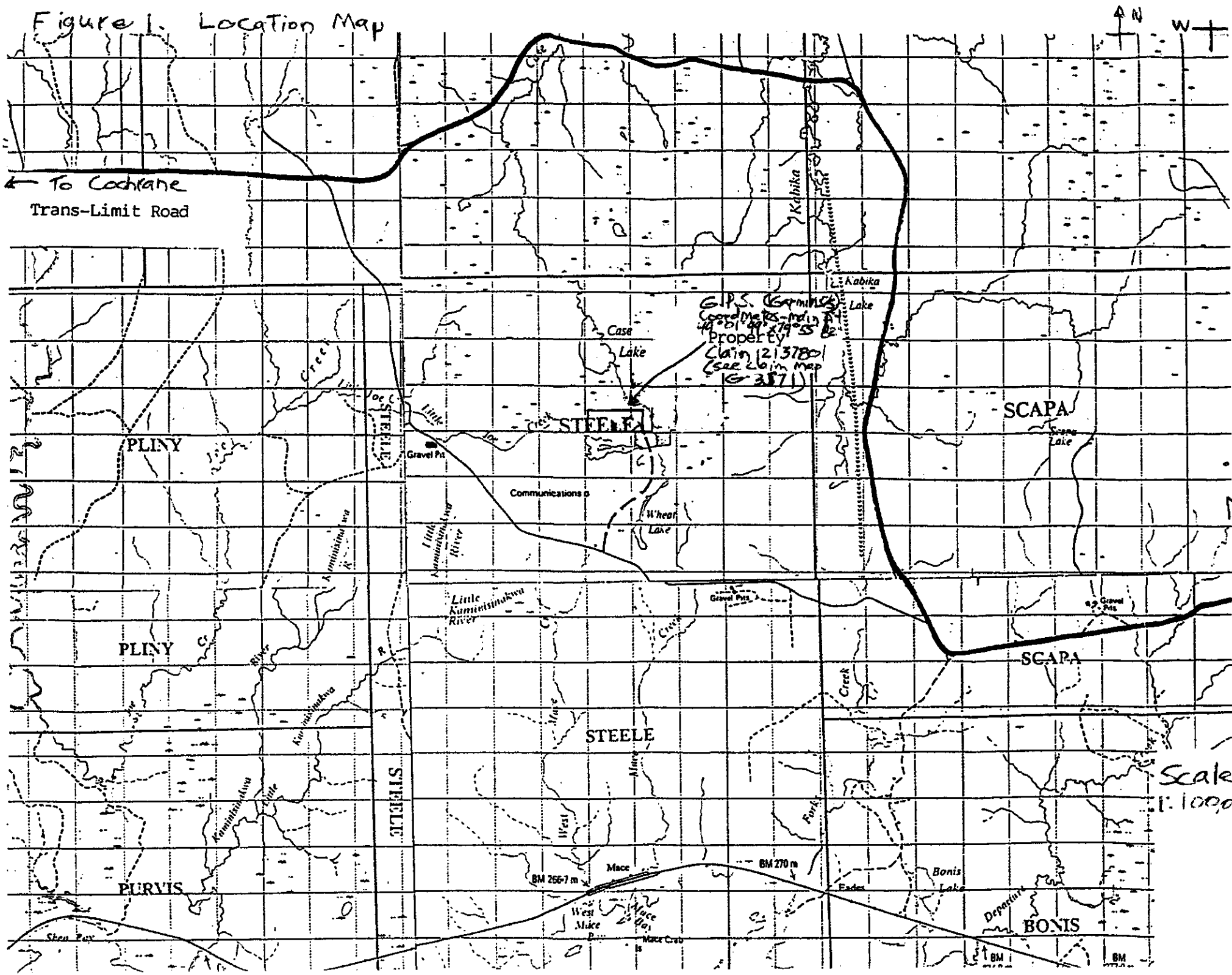
INTRODUCTION

Location / Access

The Case pegmatite prospect is located in claim #1213780 1 (3 units) in Steele township in the Larder Lake mining division. (Please see figure 1, page 2.) The claim lies approximately 700 m. north of the east end of Little Joe Lake, 80 air km. east of the town of Cochrane, ON.

The property is accessed by the so-called "Trans-limit" road, and a southern branch from it, which goes to the former C.N.R. railway station at Eades near the north shore of Lake Abitibi. A 3.8 km. bush road from the above-mentioned road leads directly to the prospect. The total road distance from Cochrane to the property is 98 km.

Figure 1. Location Map



Previous Work

1962-3: Prospecting by Canadian Johns-Manville Co., Ltd. resulting in 171 lbs. of rock samples being analyzed by the Mineral Sciences Division of the Federal Department of Mines and Technical Surveys.

1971-4: Prospecting, including mapping, stripping, trenching, and drilling by Dex, Ltd.

1989-90: Prospecting, including sampling and u/v lamping by Gerry O'Reilly.

