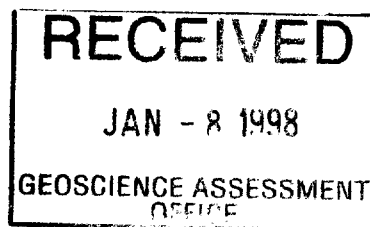


42A08NW2001 2.18058 PLAYFAIR

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2.18058

REPORT ON EXPLORATION ACTIVITIES
FUNDED BY OPAP GRANT OP97-13
PLAYFAIR TOWNSHIP
DISTRICT OF COCHRANE, ONT.
FOR
STEWART CARMICHAEL



Stewart Carmichael
Kirkland Lake, Ont.

January, 1998

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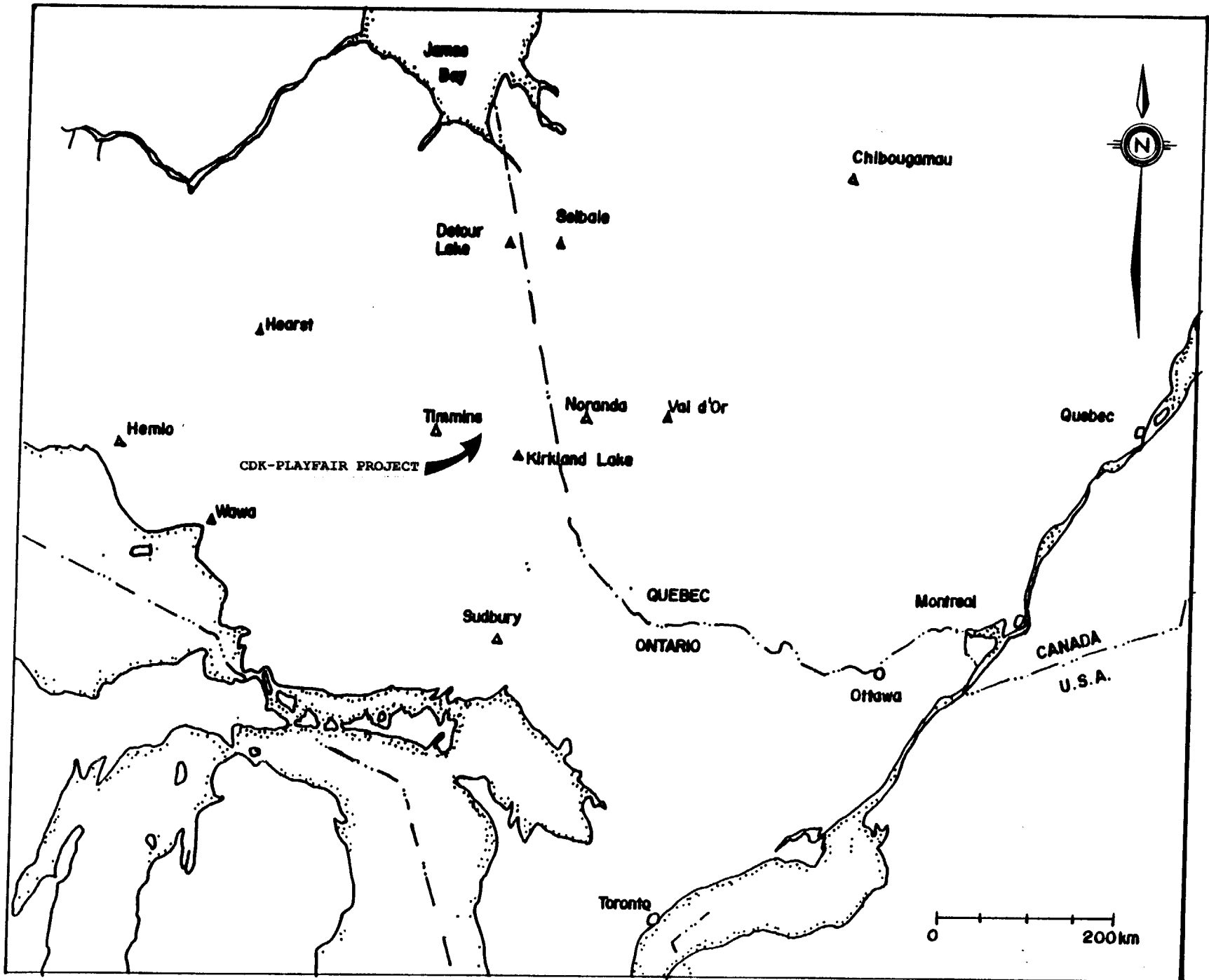


FIGURE 1 - GENERAL LOCATION PLAN

REPORT ON EXPLORATION ACTIVITIES
FUNDED BY OPAP GRANT OP97-13
PLAYFAIR TOWNSHIP
DISTRICT OF COCHRANE, ONT.
FOR
STEWART CARMICHAEL

INTRODUCTION

The 1997 exploration program on the CDK-Playfair property included a detailed soil geochem survey followed by stripping, washing, blasting and chip sampling over a gold showing first discovered in 1935. Previous work included blasting and sampling which returned gold mineralization as high as 0.22 oz/ton over 22' as well as diamond drilling. Much of the earlier work now appears to have been in error as most of the sampling was completed along flat-lying mineralization instead of across the mineralization. An attempt was made during the 1997 program to correctly sample the mineralization. This resulted in chip samples which assayed as high as 9.21 gms over narrow widths, the widths being limited to the depth of the plugger holes.

It would appear that with a diamond drill program a small resource could be defined amenable to an open pit bulk sample with little stripping ratio. Additional zones of mineralization may be present and a program of gridding followed by Induced Polarization should identify targets for diamond drilling.

PROPERTY LOCATION AND ACCESS

The property comprises a 10 staked mining claim located in the central west portion of Playfair Township bordering McCann Township, approximately 42 kilometres northwest of Kirkland Lake and 13 kilometres southeast of Matheson.

