



32D05NE2012 2.19439 TANNAHILL

010

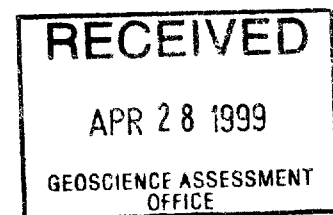
Sedex Mining Corp. / Abitibi Mining Corp

Tannahill Project

Assessment Report on 1997 Soil Survey Program

NTS 32 D/5

2.19439



February 25, 1999

Todd Keast

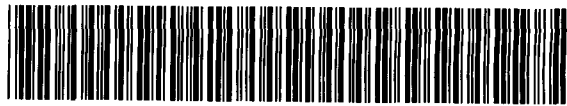


TABLE OF CONTENTS

	Page
Introduction.....	1
Location and Access.....	1
Property.....	1
Previous Work.....	4
Regional Geology.....	5
Property Geology.....	6
Soil Survey.....	7
Recommendations.....	9
References.....	10
Certificate of Qualifications.....	11

Figures

Figure 1	Project Location.....	2
Figure 2	Cross Section Main Zone.....	8

Tables

Table 1	Claim List.....	3
Table 2	Area Gold Production.....	6

Appendices

Appendix I	Assay Certificates
------------	--------------------

Maps

Map 1	Soil Survey Sample Locations
Map 2	Soil Survey Assays

INTRODUCTION

Between the period of July 17, 1997 and September 3, 1997, a total of 1,155 'B' horizon soil samples were collected on a portion of the Tannahill Project. The Tannahill Project is situated 35 kilometers (km) northeast of Kirkland Lake Ontario, within Tannahill, Elliot, Clifford, and Ben Nevis townships of the Larder Lake Mining Division. The purpose of the soil survey was to determine if the survey method could successfully identify and delineate a known gold bearing structure on the property. The soil survey successfully identified the gold bearing structure, with the highest sample of the survey returning **223 PPB Au**. In addition to identifying the known gold bearing structure, several additional targets were identified. Further exploration including trenching and diamond drilling is recommended to follow up on the known gold bearing structure and the other identified targets.

LOCATION AND ACCESS

The Tannahill Project is located 35 kilometres northeast of Kirkland Lake Ontario (**Figure 1**), in Tannahill, Clifford, Elliot and Ben Nevis townships of the Larder Lake Mining Division. NTS 32 D/5. 48° 22' 80° 45', UTM 592500 E 5359500 N. Access to the Tannahill Project is gained by travelling approximately 15 km south along the Esker Lake Hwy 672 from the Hwy 101-672 intersection. Travel east for approximately 7.2km along logging road R-39.

PROPERTY

The Tannahill project consists of 47 claims (226 units) comprising 3,616 hectares, **Table 1**. The claims are situated within Tannahill, Clifford, Elliot, and Ben Nevis Townships of the Larder Lake Mining Division.



Figure 1

TABLE 1

Claim #	Township	Units	Hectares	Expiry Date
L 1110715	Elliot	1	16	05/29/00
L 1110716	Elliot	1	16	05/29/00
L 1110717	Elliot	1	16	05/29/00
L 1110718	Elliot	1	16	05/29/00
L 1110719	Elliot	1	16	05/29/00
L 1110720	Elliot	1	16	05/29/00
L 1110721	Elliot	1	16	05/29/00
L 1110722	Elliot	1	16	05/29/00
L 1110723	Elliot	1	16	05/29/00
L 1110724	Elliot	1	16	05/29/00
L 1110725	Elliot	1	16	05/29/00
L 1110726	Elliot	1	16	05/29/00
L 1110729	Elliot	1	16	05/29/00
L 1110730	Elliot	1	16	05/29/99
L 1110756	Elliot	1	16	05/29/99
L 1110757	Elliot	1	16	05/29/99
L 1112143	Elliot	1	16	08/25/99
L 1112144	Tannahill	1	16	08/25/00
L 1112145	Tannahill	1	16	08/25/00
L 1112146	Tannahill	1	16	08/25/00
L 1200395	Tannahill	2	32	04/11/00
L 1202561	Tannahill	10	160	04/11/00
L 1202567	Tannahill	3	48	03/17/00
L 1211581	Tannahill	16	256	12/13/98
L 1211919	Tannahill	12	192	03/25/99
L 1213843	Tannahill	16	256	03/04/00
L 1213860	Tannahill	8	128	03/25/00
L 1213861	Tannahill	12	192	03/25/99
L 1213898	Elliot	9	144	04/04/00
L 1213899	Tannahill	9	144	04/04/00
L 1220219	Tannahill	1	16	12/13/98
L 1220240	Elliot	8	128	12/13/99

L 1220241	Elliot	15	240	12/13/99
L 1220246	Tannahill	12	192	12/13/99
L 1221671	Tannahill	4	64	10/25/99
L 1221672	Tannahill	8	128	10/25/99
L 1221673	Tannahill	15	240	10/25/99
L 1221799	Tannahill/Ben Nevis	5	80	01/17/99
L 1221803	Tannahill	15	240	01/17/99
L 1221859	Tannahill	12	192	03/03/99
L 1221860	Clifford	8	128	02/07/99
L 26639	Tannahill	1	15.28	Lease
L 26640	Tannahill	1	15.41	Lease
L 26641	Tannahill	1	16.96	Lease
L 26642	Tannahill	1	19.81	Lease
L 26643	Tannahill	1	16.95	Lease
L 26644	Tannahill	1	16.06	Lease
47 claims		226 units	3620.47 ha	

PREVIOUS WORK

Previous exploration in the area is limited. In 1931, V. Jordan staked the southwestern corner of Tannahill Township, 1980 metres northwest of Pinaws Lake. Surface trenching was and prospecting was completed. V. Jordan did not report any further work.

In 1935 J. McClosky staked and optioned the property to Erie Canadian Mines Limited. Minor trenching and sampling was completed. Gold bearing quartz veins and syenite porphyry dikes cutting volcanic rocks are present. Quartz veins associated with a shear zone returned assays up to 29.00 gm/t Au. Erie Canadian did not report any further work on the property. The claims were brought to Lease status and prospected periodically, however no information is available on this work.

In 1991 G. Bastarache completed an IP survey, limited stripping and completed one diamond drill holes (96m). The drill hole intersected massive mafic flows, and feldspar porphyry dykes. Minor sulphides were reported. In 1995 two diamond drill holes (273.1 m) were completed. The drilling intersected massive flows, narrow silicified mineralized sections, diorite intrusions and feldspar porphyry. G. Bastarache did not report any further work.

In 1996 Otis J./Pacific Mariner Completed linecutting magnetometer surveys and limited IP surveys on claim L 1202567, L 1202561, L 1200395. The companies changed their names Abitibi Mining Corp. and Sedex Mining Corp. respectively.

Between 1996 and 1997 diamond drilling was completed in six separate phases for a total 6,171.16 metres. The majority of drilling was focussed on delineating the strike and dip extent of the Upper and Lower Zones. 11 holes tested a number of IP anomalies, which failed to intersect significant gold mineralization. Results and details of this work are included in Assessment Report on Diamond Drilling 1998. In 1997 a trenching program was completed over a portion of the property in order to delineate the gold bearing structure. Please refer to Assessment Report on Trenching 1999 for details of this work.

REGIONAL GEOLOGY

The Tannahill Project is hosted in the Archean aged Blake River Group of the Abitibi subprovince. Volcanics rocks of the area are classified chemically as tholeiitic and calc-alkaline. They include a wide spectrum of rock types ranging from basalts to rhyolites. Intrusive rocks include gabbros, diorites and feldspar porphyries with scattered rare diabase dykes. Mapping in the region has identified a number of east west trending fold axis that lead to the repetition of units in a north south direction. Both the volcanics and intrusions have a relatively low magnetic signature, which makes interpretation from magnetic surveys difficult. Two Producing Mines and a number of sub-economic deposits exist in the Gold camp. They are summarized below in the following **Table 2**.

Table 2. Gold Production Holloway Gold Camp

Deposit	Company	Reserves	Production
Holt-McDermott	Barrick Gold	3,526,000 tons @6.9 gm/t Au	509,827 oz
Holloway J.V.	Battle Mountain & Teddy Bear Valley	4,961,000 ton @6.7 gm/t Au	
Golden Harker	Golden Harker	500,000 tons 0.16 oz/t	
Iris		790,000 tons 0.07 oz/t	
Garcon		350,000 tons 0.19 oz/t	
Buffonta		400,000 tons 0.15 oz/t	12,319

PROPERTY GEOLOGY

The Tannahill project is underlain by a wide sequence of calc-alkaline flows of predominantly basaltic and andesitic composition. The flows are generally massive, pillowed, or flow brecciated. Locally the flows are massive with a crystalline texture, and resembles a gabbroic intrusion. A large coarse grained syenite intrusion is situated in the southern portion of the project. A number of narrow syenite dykes radiate outwards from this intrusion, crosscutting stratigraphy. The syenite intrusion and the associated dykes are strongly magnetic and provide the only magnetic contrast in the volcanic sequence.

Drilling to date on the Tannahill Gold Zone has identified two close spaced parallel highly prospective north dipping gold bearing structures (2nd order structures) related to a large vertical structure (1st order structure). The gold bearing structures (Lower Zone and Upper Zone), consist of pervasive quartz-carbonate-albite alteration with 5-10% disseminated pyrite with variable quartz veining. Gold is hosted in sections of the pervasive alteration which contain greater than 5% quartz veins. The zones strike in a northeast/southwest direction and dip to the north at 60°.

The Lower Zone has returned the higher gold grades to date, including visible gold in four holes, and holds the greatest exploration potential. The Lower Zone shows continuity along strike and consistency in grade. It has been successfully intersected along 300 metres of strike length at the 25 and 50 metre levels, and may remain open in both

directions. Grades and widths above the 50 metre level are generally 0.35 - 3.25 gm/t over widths ranging between 0.60 - 3.0 metres. At depth the zone widens significantly and the grades increase dramatically (**Figure 2**). Three holes below the 75 metre level along 100 metres of strike length have excellent widths with high gold grades (**5.16 gm/t / 5.0 metres** in T-96-9, **4.80 gm/t / 5.00 metres** in T-96-11, and **7.02 gm/t / 3.7 metres** in T-96-15). The Lower Zone intersects the 1st order vertical structure at approximately the 125 m vertical level. Gold mineralization has been identified in the 1st order vertical structure, however grades and widths are generally sub-economic. To date a total of 6,172 metres has been completed on the project .

SOIL SURVEY

Between the period of July 17, 1997 and September 3, 1997, a total of 1,155 'B' horizon soil samples were collected over a portion on the property. The survey was focussed along a known gold bearing structure, identified in a previous diamond drill program, and VLF survey. Samples were collected at 12.5m spacings along 3 km of strike length of a VLF anomaly coincident with a known gold bearing structure. An orientation survey was initially run over an area of the property where the gold bearing structure is known to outcrop an surface. From the results of this survey the 'B' horizon was determined to be the most effective sampling medium, with a sample interval of 12.5m. Results of the survey are enclosed on **Map 2** with sample numbers on **Map 1**. Assay certificates are enclosed in **Appendix I**.

The soil survey successfully identified the gold bearing structure at a number of locations. The best response extends from L 4+00 W / 4+50 N through to L 7+00 E / 7+00 N a total length of 1,100 metres. The highest result from this anomaly was **173 PPB Au**. A very continuous anomaly extends from L 14+00 W 0+75 N through to L 10+00 E / 2+50 N.

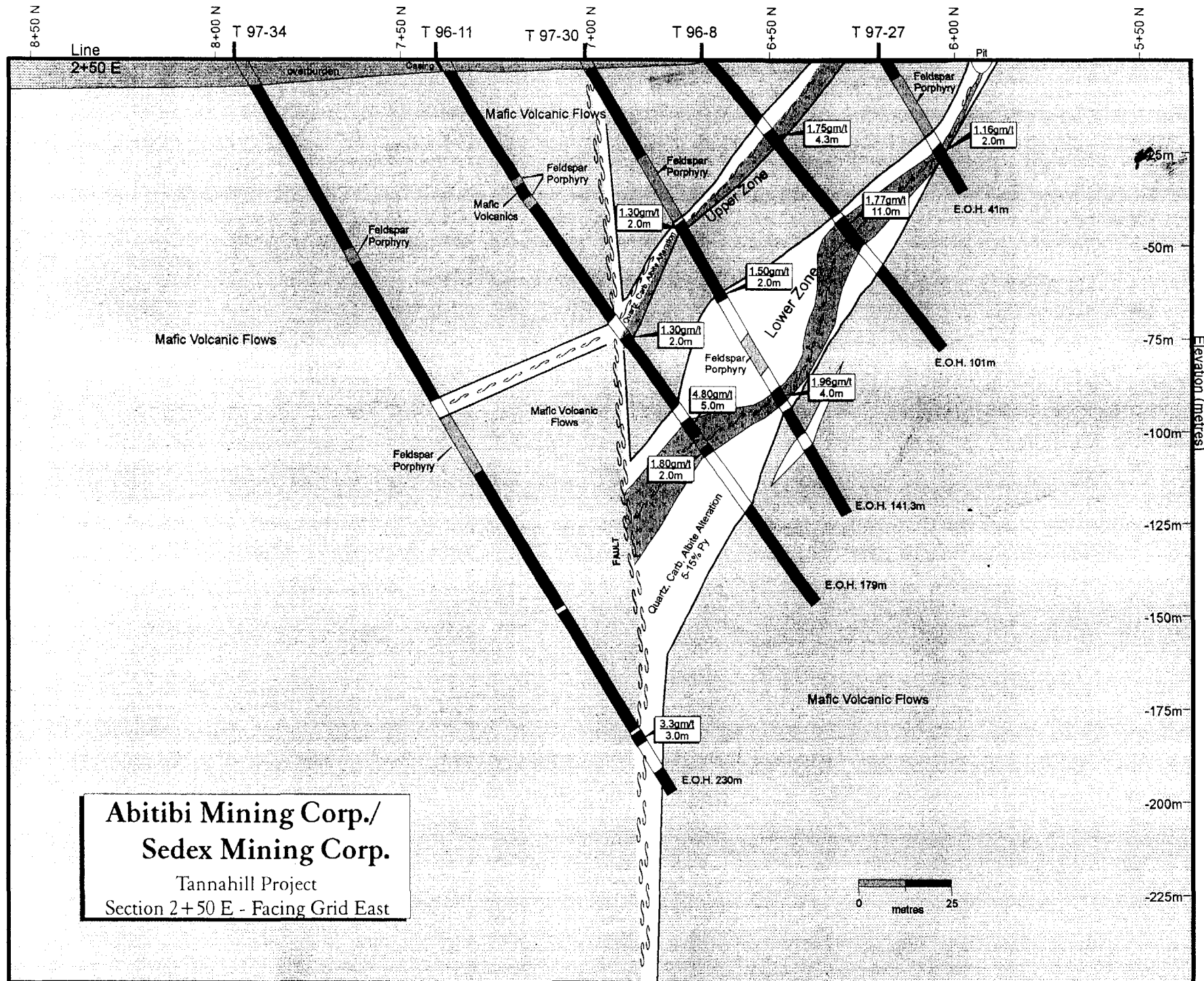


Figure 2

This anomaly shows very good strike continuity (better than the main zone), and appears extend along strike in both directions beyond the limits of he survey. The highest assay result from this anomaly was **45 PPB Au**. Several irregular shaped anomalies were also identified, notably on L 3+00 E / 2+00 S. This anomaly is significant because it is coincident with a highly magnetic syenite intrusion. The highest assay from the entire survey of **223 PPB Au**, was situated at L 3+00 E / 8+75 S.

RECOMMENDATIONS

Further work is recommended for the Tannahill Project. Back-hoe mechanical trenching is recommended to further evaluate the soil geochemical anomalies. The first priority should be the main zone structure along strike to the northeast and southwest. The additional anomalies should first be prospected and then trenched. Diamond drilling will be dependant upon the results of the prospecting and trenching.

REFERENCES

OGS report 165 with colour map 2367. Geophysical Map 80610.

Assessment Reports

Report #	Company	Year	Type of work	Results
1802	McCasky J.A.	1936	Trenching	Au assays
501	Clarke R.M.	1978	Trenching	
615	Crossan P.	1980	Trenching, 1 DDH	Low Au assays
1772	Mathia I.	1985	Trenching	Low Au assays
999	Obradovich T.	1989	Mapping	
834	Falconbridge	1991	Magnetometer	
3783	Obradovich T.	1995	Linecutting, geophysics	
	Sedex/Abitibi	1998	Diamond Drilling	

CERTIFICATE OF QUALIFICATIONS

I, **Todd Keast**, of 1204 Grace Ave., Porcupine, Ontario, do hereby certify that:

1. I am the author of this report.
2. I am a graduate of the University of Manitoba, Winnipeg, Manitoba, having received an Honors Bachelor of Science (Geology), in 1986.
3. I have practiced in the field of mineral exploration since 1987, for a number of exploration companies throughout Manitoba, Ontario, and Quebec.
4. I am a Fellow of the Geological Association of Canada.
5. I am a member of the Canadian Institute of Mining and Metallurgy.
6. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
7. I have not received nor do I expect to receive any interest in the Tannahill Project.

Dated at Porcupine, Ontario this 25th day of February 1999.

A handwritten signature in cursive script that reads "Todd Keast". The signature is written in black ink and is positioned above the typed name.

Todd Keast, B.Sc., FGAC

APPENDIX I

Assay Certificates

1



Swastika Laboratories

A Division of TSI/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Page 1 of 3

Geochemical Analysis Certificate

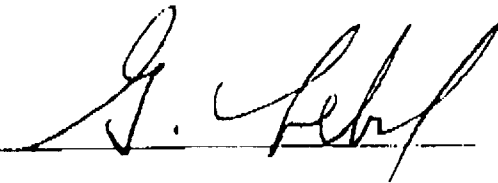
7W-2893-SG1

Company: **T. OBRADOVICH**
Project: **Tannahill**
Anal: **T. Obradovich**

Date: JUL-29-97

We hereby certify the following Geochemical Analysis of 67 Soil samples submitted JUL-11-97 by .

Sample Number	Au PPD	Au Check PPD
1	2	-
2	10	-
3	2	-
4	2	3
5	10	-
6	3	-
7	2	-
8	3	-
9	2	-
10	15	3
11	5	-
12	2	-
13	2	-
14	2	Ni
15	2	-
16	3	-
17	2	-
18	2	-
19	5	-
20	3	-
21	10	-
22	9	-
23	2	-
24	7	-
25	5	-
26	9	7
27	5	-
28	9	-
29	3	-
30	7	-

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Page 2 of 3

Geochemical Analysis Certificate


7W-2893-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: JUL-29-97

We hereby certify the following Geochemical Analysis of 67 Soil samples submitted JUL-11-97 by .

Sample Number	Au PPB	Au Check PPB
31	2	14
32	2	-
33	2	-
34	5	-
35	3	-
36	2	-
37	2	Nil
38	10	2
39	2	-
65	3	-
66	2	-
67	2	-
68	5	-
69	3	-
70	5	-
71	5	-
72	Nil	2
73	5	-
74	10	9
75	6	-
76	5	-
77	7	-
78	3	-
79	7	-
80	14	2
81	2	-
82	5	-
83	2	-
84	Nil	-
85	5	-

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Page 3 of 3

Geochemical Analysis Certificate

7W-2893-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: JUL-29-97

We hereby certify the following Geochemical Analysis of 67 Soil samples submitted JUL-11-97 by .

Sample Number	Au PPB	Au Check PPB
86	2	-
87	3	-
88	2	-
89	Ni I	-
90	3	-
91	Ni I	-
92	Ni I	-

Certified by _____



Swastika Laboratories

A Division of TSL/Analyers Inc.

Assaying - Consulting - Representation

Page 1 of 2

Established 1928

7W-2894-SGJ

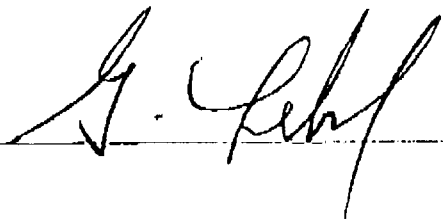
Geochemical Analysis Certificate

Date: JUL-29-97

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 56 Soil samples submitted JUL-11-97 by .

Sample Number	Au PPB	Au Check PPB
97	Nil	-
98	2	-
99	5	-
100	3	-
101	5	-
102	2	-
103	3	-
105	5	2
106	2	-
107	3	-
108	3	7
109	3	-
110	5	-
111	3	-
112	3	-
113	3	-
114	3	-
115	7	-
116	5	-
117	3	-
118	3	-
119	Nil	-
120	5	-
121	5	-
122	2	-
301	3	-
302	3	-
303	10	9
304	2	-
305	2	-

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Page 2 of 2

Geochemical Analysis Certificate

7W-2894-SG1

Company: **T. OBRADOVICH**

Date: JUL-29-97

Project: Tamahill

Anal: T. Obradovich

We hereby certify the following Geochemical Analysis of 56 Soil samples submitted JUL-11-97 by .