1991: Prospecting, including mapping, geophysical work, and sampling by James G. Burns.

1996-8: Prospecting by Gerry O'Reilly. Sampling by Dr. F. W. Breaks, plus electron microprobe analysis by Dr. A. Tindle.

PROGRAM

The program attempted to investigate the cesium, gallium, rubidium, scandium, and tantalum potential of the Case pegmatite. Based upon the work of other explorationists, the prospect appeared to have exploration potential for all of these high tech / high value commodities - with the exception of scandium, which had never before been looked for in this area.

Phase one of the program was an attempt to reproduce the assay results of previous groups - particularly Burns, who had explored for Cs, Rb, and Ta. On October 2, 1997, Dr. F. W. Breaks of the O.G.S. and the writer visited the prospect. Breaks sampled k-spars and primary muscovites from the main trenches of Burns' north, central, and south dike systems (please see the "Geology"

section of this report). With the exception of Sc, the sampling results implied exploration potential for Cs, Ga, Rb, and Ta. Breaks also pointed out "a nice trend of increasing evolution in the sequence: south zone → main (central) → north zone".

Because of these findings, phase two of the program consisted of the following.

1. Prospecting for additional pegmatite outcrop to the north of the north zone (where presumably an even greater degree of pegmatite evolution might occur). This consisted of (1) a search for outcrop in the low area north of the prospect, and (2) stripping along lines A and B (please see the "Property Geology" map) at the east and west ends of the north zone.
2. Prospecting/sampling the north zone in

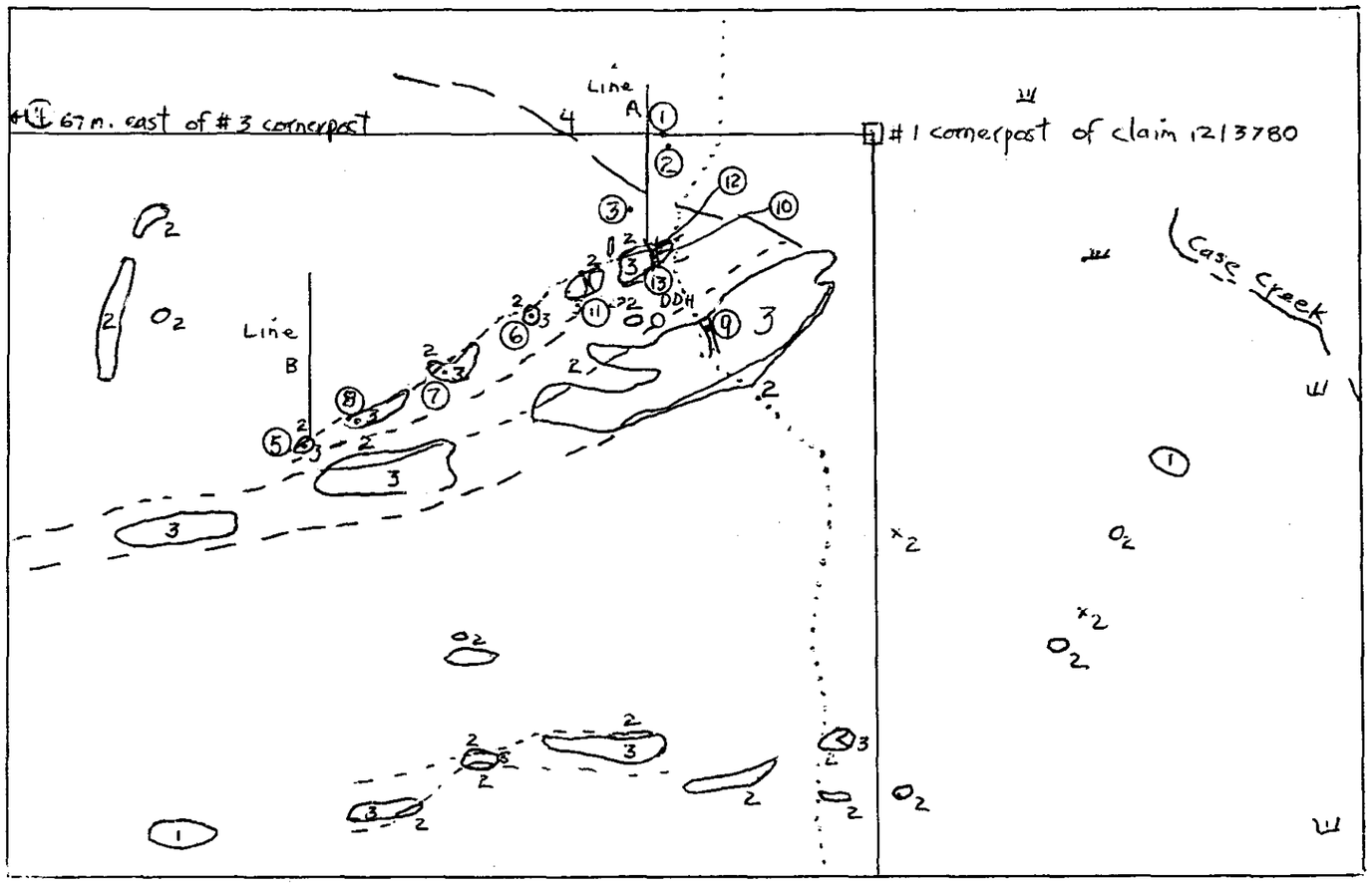
detail, including bleaching the area near the two trenches at the east end of the area and looking for pollucite with the help of a stain kit.