Access from Kirkland Lake is by Highway 11 to the Playfair Concession II/III road. A logging road suitable for trucks leads south and west to a point near Kitchen Lake. An ATV trail then leads north to the stripped area a distance of approximately 3 kilometres. A minimal amount of refurbishing of this trail would support heavier trucks.

The area is well drained though moderately flat with abundant bedrock exposure immediately west of the ATV trail. Overburden appears to be relatively shallow.

LAND TENURE AND OWNERSHIP

The CDK-Playfair property comprises 10 staked mining claims (50 units) with a total area of 800 hectares. The recorded date, assessment applied and assessment due date are given in the following table:

CLAIM No.	RECORDED DATE	#UNITS	APPLIED ASSESSMENT	ASSESSMENT DUE
1213821	March 25/96	9	\$0.00	\$3,600.00 by March 25/98
1213822	March 25/96	4	\$0.00	\$1,600.00 by March 25/98
1213823	March 25/96	15	\$0.00	\$6,000 by March 25/98
1213824	March 25/96	2	\$0.00	\$800.00 by March 25/98
1213825	March 25/96	1	\$0.00	\$400.00 by March 25/98
1211867	Feb. 28/96	6	\$4,824.00	\$2,376.00 by Feb. 28/2000

MCCANN TWP.

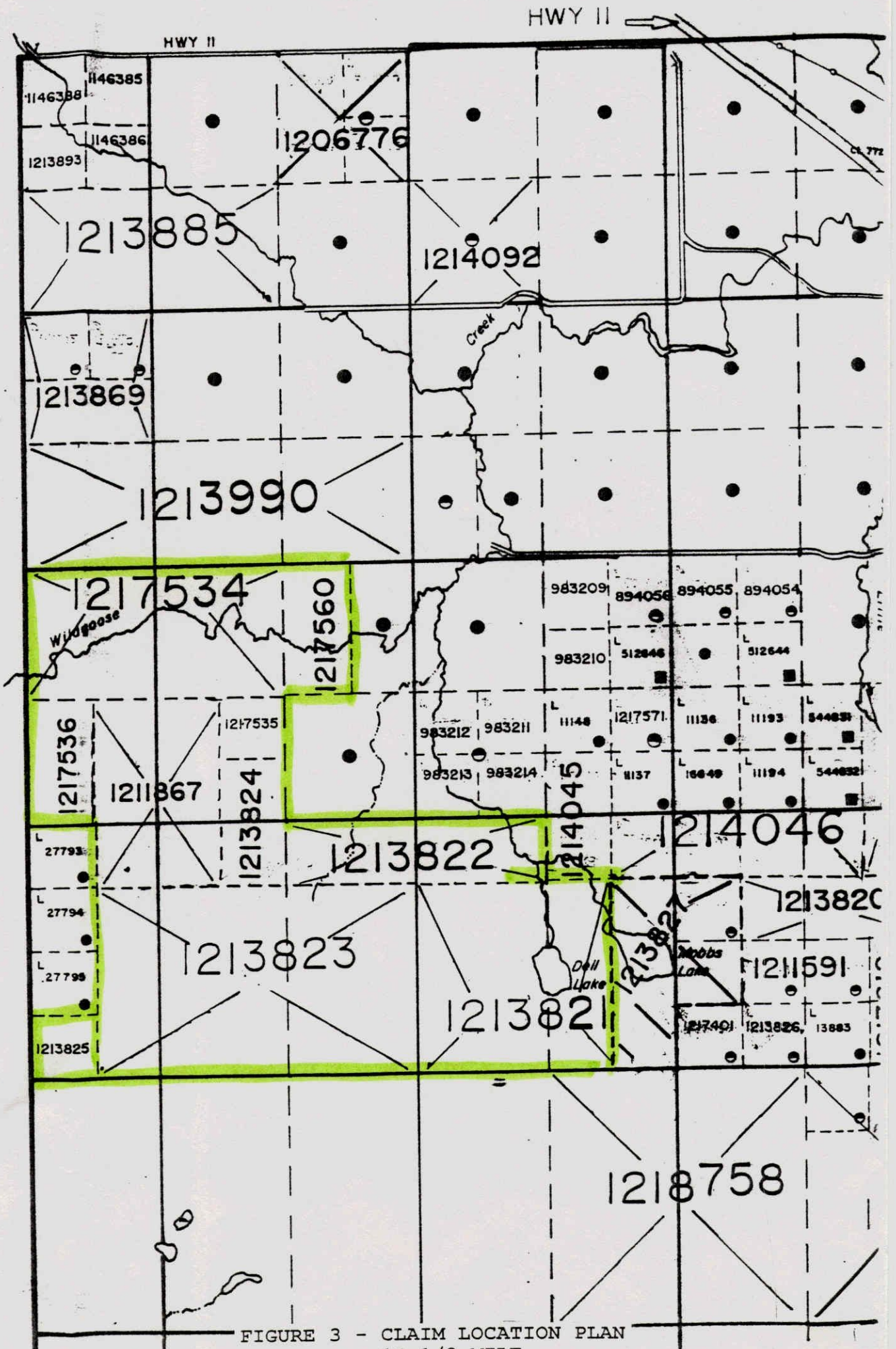


FIGURE 3 - CLAIM LOCATION PLAN
1"=1/2 MILE

1217534	July 16/96	8	\$0.00	\$3,200.00 by July 16/98
1217535	July 16/96	1	\$0.00	\$400.00 by July 16/98
1217536	July 16/96	2	\$0.00	\$800.00 by July 16/98
1217560	July 16/96	2	\$0.00	\$800.00 by July 16/98

PREVIOUS WORK

The property was first explored in 1935 with the most recent work in 1990. The following is a summary of work:

pre-

1935: Moore (1937) indicated that prior to 1935, Noranda Mines Ltd. performed 400 feet of trenching and diamond drilling. No assessment files at the resident Geologist's office provides any details of Noranda's work here.

