



42A08SW0010 2.10858 BENOIT

010

Butler/Eleven Property
57 Claims
in
Benoit and Black Townships

2.10858

District of Cochrane
Larder Lake Mining Division

February, 1988

RECEIVED
FEB 23 1988
MINING LANDS SECTION

Produced by J. Lourim Associates
Consulting Geologists
Toronto, Ontario

Summary

The property comprises 57 claims in Benoit and Black Townships in a portion of the Kirkland Lake-Larder Lake and Destor-Porcupine gold area (fig. 1.), which is near the 'nose' of the Blake River Synclinorium, mainly on the north limb. It is a few miles south of the presently producing Pamour Porcupine's Ross Mine and southeast of The Canadian Arrow Mine, both of which are in Hislop Township.

The Ross Mine has produced 932,396 oz/Au and over 1.5 million oz/Ag to the end of 1986. The Canadian Arrow Mine produced 17,045 oz/Au between 1980-1983.

The presence of syenitic intrusives in the west central portion suggests a favourable possibility for a 'heat pump' mechanism for gold deposition both in the volcanics and in the intrusive itself.

Many gold deposits are hosted by or associated with felsic intrusives such as the Canadian Arrow, Ross, Macassa, Murphy-Garrison.

Ontario Government R.C. Drillholes have returned a number of anomalous areas of gold mineralization both in geochemical assays of overburden as well as in gold flakes counted on the shaking tables from the north portion of Benoit Township. As well, the presence of eskers here is favourable for the determination of kimberlites as eskers were found to contain kimberlite indicator minerals in other areas surveyed by the Ontario Government. Since diamonds are found in kimberlite bodies, there is a potential for diamonds in the areas, as a result. The occurrence of a diamond in esker material in the nearby Sheraton Township indicates the presence of macroscopic, rather than merely microscopic diamonds.

Several gold properties have returned anomalous gold values from nearby claim groups. For example, Legend Gold Mines property which is southwest of Butler Lake in Black Township had up to 0.94 oz/t in chip samples.

Summary (Cont'd)

An Ontario Government drillhole to the east of the property returned 15,000 ppb's Au in upper sands and 1300 ppb's Au in lower gravels. Also, a maximum of 6 gold flakes in tills was found in one hole and another hole contained 9 gold flakes in the total overburden. Noranda outlined a conductor in the northwest portion and later, Lacana Mines outlined another conductor nearby and confirmed the Noranda conductor. The Noranda conductor was due to graphite but zinc values were also obtained.

Geochemical surveys were conducted in the spring and fall of 1987 on the claim group and a few elevated gold values were obtained.

Gold in humus outlined a few areas with Au potential, including one area which has a gold humus anomaly the length of a claim. Elevated base metals values were also obtained.

As a result of these preliminary findings, history and associations, a program of ground geophysics involving VLF-EM and magnetometer surveys is recommended to delineate magnetic anomalies, geological contacts and conductive zones. This geophysics would be followed by a program of diamond drilling of 10,000 feet. An optional additional phase would consist of a detailed reverse circulation drill program in the southwestern portion of the claim group in the area associated with the eskers.

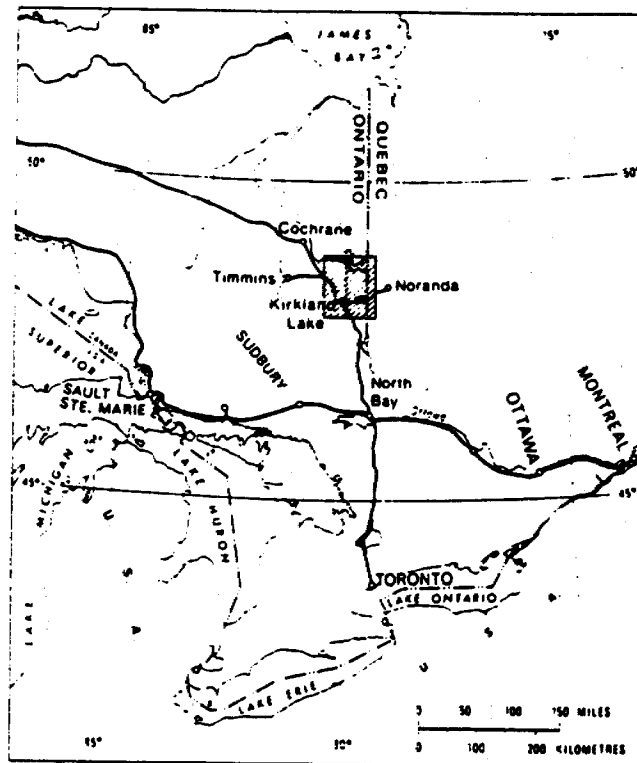


Figure 1. Key map showing location of the Kirkland Lake area.

INDEX MAP
figure 1.