GEOLOGY

Burns has summarized the regional/property geology as follows:

> Geological mapping of the area was conducted by S. Lumbers in 1959, and subsequently published in 1962 as Geological Report #8, accompanied by map 2018. In 1978 G. W. Johns compiled the data for the Burtbush Lake - Detour Lake Area (south part), which includes Steele Township, and his map, P. 2243 was released in 1979.
>
> The [claim lies within the Case batholith near its contact with] the Scapa metasediments to the south. Whether the batholith, which has a mapped, plus inferred, extent in excess of 5,000 square km., represents a single intrusion or a series of intrusions is not known. It is mainly a quartz monzonite, but near its contacts, as in the vicinity of the [claim], it grades to a granodiorite...
>
> A set of three roughly parallel pegmatite dikes, that are collectively known as the Case pegmatite, strike obliquely to the batholith/sediment contact at about 60° NE.

Figure 2
Case Pegmatite Property Geology (After Burns/Darby)



Legend
Late Precambrian
Mafic Intrusive Rx
4 Mafic Dike
Early Precambrian
Felsic Intrusive Rx
3 Pegmatite
2 Granite
Metasediments
1

)(Trench
·③ sample location/#
× small bedrock o/c
~ Geological boundary/obser
... Geological boundary/inferr
Corner/line post/line
.... Road/trail
Low area

Scale: 1: 2,500

Maximum known dimensions of the largest body are 420 m. long by 30 m. wide. Each pegmatite displays complex zoning.

Lithological Descriptions

Case Granodiorite

Granodiorite is the dominant phase of the batholith near its contact. It is grayish pink in color, massive, medium to coarse grained and equigranular. Quartz (20%), feldspar (70%), and biotite (10%) comprise the bulk of its composition.

Case Pegmatite

... a set of three roughly parallel dikes comprise the Case pegmatite. They occur as a raised knob outcrop with a sharp, steep contact with the granodiorite host. Quartz, feldspar, muscovite, and spodumene are the main mineral constituents...

Dikes: Physical Data

	Max o/c Length	Max o/c Thickness
North	100 m.	15 m.
Central	420 m.	30 m.
South	140 m.	10 m.

Mineralization of economic interest includes a suite of minerals, which carry beryllium, cesium, lithium, rubidium, tantalum, yttrium, and gallium in addition to industrial minerals.

Spodumene crystals up to 90 cm. in length are found throughout the pegmatites. From the one hole drilled by Dex, Ltd. in 1973, and halted at 101 feet due to poor coring, spodumene was found throughout the core.

Be values of .37% and .19% BeO were found in material submitted by Canadian Johns-Manville Co., Ltd. to the O.G.S.

The Case pegmatite, according to Breaks, is one of only four Ontario occurances of pollucite, the only ore mineral of Cs, as identified by E.H. Nickel of the G.S.C. in 1963. The material contained 5.79 % Cs_2O.

Nickel also identified the Ta minerals microlite and tantalite from the Johns-Manville sample some of which apparently assayed as high as .5%.

Two out of three of the Johns-Manville samples

had assays of .01% Ga.

Finally, Burns had some interesting values for Rb (up to 6,900 p.p.m.) and Y (up to 680 p.p.m.).

PROGRAM RESULTS

Phase 1

A composite "character" sample was taken fr
the main trench of the main (central) zon
in July, 1996. It consisted of muscovite
spodumene, k feldspar, and greisen or greisen
like material. The assay results (pleas
see the Appendix) were sufficiently
encouraging for the target metals (with
the exception of Sc, which was low at
·6 p.p.m.) that Dr. Fred Breaks of the OG
and the writer did follow up sampling in
October, 1997.

k feldspar and primary muscovites were
sampled from the main trenches of all
three of Burns' zones (north, main, and
south). Breaks halved his samples and
one set was sent to the O.G.S. assay
facility (in Geoscience Laboratories Section),
and the other (by the writer) to XRAL
Laboratories. Once again the results (pleas

see the Appendix) were encouraging, and most significantly, Breaks observed "a nice trend of increasing evolution in the sequence: south zone → main [central] zone → north zone".