1945: Temple Gold Mines Ltd. diamond drilled 15 holes totalling 2,506 feet which were targeted on pyritic quartz vein material which was exposed in 5 trenches. Trench chip samples taken by Temple Gold Mines returned assays as high as 0.22 oz Au over 21 feet.

1973-74: Sherwin Minerals Ltd. completed magnetic and geological surveys of 14 contiguous claims in Playfair Township, including the west half of the south half of Lot 12, Conc. IV, where the trenched and drilled veins are located. In 1974, Sherwin Minerals diamond drilled 2 holes totalling 1,004 feet. These holes were located a few hundred metres northeast of the trenched veins.

1975: Spar Holdings and Explorations Ltd. geologically mapped the area sampled and drilled by Temple Gold Mines.

1988: M. Charet (prospector) staked several contiguous claims in northwest central Playfair Township.

1989: The property was examined by Ontario Geological Survey Geologist A. Bath. Six trenches were examined and sampled with assays from 0.002 to 0.431 oz Au/ton returned from four of the trenches. Bath recommended that future work should be along a north-south grid system.

1990: W. Weisflock/L. Salo staked seven claims over the main showing area. Their work included Total Field Magnetics survey, blasting and sampling. Assays as high as 5 gms/tonne Au were returned.

1996: S. Carmichael completed 11 kilometres of gridding followed by total field magnetics.

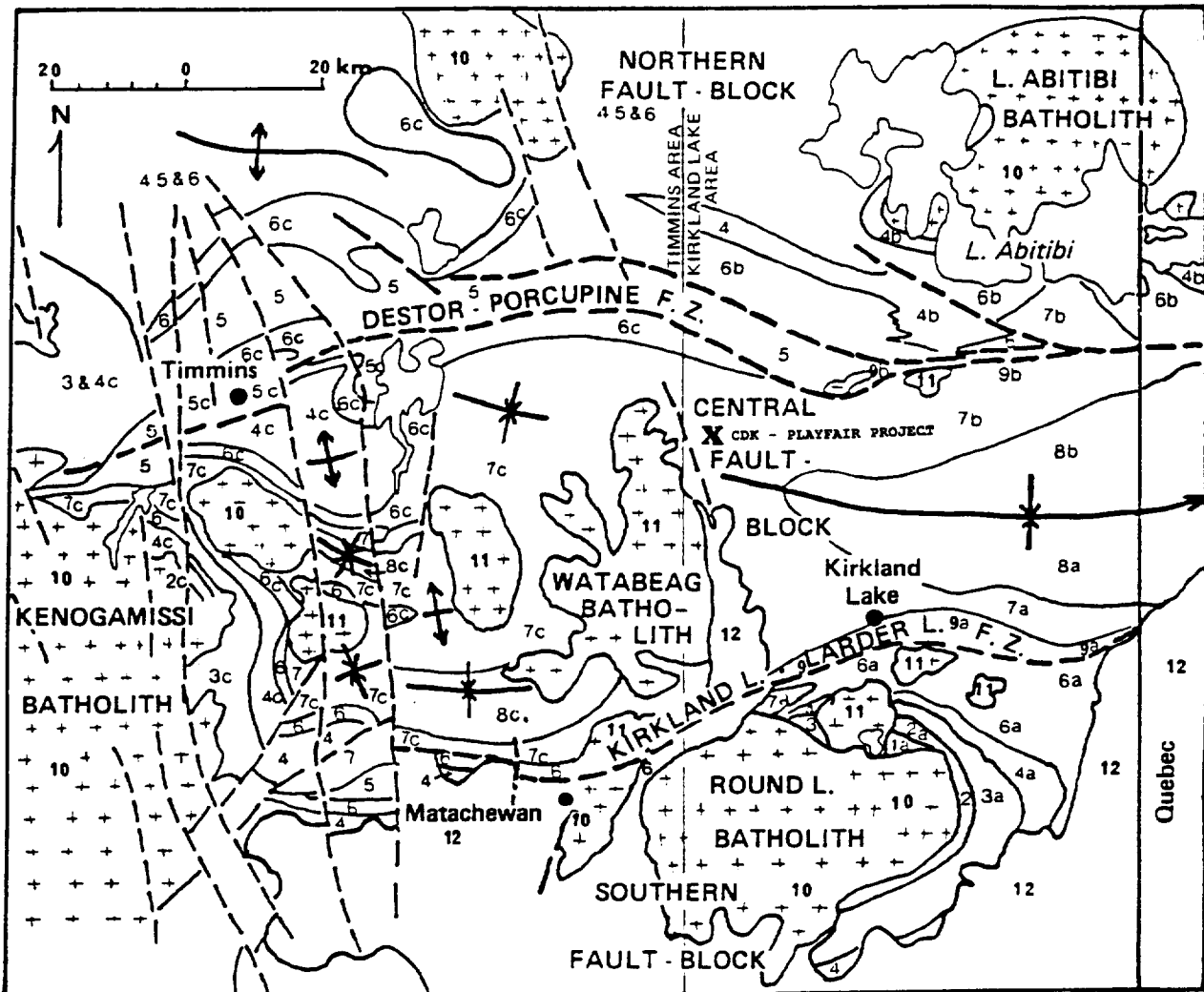
PROPERTY GEOLOGY

Geological mapping by Jensen (1989), Jensen and Baker (1986) and by Johnston and Steele (1989) indicates that the trenched area is underlain by weakly metamorphosed east southeast striking, steeply dipping and south facing fine to medium-grained massive, pillowed and feldspar phyric tholeiitic basalt of the Kinojevis Group. The occurrence is about 12.5 kilometres southwest of the Porcupine-Destor Fault Zone and occupies the north limb of the east striking and east plunging Blake River Synclinorium. Intrusive rocks in the area include narrow generally north striking diabase dikes and small mafic and alkalic intrusive bodies with minor felsic syenite.

Detailed mapping by Sherwin Mines indicates that in the trenched area, narrow east striking dikes of porphyry are present.