Introduction

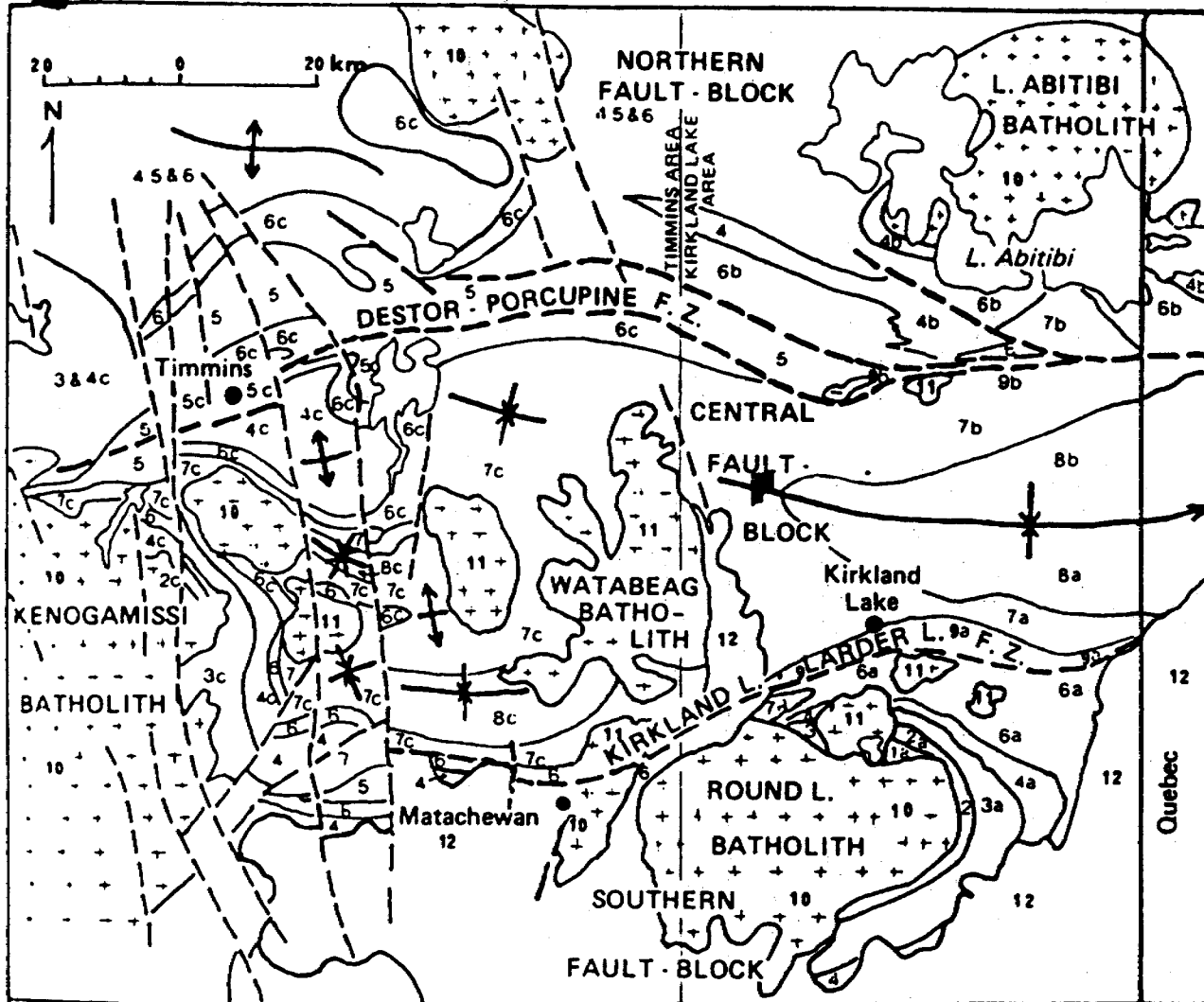
The Butler/Eleven Claim Group is located between the Kirkland Lake-Larder Lake and Destor-Porcupine gold camps in the nose of the Blake River Synclinorium (Figure 2). It is composed of 57 claims in Benoit and Black Townships (Figure 3). Rocks of the Kinojevis Group underlie the property which contains a syenite intrusive in the central and western portion of the property.

Several past and present producing gold mines are located in the Kirkland Lake gold camp including the Macassa, Wright-Hargreaves, Kerr Addison, Lake Shore, Teck-Hughes, McBean, Ross Mine and the Canadian Arrow. The Ross Mine is north of the Butler/Eleven Claim Group in Hislop Township and has produced, to the end of 1986 when the latest figures were available (O.G.S. MP 134), 932,396 oz. Au and over 1.5 million oz. Ag. In the southwestern portion of Hislop Township is the Canadian Arrow Mine which produced over 17,000 Au between 1980-83.

A geochemical survey was conducted in the spring of 1987 and another one was conducted in the fall of 1987. A few elevated gold values were returned.

Humus was sampled and as a result, several gold-potential areas have been outlined, including an east-west area the length of a claim.

The author worked on the heavy mineral separates obtained from the Kirkland Lake Incentives Programs' (KLIP) Reverse Circulation Drilling of the Ontario Geological Survey (O.G.S.) from 1980-1984, and worked on portions of the basal till backhoe sampling program in 1981. Except for a roadside field stop in 1983, the author first visited the property in the spring of 1987.



LEGEND

- | | | |
|---|-------------------|--|
| Proterozoic | 7 | 7a, 7b, Kinojevis Group, 7c Kinojevis Group, (Middle Fm., Tisdale Group) |
| 12 Keeweenawan diabase (not shown) | 6 | 6a Larder Lake Group, 6b Stoughton-Roquemaure Group, 6c Lower Fm., Tisdale Group |
| 12 Cobalt Group | 5 | 5c Porcupine Group |
| Archean | Lower Supergroups | |
| Matachewan diabase (not shown) | 4 | 4a Skead Group, 4b Hunter Mine Group, 4c Upper Fm., Deloro Group |
| Granitic rocks | 3 | 3a Catherine Group, 3c Middle Fm., Deloro Group |
| 11 Granodiorite, monzonite, quartz monzonite, syenite | 2 | 2a Wabewawa Group, 2c Lower Fm., Deloro Group |
| 10 Massive to gneissic quartz diorite, tonalite, trondhjemite | 1 | 1a Pacaud tuffs **** |
| Upper Supergroup | | |
| 9 9a* Timiskaming Group, 9b** Destor - Porcupine Complex | | |
| 8 8a, 8b, Blake River Group, 8c*** Blake River (Upper Fm., Tisdale Group) | | |
| **** refers to Kirkland Lake Area, south limb of synclinorium (Jensen 1978c, 1979). | | |
| **** refers to Kirkland Lake Area, north limb of synclinorium (Jensen 1976, 1978b). | | |
| **** refers to Timmins Area (Pyke 1980) | | |
| **** (Goodwin 1965). | | |

Geological map of the Timmins - Kirkland Lake area.