Sample Number	Au PPB	Au Check PPB
306	15	12
307	9	-
308	6	-
309	2	-
310	3	-
311	10	-
312	7	-
313	7	-
314	5	9
315	3	-
316	5	3
317	2	-
318	5	-
319	2	-
320	7	2
321	3	-
322	3	-
323	5	-
324	2	-
325	2	-
326	5	-
327	3	-
328	3	-
329	3	-
330	3	-
331	2	-

Certified by

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

Telephone (705) 612 2244 Fax (705) 612 2200



Swastika Laboratories

A Division of TSI/Ankayern Inc.

Assaying - Consulting - Representation

Page 1 of 2

Established 1928

7W-2895-SG1

Geochemical Analysis Certificate

Company: **T. OBRADOVICH**
 Project: Tannahill
 Aim: T. Obradovich

Date: JUL-29-97

We hereby certify the following Geochemical Analysis of 60 Soil samples submitted JUL-11-97 by .

Sample Number	Au PPB	Au Check PPB
332	3	-
333	7	-
334	3	-
335	19	10
336	3	-
337	5	-
338	2	-
339	5	-
340	5	-
341	3	-
342	7	-
343	2	-
344	5	-
345	5	-
346	Nil	-
347	Nil	3
348	3	-
349	7	-
350	5	-
351	19	-
352	5	-
353	5	-
354	3	-
355	2	-
356	5	-
357	Nil	-
358	5	3
359	Nil	-
360	3	-
361	3	-

2.19439

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 2 of 2

Established 1928

Geochemical Analysis Certificate

7W-2895-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Ann: T. Obradovich

Date: JUL-29-97

We hereby certify the following Geochemical Analysis of 60 Soil samples submitted JUL-11-97 by .

Sample Number	Au PPB	Au Check PPB
362	2	-
363	7	-
364	2	-
365	3	-
366	3	2
367	3	-
368	Nil	-
369	5	-
370	3	-
371	5	2
372	2	-
373	7	-
374	Nil	-
375	3	-
376	5	-
377	5	-
378	5	12
379	2	-
380	3	-
381	5	-
382	Nil	-
383	Nil	-
384	2	-
385	2	-
386	2	-
387	7	7
388	2	-
389	Nil	-
390	3	-
391	7	-

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Page 1 of 2

Geochemical Analysis Certificate

7W-2896-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Anal: T. Obradovich

Date: JUL-30-97

We hereby certify the following Geochemical Analysis of 59 Soil samples submitted JUL-11-97 by .

Sample Number	Au PPB	Au Check PPB
392	3	5
393	7	-
394	2	-
395	5	-
396	5	-
397	3	-
398	7	-
399	2	-
400	3	-
401	2	-
402	2	-
403	7	-
404	5	-
405	5	-
406	3	-
407	15	12
408	2	-
409	14	-
410	3	-
411	2	-
412	3	-
413	5	-
414	3	-
415	5	-
416	3	-
417	2	-
418	2	5
419	7	-
420	7	-
421	5	-

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 2 of 2

Established 1928

Geochemical Analysis Certificate

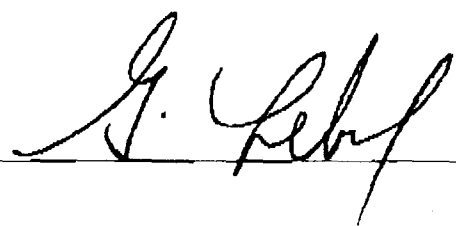
7W-2896-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Att: T. Obradovich

Date: JUL-30-97

We hereby certify the following Geochemical Analysis of 59 Soil samples submitted JUL-11-97 by .

Sample Number	Au PPB	Au Check PPB
422	3	-
423	3	-
424	5	-
425	2	-
426	2	3
427	3	-
428	2	-
429	5	-
430	3	-
431	7	-
432	3	-
433	2	-
434	9	-
435	2	-
436	7	-
437	2	-
438	3	3
439	Nil	-
440	2	-
441	Nil	-
442	5	-
443	5	-
444	3	2
445	2	-
446	7	3
447	3	-
448	2	-
449	3	-
450	5	-

Certified by 



Swastika Laboratories

A Division of TSL/Analyers Inc.

Assaying - Consulting - Representation

Page 1 of 2

Established 1928

Geochemical Analysis Certificate

7W-2897-SG1

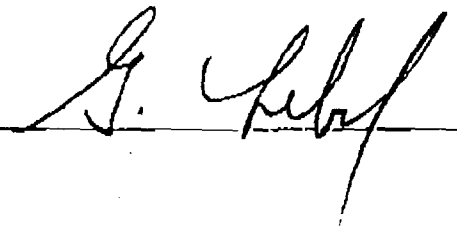
Company: **T. OBRADOVICH**
 Project: Tannahill
 Anal: T. Obradovich

Date: JUL-30-97

We hereby certify the following Geochemical Analysis of 45 Soil samples submitted JUL-11-97 by .

Sample Number	Au PPB	Au Check PPB
451	7	3
452	3	3
453	2	-
454	2	-
455	5	-
456	2	-
457	2	-
458	7	-
459	5	-
460	7	-
461	5	-
462	Nil	-
463	2	-
464	17	7
465	7	-
466	5	-
467	3	-
468	2	-
469	10	-
470	3	-
472	2	7
473	2	-
474	3	-
475	3	-
476	7	-
477	3	-
478	9	-
479	5	2
480	Nil	-
481	10	-

Certified by





Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying • Consulting - Representation

Established 1928

Page 2 of 2

Geochemical Analysis Certificate


7W-2897-SG1

Company: **T. OBRADOVICII**
Project: Tannahill
Attn: T. Obradovich

Date: JUL-30-97

We hereby certify the following Geochemical Analysis of 45 Soil samples submitted JUL-11-97 by .

Sample Number	Au PPB	Au Check PPB
482	7	-
483	Nil	-
484	3	-
485	3	7
486	5	-
487	3	-
488	5	-
489	3	-
490	3	-
491	5	-
492	2	-
493	2	-
494	3	-
495	2	-
496	2	3

Certified by 



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 1 of 3

Geochemical Analysis Certificate

7W-2977-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: JUL-31-97

We hereby certify the following Geochemical Analysis of 72 Soil samples submitted JUL-17-97 by .

Sample Number	Au PPB	Au Check PPB
500	Nil	-
501	3	-
502	5	3
503	3	-
504	2	-
505	2	-
506	3	-
507	Nil	-
508	5	-
509	2	7
510	5	-
511	2	-
512	2	-
513	5	-
514	3	-
515	2	-
516	7	5
517	Nil	-
518	Nil	-
519	2	-
520	3	-
521	3	-
522	Nil	-
523	2	-
524	2	-
525	3	-
526	3	-
527	3	-
528	9	-
529	7	14

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 2 of 3

Geochemical Analysis Certificate

7W-2977-SG1

Company: **T. OBRADOVICH**

Date: JUL-31-97

Project: Tannahill

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 72 Soil samples submitted JUL-17-97 by .

Sample Number	Au PPB	Au Check PPB
530	3	9
531	3	-
532	2	-
533	5	-
534	5	-
535	2	-
536	2	-
537	3	-
538	5	2
539	2	-
540	3	-
541	Nil	-
542	Nil	-
543	3	-
544	3	-
545	2	-
546	3	2
547	Nil	-
548	2	-
549	3	-
550	3	-
551	5	-
552	5	-
553	2	-
554	3	3
555	3	-
556	3	-
557	2	-
558	3	-
559	5	-

Certified by

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

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



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 3 of 3

Geochemical Analysis Certificate

7W-2977-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: JUL-31-97

We hereby certify the following Geochemical Analysis of 72 Soil samples submitted JUL-17-97 by .

Sample Number	Au PPB	Au Check PPB
560	2	-
561	5	-
562	5	-
563	2	-
564	5	-
565	Ni 1	2
566	7	-
567	2	-
568	2	-
569	5	2
570	3	-
571	3	-

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 1 of 3

Geochemical Analysis Certificate

7W-2978-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: AUG-01-97

We hereby certify the following Geochemical Analysis of 71 Soil samples submitted JUL-17-97 by .

Sample Number	Au PPB	Au Check PPB
572	22	34
573	3	-
574	7	3
575	3	-
576	Nil	-
577	2	-
578	5	-
579	2	-
580	2	-
581	Nil	-
582	Nil	-
582A	2	-
583	Nil	-
584	2	-
585	3	-
586	2	-
587	2	3
588	3	-
589	2	-
590	2	-
591	3	-
592	3	-
593	Nil	-
594	2	-
595	2	3
596	5	-
597	3	-
598	3	-
599	3	-
600	3	-

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 2 of 3

Geochemical Analysis Certificate

7W-2978-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: AUG-01-97

We hereby certify the following Geochemical Analysis of 71 Soil samples submitted JUL-17-97 by .

Sample Number	Au PPB	Au Check PPB
601	2	2
602	2	-
603	5	-
604	7	-
605	3	-
606	Ni 1	-
607	Ni 1	-
608	2	-
609	3	-
610	3	-
611	2	-
612	2	-
613	2	-
614	3	-
615	3	2
616	5	-
617	5	-
618	7	-
619	3	-
620	2	-
621	Ni 1	-
622	10	-
623	5	3
624	10	-
625	3	-
626	2	-
627	3	-
628	3	-
629	2	-
630	5	3

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 3 of 3

Geochemical Analysis Certificate

7W-2978-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: AUG-01-97

We hereby certify the following Geochemical Analysis of 71 Soil samples submitted JUL-17-97 by .

Sample Number	Au PPB	Au Check PPB
631	3	-
632	2	-
633	3	-
634	2	-
635	2	-
636	2	-
637	Ni 1	3
638	Ni 1	-
639	2	-
640	2	-
641	2	-

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

7W-2979-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: AUG-01-97

We hereby certify the following Geochemical Analysis of 49 Soil samples submitted JUL-17-97 by .

Sample Number	Au PPB	Au Check PPB
642	9	-
643	5	-
644	3	-
645	2	-
646	2	-
647	5	-
648	3	3
649	3	-
650	7	-
651	5	-
652	2	-
653	3	-
654	3	-
655	5	-
656	3	-
657	7	5
658	2	-
659	2	-
660	3	-
661	2	-
662	7	-
663	Nil	-
664	3	-
665	2	-
666	5	2
667	2	-
668	Nil	-
669	3	-
670	2	-
671	Nil	-

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 2 of 2

Geochemical Analysis Certificate

7W-2979-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: AUG-01-97

We hereby certify the following Geochemical Analysis of 49 Soil samples submitted JUL-17-97 by .

Sample Number	Au PPB	Au Check PPB
672	3	-
700	Nil	3
701	2	-
702	5	-
703	3	-
704	7	-
705	5	-
706	3	-
707	3	-
708	2	-
709	2	-
710	45	29
711	19	-
712	Nil	-
713	Nil	-
714	Nil	Nil
715	3	-
716	3	-
717	Nil	-

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 1 of 3

Geochemical Analysis Certificate

7W-3065-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: AUG-06-97

We hereby certify the following Geochemical Analysis of 69 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
471	5	-
673	7	3
674	3	-
675	5	-
676	2	-
677	3	-
678	2	-
679	2	-
680	7	-
681	2	-
682	5	-
683	3	-
684	2	-
685	3	-
686	7	5
687	7	-
688	2	-
689	14	-
690	15	7
691	3	-
692	12	-
693	3	-
694	Nil	-
695	5	-
696	.5	-
697	2	-
698	2	-
699	9	10
718	2	-
719	2	-

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 2 of 3

Geochemical Analysis Certificate

7W-3065-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: AUG-06-97

We hereby certify the following Geochemical Analysis of 69 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
720	Nil	-
721	2	-
722	3	-
723	3	-
724	3	-
725	2	2
726	5	-
727	2	-
728	5	-
729	7	-
730	5	-
731	3	-
732	10	-
733	5	-
734	Nil	-
735	5	9
736	3	-
737	2	-
738	Nil	-
739	2	-
740	Nil	-
741	3	-
742	2	-
743	5	-
744	Nil	-
745	2	-
746	2	2
747	7	-
748	3	-
749	2	-

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 3 of 3

Geochemical Analysis Certificate

7W-3065-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: AUG-06-97

We hereby certify the following Geochemical Analysis of 69 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
750	2	-
751	2	-
752	10	-
753	3	9
754	3	-
755	2	-
756	5	-
757	Nil	-
758	7	-

Certified by _____



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 1 of 3

Geochemical Analysis Certificate

7W-3066-SG1

Company: **T. OBRADOVICH**

Project: Tannahill

Attn: T. Obradovich

Date: AUG-06-97

We hereby certify the following Geochemical Analysis of 74 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
759	2	-
760	2	-
761	3	-
762	2	-
763	2	2
764	3	-
765	2	-
766	5	-
767	5	-
768	2	-
769	2	-
770	2	-
771	3	-
772	2	3
773	3	-
774	2	-
775	2	-
776	5	-
777	5	-
778	5	-
779	3	-
780	5	3
781	Nil	-
782	2	-
783	Nil	-
784	Nil	-
785	3	-
786	2	-
787	3	-
788	2	-

Certified by



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 2 of 3

7W-3066-SG1

Date: AUG-06-97

Geochemical Analysis Certificate

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 74 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
789	2	-
790	2	-
791	5	-
792	3	-
793	3	-
794	Nil	-
795	2	-
796	Nil	-
797	2	Nil
798	Nil	-
799	Nil	-
800	2	-
801	Nil	-
802	2	-
803	Nil	-
804	Nil	-
805	Nil	-
806	Nil	-
807	2	2
808	Nil	-
809	3	-
810	Nil	-
811	12	7
812	3	-
813	Nil	-
814	2	-
815	2	-
816	5	-
817	2	-
818	2	-

Certified by _____



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 3 of 3

Geochemical Analysis Certificate

7W-3066-SG1

Company: **T. OBRADOVICH**

Project: Tannahill

Attn: T. Obradovich

Date: AUG-06-97

We hereby certify the following Geochemical Analysis of 74 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
819	3	-
820	3	-
821	2	-
822	2	-
823	3	-
824	3	-
825	2	-
826	Nil	-
827	Nil	-
828	2	-
829	3	7
830	3	-
831	3	-
832	3	-

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 2 of 3

Established 1928

Geochemical Analysis Certificate

7W-3067-SG1

Company: **T. OBRADOVICH**

Date: AUG-07-97

Project: Tannahill

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 77 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
863	Nil	-
864	2	-
865	5	-
866	Nil	-
867	Nil	-
868	2	-
869	Nil	-
870	2	-
871	3	3
872	14	-
873	3	-
874	3	-
875	3	-
876	223	278
877	5	-
878	3	-
900	Nil	-
901	2	-
902	12	-
903	2	-
904	Nil	-
905	Nil	-
906	15	-
907	2	-
908	3	-
909	5	-
910	9	7
911	2	-
912	2	-
913	2	-

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 3 of 3

Established 1928

7W-3067-SG1

Geochemical Analysis Certificate

Date: AUG-07-97

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 77 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
914	2	-
915	Nil	-
916	3	-
917	Nil	-
918	3	-
919	2	-
920	3	-
921	7	-
922	3	-
923	3	-
924	3	-
925	3	-
926	3	-
927	2	-
928	Nil	-
929	5	2
930	2	-

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 1 of 3

Established 1928

Geochemical Analysis Certificate

7W-3068-SG1

Company: **T. OBRADOVICH**

Date: AUG-08-97

Project: Tannahill

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis, of 64 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
931	Nil	-
932	2	-
933	7	5
934	2	-
935	Nil	-
936	Nil	-
937	Nil	-
938	2	-
939	3	-
940	3	-
941	2	-
942	2	-
943	7	10
944	Nil	-
945	3	-
946	2	-
947	5	-
948	3	-
949	7	5
950	3	-
951	2	-
952	2	-
953	3	-
954	2	-
955	5	-
956	3	-
957	Nil	-
958	Nil	-
959	5	-
960	2	-

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 2 of 3

Established 1928

Geochemical Analysis Certificate

7W-3068-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: AUG-08-97

We hereby certify the following Geochemical Analysis of 64 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
961	Nil	-
962	Nil	-
963	2	-
964	Nil	-
965	2	Nil
966	Nil	-
967	3	-
968	5	-
969	3	-
970	3	-
971	7	-
972	10	5
973	2	-
974	5	-
975	Nil	-
976	2	-
977	Nil	Nil
978	5	-
979	Nil	-
980	Nil	-
981	Nil	-
982	Nil	-
983	Nil	-
984	Nil	-
985	Nil	2
986	Nil	-
987	Nil	-
988	Nil	-
989	Nil	-
990	2	-

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 3 of 3

Established 1928

Geochemical Analysis Certificate

7W-3068-SG1

Company: **T. OBRADOVICH**

Project: Tannahill

Attn: T. Obradovich

Date: AUG-08-97

We hereby certify the following Geochemical Analysis of 64 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
991	Nil	Nil
992	2	-
993	2	-
994	Nil	-

Certified by _____



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 1 of 3

Geochemical Analysis Certificate

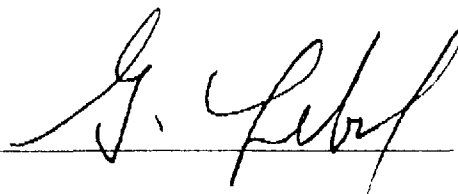
7W-3069-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: AUG-13-97

We hereby certify the following Geochemical Analysis of 73 Soil samples submitted JUL-29-97 by .

Sample Number	Au PPB	Au Check PPB
879	3	-
880	2	2
881	5	-
882	3	-
883	2	-
884	3	-
885	3	-
886	7	-
887	5	-
888	5	-
889	3	-
890	9	-
891	Nil	-
892	5	9
893	7	-
894	12	-
895	5	-
896	7	-
897	5	-
898	3	-
899	5	-
995	3	-
996	10	-
997	7	3
998	14	-
999	5	-
1000	2	-
1001	5	-
1002	5	-
1003	5	-

Certified by 



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 2 of 3

Geochemical Analysis Certificate

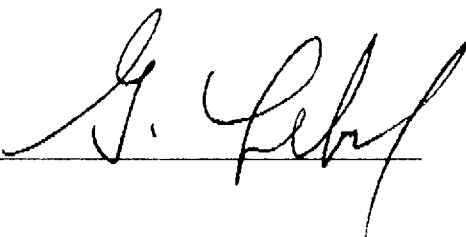
7W-3069-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: AUG-13-97

We hereby certify the following Geochemical Analysis of 73 Soil samples submitted JUL-29-97 by .

Sample Number	Au PPB	Au Check PPB
1004	5	3
1005	10	-
1006	3	-
1007	2	-
1008	3	-
1009	2	-
1010	3	7
1011	3	-
1012	5	-
1013	3	-
1014	5	-
1015	3	-
1016	2	-
1017	2	3
1018	3	-
1019	5	-
1020	2	-
1021	2	-
1022	7	-
1023	2	-
1024	3	-
1025	Nil	-
1026	2	Nil
1027	Nil	-
1028	5	-
1029	3	3
1030	5	-
1031	7	-
1032	2	-
1033	3	-

Certified by 



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 3 of 3

Geochemical Analysis Certificate

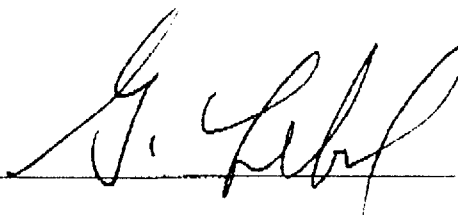
7W-3069-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: AUG-13-97

We hereby certify the following Geochemical Analysis of 73 Soil samples submitted JUL-29-97 by .

Sample Number	Au PPB	Au Check PPB
1034	3	-
1035	5	-
1036	2	2
1037	3	-
1038	Nil	-
1039	3	2
1040	2	-
1041	2	-
1042	2	-
1043	3	-
1044	2	-
1045	Nil	-
1046	3	-

Certified by 



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 1 of 3

7W-3070-SG1

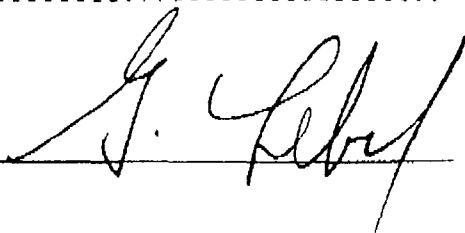
Date: AUG-14-97

Geochemical Analysis Certificate

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 67 Soil samples submitted JUL-29-97 by .