In the case of Cs, this trend was corroborated by Burns' numbers. His average Cs values (p.p.m.) were as follows: south zone, 136 → main (central) zone, 204 → north zone, 314. Because of this, Breaks recommended prospecting "the poorly exposed ground to the north ... Further pegmatites could be present and potentially of even a higher degree of chemical and mineralogical evolution". Breaks furthermore pointed out that the "case muscovite samples [up to 1.500 p.p.m.] also verify the enriched Cs aspect of the pegmatites". He also mentioned that the north zone Cs numbers place it in the same field of K/Rb vs. Cs variation as the Bernic Lake

and Separation Rapids pegmatite groups (please see Figure 3).

The same south to north zone enrichment in the Case pegmatite holds true for Ta as well as Cs. The average Ta values (p.p.m.) from Burns' grab samples are: south zone, 34 → main (central) zone 157 → north zone, 406. Of the samples taken by Breaks, he comments:

> The tantalum levels in muscovite are relatively high and plot near and within the Tanco primary muscovite field in the Ta vs. Cs plot. This gives the Case pegmatites a high exploration rating for Ta and Cs. The tantalum enrichment is verified by the initial electron microprobe work by Dr. Andy Tindle. The black oxide minerals sampled from the Main Zone of the Case Pegmatite contain TAPIOLITE and MICROLITE, both tantalum rich minerals.

The Rb numbers were also encouraging. Breaks' kspar samples ran between 4,170 and 7,410 p.p.m., while the muscovites (analysed by the O.G.S.) were a little under 1% at 9,080-9,100 p.p.m. This points once again to the Case pegmatite's high degree of fractionation, which bodes well for Cs and Ta enrichment - especially in the north zone.

Breaks' muscovite samples yielded 252 p.p.m. Ga.

Phase 2

Based upon Breaks' recommendations, results from the October, 1997 sampling program a followup exploration exercise was carried out in April - May, 98.

The low ground to the north of the north zone was prospected for outcrop. Althou

some was found and sampled (please see the "Property Geology" map), most of the outcrop was granitic. Sample # CASE/98-1 was taken from a small granodiorite outcrop with some pegmatitic material (K feldspar) on it, which may or may not have been float. The Cs-Rb-Ta numbers were all well above background. The remainder of the samples from this area yeilded background values.

No additional pegmatite was found from stripping to the north of the north zone along lines A and B.

The north zone has an intermittent outcrop length of 180 m. (Burns' estimate was 100 m.). The six areas of outcrop, which comprise the zone were all sampled (#s 5-13 excepting #9). The sample

all contained k feldspar, some mica, and some spodumene. The highest values were from pit rock from the trenches in the two easternmost outcrops. Sampl # 13 (east trench) carried 1,790 p.p.m. Cs, while # 11 (west trench) assayed 880 p.p.m. Ta. Greisen or greisen-like zoning was noticed in this area, and in a number of other places throughou the Case pegmatite. Greisen alteration is often an indication of Ta enrichmen

Sc assays were uniformly low in all samples, while the best Ga values were from the easternmost trench in the nort Zone.

No pollucite has been found thus far as a result of bleaching the area ne the two trenches in the north zone, an checking promising looking material with the stain kit.

DISCUSSION / RECOMMENDATIONS

The program results imply that additional work needs to be done on the Case pegmatite property.

1. A trench should be blasted across the west end of the north zone to facilitate better sampling / pollucite identification.
2. An experienced pegmatite geologist should examine the bleached outcrop near the two trenches at the east end of the north zone carefully to look for pollucite.
3. The east end of the north zone should be drilled to look for Cs and Ta enrichment.

References

Breaks, F.W., Personal communications: telephone calls, faxes, meetings, and field trips from Nov./96 to April/98.

Burns, J.G., Results of Exploration Work Conducted on the Case Pegmatite, 1991 in the Kirkland Lake Resident Geologist's assessment files.

Lumbers, S.O., Geological Report #8: Steel, Bonis and Scapa Townships, 1962, O.D.M., Toronto.

Nickel, E.H., A Mineralogical Investigation of Pegmatite Samples from Steel Township, Ontario, Submitted by Canadian Johns-Manville Company, Limited, 1963, Canada Department of Mines and Technical Surveys, Ottawa.

APPENDIX: ASSAY RESULTS

Statement of Qualifications

I, Gerry O'Reilly, prospector, of 81 7th Street, Cochrane, Ontario, do declare the following.

1. I graduated from McMaster University with the degree of Bachelor of Arts in 1960, and studied as a post-graduate student in geology for one year at the same university in 1961.

2. My field prospecting experience dates back to the early 1950s and I have had geological/geophysical experience with companies such as Canadian Nickel Company and Midwest Diamond Drilling.

3. I am a current member in good standing of the Association of Exploration Geochemists, the CIM and the Porcupine Prospectors and Developers Association.

2.1866 6

6W-4368-RG1

BECQUEREL LABORATORIES INC.