PROPERTY LOCATION AND GEOLOGY
FIGURE 2

Location and Access

The property is in the District of Cochrane, Ontario in the Larder Lake Mining Division and is to the north of the Kirkland Lake-Larder Lake Gold Belt. The Butler/Eleven property is formed of 57 claims which are in the northwest portion of Benoit Townships in Lot 12, between Concessions IV to VI and in the east central portion of Black Township immediately south of Butler Lake. It is at approximately 80° longitude and $48^{\circ} 20'$ Latitude in NTS area 42A/8 (fig 1.).

Access to the property is along Highway 11 which borders several of the claims and passes through some of the southern claims (Figure 3). Several small access roads cut across the property. The claim group is about 15 miles northwest of the city of Kirkland Lake. Utilities, resources and manpower of several small cities are readily available. There is a railway line which is one mile from the north-eastern boundary of the claim group.

Ownership and Claims

The claims are 100% jointly owned by Jeanette Lourim and Diane Litwicki who each own 50% of the claim group:
Jeanette Lourim, 19 Mckayfield Rd, Toronto, Ontario M4J 4P6. #A 49632.
Diane Litwicki, 28 Rains, Toronto, Ontario, M6G 3H5.#A 49732.

The Total 57 claims in Benoit and Black Townships are:

Black Twp. : L 947122, L947123, L947124, L947125, L955546, L955547
L 955548, L955549, L955550, L955551, L955552, L955553
L 955554, L955555. (14 claims)
Benoit Twp. L 951146, L951147, L951148, L951149, L951150,
L 955134, L955135, L955136, L955137
L 955642, L955643, L955644, L955645, L955646, L955647
L 955648, L955649, L955650.
L 956490, L956491, L956492, L956493, L956494, L956495
L 956496, L956497, L956498, L956499, L956500, L956501
L 956502, L956503, L956504, L956505, L956506, L956507
L 956508, L956509, L956510, L956511, L956512, L956513
L 956514. (43 claims).

The claim group is jointly owned .

50% by Jeanette Lourim 19 Mckayfield Rd.
#A 49632 Toronto, Ontario
M4J 4P6
50% by Diane Litwicki 28 Rains
#A 49732 Toronto, Ontario
M6G 3H5