Sample Number	Au PPB	Au Check PPB
1047	2	-
1048	Nil	-
1049	Nil	-
1050	2	-
1051	5	2
1052	Nil	-
1053	3	-
1054	5	-
1055	2	-
1056	Nil	-
1057	2	-
1058	3	-
1059	Nil	-
1060	Nil	-
1061	2	2
1062	Nil	-
1063	3	-
1064	2	-
1065	3	-
1066	3	-
1067	5	-
1068	3	-
1069	2	-
1070	3	-
1071	3	3
1072	7	-
1073	7	-
1074	5	-
1075	2	3
1076	Nil	-

Certified by 



Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1928

Page 2 of 3

Geochemical Analysis Certificate

7W-3070-SG1

Company: **T. OBRADOVICH**

Date: AUG-14-97

Project: Tannahill

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 67 Soil samples submitted JUL-29-97 by .

Sample Number	Au PPB	Au Check PPB
1077	2	-
1078	5	-
1079	5	-
1080	2	-
1100	5	-
1101	3	-
1102	3	-
1103	5	7
1104	7	-
1105	3	-
1106	5	-
1107	5	-
1108	3	-
1109	12	17
1110	5	-
1111	7	-
1112	3	-
1113	3	-
1114	3	-
1115	7	-
1116	5	5
1117	7	-
1118	3	-
1119	3	-
1120	3	-
1121	2	-
1122	5	-
1123	3	-
1124	9	12
1125	2	-

Certified by _____



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 3 of 3

Geochemical Analysis Certificate

7W-3070-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: AUG-14-97

We hereby certify the following Geochemical Analysis of 67 Soil samples submitted JUL-29-97 by .

Sample Number	Au PPB	Au Check PPB
1126	2	-
1127	Nil	-
1128	Nil	-
1129	2	-
1130	2	2
1131	Nil	-
1132	Nil	-

Certified by

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



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

7W-3071-SG1

Company: **T. OBRADOVICH**

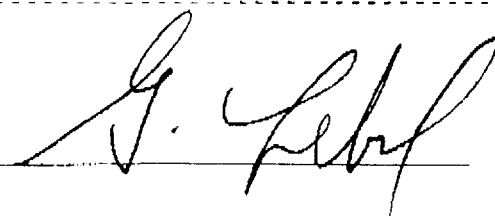
Date: AUG-15-97

Project: Tannahill

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 52 Soil samples submitted JUL-29-97 by .

Sample Number	Au PPB	Au Check PPB
1133	5	-
1134	3	-
1135	3	-
1136	9	-
1137	2	-
1138	3	5
1139	2	-
1140	Nil	-
1141	Nil	-
1142	Nil	-
1143	Nil	-
1144	Nil	-
1145	Nil	-
1146	10	7
1147	3	-
1148	Nil	-
1149	Nil	-
1150	-	-
1151	2	-
1152	Nil	-
1153	Nil	-
1154	Nil	-
1155	Nil	-
1156	Nil	-
1157	17	15
1158	Nil	-
1159	Nil	-
1160	Nil	-
1161	Nil	-
1162	Nil	-

Certified by 



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 2 of 2

Geochemical Analysis Certificate

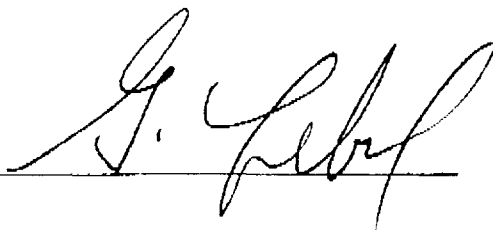
7W-3071-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: AUG-15-97

We hereby certify the following Geochemical Analysis of 52 Soil samples submitted JUL-29-97 by .

Sample Number	Au PPB	Au Check PPB
1163	Nil	-
1164	Nil	-
1165	2	-
1166	3	-
1167	2	3
1168	2	-
1169	2	-
1170	Nil	-
1171	Nil	-
1172	Nil	-
1173	Nil	-
1174	3	3
1175	Nil	-
1176	Nil	-
1177	Nil	-
1178	Nil	-
1179	3	2
1180	2	-
1181	Nil	-
1182	Nil	-
1183	Nil	-
1184	Nil	-
1185	Nil	-

Certified by 



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 1 of 3

Geochemical Analysis Certificate

7W-3119-SG1

Company: **T. OBRADOVICH**
 Project: **Tannahill**
 Attn: **T. Obradovich**

Date: AUG-19-97

We hereby certify the following Geochemical Analysis of 90 Soil samples submitted AUG-01-97 by .

Sample Number	Au PPB	Au Check PPB
1081	2	-
1082	Nil	-
1083	2	-
1084	Nil	-
1085	2	-
1086	2	-
1087	10	-
1088	15	-
1089	3	-
1090	5	-
1091	2	Nil
1092	2	-
1093	3	-
1094	2	-
1095	3	-
1096	5	-
1097	3	-
1098	5	-
1099	2	3
1186	3	-
1187	3	-
1188	2	-
1189	5	-
1190	7	-
1191	3	-
1192	10	-
1193	7	3
1194	3	-
1195	3	-
1196	3	-

Certified by

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

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



Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1924

Page 2 of 3

Geochemical Analysis Certificate

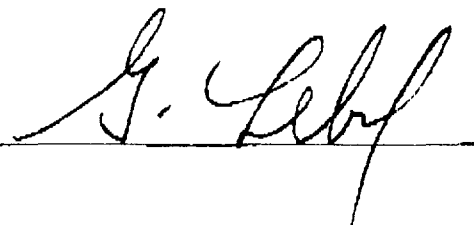
7W-3119-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Anal: T. Obradovich

Date: AUG-19-97

We hereby certify the following Geochemical Analysis of 90 Soil samples submitted AUG-01-97 by .

Sample Number	Au PPB	Au Check PPB
1197	5	-
1198	5	-
1199	5	-
1200	3	-
1201	2	3
1202	2	-
1203	2	-
1204	5	-
1205	3	2
1206	5	-
1207	9	-
1208	3	-
1209	5	-
1210	5	-
1211	5	-
1212	3	-
1213	2	-
1214	12	-
1215	3	-
1216	5	-
1217	9	-
1218	3	-
1219	2	-
1220	2	-
1221	5	10
1222	Ni 1	-
1223	5	-
1224	2	-
1225	7	-
1226	9	-

Certified by 

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



Established 1988

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 3 of 3

Geochemical Analysis Certificate

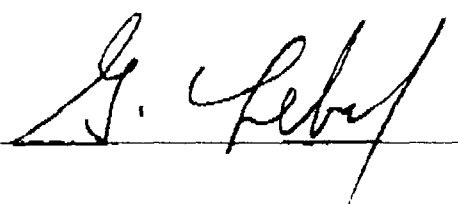
7W-3119-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: AUG-19-97

We hereby certify the following Geochemical Analysis of 90 Soil samples submitted AUG-01-97 by .

Sample Number	Au PPB	Au Check PPB
1227	12	14
1228	5	-
1300	12	-
1301	Nil	-
1302	3	-
1303	Nil	-
1304	3	-
1305	2	-
1306	2	-
1307	7	-
1308	2	-
1309	10	9
1310	Nil	-
1311	Nil	Nil
1312	2	-
1313	3	-
1314	7	-
1315	Nil	-
1316	Nil	-
1317	Nil	-
1318	2	-
1319	3	-
1320	2	-
1321	2	-
1322	2	-
1323	3	-
1324	2	2
1325	2	-
1326	3	-
1327	2	-

Certified by 



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

7W-3272-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Att: T. Ohradovich

Date: AUG-19-97

We hereby certify the following Geochemical Analysis of 15 Soil samples submitted AUG-07-97 by .

Sample Number	Au PPB	Au Check PPB
1229	3	5
1230	5	-
1231	7	-
1232	7	-
1233	7	5
1234	7	-
1235	5	-
1236	5	-
1237	14	9
1238	9	-
1239	3	-
1240	5	-
1241	3	-
1242	2	-
1243	2	-

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3744 Fax (705)642-3300



Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

7W-3379-SG1

Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: AUG-27-97

We hereby certify the following Geochemical Analysis of 61 Soil samples submitted AUG-22-97 by .

Sample Number	Au PPB	Au Check PPB
1400	5	-
1401	2	-
1402	5	-
1403	3	-
1404	Nil	-
1405	3	3
1406	Nil	-
1407	Nil	-
1408	2	-
1409	3	-
1410	Nil	-
1411	7	5
1412	2	-
1413	3	-
1414	2	-
1415	9	7
1416	2	-
1417	14	17
1418	3	-
1419	5	-
1420	2	-
1421	2	2
1422	2	-
1423	Nil	-
1424	Nil	-
1425	3	-
1426	17	9
1427	10	-
1500	2	-
1501	2	-

Certified by



Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1928

Page 2 of 2

Geochemical Analysis Certificate

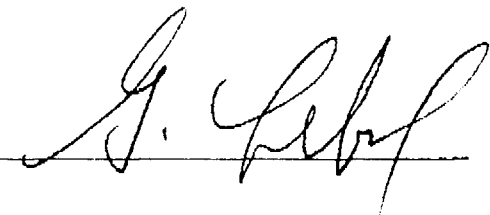
7W-3379-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: AUG-27-97

We hereby certify the following Geochemical Analysis of 61 Soil samples submitted AUG-22-97 by .

Sample Number	Au PPB	Au Check PPB
1502	2	-
1503	Nil	-
1504	3	-
1505	5	-
1506	3	-
1507	2	-
1508	3	-
1509	Nil	-
1510	Nil	2
1511	Nil	-
1512	Nil	-
1513	3	-
1514	10	7
1515	7	5
1516	2	-
1517	3	-
1518	3	-
1519	Nil	-
1520	3	-
1521	2	3
1522	2	-
1523	Nil	-
1524	3	-
1525	Nil	-
1526	2	-
1527	3	-
1528	2	-
1529	2	-
1530	5	-
1531	2	-
1532	9	7

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

7W-3417-SG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: SEP-03-97

We hereby certify the following Geochemical Analysis of 34 Soil samples submitted AUG-26-97 by .

Sample Number	Au PPB	Au Check PPB
1533	3	-
1534	Nil	-
1535	Nil	-
1536	Nil	-
1537	2	-
1538	5	-
1539	Nil	-
1540	3	-
1541	Nil	2
1542	2	-
1543	Nil	-
1544	3	-
1545	3	-
1546	Nil	-
1547	3	-
1548	5	10
1600	5	-
1601	Nil	-
1602	2	-
1603	2	-
1604	3	-
1605	3	-
1606	5	-
1607	3	-
1608	Nil	-
1609	7	-
1610	3	-
1611	7	2
1612	2	-
1613	Nil	-

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 2 of 2

Geochemical Analysis Certificate

7W-3417-SG1

Company: **T. OBRADOVICH**

Date: SEP-03-97

Project: Tannahill

Att: T. Obradovich

We hereby certify the following Geochemical Analysis of 34 Soil samples submitted AUG-26-97 by .

Sample Number	Au PPB	Au Check PPB
1614	3	-
1615	Nil	-
1616	7	-
1617	Nil	-

2.19439

Certified by _____



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

TW-2319-SG1

Company: **SEDEX ABITIBI CORPORATION**

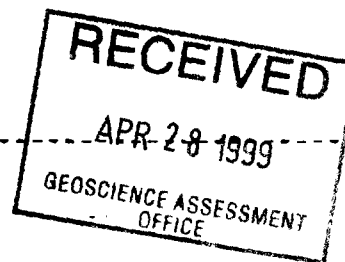
Date: JUN-19-97

Project: Tannahill

Ann: T. Obradovich

We hereby certify the following Geochemical Analysis of 28 Soil samples submitted JUN-09-97 by .

Sample Number	Au PPB	Au Check PPB
4+00E 4+07N	Nil	-
4+00E 4+13N	17	-
4+00E 4+25N	3	-
4+00E 4+39N	9	5
4+00E 4+53N	Nil	-
4+00E 4+63N	Nil	-
3+95E 4+75N	2	-
4+00E 4+88N	Nil	-
4+00E 5+00N	Nil	-
3+80E 5+13N	5	-
4+10E 5+25N	21	24
4+07E 5+38N	Nil	-
4+05E 5+50n	12	-
4+05E 5+63N	5	-
4+00E 5+75N	Nil	-
4+21E 5+90N	Nil	-
4+00E 6+38N	9	-
4+05E 6+50N	5	-
4+15E 6+61N	Nil	3
4+06E 6+75N	5	-
4+06E 6+88N	2	-
4+21E 7+00N	Nil	-
4+06E 7+13N	Nil	-
4+07E 7+40N	Nil	-
4+05E 7+50N	Nil	-
4+10E 7+63N	Nil	Nil
4+06E 7+75N	Nil	-
3+95E 8+00N	Nil	-



Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

TW-2318-SG1

Company: **SEDEX ABITIBI CORPORATION**
 Project: Tannahill
 Ann: T. Obradovich

Date: JUN-19-97

We hereby certify the following Geochemical Analysis of 17 Soil samples submitted JUN-09-97 by .

Sample Number	Au PPB	Au Check PPB
3+00E 7+70N	2	-
3+00E 7+50N	2	-
3+07E 5+62.5N	3	-
3+03E 5+50N	Nil	-
2+95E 5+25N	Nil	Nil
2+95E 5+12.5N	Nil	-
3+00E 2+88?	2	-
3+56E 5+69N	3	-
3+50E 5+50N	5	-
3+60E 5+40N	2	-
3+45E 5+29N	2	-
3+55E 5+15N	Nil	-
3+50E 5+00N	Nil	-
3+50E 4+88N	Nil	Nil
3+50E 4+75N	Nil	-
3+50E 4+69N	2	-
3+57E 4+50N	Nil	-

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

7W-2317-SG1

Company: **SEDEX ABITIBI CORPORATION**
 Project: Tannahill
 Attn: T. Obradovich

Date: JUN-19-97

We hereby certify the following Geochemical Analysis of 21 Soil samples submitted JUN-09-97 by .

Sample Number	Au PPB	Au Check PPB
2+43E 7+62.5N	3	-
2+40E 7+50N	5	-
2+35E 7+37.5N	2	-
2+35E 7+25N	9	3
2+45E 7+12.5N	2	-
2+50E 7+00N	7	-
2+55E 6+87.5N	3	-
2+50E 6+75N	2	-
2+40E 6+62.5N	5	-
2+50E 6+50N	39	39
2+43E 6+37.5N	173	204
2+62E 6+12.5N	12	-
2+50E 6+00N	15	-
2+40E 5+87.5N	3	-
2+40E 5+75N	5	-
2+50E 5+67.5N	2	-
2+50E 5+50N	3	2
2+50E 5+37.5N	9	-
2+75E 5+25N	7	-
2+40E 4+25N	3	-
2+50E 4+11N Not Rec	-	-
2+50E 4+15N	Nil	-

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

7W-2316-SG1

Company: **SEDEX/ABITIBI**
 Project: **Tannahill**
 Attn: **T. Obradovich**

Date: JUN-18-97

We hereby certify the following Geochemical Analysis of 28 Soil samples submitted JUN-09-97 by .

Sample Number	Au PPB	Au Check PPB
2+00E 8+00N	3	-
2+00E 7+87.5N	3	-
2+00E 7+75N	5	-
2+00E 7+62.5N	Nil	2
1+85E 7+50N	2	-
2+00E 7+37.5N	5	-
1+85E 7+25N	2	-
2+08E 7+12.5N	2	-
2+00E 7+00N	2	-
2+00E 6+87.5N	Nil	-
2+10E 6+75N	7	-
2+00E 6+62.5N	3	-
2+00E 6+50N	2	-
1+95E 6+37.5N	5	-
2+00E 6+25N	2	-
2+00E 6+12.5N	14	3
1+75E 6+00N	3	-
2+00E 5+87.5N	3	-
2+00E 5+75N	22	46
2+00E 5+62.5N	5	-
2+05E 5+50N	Nil	-
2+00E 5+37.5N	5	-
2+00E 5+25N	2	-
2+00E 5+12.5N	Nil	-
1+93E 5+00N	Nil	-
1+85E 4+87.5N	5	-
1+79E 4+71N	Nil	-
1+75E 4+60N	Nil	-

Certified by Dennis Chantre



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

7W-2315-SG1

Company: **SEDEX/ABITIBI**
 Project: **Tannahill**
 Attn: **T. Obradovich**

Date: JUN-18-97

We hereby certify the following Geochemical Analysis of 29 Soil samples submitted JUN-09-97 by .

Sample Number	Au PPB	Au Check PPB
1+25E 8+00N	Nil	-
1+25E 7+87.5N	3	-
1+45E 7+75N	2	-
1+25E 7+62.5N	Nil	-
1+32E 7+50N	7	9
1+30E 7+37.5N	2	-
1+30E 7+25N	Nil	-
1+25E 7+12.5N	2	-
1+25E 7+00N	Nil	-
1+30E 6+87.3N	Nil	-
1+30E 6+75N	2	-
1+45E 6+63.5N	7	-
1+50E 6+37.5N	Nil	-
1+15E 6+12.5N	Nil	-
1+25E 6+00N	Nil	-
1+35E 5+87.5N	3	-
1+25E 5+75N	Nil	-
1+15E 5+66N	2	-
1+25E 5+37.5N	5	3
1+25E 5+25N	2	-
1+25E 5+12.5N	2	-
1+33E 5+00N	Nil	-
1+25E 4+87.5N	Nil	-
1+25E 4+75N	Nil	-
1+25E 4+62.5N	Nil	-
1+25E 4+50N	Nil	-
1+20E 4+37.5N	Nil	-
1+15E 4+15N	Nil	Nil
1+25E 4+00N	3	-

Certified by Denis Charte



32D05NE2012 2.19439 TANNAHILL

020

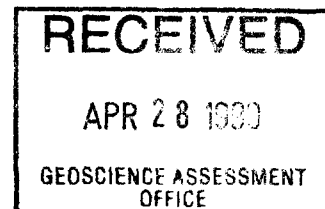
Sedex Mining Corp. / Abitibi Mining Corp.

Tannahill Project

Assessment Report on 1997 Trenching Program

NTS 32 D/5

2.19439



February 22, 1999

Todd Keast



TABLE OF CONTENTS

	Page
Introduction.....	1
Location and Access.....	1
Property.....	1
Previous Work.....	4
Regional Geology.....	5
Property Geology.....	6
Trenching Program	7
Recommendations.....	9
References.....	15
Certificate of Qualification.....	16

Figures

Figure 1	Project Location.....	2
Figure 2	Section.....	8

Tables

Table 1	Claim List.....	3
Table 2	Area Gold Production.....	6
Table 3	Assay Results	10

Appendices

Appendix I	Assay Certificates
------------	--------------------

Maps

Pocket 1	Trench Location Map
Pocket 2	Trench Sketches

INTRODUCTION

The Tannahill Project is situated 35 kilometers (km) northeast of Kirkland Lake Ontario, within Tannahill, Elliot, Clifford, and Ben Nevis townships of the Larder Lake Mining Division. During the period between August and September of 1997, a total of 1,470 linear metres of trenching were completed, with a total of 206 grab samples collected from the trenches. The purpose of the trenching program was to expose a known gold bearing structure previously identified in drilling, VFL surveys and soil surveys.

Trenches were planned along a substantial strike extent (1,200 m) of the structure. The trenching program successfully identified the gold bearing structure at a number of locations, with the highest sample returning **9.09 gm/t Au**. In addition several soil anomalies were trenched, with the highest assay of **1.71 gm/t Au** returned. Further exploration including additional soil surveys and diamond drilling is recommended to follow up on the known gold bearing structure and the other identified targets.

LOCATION AND ACCESS

The Tannahill Project is located 35 kilometres northeast of Kirkland Lake Ontario (**Figure 1**), in Tannahill and Elliot townships of the Larder Lake Mining Division. NTS 32 D/5. 48° 22' 80° 45', UTM 592500 E 5359500 N. Access to the Tannahill Project is gained by travelling approximately 15 km south along the Esker Lake Hwy 672 from the Hwy 101-672 intersection. Travel east for approximately 7.2km along logging road R-39.

PROPERTY

The Tannahill project consists of 47 claims (226 units) comprising 3,616 hectares, **Table 1**. The claims are situated within Tannahill, Elliot, and Ben Nevis Townships of the Larder Lake Mining Division.