A. Bath suggests that the vein system and mineralization may be associated with either a north to northeast striking fold axis of a gentle convex north bedrock fold or a fault. The mineralization, as described by Bath comprises fine quartz veins and stringers with pervasive silicification and pyrite mineralization of the host volcanics. His best sample, which assayed 0.431 oz/ton is described as a sheeted white quartz vein mineralized with 3-5% pyrite. Another sample from a different trench which assayed 0.232 oz/ton is described as light grey to mauve coloured, pervasively silicified, non-magnetic mineralized with 7-10% fine pyrite cubes.

Stripping completed this past summer verifies A. Bath's



LEGEND

Proterozoic

- Keeweenawan diabase (not shown)
- 12 Cobalt Group

Archean

- Matachewan diabase (not shown)

Granitic rocks

- 11 Granodiorite, monzonite, quartz monzonite, syenite
- 10 Massive to gneissic quartz diorite, tonalite, trondhjemite

Upper Supergroup

- 9 9a* Timiskaming Group, 9b** Destor - Porcupine Complex
- 8 8a, 8n, Blake River Group, 8c*** Blake River (Upper Fm., Tisdale Group)

- 7 7a, 7b, Kinojevis Group, 7c Kinojevis Group, (Middle Fm., Tisdale Group)

- 6 6a Larder Lake Group, 6b Stoughton-Roquemaure Group, 6c Lower Fm., Tisdale Group

- 5 5c Porcupine Group

Lower Supergroups

- 4 4a Skead Group, 4b Hunter Mine Group, 4c Upper Fm., Deloro Group
- 3 3a Catherine Group, 3c Middle Fm., Deloro Group
- 2 2a Wabewawa Group, 2c Lower Fm., Deloro Group
- 1 1a Pacaud tuffs ****

*a refers to Kirkland Lake Area, south limb of synclinorium (Jensen 1978c, 1979).
 **b refers to Kirkland Lake Area, north limb of synclinorium (Jensen 1976, 1978b).
 ***c refers to Timmins Area (Pyke 1980)
 **** (Goodwin 1965).

**FIGURE 4 - REGIONAL GEOLOGY
 (FROM JENSEN AND LANGFORD, 1985)**

observations. Two vein systems are present, including a flat sheet-like system dipping shallow to the west as well as a steeply west-dipping vein. Whether this is a single vein set folded upon itself is still not clear.

1997 EXPLORATION PROGRAM

The 1997 program included a soil geochem survey close to the showing area followed by stripping, washing, mapping, blasting and chip sampling of the showing itself. It now appears that the sampling program completed by Temple Gold Mines in 1945 was biased due to the flat-lying orientation of the veins; Temple Gold Mines samples along the veins and not across the veins.

SOIL GEOCHEM SURVEY

A total of 158 B-horizon soil samples were taken on and adjacent to the original gold showing which is centred on the baseline between 8+80N and 9+50N. Samples at 12.5 metre intervals where possible using a grubhoe and shovel. Many of the proposed sample locations were over bedrock resulting in a disjointed sample pattern.

Each sample weighed approximately 200 gms and delivered to Swastika Laboratories where they were dried, screened through an 80 mesh sieve with a portion of the -80 fraction taken for fire assayed. The results were then plotted at a scale of 1:4000.

A statistical evaluation of the results were then plotted on a frequency distribution graph (figure 5) indicating a sample