TORONTO , GOLD + 33 , OPTION 1
BATCH # T96-00537.0

11-25-96 13:30:59 INAA REPORT FOR :
SWASTIKA LABORATORIES
MAPSHEET : SEQUENCE : 001 TO 001

DATA FORMAT : SAMPLE ID, WEIGHT(GRAMS), RESULTS = A10, 1X, F7.3, 1X, 34(F6.1) = 223 PRINT POSITIONS
RESULTS IN PPM EXCEPT : AU & IR IN PPB; FE & NA IN % .

SAMPLE ID	WT(G)	AU	SB	AS	BA	BR	CD	CE	CS	CR	CO	EU	HF	IR	FE	LA	LU	MO	NI	RB	SM	SC	SE	AG	NA	TA	TE	TB	TH	SN	W	U	YB	ZN	ZR
6W-4368-RG1	15.018	-5	-.5	-1.0	-100	1.8	-10	-10	605.0	720	-10	-2	-2	-100	1.5	-5	-.5	-2	54	4150	.8	.6	-27	-5	1.10	117.0	-20	-1.0	-.5	-200	3	-.5	-5	-200	-500

21 13668

Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-4368-RG1

Company: **G. O'REILLY**

Date: JAN-17-97

Project:

Attn: G. O'Reilly

We hereby certify the following Geochemical Analysis of 1 Rock samples submitted SEP-05-96 by .

Sample Number	Au = 33 PPB/PPM	Ga PPM
Dex Comp		10

Certified by G. Leboy

2 18666

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705) 642-3300

XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 019743 **Date:** 05/03/98 **FINAL**

Element.	K2O	Li	Rb	Cs	Ta
Method.	XRF100	ICP90	NA-BAS	NA-BAS	NA-BAS
Det.Lim.	0.01	10	30	3	1
Units.	%	ppm	ppm	ppm	ppm
LT97MU-1	n.a.	1320	n.a.	201	44
LT97MU-2	n.a.	2320	n.a.	159	42
MZ97MU-1	n.a.	3500	n.a.	1420	130
MZ97MU-2	n.a.	3310	n.a.	1500	140
LT97KF-1	13.0	n.a.	1690	64	n.a.
LT97KF-2	13.2	n.a.	3800	241	n.a.
97KF-1	13.4	n.a.	5570	304	n.a.
97KF-2	13.2	n.a.	6020	433	n.a.
97KF-3	13.6	n.a.	7410	1050	n.a.
97KF-5	13.3	n.a.	4170	138	n.a.
*Dup LT97MU-1	n.a.	1320	n.a.	n.a.	n.a.

K-FELDSPAR ANALYSES FROM CASE PEGMATITE, STEEL TOWNSHIP

	Case 97KF-1	Case 97KF-2	Case 97KF-3	Case 97KF-4	Case 97KF-5
SiO2	65.01	64.58	64.48	65.05	64.75
Al2O3	18.41	18.18	18.16	18.38	18.29
MnO	ND	ND	ND	ND	ND
MgO	0.01	ND	ND	ND	ND
CaO	0.08	0.09	0.07	0.07	0.07
Na2O	1.94	2.18	1.72	1.97	2.13
K2O	13.21	13.10	13.60	13.36	13.25
P2O5	ND	ND	ND	ND	ND
TiO2	0.01	0.01	0.01	0.01	0.01
Fe2O3	0.35	0.35	0.34	0.35	0.35
LOI	0.08	0.08	0.08	0.06	0.09
TOTAL	99.05	98.35	98.41	99.22	98.91

	Case 97KF-1	Case 97KF-2	Case 97KF-3	Case 97KF-4	Case 97KF-5
Li	59	56	64	42	35
Cs	350	560	1000	155	182
Ba	1049	261	265	384	341
Rb	5448	6309	7106	3807	3932
Sr	331	270	144	207	205
Y	ND	14	39	ND	ND

MUSCOVITE ANALYSES FROM MAIN ZONE OF CASE PEGMATITE

	Case MZ-MU1	Case MZ-MU2		Case MZ-MU1	Case MZ-MU2
SiO2	44.80	44.79	Be	22	20
Al2O3	30.44	30.15	Cs	1380	1400
MnO	0.40	0.34	Nb	408	363
MgO	1.09	1.09	Rb	9080	9100
CaO	0.06	0.04	Sn	240	241
Na2O	0.39	0.34	Ta	161	151
K2O	10.38	10.41	Ga	252	252
P2O5	ND	ND	Y	88	87
TiO2	0.63	0.62	Li	3523	3488
Fe2O3	4.76	4.70			
FeO	2.83	2.76			
LOI	3.94	4.01			
TOTAL	96.84	96.45			

XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 050935 **Date:** 02/07/98 **FINAL**