Figure 1

TABLE 1

Claim #	Township	Units	Hectares	Expiry Date
L 1110715	Elliot	1	16	05/29/00
L 1110716	Elliot	1	16	05/29/00
L 1110717	Elliot	1	16	05/29/00
L 1110718	Elliot	1	16	05/29/00
L 1110719	Elliot	1	16	05/29/00
L 1110720	Elliot	1	16	05/29/00
L 1110721	Elliot	1	16	05/29/00
L 1110722	Elliot	1	16	05/29/00
L 1110723	Elliot	1	16	05/29/00
L 1110724	Elliot	1	16	05/29/00
L 1110725	Elliot	1	16	05/29/00
L 1110726	Elliot	1	16	05/29/00
L 1110729	Elliot	1	16	05/29/00
L 1110730	Elliot	1	16	05/29/99
L 1110756	Elliot	1	16	05/29/99
L 1110757	Elliot	1	16	05/29/99
L 1112143	Elliot	1	16	08/25/99
L 1112144	Tannahill	1	16	08/25/00
L 1112145	Tannahill	1	16	08/25/00
L 1112146	Tannahill	1	16	08/25/00
L 1200395	Tannahill	2	32	04/11/00
L 1202561	Tannahill	10	160	04/11/00
L 1202567	Tannahill	3	48	03/17/00
L 1211581	Tannahill	16	256	12/13/98
L 1211919	Tannahill	12	192	03/25/99
L 1213843	Tannahill	16	256	03/04/00
L 1213860	Tannahill	8	128	03/25/00
L 1213861	Tannahill	12	192	03/25/99
L 1213898	Elliot	9	144	04/04/00
L 1213899	Tannahill	9	144	04/04/00
L 1220219	Tannahill	1	16	12/13/98
L 1220240	Elliot	8	128	12/13/99

L 1220241	Elliot	15	240	12/13/99
L 1220246	Tannahill	12	192	12/13/99
L 1221671	Tannahill	4	64	10/25/99
L 1221672	Tannahill	8	128	10/25/99
L 1221673	Tannahill	15	240	10/25/99
L 1221799	Tannahill/Ben Nevis	5	80	01/17/99
L 1221803	Tannahill	15	240	01/17/99
L 1221859	Tannahill	12	192	03/03/99
L 1221860	Clifford	8	128	02/07/99
L 26639	Tannahill	1	15.28	Lease
L 26640	Tannahill	1	15.41	Lease
L 26641	Tannahill	1	16.96	Lease
L 26642	Tannahill	1	19.81	Lease
L 26643	Tannahill	1	16.95	Lease
L 26644	Tannahill	1	16.06	Lease
47 claims		226 units	3620.47 ha	

PREVIOUS WORK

Previous exploration in the area is limited. In 1931, V. Jordan staked the southwestern corner of Tannahill Township, 1980 metres northwest of Pinaws Lake. Surface trenching and prospecting was completed. V. Jordan did not report any further work.

In 1935 J. McClosky staked and optioned the property to Erie Canadian Mines Limited. Minor trenching and sampling was completed. Gold bearing quartz veins and syenite porphyry dikes cutting volcanic rocks are present. Quartz veins associated with a shear zone returned assays up to 29.00 gm/t Au. Erie Canadian did not report any further work on the property. The claims were brought to Lease status and prospected periodically, however no information is available on this work.

In 1991 G. Bastarache completed an IP survey, limited stripping and completed one diamond drill holes (96m). The drill hole intersected massive mafic flows, and feldspar porphyry dykes. Minor sulphides were reported. In 1995, two diamond drill holes (273.1 m) were completed. The drilling intersected massive flows, narrow silicified mineralized sections, diorite intrusions and feldspar porphyry. G. Bastarache did not report any further work.

In 1996 Otis J./Pacific Mariner Completed linecutting magnetometer surveys and limited IP surveys on claim L 1202567, L 1202561, L 1200395. The companies changed their names Abitibi Mining Corp. and Sedex Mining Corp. respectively.

Between 1996 and 1997 diamond drilling was completed in six separate phases for a total 6,171.16 metres. The majority of drilling was focussed on delineating the strike and dip extent of the Upper and Lower Zones. 11 holes tested a number of IP anomalies, which failed to intersect significant gold mineralization. Results and details of this work are included in Assessment Report on Diamond Drilling 1998. In 1997 a soil geochemical survey in conjunction with a VLF survey were completed over a portion of the property in order to delineate the gold bearing structure. Please refer to Assessment Report on Soil Surveys 1999 for details of this work.

REGIONAL GEOLOGY

The Tannahill Project is hosted in the Archean aged Blake River Group of the Abitibi subprovince. Volcanics rocks of the area are classified chemically as tholeiitic and calc-alkaline. They include a wide spectrum of rock types ranging from basalts to rhyolites. Intrusive rocks include gabbros, diorites and feldspar porphyries with scattered rare diabase dykes. Mapping in the region has identified a number of east west trending fold axis that lead to the repetition of units in a north south direction. Both the volcanics and intrusions have a relatively low magnetic signature, which makes interpretation from magnetic surveys difficult. Two Producing Mines and a number of sub-economic deposits exist in the Gold camp. They are summarized below in the following **Table 2**.

Table 2. Gold Production Holloway Gold Camp

Deposit	Company	Reserves	Production
Holt-McDermott	Barrick Gold	3,526,000 tons @6.9 gm/t Au	509,827 oz
Holloway J.V.	Battle Mountain & Teddy Bear Valley	4,961,000 ton @6.7 gm/t Au	
Golden Harker	Golden Harker	500,000 tons 0.16 oz/t	
Iris		790,000 tons 0.07 oz/t	
Garcon		350,000 tons 0.19 oz/t	
Buffonta		400,000 tons 0.15 oz/t	12,319

PROPERTY GEOLOGY

The Tannahill project is underlain by a wide sequence of calc-alkaline flows of predominantly basaltic and andesitic composition. The flows are generally massive, pillowed, or flow brecciated. Locally the flows are massive with a crystalline texture, and resemble a gabbroic intrusion. A large coarse grained syenite intrusion is situated in the southern portion of the project. A number of narrow syenite dykes radiate outwards from this intrusion, crosscutting stratigraphy. The syenite intrusion and the associated dykes are strongly magnetic and provide the only magnetic contrast in the volcanic sequence.

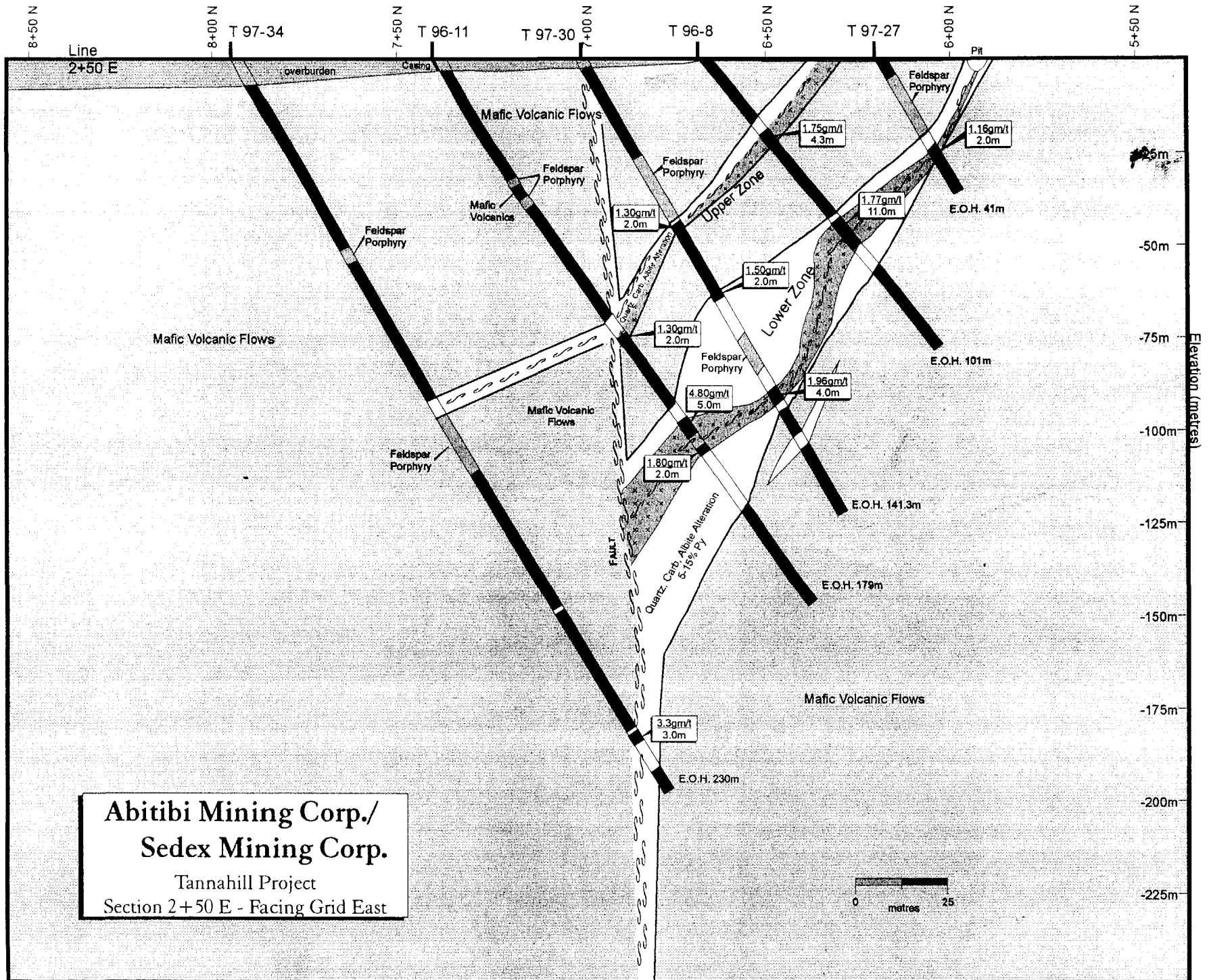
Drilling to date on the Tannahill Gold Zone has identified two close spaced parallel highly prospective north dipping gold bearing structures (2nd order structures) related to a large vertical structure (1st order structure). The gold bearing structures (Lower Zone and Upper Zone), consist of pervasive quartz-carbonate-albite alteration with 5-10% disseminated pyrite with variable quartz veining. Gold is hosted in sections of the pervasive alteration which contain greater than 5% quartz veins. The zones strike in a northeast/southwest direction and dip to the north at 60°.

The Lower Zone has returned the higher gold grades to date, including visible gold in four holes, and holds the greatest exploration potential. The Lower Zone shows continuity along strike and consistency in grade. It has been successfully intersected along 300 metres of strike length at the 25 and 50 metre levels, and may remain open in both directions. Grades and widths above the 50 metre level are generally 0.35 - 3.25 gm/t over widths ranging between 0.60 - 3.0 metres. At depth the zone widens significantly and the grades increase dramatically (**Figure 2**). Three holes below the 75 metre level along 100 metres of strike length have excellent widths with high gold grades (**5.16 gm/t / 5.0 metres** in T-96-9, **4.80 gm/t / 5.00 metres** in T-96-11, and **7.02 gm/t / 3.7 metres** in T-96-15). The Lower Zone intersects the 1st order vertical structure at approximately the 125 m vertical level. Gold mineralization has been identified in the 1st order vertical structure, however grades and widths are generally sub-economic. To date a total of 6,172 metres of drilling has been completed on the project

The vertical 1st order structure correlates with a VLF geophysical response, which correlates to the position of a major fault structure. Gold mineralization is controlled by the 1st order structure

TRENCHING PROGRAM

During the period between August and September of 1997, a trenching program was completed on the Tannahill Project. A total of 1,470 linear metres of trenching was completed in 20 separate trenches, with a total of 206 samples collected for gold analysis. The purpose of the trenching program was to expose a known gold bearing structure previously identified in diamond drilling programs, VFL surveys, and soil surveys. Trenches were planned along 1,200 metres of strike extent. The trenching program successfully identified the gold bearing structure, at a number of different locations with the highest sample of the survey returning **9.09 gm/t Au**. In addition several soil



**Abitibi Mining Corp./
Sedex Mining Corp.**
Tannahill Project
Section 2+50 E - Facing Grid East

Figure 2

anomalies were trenched. Assays from one of the trenched soil anomalies returned **1.71 gm/t Au**. Sketches of the individual trenches are included in the back pocket. Assay results from the trenches are included in **Table 3**. Assay certificates are included in **Appendix I**.

RECOMMENDATIONS

Further exploration including additional soil surveys and diamond drilling is recommended to follow up on the known gold bearing structure and the other identified targets.

Tannahill Project 1997 Trenching Program

Location				
Line	North/South	Sample #	Au PPB	Au gm/t
L 6+00 W	2+75 N	12196	9	
		12197	2	
		12198	5	
L 4+00 W	4+00 N	35442	86	
		35443	2	
		35444	-	
		35445	-	
		35446	-	
		35447	2	
		35448	3	
		35449	-	
		12169		
L 4+00 W	5+75 N	12190	-	
		12191	2	
		12192	-	
		12193	5	
		12194	-	
L 3+00 W	4+20 N	No samples		
L 2+00 W	4+80 N	No Samples		
L 1+00 W	5+40 N	12183	-	
		12184	3	
		12185	-	
		12186	2	
		12187	-	
		12188	2	
		12189	-	
L 0+10 W	5+75 N	35288	39	
		35289	394	
		35290	411	
		35291	-	
		35292	7	
		35293	53	
		35294	110	
		35295	660	
		35296	-	
		35297	-	
		35298	-	
		35299	-	

Tannahill Project 1997 Trenching Program

Location				
Line	North/South	Sample #	Au PPB	Au gm/t
L 1+50 E	6+00 N	12006	382	
		12007	12	
		12008	269	
		12009	377	
		12010	27	
		12011	103	
		12012	15	
		12013	9	
		12014	12	
		12015	135	
		12016	149	
		12017	134	
		12018	50	
		12019	9086	9.09
		12020	7	
		12021	70	
		12022	643	
		12023	171	
		12024	645	
		12025	276	
		12026	91	
		12027	9	
		12028	38	
		12029	41	
		12030	838	
		12031	10	
		12032	19	
		12033	12	
		12034	5	
		12035	10	
L 2+00 E	7+00N	No Samples		
L 2+40 E	6+00 N	12001	1342	1.34
		12002	22	
		12003	10	
		12004	410	
		12005	31	
		9583	219	
		9584	-	
		9585	-	
		9586	12	
		9587	1269	2.27
		9588	10	
		9589	7	
		9590	12	
		9591	3086	3.19
		9592	720	
		9593	2743	2.74
		9594	789	
		9595	1371	1.37
		9596	514	

Tannahill Project 1997 Trenching Program

Location				
Line	North/South	Sample #	Au PPB	Au gm/t
L 4+00 E	4+25 N	35201	-	
		35202	-	
		35203	3	
		35204	-	
		35205	-	
		35206	-	
		35207	2	
		35208	17	
		35209	-	
		35210	2	
		35211	-	
		35212	-	
L 4+00 E	5+50 N	No Samples		
L 4+15 E	6+75 N	35215	-	
		35216	3	
		35217	5	
		35218	2	
		35219	14	
		35220	1166	1.17
		35221	286	
		35222	1	
		35223	12	
		35224	111	
		35225	1006	1.06
		35226	305	
		35227	12	
		35228	482	
		35229	21	
		35230	89	
		35231	3	
		35232	9	
		35233	45	
		35234	1543	1.54
		35235	1714	1.71
		35236	1063	1.06
		35237	549	
		35238	514	
		35239	26	
		35240	9	
		35241	7	
		35242	-	
		35243	-	
L 4+25 E	7+50 N	No Samples		
L 4+86 E	7+00 N	No Samples		

Tannahill Project 1997 Trenching Program

Location				
Line	North/South	Sample #	Au PPB	Au gm/t
L 5+00 E	3+50 N	35274	53	
		35275	93	
		35276	58	
		35277	113	
		35278	480	
		35279	89	
		35280	10	
		35281	14	
		35282	3	
		35283	41	
		35284	9	
		35285	17	
		35286	3	
		35287	7	
		35451	55	
		35452	7	
		35453	-	
35454	15			
L 5+00 E	2+25 N	35213	3	
		35214	-	
L 5+00 E	2+50 N	No Samples		
L 6+00 E	6+75 N	35250	7	
		35251	2	
		35252	-	
		35253	5	
		35254	2	
		35255	3	
		35256	-	
		35257	2	
		35258	3	
		35259	2	
		35260	3	
		35261	2	
		35262	3	
		35263	5	
		35264	10	
35265	9			
35266	-			
35267	3			
35268	7			
35269	5			

REFERENCES

OGS report 165 with colour map 2367. Geophysical Map 80610.

Assessment Reports

Report #	Company	Year	Type of work
1802	McCasky J.A.	1936	Trenching
501	Clarke R.M.	1978	Trenching
615	Crossan P.	1980	Trenching, 1 DDH
1772	Mathia I.	1985	Trenching
999	Obradovich T.	1989	Mapping
834	Falconbridge	1991	Magnetometer
3783	Obradovich T.	1995	Linecutting, geophysics
	Sedex/Abitibi	1999	Diamond Drilling
	Sedex/ Abitibi	1999	Soil Geochemical Survey

CERTIFICATE OF QUALIFICATIONS

I, **Todd Keast**, of 1204 Grace Ave., Porcupine, Ontario, do hereby certify that:

1. I am the author of this report.
2. I am a graduate of the University of Manitoba, Winnipeg, Manitoba, having received an Honors Bachelor of Science (Geology), in 1986.
3. I have practiced in the field of mineral exploration since 1987, for a number of exploration companies throughout Manitoba, Ontario, and Quebec.
4. I am a Fellow of the Geological Association of Canada.
5. I am a member of the Canadian Institute of Mining and Metallurgy.
6. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
7. I have not received nor do I expect to receive any interest in the Tannahill Project.

Dated at Porcupine, Ontario this 22nd of February 1999.

A handwritten signature in black ink that reads "Todd Keast". The signature is written in a cursive style with a long horizontal stroke extending to the right from the end of the name.

Todd Keast, B.Sc., FGAC

APPENDIX I

Assay Certificates



Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1928

Page 1 of 2

Assay Certificate

7W-2353-RA1

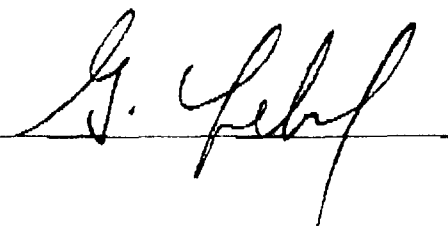
Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: JUN-17-97

We hereby certify the following Assay of 51 Grab samples submitted JUN-11-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
9583	219	-	-	-	-	-
9584	Nil	-	-	-	-	-
9585	Nil	-	-	-	-	-
9586	12	-	-	-	-	-
9587	1269	1234	-	1.27	1.23	-
9588	10	-	-	-	-	-
9589	7	-	-	-	-	-
9590	12	-	-	-	-	-
9591	3086	3189	-	3.09	3.19	-
9592	720	-	-	-	-	-
9593	2743	2743	-	2.74	2.74	-
9594	789	-	-	-	-	-
9595	1371	-	-	1.37	-	-
9596	514	-	-	-	-	-
9597	351	-	-	-	-	-
9598	987	-	-	-	-	-
12001	1342	1359	-	1.34	1.36	-
12002	22	-	-	-	-	-
12003	10	-	-	-	-	-
12004	410	-	-	-	-	-
12005	31	-	-	-	-	-
12006	382	-	-	-	-	-
12007	12	-	-	-	-	-
12008	269	-	-	-	-	-
12009	377	-	-	-	-	-
12010	27	-	-	-	-	-
12011	103	-	-	-	-	-
12012	15	-	-	-	-	-
12013	9	10	-	-	-	-
12014	12	-	-	-	-	-

One assay ton portion used.

Certified by 



Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Established 1928

Page 2 of 2

Assay Certificate

7W-2353-RA1

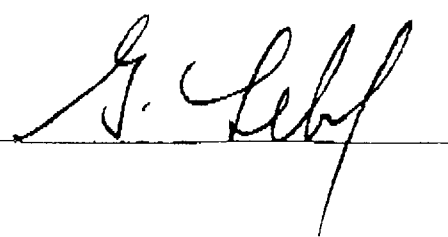
Company: **T. OBRADOVICH**
 Project: Tannahill
 Attn: T. Obradovich

Date: JUN-17-97

We hereby certify the following Assay of 51 Grab samples submitted JUN-11-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
12015	135	-	-	-	-	-
12016	149	-	-	-	-	-
12017	134	-	-	-	-	-
12018	50	-	-	-	-	-
12019	9086	7577	8434	9.09	7.58	8.43
12020	7	-	-	-	-	-
12021	70	-	-	-	-	-
12022	643	-	-	-	-	-
12023	171	-	-	-	-	-
12024	645	-	-	-	-	-
12025	276	-	-	-	-	-
12026	91	-	-	-	-	-
12027	9	-	-	-	-	-
12028	38	-	-	-	-	-
12029	41	-	-	-	-	-
12030	838	941	-	-	-	-
12031	10	-	-	-	-	-
12032	19	17	-	-	-	-
12033	12	-	-	-	-	-
12034	5	-	-	-	-	-
12035	10	-	-	-	-	-

One assay ton portion used.

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

7W-3711-RG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: SEP-18-97

We hereby certify the following Geochemical Analysis of 4 Rock samples submitted SEP-16-97 by .

Sample Number	Au PPB	Au Check PPB
12037	9	-
12038	3	10
12039	3	2
12040	3	-

One assay ton portion used.

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

7W-3712-RG1

Company: **T. OBRADOVICH**

Date: SEP-18-97

Project: OKA

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 4 Rock samples submitted SEP-16-97 by .