PLAYFAIR SOIL GEOCHEM SURVEY
FREQUENCY DISTRIBUTION PLOT

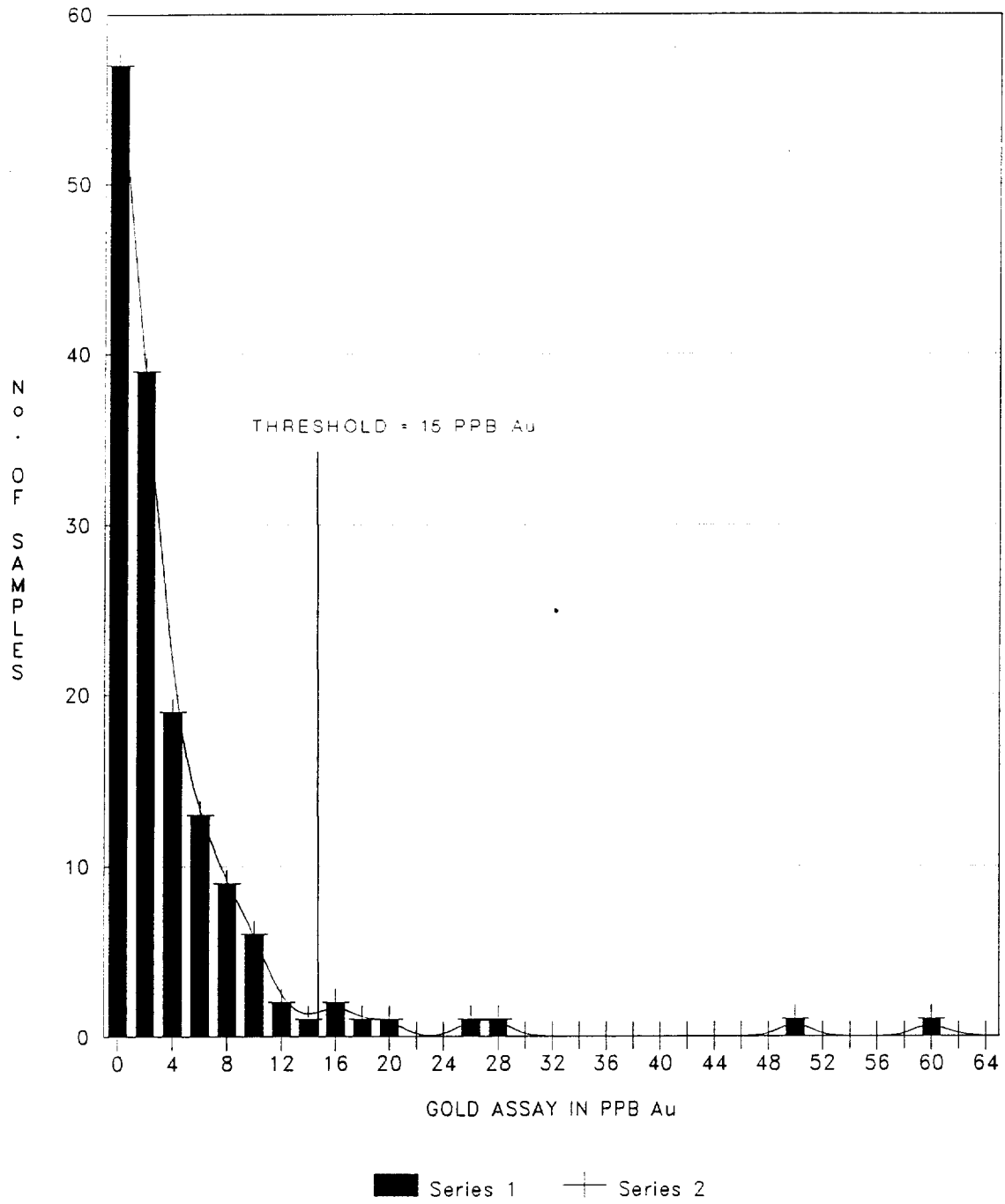


FIGURE 5

threshold of 15 ppb Au with anomalous assays being >45 ppb Au. Only two samples fell within this range, assaying 51.5 and 60 ppb Au. Both samples were from the original showing area. The remaining samples showed no observable trends and contouring of the results is not necessary.

POWER STRIPPING AND SAMPLING

A D-4 bulldozer with attached backhoe was used to clean out the old trenches as well as strip the overburden. The area was then washed using a high pressure hose and prepared for sampling. It was then became apparent that the original sampling by Temple Gold Mines in 1945 was heavily biased as their sampling was along the top of the vein resulting in erroneous results (ie 0.22 oz/ton over 22') Vertical plugger holes were then completed and blasted and chip samples taken across the veins. 3 foot drill steel was used which gave a vertical face between 2-3 feet.

A total of 10 hole were drilled and sampled as well as 2 horizontal chip samples across the sub-vertical vein set. 3 grab samples were taken from the bottom of the existing pits prior to flooding of the pits with water and one additional grab sample was taken from the old trench 'A'. The results of the sampling are tabulated on drawing No. 2 and the following table:

SAMPLE #	CERTIFICATE #	SAMPLE TYPE	WIDTH	GRADE (ppb Au)
#1	7701	Vertical Chip	0.48m	2,726
#2	7702	Vertical Chip	0.67m	146

#3	7703	Vertical Chip	0.40m	9,206
#4*	7704	Horizontal Chip	1.16m	1,817
#5	7705	Vertical Chip	1.01m	3,669
#6	7706	Vertical Chip	0.76m	420
#7	7707	Vertical Chip	0.76m	891
#8	7708	Vertical Chip	0.55m	3,051
#9*	7709	Horizontal Chip	0.98m	6,378
#10	7710	Vertical Chip	0.91m	4,389
#11	7711	Vertical Chip	0.61m	2,331
#12	7712	Vertical Chip	0.61m	1,097
#13	7713	Vertical Chip	0.61m	977
#14**	7714	Grab Sample	N/A	1,680
#15**	7715	Grab Sample	N/A	2,606
#16**	7716	Grab Sample	N/A	4,132
#17	7718	Grab sample	Trench A	4,080

* Chip samples taken over vertical vein set

** Samples taken from the bottom of earlier pits.

Two sets of quartz veins are present including a shallow-dipping set at 20-30° west and a sub-vertical set striking 025° dipping 82° west. The veins proper are mineralized with 4-5% fine disseminated pyrite with minor chalcopyrite. The host basalts are silicified, albitized/feldspathized and in places are heavily mineralized with up to 40% subhedral pyrite. The flat lying system appears to comprise multiple stacked narrow veins with interstitial mineralized basalt.

All assays returned anomalous gold values, the best being 9.21 gms/0.40m from the flat vein system. The sub-vertical vein assayed 1.82 gms/1.16m and 6.38 gms/0.98m. It should be noted that the chip samples across the flat veins do not represent the true width of the mineralization but were limited by the depth of exposure. Grab samples #14, #15 and #16 were taken from the bottom of the existing pits and assayed 1.68 gms, 2.61 gms and 4.13 gms. These samples were taken at least 5 feet deeper than the blasted chip samples.

Grab sample #17 taken from Trench 'A' assayed 4.08 gms indicating that gold mineralization is present over a strike length

of at least 50 metres.

CONCLUSIONS AND RECOMMENDATIONS

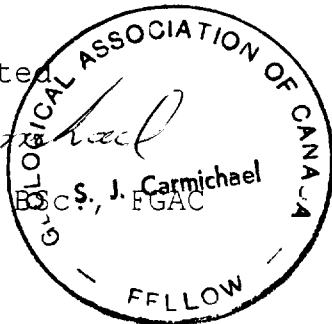
It is possible that the flat vein system is a tightly folded portion of the vertical set caused by localized drag folding along a fault or the mineralization may be localized at the nose of a tightly folded anticline plunging to the west. These may be parasitic structures and a stronger, more regional style fault may be present. The complexities of this showing are evident and additional work is required as follows:

- 1) Additional stripping and washing should be completed to extend the showing at least 25 metres south of Trench 'A'
- 2) A small resource amenable to open pit bulk sampling with a 0 stripping ratio to a depth of 3 metres (1 bench) could be quickly defined by drilling close spaced holes to a vertical depth of 10 metres.
- 3) The existing grid should be extended an additional 400 metres to the east and north and covered by an Induced Polarization survey. Additional mineralization is likely present both north and south of the existing showing.