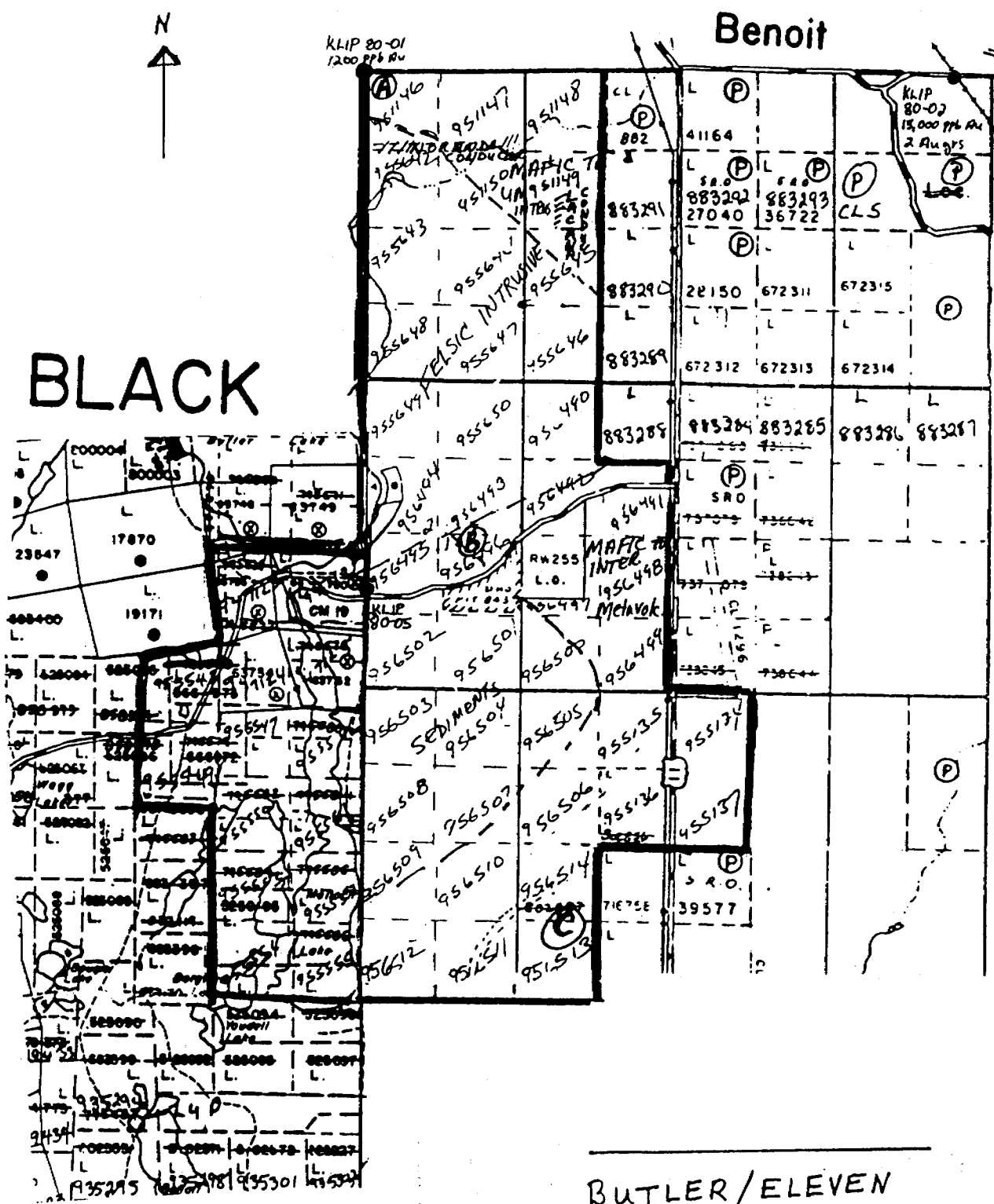


Figure 3.

BUTLER/ELEVEN
 CLAIM GROUP
 Black/Benoit Twps
 57 CLAIMS
 Scale: 1" = 1/4 mile

Geochemical Surveys and Results

Geochemical sampling of soil and humus was undertaken along a few selected traverses in May and September of 1987. The traverses were selected based on potential mineralized zones.

The samples were collected at 50 and 100 ft. intervals in the central, northwest and southeast portions of the Butler/Eleven Claim Group (Maps A,B,C, Backpocket). A sample was collected at each of 52 sites which yielded 51 humus and 51 soil samples.

The soils were sampled from a depth of 2.5 to 3.5 ft. and consisted of a poorly developed 'B' horizon, or zone of oxidation or glacial till. The samples weighed in excess of 250 grams, were collected by a soil auger and were placed in standard Kraft manilla envelopes and were hung to dry prior to shipping to the labs. 17 samples were analyzed by Accurassay Laboratories Ltd. of Kirkland Lake for Au, Ag in soil with 2 samples assayed for Pt/Pd, and Au in humus. 85 samples were analyzed by X-Ray Assay Labs Ltd. of Don Mills for Au, Ag, Cu, Zn, Pb, Ni and eight other elements in soil, and Au, Ag, As, Zn, Mo and eleven others in humus (see appendix A).

In addition, 10 rock samples were analyzed which consisted of chip samples of quartz veins from the syenite outcrop. (see appendix A).

Results: In traverse area 'A' (Map A) humus returned a high of 4.5 Clarkes (See Claim Map and Map 'A'). In traverse area 'B' (Map B-I) adjacent values occurred of 2.0 and 3.8 Clarkes, a value of 2.3 Clarkes and at the northeastern end of the traverse, a value of 7.8 Clarkes occurred.

Geochemical Surveys and Results (Cont'd)

In traverse area 'C' (Map C) a humus anomaly occurs which is the width of a claim boundary and strikes east-west. It was not tested on the north and south, except at the eastern margin where humus values up to 22 Clarkes Au, the highest on the property thus far, were obtained. The site has a slight soil anomaly of 87 ppb's Au. An adjacent sample has slightly elevated Au (41ppb's) in soil and a slight nickel anomaly of 140 `ppb's. A few hundred feet south of this, slightly elevated values in humus (2.0 Clarkes Au) and soils (130 ppm Ni) were returned. No Pt/Pd values were returned and the results of rocks samples from the outcrop where chip samples of quartz veins were taken, returned minimal Au as did the pebbles (87R-009,010) from soil auguring holes.

Conclusion/Recommendations

The results of the geochemical survey confirm the presence of Au on the Butler/Eleven property

All three surveyed areas contain elevated and anomalous Au values in humus with the one on the northwest associated with slightly elevated arsenic, the central area associated with zinc and the southeastern area which is a claim-width wide, associated with nickel. Slightly elevated molybdenum is associated with all three areas.

The area is favourable for further work not only because of the results of the geochemical surveys but also because of the presence of the Canadian Arrow, the Ross Mine and the Davidor.

The presence of two conductors, one of which while graphitic, contains zinc values, may be important in future studies.

Several KLIP R.C. Drillholes in the vicinity returned highly anomalous gold values in the overburden with one sample assaying 0.5oz/t Au and another sample containing 3600 ppb's in upper tills. Numerous Au grains and flakes are reported in both till and non-till material. Nearby the Legend Gold Mines obtained 0.94 oz/t Au from chip samples. Eskers and the associated magnetic anomalies provide potential for the presence of kimberlites, the ore of diamonds and can also be useful for gold exploration.

A program of ground geophysics is recommended to outline geological structures and contacts and would consist of a Proton Magnetometer Survey and VLF-EM. This would be followed by a diamond drilling program of 10,000 feet.

An additional optional program of reverse circulation drilling is recommended for the southwestern portion of the property. In order to delineate areas of gold and diamond potential, a 3,000 ft program is recommended.