Sample Number	Au PPB	Au Check PPB
49180	5	-
49181	122	134
49182	22	21
49183	14	-

One assay ton portion used.

Certified by _____

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



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

7W-3777-RG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: SEP-25-97

We hereby certify the following Geochemical Analysis of 14 Rock samples submitted SEP-22-97 by .

Sample Number	Au PPB	Au Check PPB
35201	Nil	-
35202	Nil	-
35203	3	Nil
35204	Nil	-
35205	Nil	-
35206	Nil	-
35207	2	-
35208	17	34
35209	Nil	-
35210	2	-
35211	Nil	-
35212	Nil	-
35213	3	-
35214	Nil	2

One assay ton portion used.

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 1 of 2

Established 1928

Geochemical Analysis Certificate

7W-3819-RG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: SEP-29-97

We hereby certify the following Geochemical Analysis of 39 Rock samples submitted SEP-24-97 by .

Sample Number	Au PPB	Au Check PPB
12175	123	122
12176	3	-
35251	2	-
35252	Nil	-
35253	5	-
35254	2	-
35255	3	-
35256	Nil	-
35257	2	-
35258	3	-
35259	2	3
35260	3	-
35261	2	-
35262	3	-
35263	5	-
35264	10	-
35265	9	-
35266	Nil	-
35267	3	-
35268	7	-
35269	5	-
35270	9	14
35271	10	-
35272	31	-
35273	12	-
35274	53	-
35275	93	-
35276	58	-
35277	113	-
35278	480	470

One assay ton portion used.

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 2 of 2

Established 1928

Geochemical Analysis Certificate

7W-3819-RG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: SEP-29-97

We hereby certify the following Geochemical Analysis of 39 Rock samples submitted SEP-24-97 by .

Sample Number	Au PPB	Au Check PPB
35279	89	99
35280	10	-
35281	14	-
35282	3	-
35283	41	-
35284	9	-
35285	17	-
35286	3	-
35287	7	-

2.1339

One assay ton portion used.

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 1 of 2

Established 1928

Geochemical Analysis Certificate

7W-3877-RG1

Company: **T. OBRADOVICH**

Date: OCT-02-97

Project: Tannahill

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis, of 39 Rock samples submitted SEP-30-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au Check g/tonne	Au Check g/tonne	Au 2nd g/tonne
12183	Nil	-	-	-	-	-
12184	3	-	-	-	-	-
12185	Nil	Nil	-	-	-	-
12186	2	-	-	-	-	-
12187	Nil	-	-	-	-	-
12188	2	-	-	-	-	-
12189	Nil	-	-	-	-	-
12190	Nil	-	-	-	-	-
12191	2	-	-	-	-	-
12192	Nil	-	-	-	-	-
12193	5	-	-	-	-	-
12194	Nil	-	-	-	-	-
12195	Nil	-	-	-	-	-
35288	39	-	-	-	-	-
35289	394	387	-	-	-	-
35290	411	549	-	-	-	-
35291	Nil	-	-	-	-	-
35292	7	-	-	-	-	-
35293	53	-	-	-	-	-
35294	110	-	-	-	-	-
35295	660	701	-	-	-	-
35296	Nil	-	-	-	-	-
35297	Nil	-	-	-	-	-
35298	Nil	-	-	-	-	-
35299	Nil	-	-	-	-	-
35442	86	-	-	-	-	-
35443	2	Nil	-	-	-	-
35444	Nil	-	-	-	-	-
35445	Nil	-	-	-	-	-
35446	Nil	-	-	-	-	-

One assay ton portion used.

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 2 of 2

Established 1928

Geochemical Analysis Certificate

7W-3877-RG1

Company: **T. OBRADOVICH**

Date: OCT-02-97

Project: Tannahill

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 39 Rock samples submitted SEP-30-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au Check g/tonne	Au Check g/tonne	Au 2nd g/tonne
35447	2	-	-	-	-	-
35448	3	-	-	-	-	-
35449	Nil	-	-	-	-	-
12177	3977	3189	4114	3.98	3.19	4.11
12178	9	-	-	-	-	-
12179	70	-	-	-	-	-
12180	15	-	-	-	-	-
12181	43	-	-	-	-	-
12182	105	103	-	-	-	-

One assay ton portion used.

Certified by



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 1 of 3

Established 1928

Geochemical Analysis Certificate

7W-3899-RG1

Company: **T. OBRADOVICH**

Date: OCT-03-97

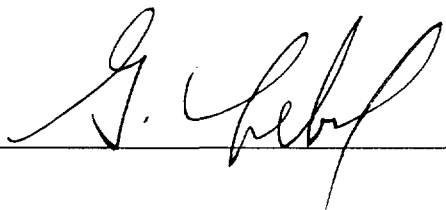
Project: Tannahill

Attn: T. Obradovich

We hereby certify the following Geochemical Analysis of 73 Rock samples submitted OCT-01-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
12196	9	-	-	-	-	-
12197	2	-	-	-	-	-
12198	5	-	-	-	-	-
35215	Nil	3	-	-	-	-
35216	3	-	-	-	-	-
35217	5	-	-	-	-	-
35218	2	-	-	-	-	-
35219	14	-	-	-	-	-
35220	1166	857	-	1.17	0.86	-
35221	286	-	-	-	-	-
35222	2	-	-	-	-	-
35223	12	-	-	-	-	-
35224	111	-	-	-	-	-
35225	1006	-	-	-	-	-
35226	305	-	-	-	-	-
35227	12	-	-	-	-	-
35228	482	449	-	-	-	-
35229	21	-	-	-	-	-
35230	89	-	-	-	-	-
35231	3	-	-	-	-	-
35232	9	-	-	-	-	-
35233	45	-	-	-	-	-
35234	1543	-	-	1.54	-	-
35235	1714	1303	-	1.71	1.30	-
35236	1063	-	-	1.06	-	-
35237	549	543	-	-	-	-
35238	514	-	-	-	-	-
35239	26	-	-	-	-	-
35240	9	-	-	-	-	-
35241	7	-	-	-	-	-

One assay ton portion used.

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 2 of 3

Geochemical Analysis Certificate

7W-3899-RG1

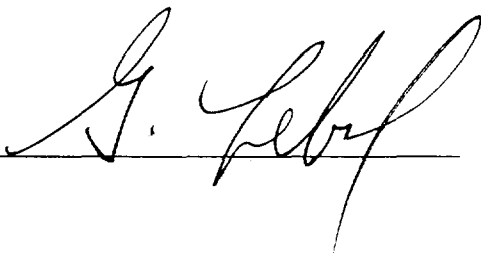
Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: OCT-03-97

We hereby certify the following Geochemical Analysis of 73 Rock samples submitted OCT-01-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
35242	Nil	-	-	-	-	-
35243	Nil	-	-	-	-	-
35401	Nil	-	-	-	-	-
35402	Nil	-	-	-	-	-
35403	Nil	-	-	-	-	-
35404	62	-	-	-	-	-
35405	15	7	-	-	-	-
35406	Nil	-	-	-	-	-
35407	Nil	-	-	-	-	-
35408	22	-	-	-	-	-
35409	Nil	-	-	-	-	-
35410	14	-	-	-	-	-
35411	3	-	-	-	-	-
35412	17	-	-	-	-	-
35413	5	-	-	-	-	-
35414	Nil	-	-	-	-	-
35415	7	-	-	-	-	-
35416	12	5	-	-	-	-
35417	Nil	-	-	-	-	-
35418	15	-	-	-	-	-
35419	65	81	-	-	-	-
35420	Nil	-	-	-	-	-
35421	2	-	-	-	-	-
35422	Nil	-	-	-	-	-
35423	3	-	-	-	-	-
35424	Nil	-	-	-	-	-
35425	Nil	-	-	-	-	-
35426	Nil	-	-	-	-	-
35427	Nil	7	-	-	-	-
35428	Nil	-	-	-	-	-

One assay ton portion used.

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 3 of 3

Geochemical Analysis Certificate

7W-3899-RG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: OCT-03-97

We hereby certify the following Geochemical Analysis of 73 Rock samples submitted OCT-01-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au g/tonne	Au Check g/tonne	Au 2nd g/tonne
35429	7	-	-	-	-	-
35430	7	-	-	-	-	-
35431	2	-	-	-	-	-
35432	3	5	-	-	-	-
35433	26	-	-	-	-	-
35434	267	-	-	-	-	-
35435	355	285	-	-	-	-
35436	185	-	-	-	-	-
35437	12	-	-	-	-	-
35438	29	-	-	-	-	-
35439	2366	2434	1851	2.37	2.43	1.85
35440	125	-	-	-	-	-
35441	34	-	-	-	-	-

One assay ton portion used.

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

7W-3913-RG1

Company: **T. OBRADOVICH**
Project: Tannahill
Attn: T. Obradovich

Date: OCT-06-97

We hereby certify the following Geochemical Analysis of 11 Rock samples submitted OCT-02-97 by .

Sample Number	Au PPB	Au Check PPB
35244	84	-
35245	147	-
35246	202	-
35247	33	-
35248	523	516
35249	19	-
35250	7	-
35451	55	-
35452	7	-
35453	Nil	-
35454	15	17
35455 Not Rec'd	-	-

One assay ton portion used.

Certified by



Ontario

Ministry of Northern Development and Mines

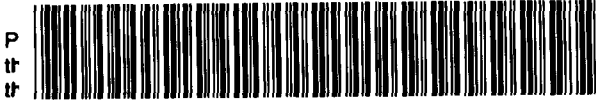
Declaration of Assessment Work Performed on Mining Land

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

Transaction Number (office use)

W9980.00290

Assessment Files Research Imaging



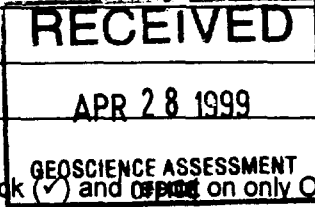
32D05NE2012 2.19439 TANNAHILL 900

Sections 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act assessment work and correspond with the mining land holder. Questions about them Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury.

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

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

Name: THOMAS OBRADOVICH, Client Number: 177382, Address: 1 BLOOMFIELD RD., KIRKLAND LAKE, ON P2N 1A1, Telephone Number: (705) 567-6883, Fax Number: (705) 567-6873



2. Type of work performed: Check (x) and circle 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 [x] Rehabilitation []

Work Type: SOIL SURVEY, TRENCHING, ASSAYS, Office Use, Commodity, Total \$ Value of Work Claimed: 15,897, Dates Work Performed: 17 07 97 To 3 09 97, Mining Division: LL, Resident Geologist District: KKK

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: TODD KEAST, Telephone Number: 705 235-2540, Address: 1204 GRACE AVE SOUTH PORCUPINE, ON

4. Certification by Recorded Holder or Agent

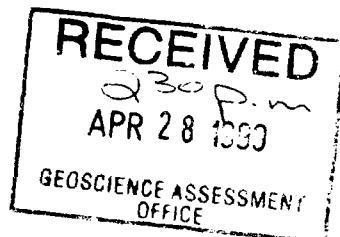
I, BOB BAILEY, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent: Bob Bailey, Date: APRIL 23/99, Agent's Address: 174 RENEE PLACE, TIMMINS, ON P4P 1E8, Telephone Number: 705-268-9686, Fax Number: 705-360-5866

0241 (03/97)

2.19439

July 27/99



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.

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
1. L-26639 8000660	1	2052			2052
2. L-26640 8000661	1	594			594
3. L-26641 8000662	1	240			240
4. L-26642 8000662	1	456			456
5. L-26643 8000663	1	1038			1038
6. L-26644 8000664	1	1308			1308
7. L-1221860	8	1463		1463	0
8. L-1220241	15	75		75	0
9. L-1213898	9	2250		2250	0
10. L-1110756	1	25	800		0
11. L-1110757	1	768	800		
12. L-1202561	10	3024		3019	5
13. L-1202567	3	2604			2604
14. L-1213899	9				
15. L-1213843	16				
16. L-1221671	4				
17. L-1110715	1		400		
18. L-1110716	1		400		
Column Totals		15,897	2400	6807	5688

I, BOB BAILEY (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: Bob Bailey Date: April 23/99

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)		

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 6B5.

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
BACKHOE			\$3643
GEOLOGIST-PROJECT MANAGEMENT + REPORT WRITING			\$7276
ASSAYS			\$1740
LABOUR - 2 MEN			\$4804
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Food and Lodging Costs			
Total Value of Assessment Work			\$15,897

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:

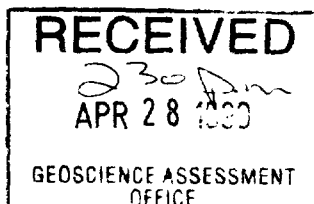
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may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

Certification verifying costs:

I, BOB BAILEY (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 I am authorized to make this certification.
(recorded holder, agent, or state company position with signing authority)

Signature <i>Bob Bailey</i>	Date <i>April 23/99</i>
--------------------------------	----------------------------



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

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

July 14, 1999

THOMAS JOHN ELI OBRADOVICH
1 Bloomfield Rd.
Kirkland Lake, Ontario
P2N 1A1

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

Dear Sir or Madam:

Submission Number: 2.19439

Status

Subject: Transaction Number(s): W9980.00290 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 bruce.gates@ndm.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.19439

Date Correspondence Sent: July 14, 1999

Assessor: Bruce Gates

General Comment:

Insufficient details on the Statement of Costs may delay approval of assessment work submissions.

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9980.00290	26639	TANNAHILL	Approval	July 14, 1999

Section:

13 Geochemical GCHEM
10 Physical PSTRIIP

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

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

Robert Bailey
TIMMINS, ONTARIO, CANADA

THOMAS JOHN ELI OBRADOVICH
KIRKLAND LAKE, Ontario

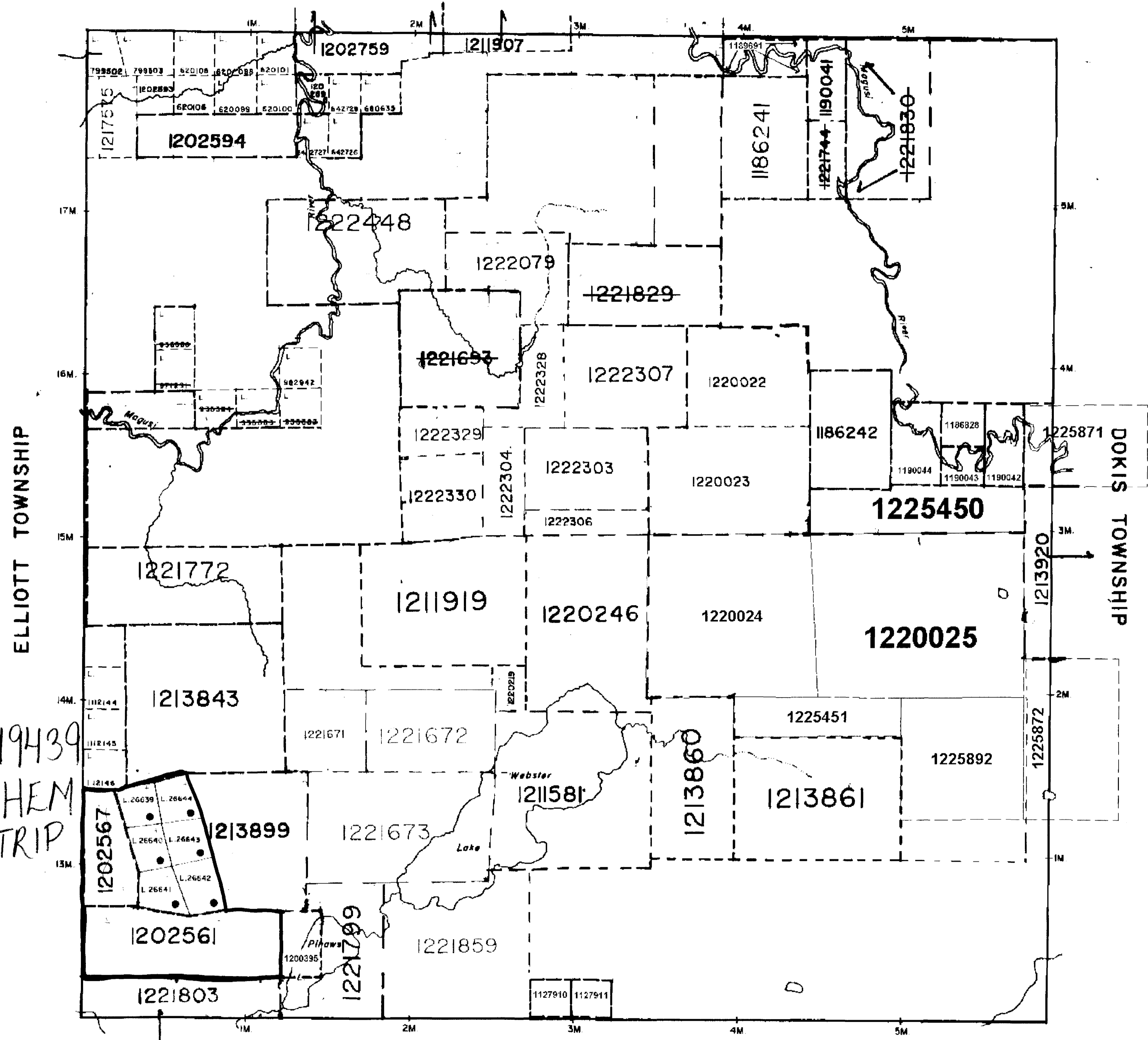
REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

Description Order No. Date Disposition File

HOLLOWAY TOWNSHIP



ELLIOTT TOWNSHIP

DOKIS TOWNSHIP

BEN NEVIS TOWNSHIP

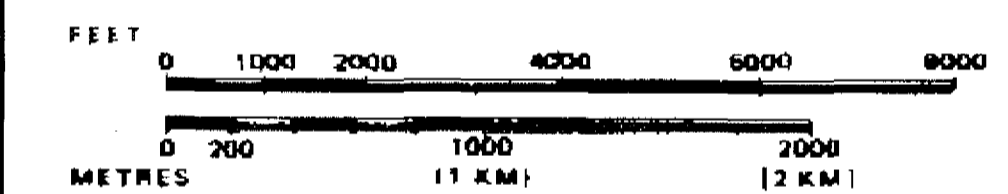
LEGEND

- 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	■
" SURFACE RIGHTS ONLY	■
" MINING RIGHTS ONLY	■
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	○
CANCELLED	○
SAND & GRAVEL	○

SCALE: 1 INCH = 40 CHAINS



NOTICE OF FORESTRY ACTIVITY
THIS TOWNSHIP / AREA FALLS WITHIN THE
ABITIBI MANAGEMENT UNIT AND MAY BE
SUBJECT TO FORESTRY OPERATIONS. THE
MNR UNIT FORESTER FOR THIS AREA CAN
BE CONTACTED AT:

P.O. BOX 129
SWASTIKA, ONTARIO
POK ITO 705-642-3222

THE INFORMATION THAT
APPEARS ON THIS MAP
HAS BEEN COMPILED
FROM VARIOUS SOURCES.
AND ACCURACY IS NOT
GUARANTEED. THOSE
WISHING TO STAKE MIN-
ING CLAIMS SHOULD CON-
SULT WITH THE MINING
RECORDER, MINISTRY OF
NORTHERN DEVELOP-
MENT AND MINES, FOR AD-
DITIONAL INFORMATION
ON THE STATUS OF THE
LANDS SHOWN HEREON.