Respectfully submitted,

Stewart Carmichael

Stewart Carmichael,



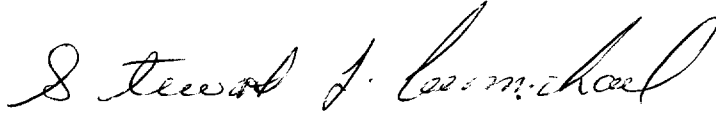
APPENDIX I

Certificate of Qualifications

I, Stewart J. Carmichael, of the Town of Kirkland Lake, in the District of Timiskaming, in the Province of Ontario, Canada, do hereby certify that:

- 1) I am a consulting geologist with address 42 Rand Avenue East, Kirkland Lake, Ont. P2N 1X1.
- 2) I am a graduate of McMaster University, Hamilton, Ontario, having received the degree of Bachelor of Science, Geology from the Faculty of Science in 1982. I have since practised in the field of mineral exploration continuously since graduation.
- 3) I am a Fellow of the Geological Association of Canada.
- 4) In addition to my personal knowledge of the area, I have made use of the records of the Ministry of Natural Resources of Ontario in the preparation of this report.

Dated this 1 day of January, 1998



Stewart J. Carmichael, B.Sc., FGAC

APPENDIX II
SOURCES OF INFORMATION

1. Bath, A.C. 1990. Mineral occurrences, deposits, and mines of the Black River-Matheson area; Ontario Geological Survey, Open File Report 5735, 1883p.
2. Jensen, L.S., and Langford, F.F.
1985: Geology and Petrogenesis of the Archean Abitibi Belt in the Kirkland Lake Area, Ontario; Ontario Geological Survey, Miscellaneous Paper 123, 130p.
3. MERQ-OGS
1983: Lithostratigraphic Map of the Abitibi Subprovince; Ontario Geological Survey/Ministere de l'Energie et des Ressources, Quebec; 1:500,000; catalogued as "Map 2484" in Ontario and "DV 83-16" in Quebec.

Assessment Files Located At The Resident Geologist Office,
Kirkland Lake

KL-3518 - Salo, Larry - Playfair Township
KL-3100 - Weisflock, W., Salo, Larry - Playfair Township
KL-2646 - Temple GML - Playfair Township
KL-2548 - Spar Holdings and Explorations - Playfair Township
KL-2488 - Sherwin Minerals Ltd. - Playfair Township

APPENDIX III

SOIL GEOCHEM AND CHIP/GRAB SAMPLE ASSAYS



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Assay Certificate

7W-3544-RA1

Company: **S. CARMICHAEL**
Project: **Playfair**
Ann: **S. Carmichael**

Date: NOV-19-97

We hereby certify the following Assay of 17 Rock samples submitted SEP-03-97 by .

Sample Number	Au PPB	Au Check PPB	Cu PPM
7701	2571	2880	30
7702	146	-	51
7703	9394	9017	59
7704	1817	-	45
7705	3669	-	54
7706	420	-	28
7707	891	-	39
7708	3051	-	24
7709	6309	6446	83
7710	4389	-	15
7711	2331	-	149
7712	1097	-	145
7713	994	960	90
7714	1680	-	181
7715	2606	-	9
7716	4114	4149	27
7717	4080	-	48

One assay ton portion used.

Certified by



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Page 1 of 2

Geochemical Analysis Certificate

7W-3002-SG1

Company: **S.J. CARMICHAEL**


Date: AUG-01-97

Project: Playfair Twp

Attn: S.J. Carmichael

We hereby certify the following Geochemical Analysis of 53 Soil samples submitted JUL-18-97 by .

Sample Number	Au PPB	Au Check PPB
1	7	-
2	9	7
3	5	-
4	Nil	-
5	2	-
6	7	-
9N West 7	Nil	-
8	3	-
10	2	-
11	3	-
12	9	9
13	5	-
14	2	3
15	2	-
16	12 T	-
17	Nil	-
18	Nil	-
19	2	2
20	3	-
21	5	-
22	3	-
23	5	-
24	5	-
25	2	-
26	3	-
27	3	-
28	2	-
29	5	-
30	27 T	31 ²⁹
31	7	-

Certified by 

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Geochemical Analysis Certificate

7W-3002-SG1

Company: **S.J. CARMICHAEL**
 Project: Playfair Twp
 Attn: S.J. Carmichael

Date: AUG-01-97

We hereby certify the following Geochemical Analysis of 53 Soil samples submitted JUL-18-97 by .

Sample Number	Au PPB	Au Check PPB
32	2	-
33	Nil	-
34	Nil	-
35	Nil	2
36	Nil	-
37	Nil	-
38	Nil	-
39	2	-
40	Nil	-
41	9	-
42	12 <i>B-Ho</i>	5 <i>65W</i>
43	3	-
44	2 <i>p.</i>	-
45	12 <i>Till</i>	-
46	2	-
47	9	3
48	2	-
49	3	-
50	2	-
51	12 <i>B-Ho</i>	-
52	2	-
53	3	-
54	5	3

Certified by *[Signature]*



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Geochemical Analysis Certificate

7W-3003-SG1

Company: **S.J. CARMICHAEL**

Date: AUG-01-97

Project: Playfair Twp

Attn: S.J. Carmichael

We hereby certify the following Geochemical Analysis of 40 Soil samples submitted JUL-18-97 by .

Sample Number	Au PPB	Au Check PPB
55	7	-
56	5 T	-
57	Nil	3
58	2 T	-
59	10 T	-
60	2 T	-
61	Nil	-
62	2	-
63	5 T	-
64	3	-
65	3 T	-
66	Nil	-
67	15	-
68	Nil	-
69	5	-
70	9	-
71	5	3
72	3	-
73	5	-
74	2 T	-
75	5 T	-
76	14 T	22
77	10 T	-
78	27 T	-
79	2	-
80	14	-
81	2	Nil
82	2	-
83	3 T	-
84	3	-

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Geochemical Analysis Certificate

7W-3003-SG1


Company: **S.J. CARMICHAEL**
Project: Playfair Twp
Attn: S.J. Carmichael

Date: AUG-01-97

We hereby certify the following Geochemical Analysis of 40 Soil samples submitted JUL-18-97 by .