Element.	Ga	Sc	Rb	Cs	Ta
Method.	XRF7	NA-BAS	NA-BAS	NA-BAS	NA-BAS
Det.Lim.	3	1	30	3	1
Units.	ppm	ppm	ppm	ppm	ppm
CASE/98-1	107	<1	2640	263	200
CASE/98-2	24	2	360	20	4
CASE/98-3	48	<1	730	73	41
CASE/98-4	38	2	780	54	15
CASE/98-5	51	1	2100	395	48
CASE/98-6	38	<1	450	89	65
CASE/98-7	35	<1	450	84	210
CASE/98-8	21	<1	3800	305	5
CASE/98-9	53	<1	2620	350	200
CASE/98-10	121	1	5070	1510	170
CASE/98-11	44	<1	1710	232	880
CASE/98-12	68	<1	220	53	29
CASE/98-13	107	1	4770	1750	190
*Dup CASE/98-1	104	<1	2560	260	200
*Dup CASE/98-13	106	1	4800	1790	200

Figure 3

Fields of K/Rb vs. Cs Variation for Kspar ('Breaks' Samples)

XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 050935 **Date:** 02/07/98 **FINAL** Page 1 of 1

	Element.	Ga	Sc	Rb	Cs	Ta
	Method.	XRF7	NA-BAS	NA-BAS	NA-BAS	NA-BAS
	Det.Lim.	3	1	30	3	1
	Units.	ppm	ppm	ppm	ppm	ppm
Sample #						
1	CASE/98-1	107	<1	2640	263	200
2	CASE/98-2	24	2	360	20	4
3	CASE/98-3	48	<1	730	73	41
4	CASE/98-4	38	2	780	54	15
5	CASE/98-5	51	1	2100	395	48
6	CASE/98-6	38	<1	450	89	65
7	CASE/98-7	35	<1	450	84	210
8	CASE/98-8	21	<1	3800	305	5
9	CASE/98-9	53	<1	2620	350	200
10	CASE/98-10	121	1	5070	1510	170
11	CASE/98-11	44	<1	1710	232	880
12	CASE/98-12	68	<1	220	53	29
13	CASE/98-13	107	1	4770	1750	190
	*Dup CASE/98-1	104	<1	2560	260	200
	*Dup CASE/98-13	106	1	4800	1790	200

2.18666

XRAL Laboratories
A Division of SGS Canada Inc.

Work Order: 019743 **Date:** 05/03/98 **FINAL**

Element.		K2O	Li	Rb	Cs	Ta
Method.		XRF100	ICP90	NA-BAS	NA-BAS	NA-BAS
Det.Lim.		0.01	10	30	3	1
Units.		%	ppm	ppm	ppm	ppm
Sample #						
14	MZ97MU-1	n.a.	3500	n.a.	1420	130
15	MZ97MU-2	n.a.	3310	n.a.	1500	140
16	97KF-1	13.4	n.a.	5570	304	n.a.
17	97KF-2	13.2	n.a.	6020	433	n.a.
18	97KF-3	13.6	n.a.	7410	1050	n.a.
19	97KF-5	13.3	n.a.	4170	138	n.a.

2.18666

Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

6W-4368-RG1

Company: **G. O'REILLY**

Date: JAN-17-97

Project:

Attn: G. O'Reilly

We hereby certify the following Geochemical Analysis of 1 Rock samples submitted SEP-05-96 by .

Sample # Number	Au = 33 PPB/PPM	Ga PPM
20 Dex Comp		10

2. 18661

Certified by G. Leboy

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300

6W-4365-RG1

BECQUEREL LABORATORIES INC.

TORONTO , GOLD + 33 , OPTION 1
BATCH # T96-00537.0

11-25-96 13:30:59 INAA REPORT FOR :
SWASTIKA LABORATORIES
MAPSHEET : SEQUENCE : 001 TO 001

DATA FORMAT : SAMPLE ID, WEIGHT(GRAMS), RESULTS = A10, 1X, F7.3, 1X, 34(F6.1) = 223 PRINT POSITIONS
RESULTS IN PPM EXCEPT : AU & IR IN PPB; FE & NA IN % .

sample # 20

SAMPLE ID	WT(G)	AU	SB	AS	BA	BR	CD	CE	CS	CR	CO	EU	HF	IR	FE	LA	LU	MO	NI	RB	SN	SC	SE	AG	NA	TA	TE	TB	TH	SN	W	U	YB	ZN	ZR
6W-4368-RG1	15.018	-5	-.5	-1.0	-100	1.8	-10	-10	605.0	720	-10	-2	-2	-100	1.5	-5	-.5	-2	54	4150	.8	.6	-27	-5	1.10	117.0	-20	-1.0	-.5	-200	3	-.5	-5	-200	-500

2.18866

Ontario Northern Development and Mines

Performed on Mining Land

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

W9880.00439
Assessment Files Research Imaging

32E04SW2001 2.18666 STEELE 900

subsections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this ment work and correspond with the mining land holder. Questions about this collection pment and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

recording a claim, use form 0240.

* Amendment.