TOWNSHIP

TANNAHILL

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
COCHRANE



Ministry of
Natural
Resources
Ontario

Ministry of
Northern Development
and Mines

Date
APRIL 1990

CIRCULATED FEBRUARY 1, 1995

Number

G-3717

ARCHIVED JULY 28, 1995
ARCHIVED FEB. 10/97

2.19439
G-CHEM
P-STRIP

File
Kirkland
Pihawa



REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

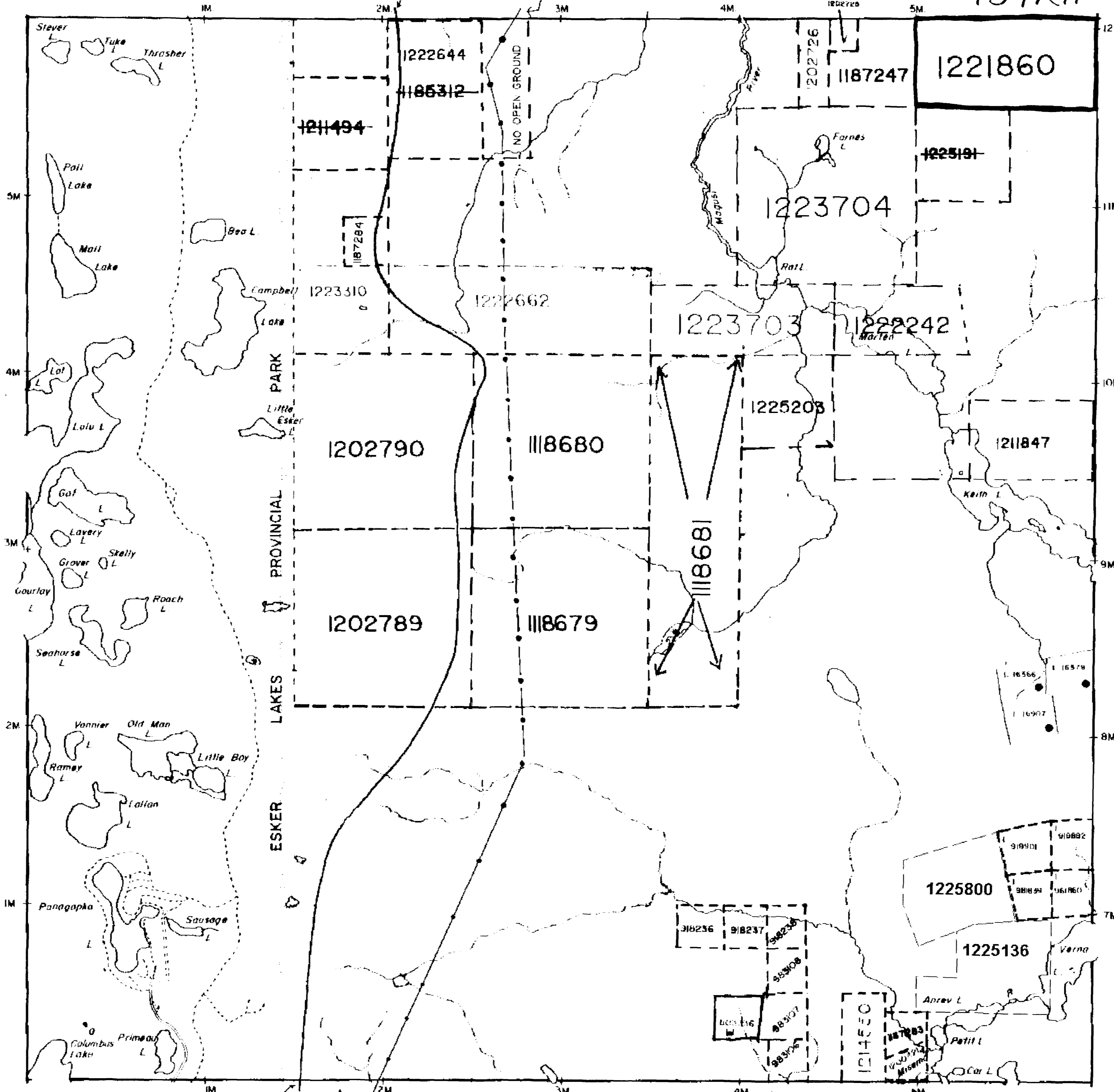
- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M. & S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

NOTES

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.

BISLEY TOWNSHIP



ARNOLD TOWNSHIP

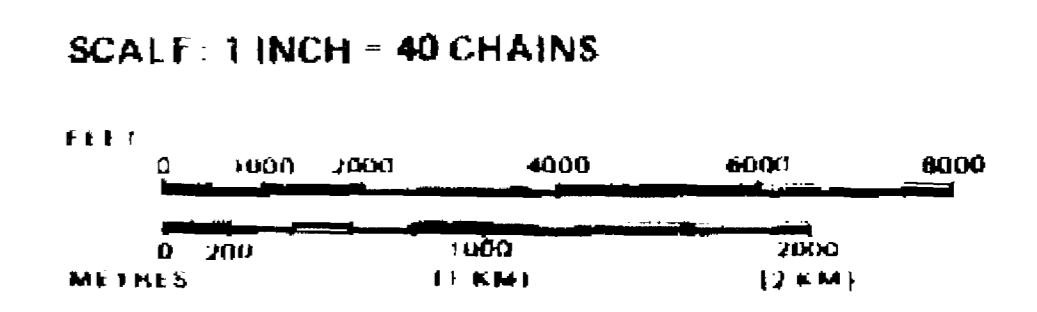
2.19439
GCHEM
PSTRIP

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	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER IN COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	



400 FOOT SURFACE RIGHTS RESERVATION ALONG THE SHORES OF ALL LAKES AND RIVERS. (400 FEET - APPROX. 121 METERS)

TOWNSHIP
CLIFFORD
M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
COCHRANE

Ministry of Natural Resources Ontario
Ministry of Northern Development and Mines

Date: MAY 1993
Number: G-3620
CIRCULATED NOVEMBER 22, 1993.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

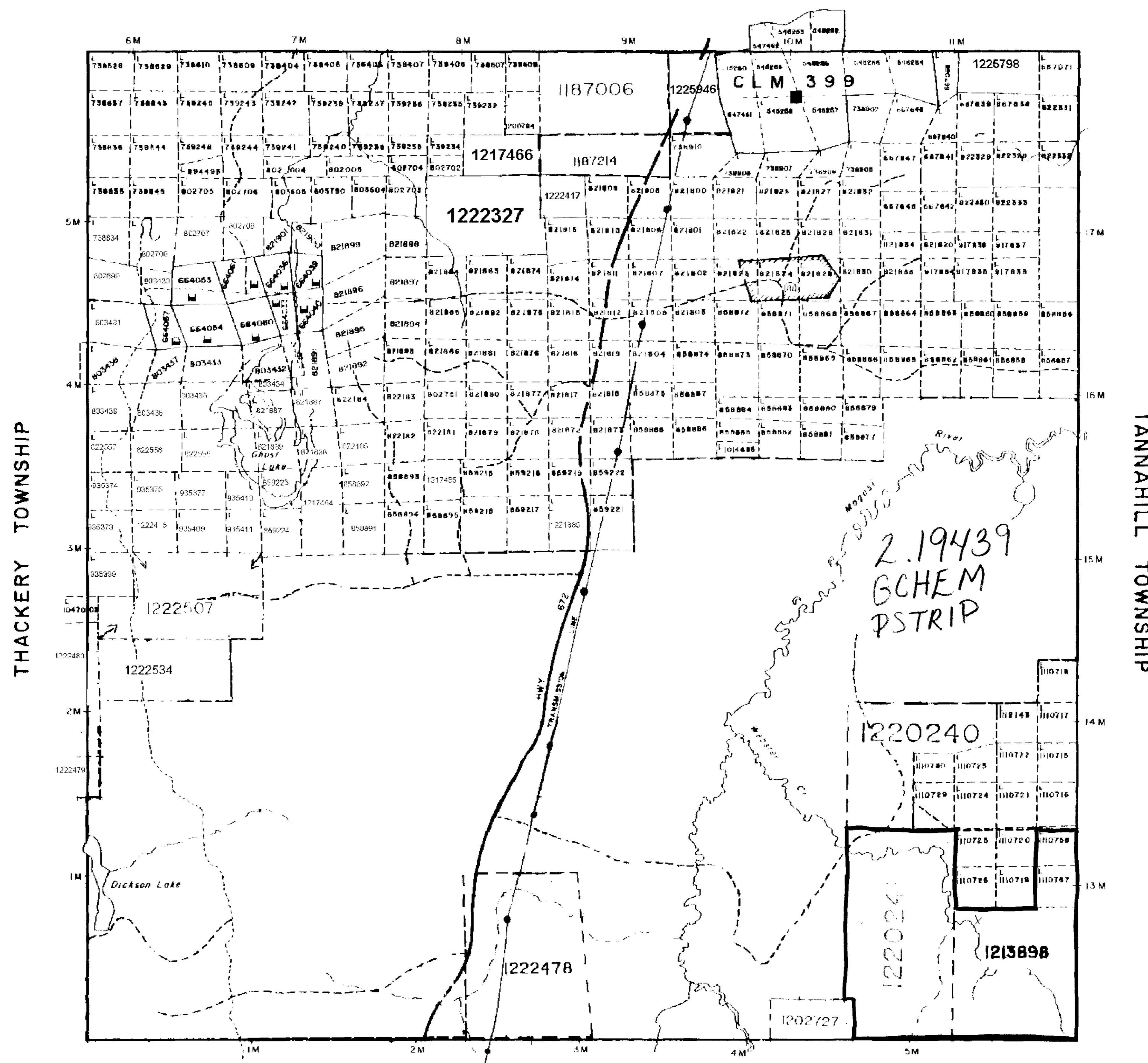
Description Order No. Date Disposition File

(R) MNR GRAVEL PIT 36-34

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: FORESTRY ACTIVITY
THIS TOWNSHIP FALLS WITHIN THE
ADMINISTRATIVE UNIT AND MAY BE
SUBJECT TO FORESTRY OPERATIONS.
FOR MORE INFORMATION ON THIS AREA CAN BE
CONTACTED AT:
P.O. BOX 129
554-111KA, ONTARIO
P0F 1T0
705-642-3222

HARKER TOWNSHIP

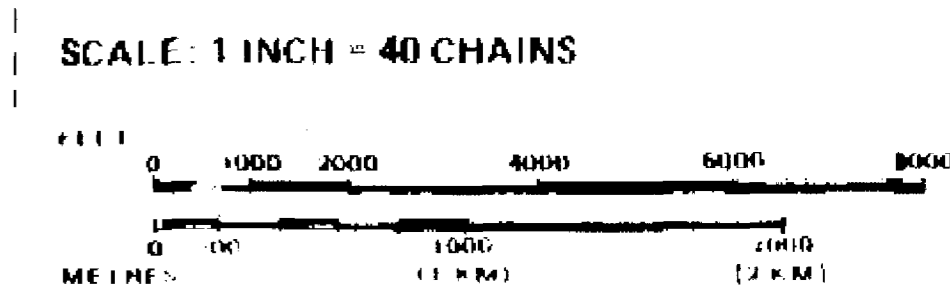


LEGEND

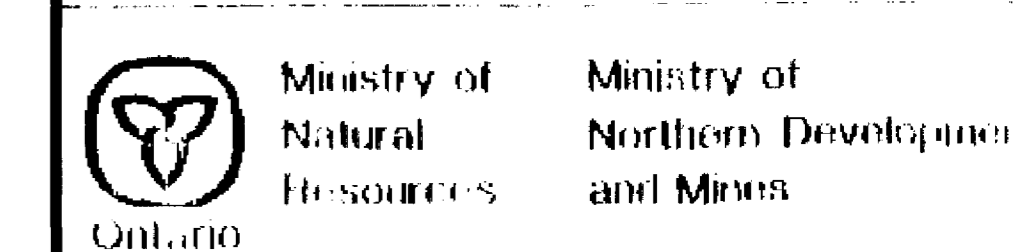
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIP, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS, ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORE LINE
- 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	■
" SURFACE RIGHTS ONLY	◼
" MINING RIGHTS ONLY	◻
LICENCE OF OCCUPATION	◔
ORDER IN COUNCIL	◕
RESERVATION	⊙
CANCELLED	⊘
SAND & GRAVEL	⊙

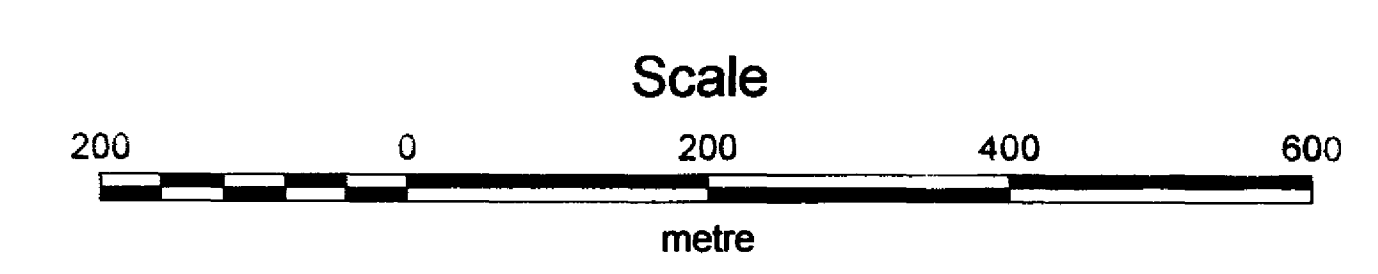
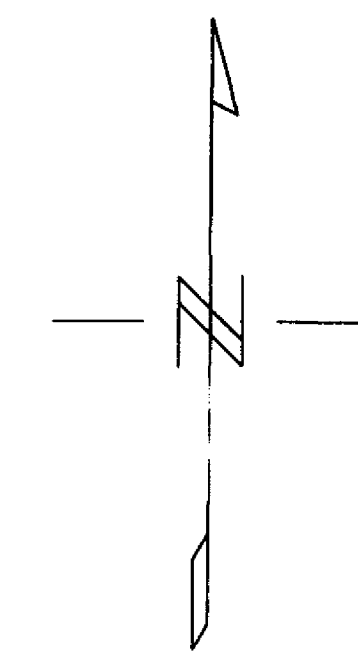
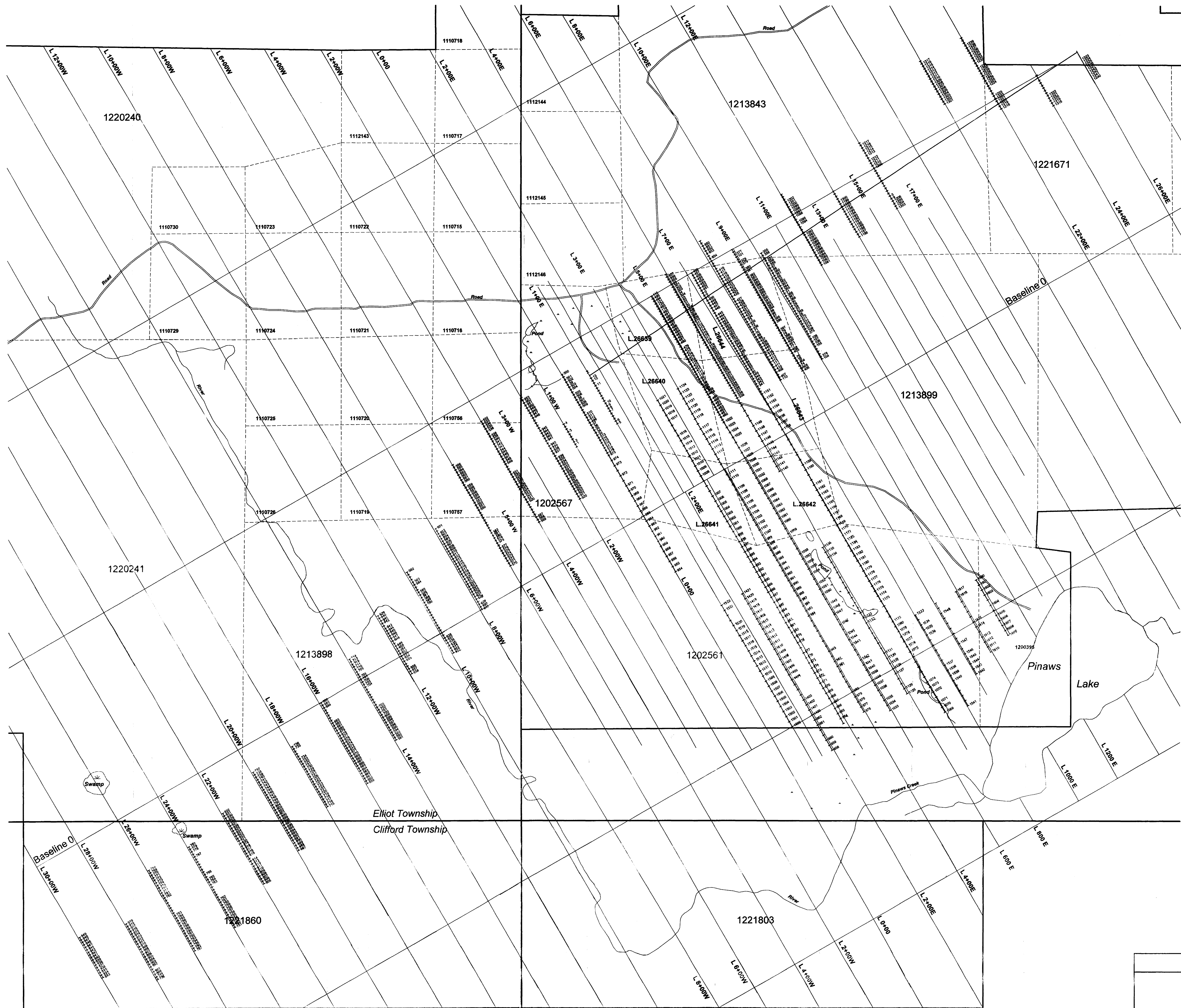


TOWNSHIP
ELLIOTT
M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
COCHRANE



Date: MAY 1994
Number: G-3633

COPY OF THIS MYLAR
ARCHIVED BY 6035797
ARCHIVED MAY 02, 1994
ARCHIVED APRIL 05, 2007
REVISED BY 10797

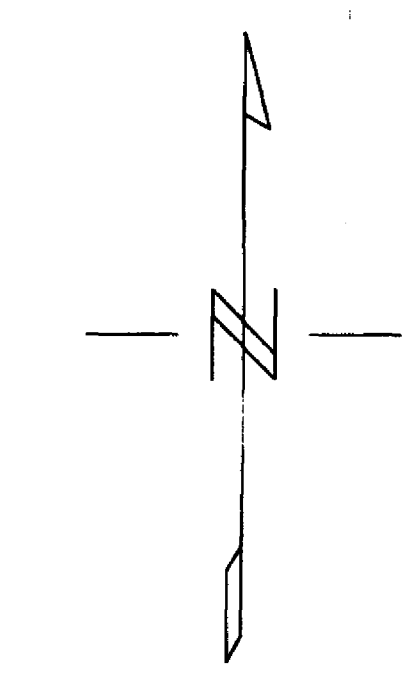
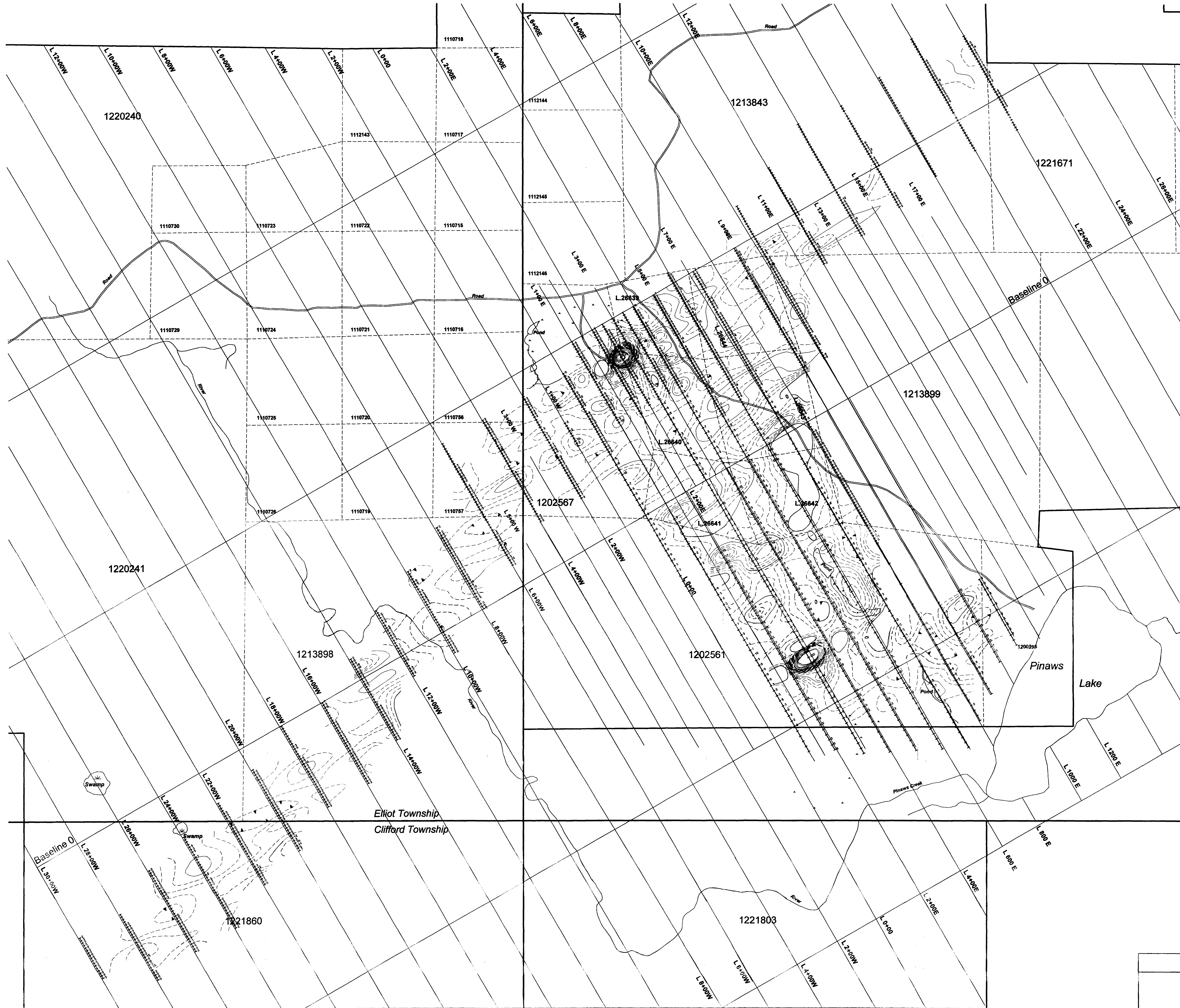