Certificate

I, JEANETTE LOURIM, of the City of Toronto, Province of Ontario, hereby declare that

1. I am a consulting geologist working from my office at 19 Mckayfield Road of the City of Toronto, of the Province of Ontario.
2. I hold an Honours B.Sc. from the University of Toronto and a B.A. from Wayne State University, in the City of Detroit, State of Michigan, U.S.A.
3. Have practiced my profession as a geologist since 1975 for both government and industry in Quebec, Ontario, Manitoba, Saskatchewan and British Columbia.
4. Worked on the Kirkland Lake Incentives Program for the Ontario Government for four and one-half years.
5. Researched assessment files and reports and drew on known sources and maps for information in this report.
6. I am joint owner of this property.
7. I personally managed the field surveys.

February 22, 1988
February, 1988

Jeanette Lourim

Jeanette Lourim

Jeanette Lourim and Associates
19 Mckayfield Road
Toronto, Ontario
M4J 4P6

(416) 467-1437

APPENDIX
Geochemical Assays

Maps (Backpocket)

CERTIFICATE OF ANALYSIS

TO: JEANETTE LOURIM & ASSOCIATES
ATTN: J. LOURIM
16 BALDWIN STREET
TORONTO, ONTARIO
M5T 1L2

CUSTOMER NO. 1505

DATE SUBMITTED
30-OCT-87

REPORT 2242

REF. FILE 29537-

42 HUMPUS

WERE ANALYSED AS FOLLOWS:

	METHOD	DETECTION LIMIT
AU PPM	NA	1.000
CR PPM	NA	1.000
FE %	NA	0.050
CO PPM	NA	1.000
ZN PPM	NA	20.000
AS PPM	NA	1.000
SE PPM	NA	2.000
BR PPM	NA	1.000
MO PPM	NA	0.500
AG PPM	NA	2.000
SB PPM	NA	0.100
CA PPM	NA	100.000
TA PPM	NA	0.500
W PPM	NA	1.000
TH PPM	NA	0.500
U PPM	NA	0.100

DATE 23-OCT-87

X-RAY ASSAY LABORATORIES LIMITED
CERTIFIED BY 

SAMPLE	AU PPB	CR PPM	FE %	CO PPM	ZN PPM	AS PPM
87-001H	<2	9	0.22	2	<20	1
87-002H	7	37	0.94	2	<20	4
87-003H	6	34	0.48	2	30	4
87-004H	5	27	0.50	1	20	5
87-005H	NH	NH	NH	NH	NH	NH
87-006H	6	33	0.74	2	<20	4
87-007H	5	26	0.48	2	40	5
87-008H	8	33	0.68	3	60	5
87-009H	7	22	0.55	2	60	6
87-010H	6	34	0.55	1	40	4
87-011H	5	35	0.61	2	40	5
87-012H	7	46	1.19	3	<20	4
87-013H	8	50	0.86	2	<40	4
87-014H	NH	NH	NH	NH	NH	NH
87-015H	6	37	0.47	2	60	4
87-017H	7	32	0.32	2	30	6
87-018H	6	27	0.62	2	50	5
87-019H	7	23	0.67	3	90	7
87-020H	5	22	0.66	4	50	6
87-021H	6	24	0.59	2	30	4
87-022H	4	52	0.77	3	40	3
87-023H	5	19	0.49	3	50	5
87-024H	9	55	0.98	4	50	5
87-025H	3	31	0.69	3	60	5
87-026H	6	47	1.04	4	80	6
87-027H	6	82	1.24	4	<40	6
87-028H	<1	36	0.54	2	60	2
87-029H	3	31	0.77	4	60	4
87-030H	15	27	0.54	2	40	6
87-031H	8	23	0.65	2	<20	5
87-032H	6	26	0.56	2	130	4
87-033H	7	33	1.04	4	30	6
87-034H	2	31	0.57	6	200	2
87-035H	4	47	0.58	3	50	3
87-036H	31	90	1.39	5	<40	5
87-037H	6	30	0.66	2	60	5
87-038H	4	37	0.68	3	70	5
87-039H	<4	100	1.62	8	<40	2
87-040H	6	21	0.39	2	20	10
87-041H	4	29	0.64	2	20	4
87-042H	6	29	0.45	2	60	4
87-043H	7	20	0.50	2	30	7

NH - NOT HUMUS

SAMPLE	SE PPM	BR PPM	MC PPM	AG PPM	SB PPM
87-001H	<2	1	<0.6	<2	0.1
87-002H	<2	4	<0.5	<2	0.5
87-003H	<2	5	<0.5	<2	0.5
87-004H	<2	5	<0.5	<2	0.6
87-005H	NH	NH	NH	NH	NH
87-006H	<2	4	<0.5	<2	0.7
87-007H	<2	7	<0.5	<2	0.7
87-008H	<4	6	<1.0	<2	0.6
87-009H	<2	8	<0.5	<2	0.8
87-010H	<2	7	<0.5	<2	0.5
87-011H	<2	7	<0.5	<2	0.7
87-012H	<2	6	<0.5	<2	0.6
87-013H	<2	9	1.1	<2	0.7
87-014H	NH	NH	NH	NH	NH
87-015H	<2	7	0.7	<2	0.6
87-017H	<2	6	<0.5	<2	0.8
87-018H	<2	7	<0.5	<2	0.8
87-019H	<2	9	<0.5	<2	0.9
87-020H	<2	3	<0.5	<2	0.9
87-021H	<2	10	<0.5	<2	0.5
87-022H	<2	5	0.5	<2	0.3
87-023H	<2	8	0.6	<2	0.8
87-024H	3	7	0.8	<2	0.6
87-025H	2	8	<0.5	<2	0.4
87-026H	<2	10	<0.5	<2	0.7
87-027H	<2	5	0.7	<2	0.5
87-028H	<2	6	<0.5	<2	0.3
87-029H	<2	7	<0.5	<2	0.5
87-030H	2	3	<0.5	<2	0.9
87-031H	2	8	0.5	<2	0.7
87-032H	<2	7	<0.5	<2	0.7
87-033H	<2	7	<0.5	<2	0.5
87-034H	<2	7	<0.5	<2	0.3
87-035H	<2	5	<0.5	<2	0.5
87-036H	<2	6	1.2	<2	0.4
87-037H	<2	9	<0.5	<2	0.8
87-038H	<2	7	<0.5	<2	0.7
87-039H	<2	4	<0.5	<2	0.2
87-040H	<2	14	0.6	<2	1.0
87-041H	<2	8	<0.5	<2	0.4
87-042H	<2	8	<0.5	<2	0.7
87-043H	2	20	0.7	<2	0.9