Sample Number	Au PPB	Au Check PPB
85	3 T	-
86	9	-
87	10 T	-
88	3 T	-
89	2 T	5
90	2	-
91	3 T	-
92	2+	-
93	2	-
94	Ni 1 T	-

9N East

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7W-3004-SG1

Company: **S.J. CARMICHAEL**

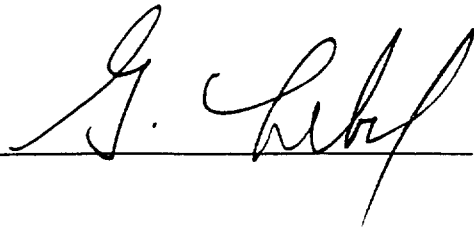
Project: Playfair Twp

Attn: S.J. Carmichael

Date: AUG-01-97

We hereby certify the following Geochemical Analysis of 65 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
95	21	-
96	3	-
97	2	-
98	2	-
99	7	-
100	3	2
101	3	-
102	3	-
103	3	-
104	7	-
105	7	-
106	3	-
107	14	-
108	Nil	-
109	3	-
110	7	-
111	2	3
112	Nil	-
113	5	-
114	7	-
115	3	-
116	2	-
117	2	-
118	5	-
119	3	-
120	3	-
121	Nil	-
122	5	5
123	7	-
124	5	-

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Geochemical Analysis Certificate

7W-3004-SG1

Company: **S.J. CARMICHAEL**


Date: AUG-01-97

Project: Playfair Twp

Attn: S.J. Carmichael

We hereby certify the following Geochemical Analysis of 65 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
125	3	-
126	7	-
127	2	-
128	Nil	-
129	2	-
130	3	2
131	5	-
132	2	-
133	3	-
134	12	-
135	2	-
136	2	-
137	Nil	-
138	9	12- 10/5
139	2	-
140	17	-
141	3	-
142	3	-
143	5	-
144	Nil	-
145	2	-
146	3	-
147	7	-
148	5	-
149	3	-
150	10	-
151	60	-
152	12	-
153	55	48
154	2	-

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Page 3 of 3

Geochemical Analysis Certificate

7W-3004-SG1

Company: **S.J. CARMICHAEL**

Date: AUG-01-97

Project: Playfair Twp

Attn: S.J. Carmichael

We hereby certify the following Geochemical Analysis of 65 Soil samples submitted JUL-25-97 by .

Sample Number	Au PPB	Au Check PPB
155	3	-
156	3	-
157	2	-
158	5	-
159	2	-

B.L.

Certified by



Personal information collected on this form is obtained under the authority of the Mining Act, the information is a public record. This information will be used for the purposes of the Mining Act. Questions about this collection should be directed to the Chief Minister, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

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

2.18058

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

Name <i>Stewart Carmichael</i>	Client Number <i>115973</i>
Address <i>42 Rand Av. East</i>	Telephone Number <i>567-7287</i>
<i>Kirkland Lake, Ont. P2W 1X1</i>	Fax Number
Name <i>Mike Dymont / S. Kidston</i>	Client Number <i>128504/151995</i>
Address <i>P.O. Box 66, Sessatika, Ont.</i>	Telephone Number <i>642-3062</i>
<i>POK 170</i>	Fax Number

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

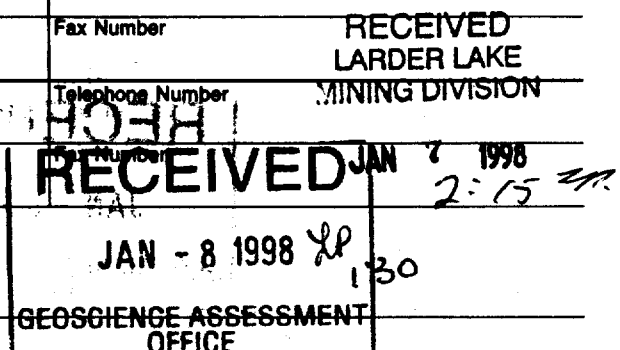
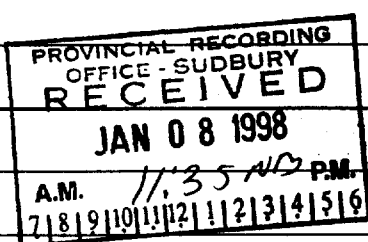
- Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical: drilling, stripping, trenching and associated assays Rehabilitation

Work Type <i>Soil Geochem</i>	Office Use
	Commodity
	Total \$ Value of Work Claimed <i>3206</i>
Dates Work Performed From <i>30</i> Day <i>06</i> Month <i>97</i> Year To <i>20</i> Day <i>07</i> Month <i>97</i> Year ✓	NTS Reference
Global Positioning System Data (if available)	Mining Division <i>Larder Lake</i>
Township/Area <i>Playfair Twp.</i>	Resident Geologist District <i>Kirkland Lake</i>
M or G-Plan Number <i>M-331</i>	

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 <i>Stewart Carmichael</i>	Telephone Number <i>705-567-7287</i>
Address <i>42 Rand Av. East, Kirkland Lake</i>	Fax Number
Name <i>P2W 1X1</i>	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number



4. Certification by Recorded Holder or Agent

I, Stewart Carmichael, 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 <i>Stewart Carmichael</i>	Date <i>Jan. 7/98</i>
Agent's Address <i>42 Rand Av. E. Kirkland Lake</i>	Telephone Number <i>567-7287</i>
<i>P2W 1X1</i>	Fax Number

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

2. 18058

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 to be distributed at a future date.
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$8,892	\$4,000	0	\$4,892
1 1211867	6	3,206.00 3,206.00	2,376.00		827.75 830.00 S.c.
2					
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14					
15					
Column Totals		3,206.00 3,206.75	2,376.00	-	827.75 830.00 S.c.