RECEIVED
APR 28 1999
GEOLOGICAL ASSESSMENT
DIVISION

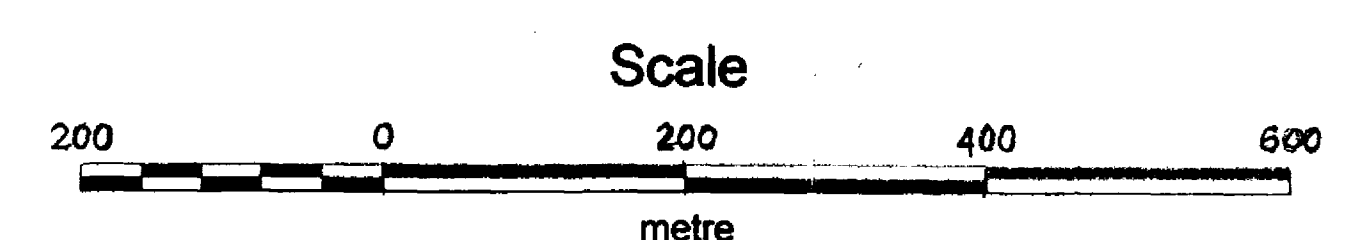
MAP 1 2.19439

Abitibi Mining / Sedex Mining
Tannahill Project
1997 Soil Sampling Survey
Sample Numbers
Plotted: Feb 23, 1999 Checked by: *Joh Koenig*

213
2000000000 2.19439



LEGEND
 1997 Au Assays
 PPB
 B Horizon
 Work By: D Clowater at al
 Results: 1155 Samples
 Range: 0 to 223 PPB
 Mean: 3.714 PPB
 Deviation: 9.118 PPB
 Assayed By: Swastika Laboratories

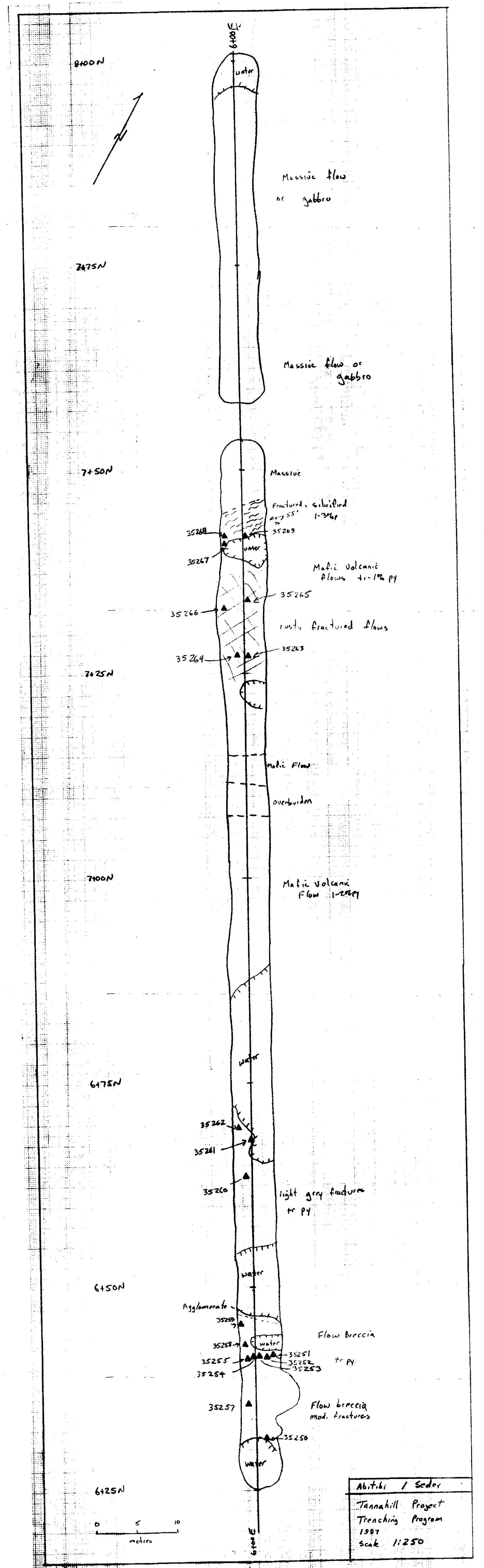
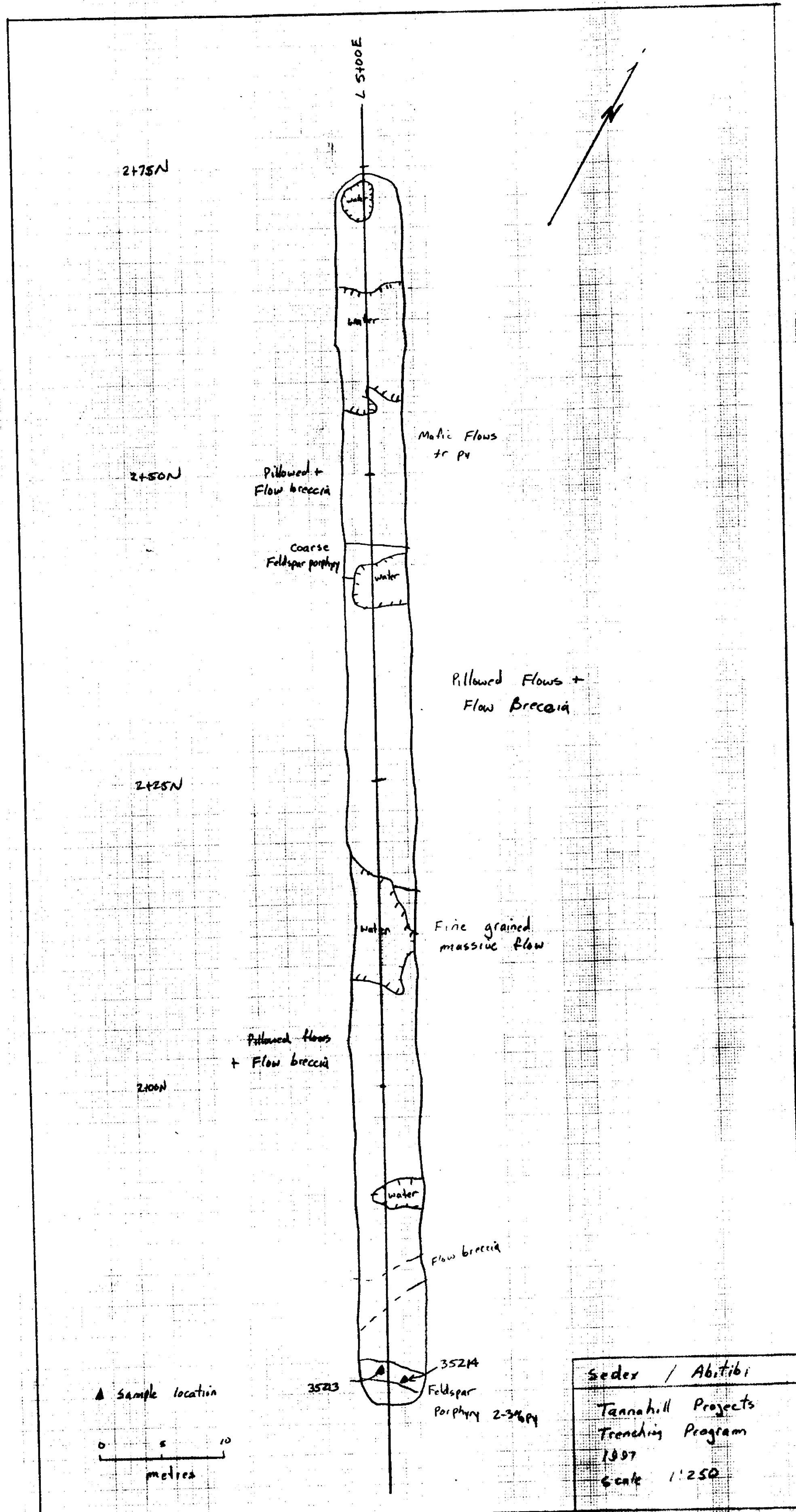
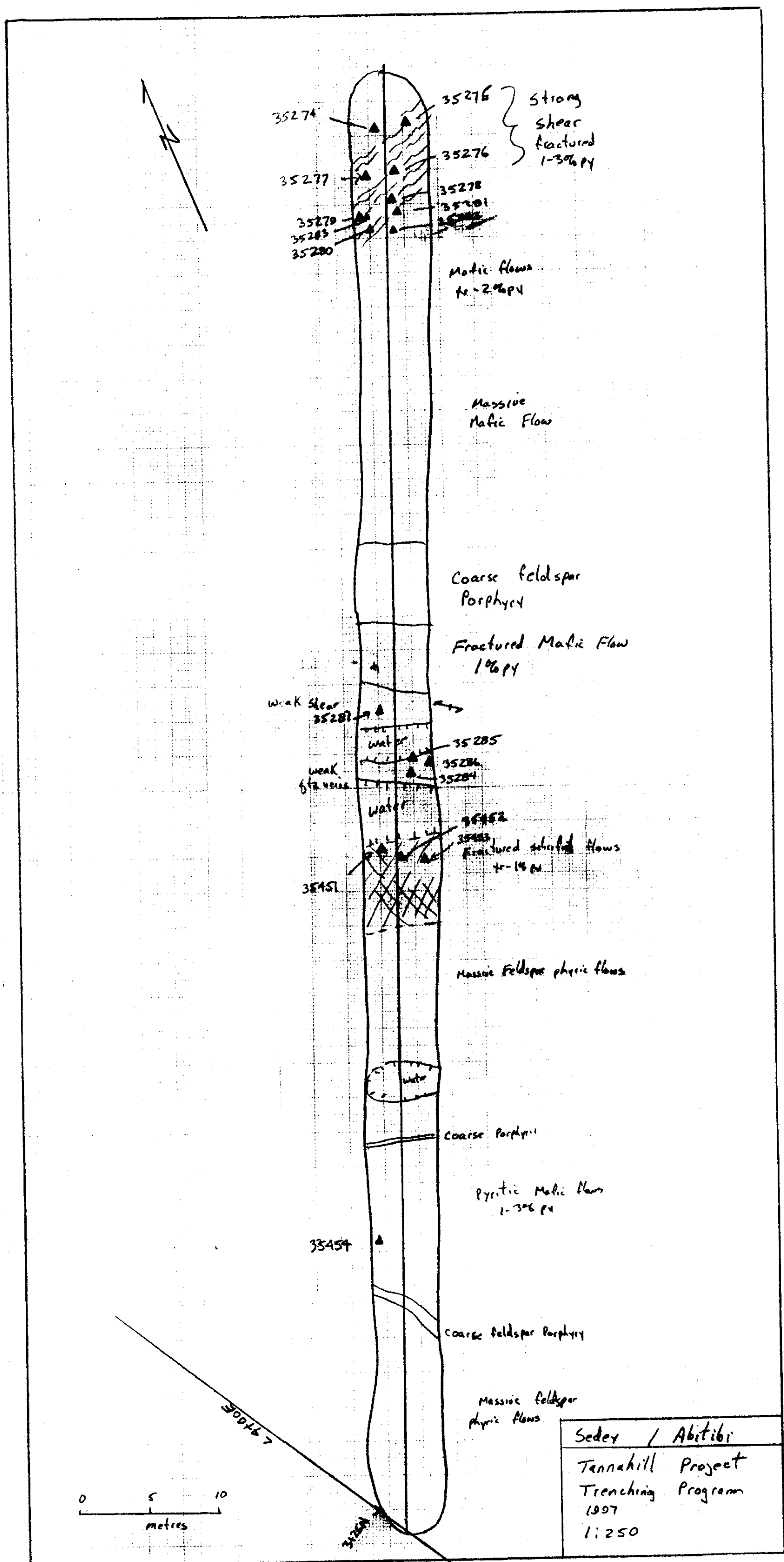
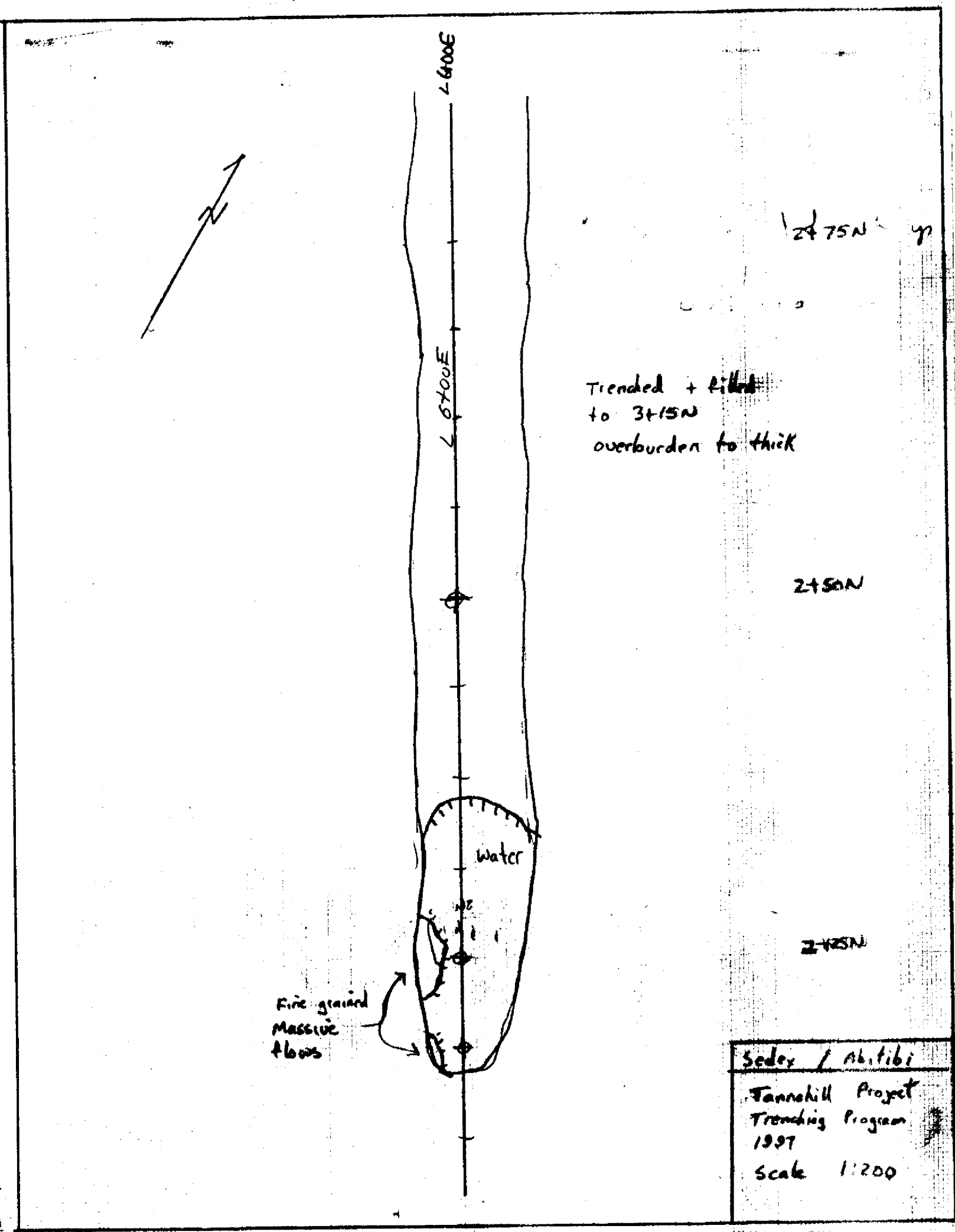
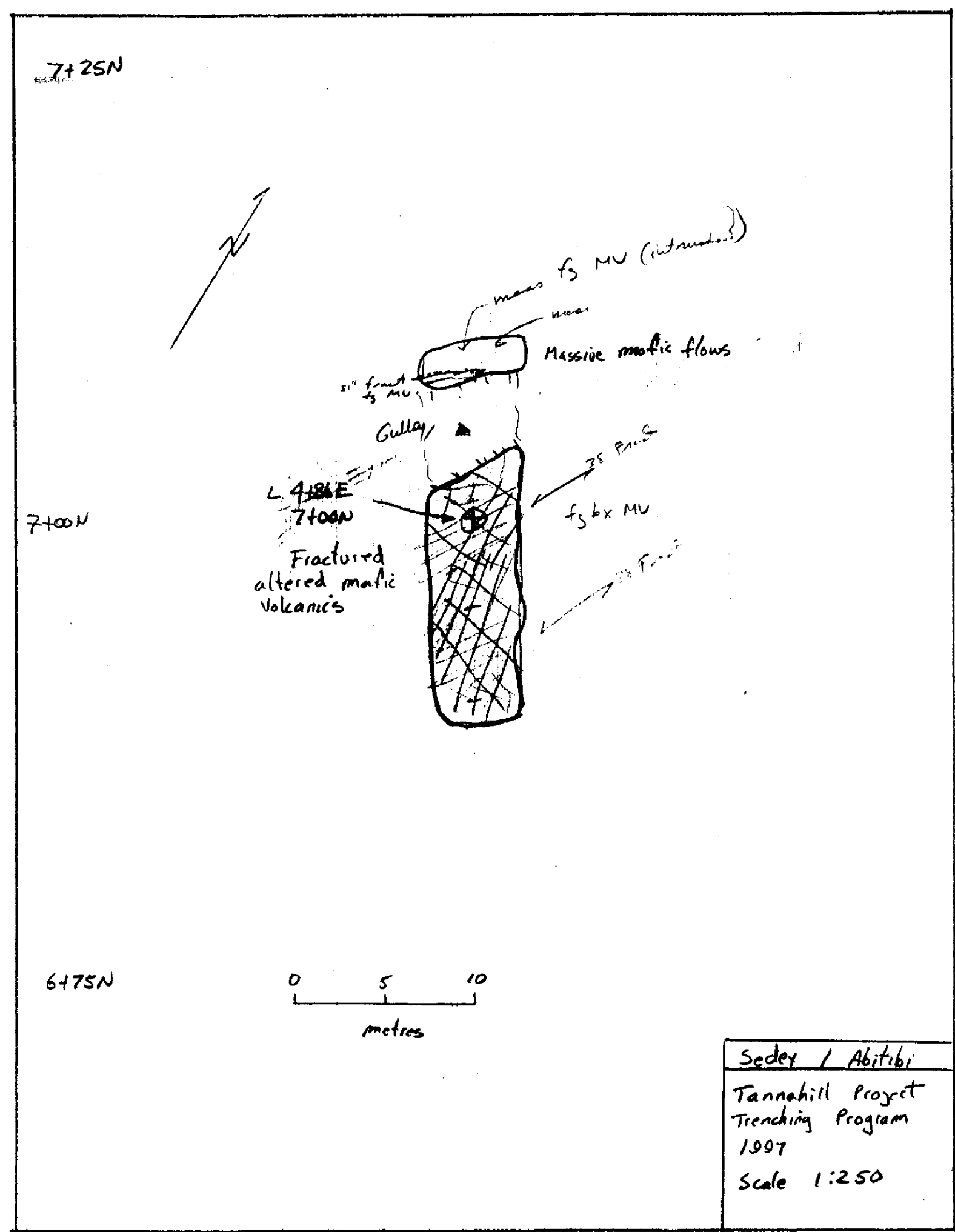