NH - NOT HUMUS

SAMPLE	BA PPM	TA PPM	W PPM	TH PPM	U PPM
87-C01H	100	<0.7	<1	0.7	0.3
87-C02H	200	<0.6	<1	1.8	0.3
87-C03H	200	<0.5	<1	1.3	0.3
87-C04H	200	<0.5	<1	1.3	0.4
87-C05H	NH	NH	NH	NH	NH
87-006H	200	<0.6	<1	1.6	0.3
87-007H	200	<0.5	1	2.4	0.5
87-008H	400	<1.2	<1	2.5	0.6
87-009H	200	<0.5	<1	2.1	0.4
87-010H	200	<0.5	<1	1.5	0.3
87-011H	200	<0.5	<1	1.1	0.4
87-012H	200	<0.6	<1	1.3	0.5
87-013H	600	<1.1	<1	2.0	0.7
87-014H	NH	NH	NH	NH	NH
87-015H	200	<0.5	<1	1.2	0.2
87-017H	200	<0.5	<1	3.0	0.4
87-018H	300	<0.5	<1	2.5	0.4
87-019H	300	<0.5	<1	1.7	0.4
87-020H	400	<0.5	<1	1.7	0.4
87-021H	200	<0.5	<1	0.9	0.2
87-022H	200	<0.6	1	1.6	0.2
87-023H	300	<0.5	<1	1.4	0.2
87-024H	400	<1.1	<1	2.8	0.5
87-025H	200	0.6	<1	1.2	0.3
87-026H	400	<1.1	<1	2.0	0.7
87-027H	600	<1.2	<1	2.4	0.5
87-028H	200	<0.5	<1	1.0	0.2
87-029H	300	<0.5	<1	1.5	0.5
87-030H	200	<0.5	1	1.5	0.3
87-031H	200	<0.5	<1	1.6	0.2
87-032H	200	<0.5	<1	1.1	0.4
87-033H	200	<0.5	<1	1.2	0.3
87-034H	200	<0.5	<1	1.1	0.3
87-035H	200	<0.5	<1	1.4	0.4
87-036H	400	<1.2	<1	3.6	0.7
87-037H	200	<0.5	<1	1.9	0.3
87-038H	200	0.5	<1	1.7	0.2
87-039H	400	<1.4	<1	2.0	0.4
87-040H	100	<0.5	<1	1.1	0.2
87-041H	100	<0.5	<1	1.3	0.2
87-042H	200	<0.5	<1	1.0	0.2
87-043H	200	<0.5	<1	1.8	0.5

NH - NOT HUMUS

CERTIFICATE OF ANALYSIS

TO: JEANETTE LOURIM & ASSOCIATES
ATTN: J. LOURIM
16 BALDWIN STREET
TORONTO, ONTARIO
M5T 1L2

CUSTOMER NO. 1505

DATE SUBMITTED
30-SEP-97

REPORT 2276

REF. FILE 29599-02

43 SOILS

WERE ANALYSED AS FOLLOWS:

	METHOD	DETECTION LIMIT
AU PPB	FACCP	1.000
MG PPM	DCP	100.000
P PPM	DCP	10.000
CA PPM	DCP	100.000
MA PPM	DCP	2.000
FE PPM	DCP	2.000
CC PPM	DCP	1.000
NI PPM	DCP	1.000
CU PPM	DCP	0.500
ZN PPM	DCP	0.500
MO PPM	DCP	1.000
AG PPM	DCP	0.500
CO PPM	DCP	1.000
PR PPM	DCP	2.000