RECEIVED
JUL 21 1998 2pm
GEOSCIENCE ASSESSMENT OFFICE

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

Name: Gerry O'Reilly	Client Number: 177265
Address: Box 991, COCHRANE, ON. P0L 1C0.	Telephone Number: (705) 272-5262
	Fax Number: -8562
Name	Client Number
Address	Telephone Number
	Fax Number

$2,000 6

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: General prospecting (looking for o/c north of prospect)
- Line location
- Sampling
- Stain kit testing
- o/c bleaching
- Hand (mattock) stripping

Dates Work Performed: From Day 23 Month 7 Year 98 To 96 ← O.K. Day 20 Month 5 Year 98.

Global Positioning System Data (if available): main pit of prospect Lat. 49° 01' 19" Long. 79° 56' 22" (Garmin GPS 48)

Township/Area: Steele

M or G-Plan Number: G-3571

Office Use	
Commodity	
Total $ Value of Work Claimed	1936
NTS Reference	
Mining Division	Harder Lake
Resident Geologist District	Kirkland Lake

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; None
- include two copies of your technical report.

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

Name: Gerry O'Reilly	Telephone Number: (705) 272-5262
Address: Box 991, COCHRANE, ON. P0L 1C0.	Fax Number: -8562
Name	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

4. Certification by Recorded Holder or Agent

I, Gerry O'Reilly (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: G. O'Reilly		Date: 98/7/13
Agent's Address	Telephone Number	Fax Number

RECEIVED
JUL 22 1998
GEOSCIENCE ASSESSMENT OFFICE

2241 (03/97)

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

W9880.00439

	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.	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	1213780	3	$1,936.27	$1,936.27	$0	
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
	Column Totals	3	$1,936.27	$1,936.27	$0	

I, Gerry O'Reilly (Print Full Name), do hereby certify that the above work credits are eligible unde 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
G O'Reilly	98/7/13.

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)	

0241 (03/97)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use): W9880.00439

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, this 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 a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6S5.

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
General prospecting/looking for o/c north of prospect	1 day	@ 175./day	$175.00
Line location	½ day	175/day	87.50
Sampling	1½ day	175/day	262.50
Stain kit testing	½ day	175/day	87.50
Hand (matock) stripping	½ day	175/day	87.50
o/c bleaching	½ day	175/day	87.50
Associated Costs (e.g. supplies, mobilization and demobilization).			
Analyses/assay costs		2.1866 6	668.05
Consumable supplies			90.96
Shipping of material to XRAL for assay			15.51
Stain kit (from Swastika Laboratories)			80.25
Transportation Costs			
Road (own vehicle) five round trips (196 km.) to prospect = 980 km. x 30¢/km. =			294.00
Food and Lodging Costs			
		Total Value of Assessment Work	1,936.27

RECEIVED
JUL 21 1998
GEOSCIENCE ASSESSMENT OFFICE

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:

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

Signature: G O'Reilly Date: 98/7/13.

0212 (03/97)

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

November 18, 1998

DENNIS GERALD O'REILLY
81-7TH STREET
BOX 991
COCHRANE, Ontario
P0L-1C0

Dear Sir or Madam:

Submission Number: 2.18666

Status

Subject: Transaction Number(s): W9880.00439 Approval After Notice

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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 Steve Beneteau by e-mail at benetest@epo.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,

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

Correspondence ID: 13085

Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.18666

Date Correspondence Sent: November 18, 1998 **Assessor:** Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00439	12137801	STEELE	Approval After Notice	November 18, 1998

Section:
9 Prospecting PROSP

Thank you for your prompt response to the 45 Day Notice issued on October 16, 1998. All deficiencies associated with this submission have been corrected. Furthermore, your written request to reduce the original submission cost of $1,936.00 by $233.00 as a result of not being able to furnish the sample location for samples 14-19, has been approved. Therefore, $1,703.00 has been approved for this submission.

Correspondence to:
Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):
DENNIS GERALD O'REILLY
COCHRANE, Ontario

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: November 18, 1998

Submission Number: 2.18666

Transaction Number: W9880.00439

Claim Number	Value Of Work Performed
1213780	1,703.00
Total: $	1,703.00

Correspondence ID: 13085

CASE TWP.

PLINY TWP.

SCAPA TWP

PURVIS TWP.

BONIS TWP. M.421

CASE LAKE

1228057
1228058
1228059
1228060
1213765
1213766
1213767
1219379
1213769
1213768
1213770
1213771
1213773
1213772
1213774
1214666
1213780
GRAVEL FILE #8995
TOWER SITE M.N.R. FILE 72137
RY 344
2.18666 PROSP
GRAVEL FILE #8995.