RECEIVED
 APR 28 1999
 RECORDS MANAGEMENT
 1000

MAP 2 2.19439

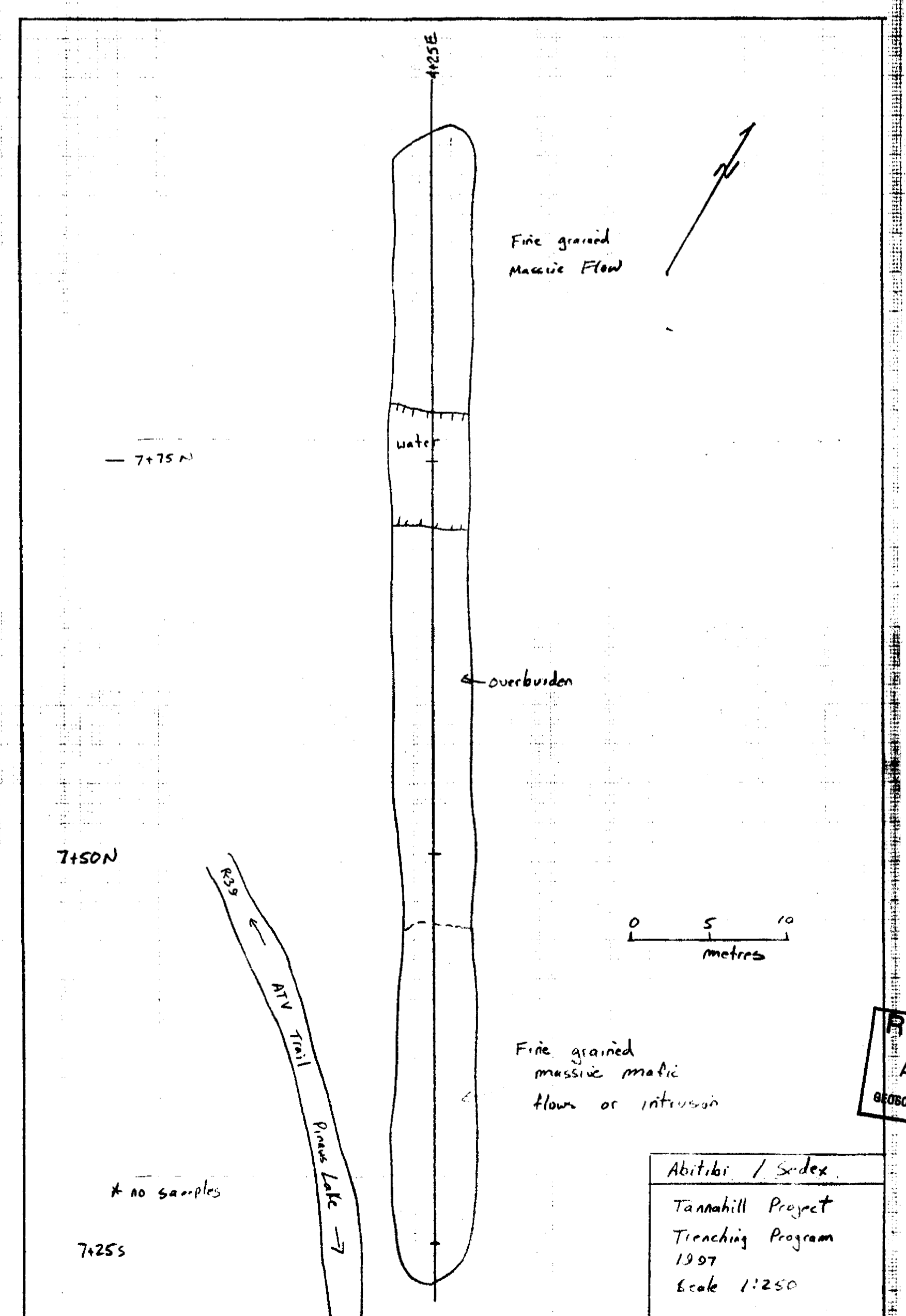
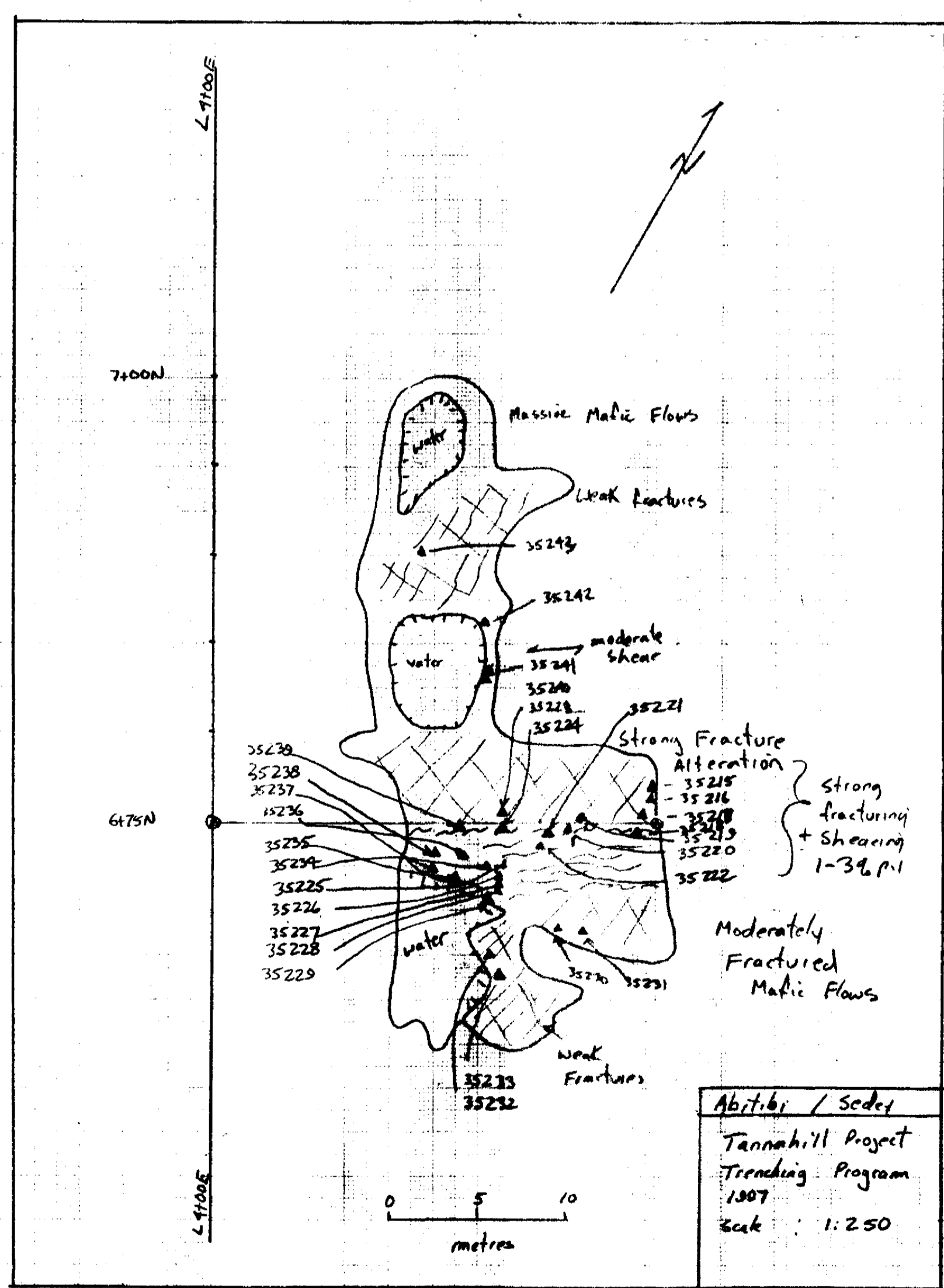
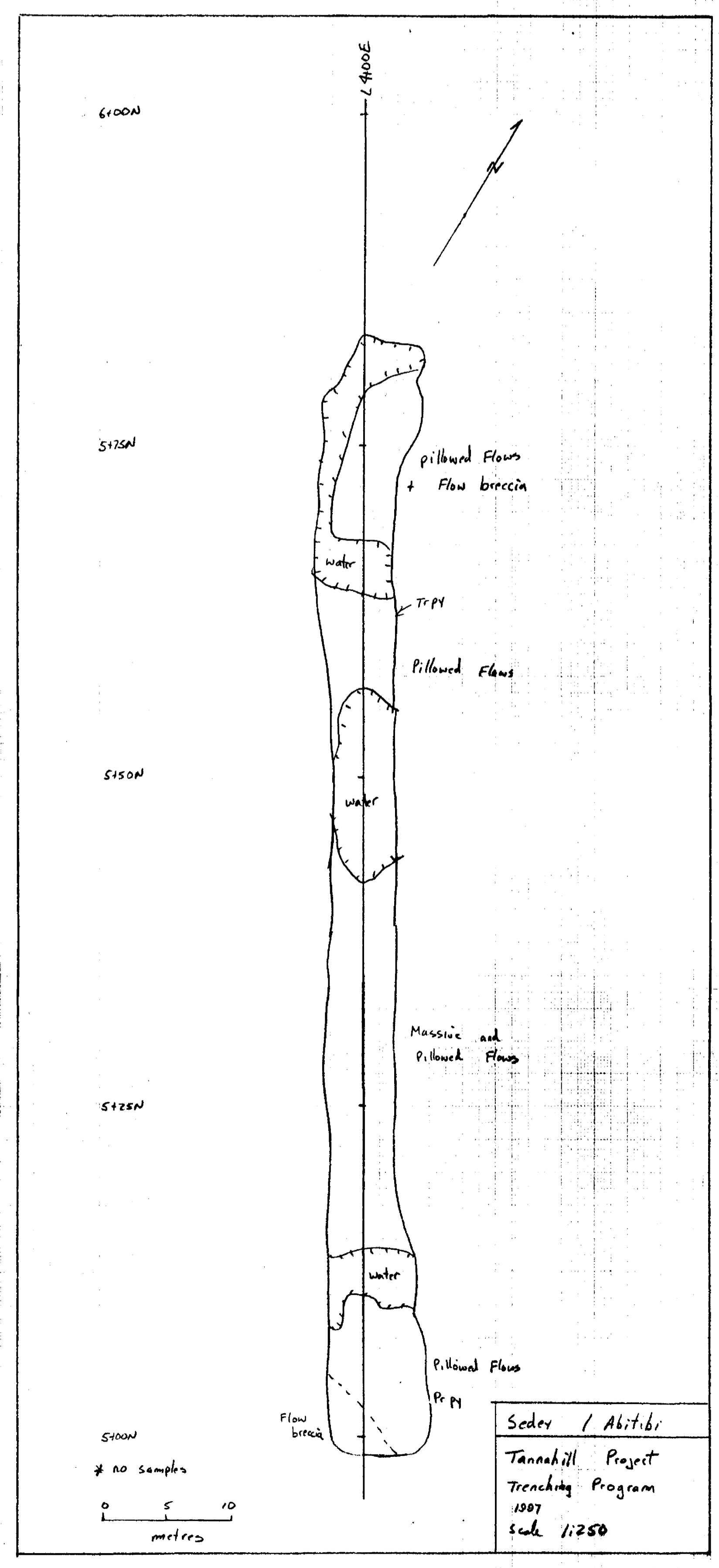
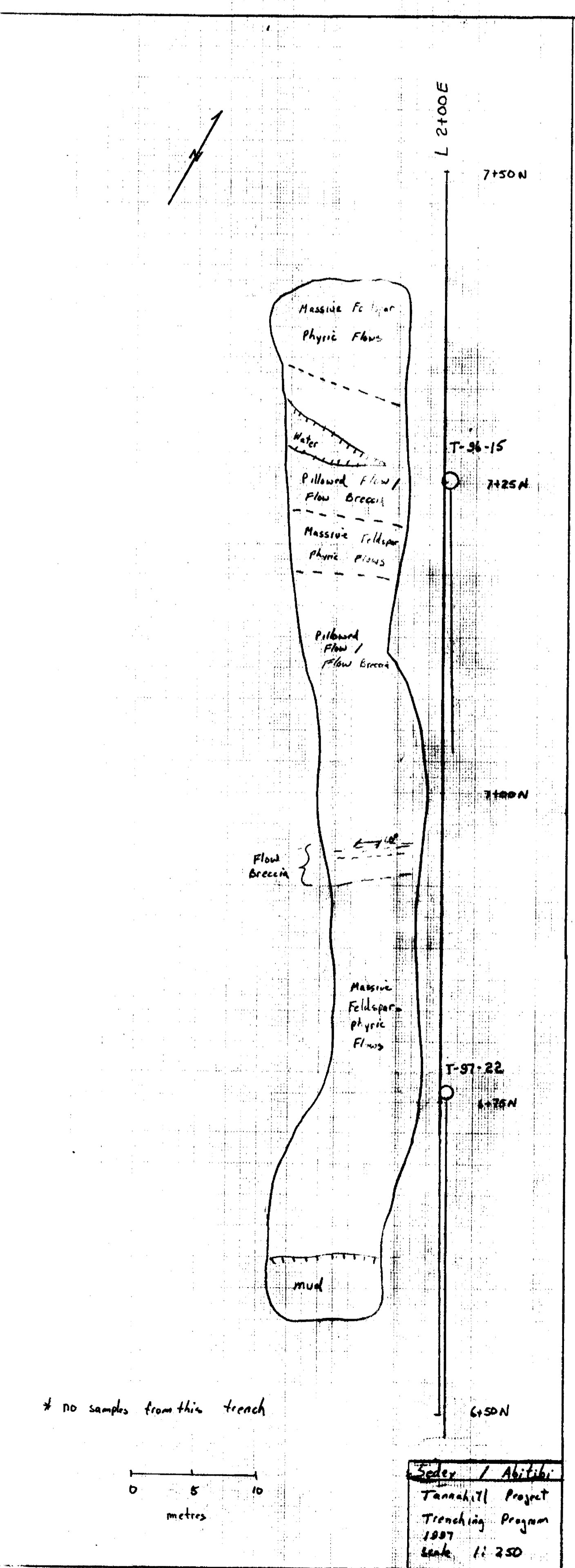
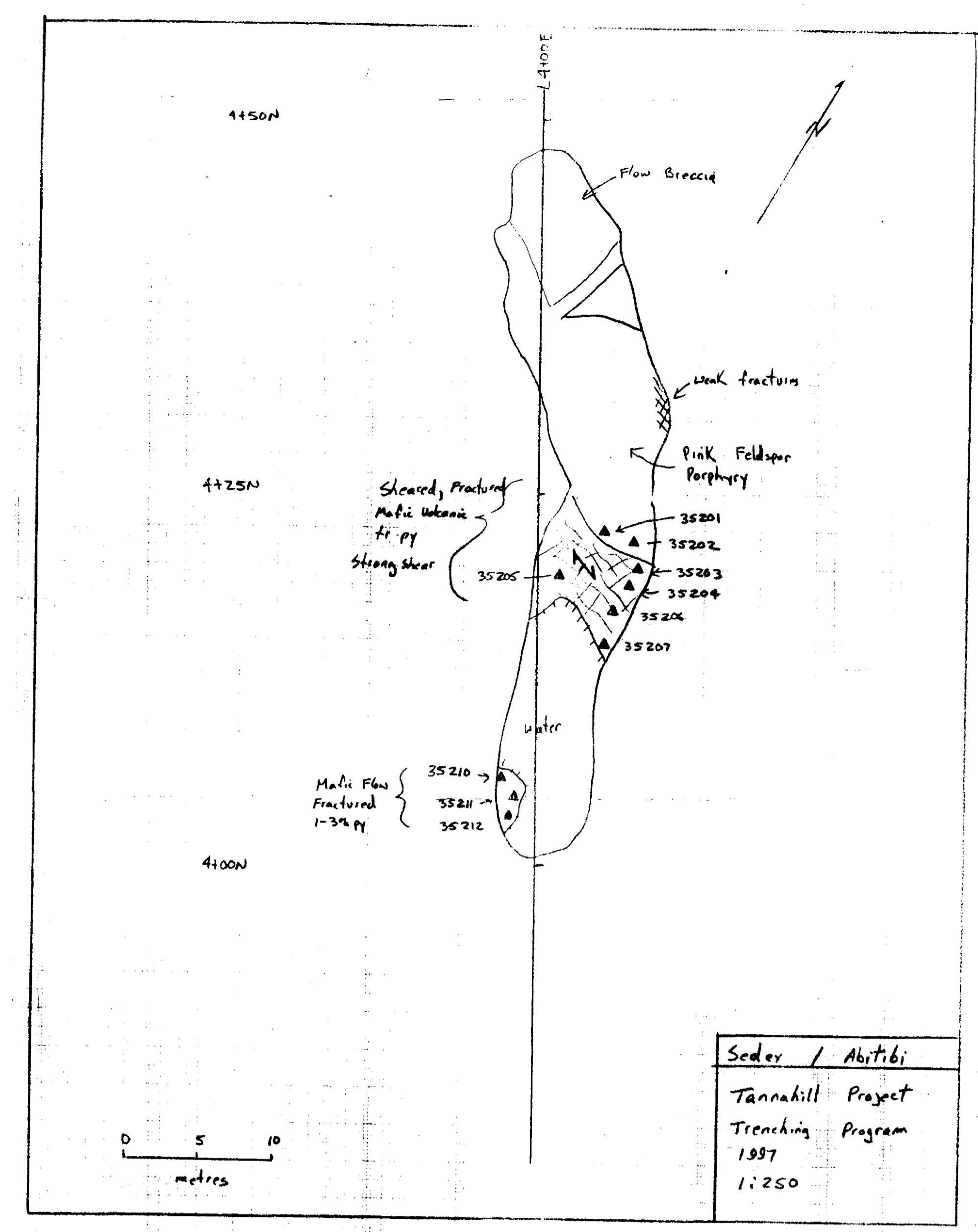
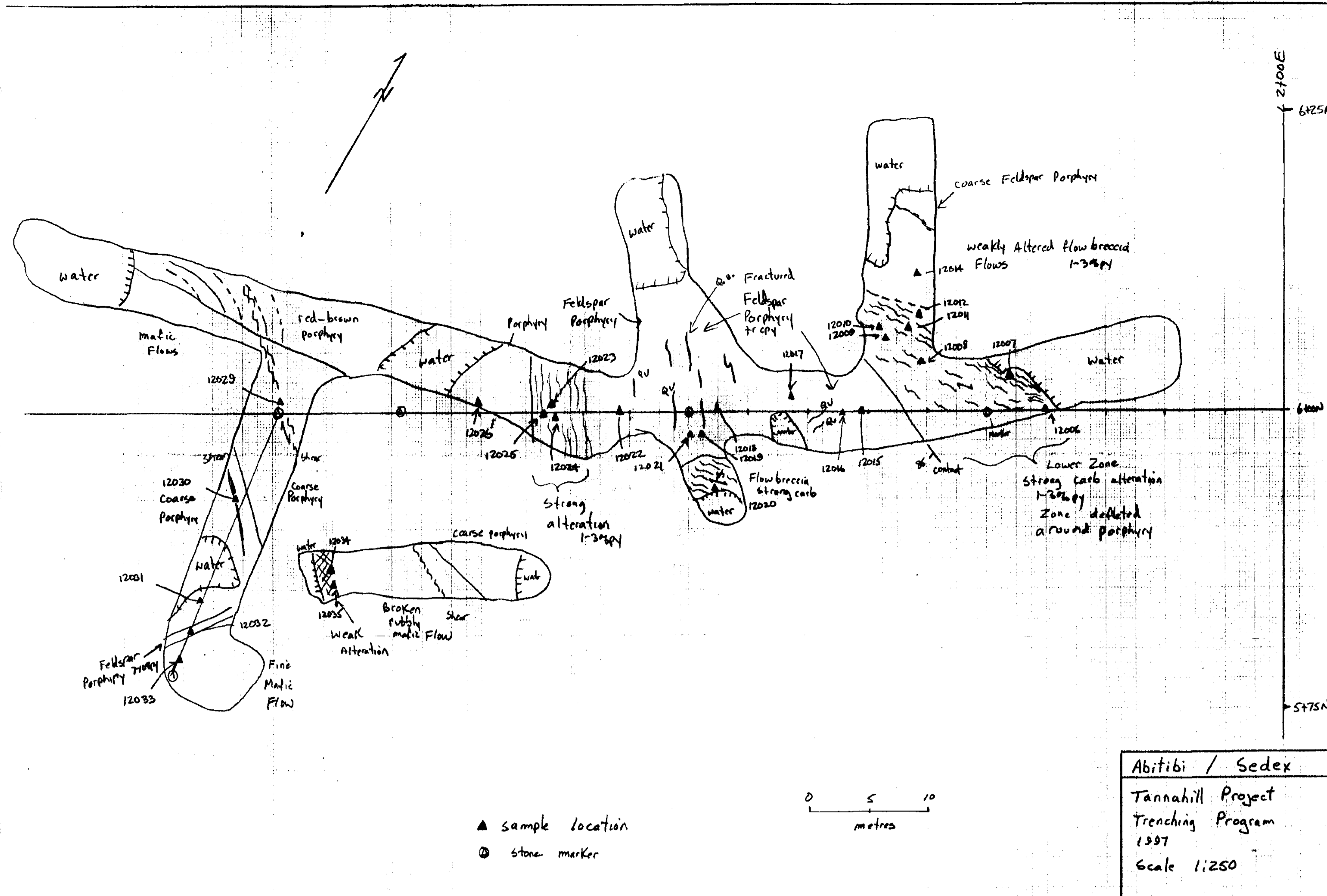
Abitibi Mining / Sedex Mining
 Tannahill Project
 1997 Soil Sampling Survey
 Sample Numbers
 Plotted: Feb 23, 1999 Checked by: Jodh...
 240

2.19439



RECEIVED
APR 28 1999
GEOSCIENCE ASSESSMENT
OFFICE

Jodiceant



APR 28 1998
 GEOLOGICAL SURVEY OF CANADA
 OBSERVANCE ASSESSMENT OFFICE

2.19439

J. East