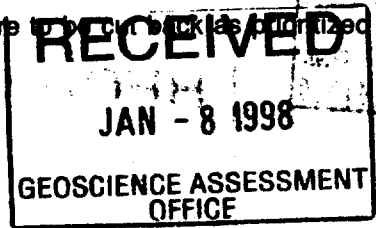
I, Stewart Carmichael, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: Stewart Carmichael Date: Jan. 7/97

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 LARDER LAKE MINING DIVISION JAN 7 1998 2:15 PM	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 8(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.18058

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Soil Assays	158 samples	\$ 10.16	1,605.75
Field work	8 days	\$ 200.00/day	1,600.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Food and Lodging Costs			
Total Value of Assessment Work			3,205.75

RECEIVED
LARDER LAKE
MINING DIVISION

JAN 7 1998

2:15 PM

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 $\times 0.50 =$ 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.

RECEIVED
JAN - 8 1998
GEOSCIENCE ASSESSMENT
OFFICE

Certification verifying costs:

I, Stewart Carmichael, 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 Stewart Carmichael I am authorized to make this certification.
(please print full name)
(recorded holder, agent, or state company position with signing authority)
Recorder Holder

Signature: [Signature] Date: Jan 10 1998 S.C.

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

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

2.18058

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

Name <i>Stewart Carmichael</i>	Client Number <i>115973</i>
Address <i>42 Rand Av. East Kirkland Lake P2N 4X1</i>	Telephone Number <i>567-7287</i>
	Fax Number
Name <i>M. Dymont / J. Kidston</i>	Client Number <i>128504/151995</i>
Address <i>P.O. Box 66, Swastike, Ont. P0K 1T0</i>	Telephone Number <i>62642-3062</i>
	Fax Number

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

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

Work Type <i>Power Stripping</i> Geology	Office Use
	Commodity
Dates Work Performed From <i>13 08 97</i> To <i>28 08 97</i>	Total \$ Value of Work Claimed <i>6/k</i>
Global Positioning System Data (if available)	NTS Reference
Township/Area <i>Playfair Township</i>	Mining Division <i>Larder Lake</i>
M or G-Plan Number <i>M-381</i>	Resident Geologist District <i>Kirkland Lake</i>

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 <i>Stewart Carmichael</i>	Telephone Number <i>567-7287</i>
Address <i>42 Rand Av. East, Kirkland Lake</i>	Fax Number
Name <i>P2N 4X1</i>	Telephone Number
Address	Fax Number
Name	Telephone Number
Address	Fax Number

RECEIVED

JAN - 8 1998 *JP 10:30*

GEOSCIENCE ASSESSMENT OFFICE

RECEIVED LARDER LAKE MINING DIVISION
JAN 7 1998

2:15 PM

4. Certification by Recorded Holder or Agent

I, *Stewart Carmichael*, 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 <i>Stewart Carmichael</i>	Date <i>Jan. 7/98</i>
Agent's Address <i>42 Rand Av. E., Kirkland Lake P2N 4X1</i>	Telephone Number <i>567-7287</i>
	Fax Number

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed at the time work was performed. A map showing the contiguous link must accompany this form. **2.18058**

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	0	\$24,000	0	0
eg 1234568	2	\$8,892	\$4,000	0	\$4,892
1 1211867	6	6,116.00 s.c. 6,115.50		6000.00	116.00 s.c. -115.50
2 1217534	8	φ	3,200.00 ✓		
3 1217535	1	φ	400.00 ✓		
4 1213824	2	φ	800.00 ✓		
5 1217536	2	φ	800.00 ✓		
6 1217560	2	φ	800.00 ✓		
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14					
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Column Totals		8.c. 6,116.00 6,115.50	6,000.00	6000.00	116.00 s.c. 115.50

I, Stewart Carmichael (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: Stewart Carmichael Date: Jan. 7/97

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

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

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

For Office Use Only

Received Stamp RECEIVED LARDER LAKE MINING DIVISION JAN 7 1998 2-15-98	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, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 8th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2.18058

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
Stripping	D-4 (cat) 40 hrs.	\$7.69	2307.50
Labour, washing + sampling	5 days	\$200.00/day	1,000.00
Explosives Expert	2 days	\$200/day	400.00
Geologist - Mapping + report	6 days	\$250.00/day	1,500.00
Assays, Au + Cu	17 samples	\$15.00/sample	255.00
Associated Costs (e.g. supplies, mobilization and demobilization).			
	Fuses		100.00
	Pump	\$25/day	75.00
	Pluggers	\$50/day	100.00
	Transportation Costs 1,080 km	.35/km	378.00
RECEIVED LARDER LAKE MINING DIVISION			
Food and Lodging Costs			
JAN 7 1998			
2:15 HR			
RECEIVED			Total Value of Assessment Work
JAN - 8 1998			6,115.50

Calculations of Filing Discounts: **GEOSCIENCE ASSESSMENT OFFICE**

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 × 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, Stewart Carmichael, 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 Recorded Holder I am authorized to make this certification.

Signature: [Signature] Date: Jan 7 1998

March 31, 1998

STEWART JAMES CARMICHAEL
42 RAND AVENUE, EAST
KIRKLAND LAKE, ONTARIO
P2N-1X1

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

Telephone: (888) 415-9846
Fax: (705) 670-5881

Dear Sir or Madam:

Submission Number: 2.18058

	Status
Subject: Transaction Number(s):	
W9880.00020	Approval
W9880.00021	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.

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

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at benetest@epo.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,



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

Work Report Assessment Results

Submission Number: 2.18058

Date Correspondence Sent: March 31, 1998

Assessor: Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00020	1211867	PLAYFAIR	Approval	March 30, 1998

Section:

13 Geochemical GCHEM

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00021	1211867	PLAYFAIR	Approval	March 30, 1998

Section:

10 Physical PSTRIIP

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Assessment Files Library
Sudbury, ON

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

STEWART JAMES CARMICHAEL
KIRKLAND LAKE, ONTARIO

LESLIE MICHAEL DYMENT
Swastika, Ontario

JOCELYNE ANNE KIDSTON
SWASTIKA, Ontario