DATE 27-OCT-97

X-RAY ASSAY LABORATORIES LIMITED
CERTIFIED BY 

SAMPLE	AG DDC	15 DDM	3 DDM	21 DDM	30 DDM
87-0015	41	1500	550	550	130
87-0025	3	1700	450	1100	62
87-0035	<1	1600	170	400	70
87-0045	<1	1400	300	700	55
87-0055	<1	1900	340	900	110
87-0065	<1	1500	230	700	50
87-0075	<1	2500	200	600	80
87-0085	1	3300	320	1000	130
87-0095	<1	2300	370	1000	100
87-0105	<1	2300	250	900	94
87-0115	<1	2700	320	900	130
87-0125	3	4500	330	1100	160
87-0135	9	4000	290	1200	150
87-0140	<1	3100	280	1100	130
87-0150	<1	1700	300	800	45
87-0160	<1	1200	400	300	60
87-0170	<1	2900	310	1000	70
87-0180	<1	3200	300	1000	100
87-0190	<1	1500	340	1000	50
87-0200	<1	2700	300	1300	100
87-0210	<1	2600	270	1000	90
87-0220	<1	4300	330	1400	200
87-0230	<1	1500	350	700	90
87-0240	<1	3800	300	1000	130
87-0250	<1	1200	200	500	60
87-0260	150	3000	350	1000	170
87-0270	3	1600	330	900	110
87-0280	<1	1800	310	800	70
87-0290	<1	1800	400	900	90
87-0300	<1	1600	270	700	40
87-0310	<1	4000	280	1200	150
87-0320	<1	2300	250	1000	100
87-0330	<1	5000	230	1200	180
87-0340	07	3300	260	1000	140
87-0350	8	5000	340	1400	190
87-0360	3	4600	260	900	110
87-0370	4	3800	340	1200	150
87-0380	<1	4200	330	1200	170
87-0390	<1	3400	290	1100	150
87-0400	1	1600	320	900	50
87-0410	<1	1300	350	900	50
87-0420	<1	1700	310	700	70
87-0430	<1	1600	500	1300	50

SAMPLE	FE PPM	CO PPM	NI PPM	CU PPM	ZA PPM
87-001S	21000	4	140	6.5	17.0
87-002S	14000	4	22	6.5	10.0
87-003S	7800	3	46	5.0	8.0
87-004S	8100	3	26	5.0	8.0
87-005S	9100	4	22	5.5	10.0
87-006S	6200	3	23	4.0	8.0
87-007S	9900	5	35	8.5	12.0
87-008S	11000	6	130	9.5	15.0
87-009S	11000	5	68	8.0	11.0
87-010S	10000	4	34	8.0	11.0
87-011S	12000	5	41	9.0	11.0
87-012S	17000	7	44	14.0	19.0
87-013S	12000	5	32	10.0	15.0
87-014S	10000	5	26	8.5	12.0
87-015S	6800	2	13	4.0	5.5
87-016S	2300	2	10	4.0	5.0
87-017S	16000	5	35	9.5	15.0
87-018S	11000	5	44	7.5	12.0
87-019S	7700	3	14	5.0	7.5
87-020S	13000	5	10	8.0	12.0
87-021S	9800	5	25	7.5	12.0
87-022S	19000	10	72	19.0	27.0
87-023S	2500	3	22	6.5	11.0
87-024S	11000	5	24	7.0	12.0
87-025S	2900	2	27	7.0	8.0
87-026S	14000	5	57	8.5	15.0
87-027S	10000	3	22	5.5	7.0
87-028S	8700	4	34	6.5	7.5
87-029S	11000	3	27	5.5	12.0
87-030S	8500	3	10	5.0	7.0
87-031S	15000	7	29	10.0	17.0
87-032S	7900	3	17	5.0	8.0
87-033S	15000	5	35	22.0	19.0
87-034S	13000	6	25	12.0	15.0
87-035S	16000	7	40	13.0	19.0
87-036S	17000	5	36	12.0	19.0
87-037S	12000	6	34	10.0	15.0
87-038S	12000	6	34	13.0	15.0
87-039S	11000	5	23	9.5	14.0
87-040S	6600	2	11	5.5	8.5
87-041S	6000	2	9	4.5	5.0
87-042S	7100	3	17	5.5	7.5
87-043S	9900	3	12	5.0	9.0

SAMPLE	MO PPM	AC PPM	CO PPM	PS PPM
87-001S	1	<0.5	<1	<2
87-002S	<1	<0.5	<1	<2
87-003S	<1	<0.5	<1	<2
87-004S	<1	<0.5	<1	<2
87-005S	<1	<0.5	<1	<2
87-006S	<1	<0.5	<1	<2
87-007S	<1	<0.5	<1	<2
87-008S	<1	<0.5	<1	<2
87-009S	<1	<0.5	<1	<2
87-010S	<1	<0.5	<1	<2
87-011S	<1	<0.5	<1	<2
87-012S	<1	<0.5	<1	<2
87-013S	<1	<0.5	<1	<2
87-014S	<1	<0.5	<1	<2
87-015S	<1	<0.5	<1	<2
87-016S	<1	<0.5	<1	<2
87-017S	<1	<0.5	<1	<2
87-018S	<1	<0.5	<1	<2
87-019S	<1	<0.5	<1	<2
87-020S	<1	<0.5	<1	<2
87-021S	<1	<0.5	<1	<2
87-022S	<1	<0.5	<1	<2
87-023S	<1	<0.5	<1	<2
87-024S	<1	<0.5	<1	<2
87-025S	<1	<0.5	<1	<2
87-026S	1	<0.5	<1	<2
87-027S	<1	<0.5	<1	<2
87-028S	<1	<0.5	<1	<2
87-029S	<1	<0.5	<1	<2
87-030S	<1	<0.5	<1	<2
87-031S	<1	<0.5	<1	<2
87-032S	<1	<0.5	<1	<2
87-033S	<1	<0.5	<1	<2
87-034S	<1	5.0	<1	<2
87-035S	<1	<0.5	<1	<2
87-036S	<1	<0.5	<1	<2
87-037S	<1	<0.5	<1	<2
87-038S	<1	<0.5	<1	<2
87-039S	<1	<0.5	<1	<2
87-040S	<1	<0.5	<1	<2
87-041S	<1	<0.5	<1	<2
87-042S	<1	<0.5	<1	<2
87-043S	<1	<0.5	<1	<2



CERTIFICATE OF ANALYSIS
REPORT 3078

TO: JEANETTE LOURIM & ASSOCIATES
ATTN: J. LOURIM
16 BALDWIN STREET
TORONTO, ONTARIO
M5T 1L2

CUSTOMER No. 1505

DATE SUBMITTED
9-Nov-87

REF. FILE 30201-

Total Pages 1

4 PULPS ON HAND RE:WO#29588

	METHOD	DETECTION LIMIT
AU PPB	FADCP	1.
PD PPB	FADCP	2.
PT PPB	FADCP	10.