C.R.
WEST MACE
MACE
MACE STA.
Con. Nat. Rwy.
MACE BAY
WEST MACE BAY
FORKS
1218813
1218814
1218815
1218816
1213199
B.C. 189
L.O.
NORTHEAST BAY
LAKE ABITIBI
1226644
1226646
1226648
1226645
1226647

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◒
" , MINING RIGHTS ONLY	◓
LEASE, SURFACE & MINING RIGHTS	L or ■
" , SURFACE RIGHTS ONLY	■
" , MINING RIGHTS ONLY	■
LICENCE OF OCCUPATION	L.O. or ▼
ORDER-IN-COUNCIL	OC
RESERVATION	®
CANCELLED	⊗
SAND & GRAVEL	Ⓢ

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

RI --- NOT OPEN FOR STAKING- SEC. 30(B) MINING ACT- OPP TOWER SITE

DATE OF ISSUE
NOV 2 0 1992
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.

TOWNSHIP

STEELE

M.N.R. ADMINISTRATIVE DISTRICT
COCHRANE

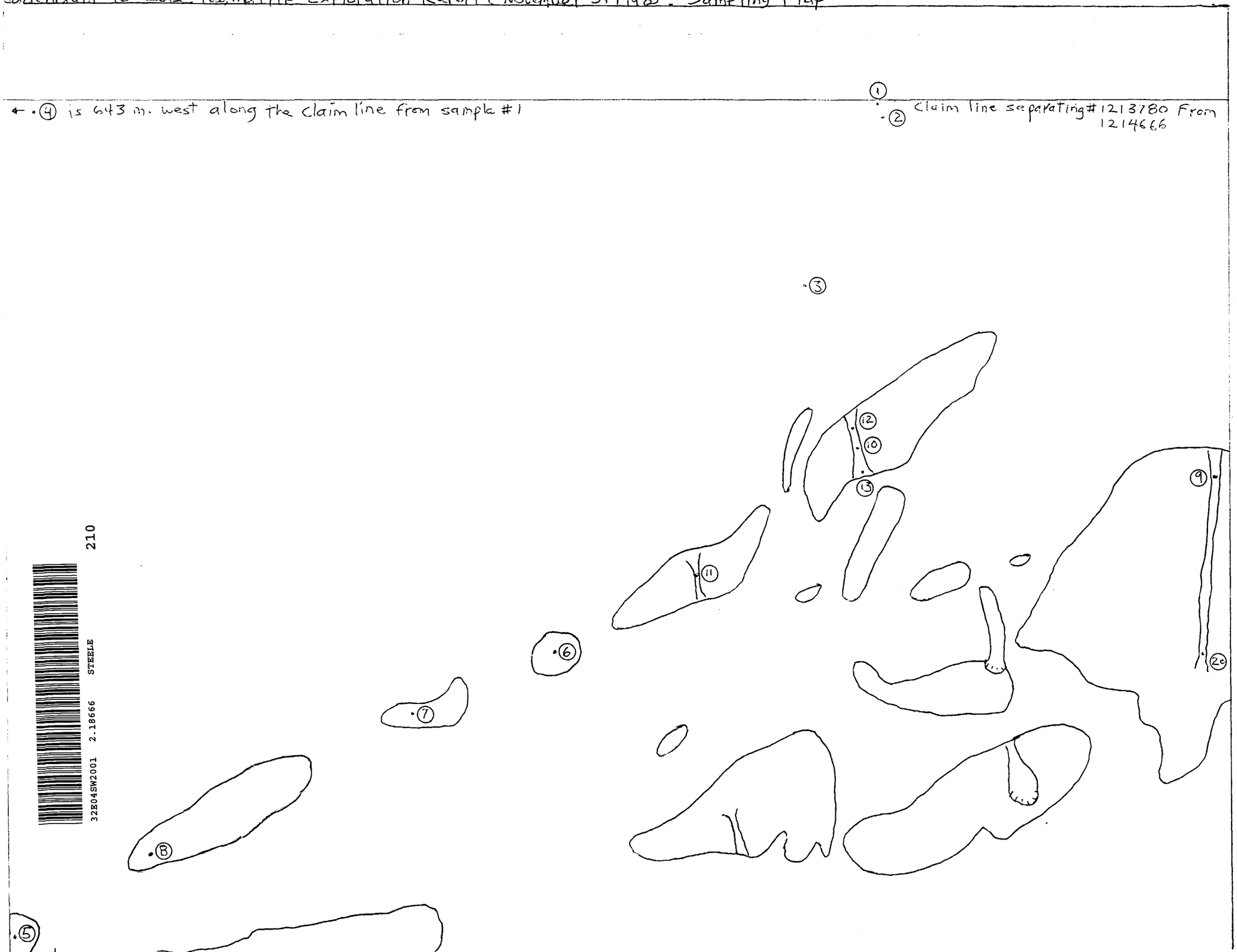
MINING DIVISION
LARDER LAKE

LAND TITLES / REGISTRY DIVISION
COCHRANE

Ontario Ministry of Natural Resources — Ministry of Northern Development and Mines

Date	Number
	G-3571

Addendum To Case Pegmatite Exploration Report (November 3, 1998): Sampling Map



N

W

Legend

)(Trench

·③ Sample location/#

— Claim line

o/c

Scale: 1:500