DATE 11-DEC-87

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY 



11-DEC-87

REPORT 3078

REF. FILE 30201-

PAGE 1 OF 1

SAMPLE	AU PPB	PD PPB	PT PPB
87-001S	NSS	NSS	NSS
87-008S	1	<2	<10
87-026S	NSS	--	--
87-034S	--	--	--

NSS - NOT SUFFICIENT SAMPLE



ACCURASSAY LABORATORIES LTD.

P.O. BOX 604

KIRKLAND LAKE, ONTARIO, CANADA P2N 3J5

TEL.: (705) 567-6343

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

6488

Jeanette Lourin
16 Baldwin Street,
Toronto, Ontario,
M5T 1L2

Page #1

Date: May 12, 1987 19

Work Order 87#284

SOIL

Assay results are as follows:

SAMPLE NUMBER		Gold
Accurassay	Customer	ppb
22957	87S-001	26
22958	002	11
22959	006	12
22960	008	23
22961	009	87
22962	010	12
22963	011	13
22964	012	6
22964	012	18 Check

Per: _____

Certificate of Analysis

6488

Jeanette Lourin
16 Baldwin Street,
Toronto, Ontario.
M5T 1E2

Page #1

Date: _____ 19 _____

ANALYSIS RESULTS

SAMPLE NOVELL	
11151	0.00
11152	0.00
11153	0.00
11154	0.00
11155	0.00
11156	0.00
11157	0.00
11158	0.00
11159	0.00
11160	0.00

CON.

0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00

Per: G. Duncan



ACCURASSAY LABORATORIES LTD.

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Certificate of Analysis

6487

Jeanette Lourin
16 Baldwin Street,
Toronto, Ontario,
M5T 1L2

Page #1

Date: May 12, 1987

Work Order 87#283

Assay results are as follows:

SAMPLE NUMBER		Gold
Accurassay	Customer	ppb
	Rock	
22947	8001-87R-001	13
22948	8002-87R-002	10
22949	8003-87R-003	12
22950	8004-87R-004	21
22951	8005-87R-005	10
22952	8006-87R-006	23
22953	8007-87R-007	14
22954	8008-87R-008	5
22955	8009-87R-009	15
22956	810-87R-0010	12
22956	810-87R-0010	31 Check

Per: _____

Certificate of Analysis

6487

Jeanette Loochin
16 Baldwin Street,
Toronto, Ontario,
M5T 1L2

Page #1

Date: _____ 19__

Work Order # 00000

Assay results are as follows:

SAMPLE NUMBER	Customer	Rock
2144	600-418-0011	11
2145	600-418-0012	11
2146	600-418-0013	11
2147	600-418-0014	11
2148	600-418-0015	11
2149	600-418-0016	11
2150	600-418-0017	11
2151	600-418-0018	11
2152	600-418-0019	11
2153	600-418-0020	11

Per: G. Duncan



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Certificate of Analysis

6489

Jeanette Lourin
16 Baldwin Street,
Toronto, Ontario,
M5T 1L2

Page #1

Date: May 12, 1987 19

Work Order 870285

MAY
HUMUS

Assay results are as follows:

SAMPLE NUMBER		Gold
Accurassay	Customer	ppb
22965	87S-003	12
22966	004	13
22967	005	10
22968	006	16
22969	007	9
22970	008	10
22971	009	88
22972	010	11
22973	012	18
22973	012	13 Check

Per: _____

Certificate of Analysis

6489

Jeanette Laurin
16 St. John Street,
Toronto, Ontario.

Page #1

Date: 12-12-19

Work Order: 174015

As per results are as follows:

SAMPLE NUMBER		HUMUS
00000000	Customer	100
00000001	00000001	100
00000002	00000002	100
00000003	00000003	100
00000004	00000004	100
00000005	00000005	100
00000006	00000006	100
00000007	00000007	100
00000008	00000008	100
00000009	00000009	100
00000010	00000010	100
00000011	00000011	100
00000012	00000012	100
00000013	00000013	100
00000014	00000014	100
00000015	00000015	100
00000016	00000016	100
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00000091	00000091	100
00000092	00000092	100
00000093	00000093	100
00000094	00000094	100
00000095	00000095	100
00000096	00000096	100
00000097	00000097	100
00000098	00000098	100
00000099	00000099	100
00000100	00000100	100

Per: G. Duncan



CERTIFICATE OF ANALYSIS

REPORT 3096

TO: JEANETTE LOURIM & ASSOCIATES
ATTN: J. LOURIM
16 BALDWIN STREET
TORONTO, ONTARIO
M5T 1L2

CUSTOMER No. 1505

DATE SUBMITTED
11-Nov-87

REF. FILE 30263-

Total Pages 2

4 HUMUS ON HAND

Table with 3 columns: ELEMENT, METHOD, DETECTION LIMIT. Rows include AU PPB, CR PPM, FE %, CO PPM, ZN PPM, AS PPM, SE PPM, BR PPM, MO PPM, AG PPM, SB PPM, BA PPM, TA PPM, W PPM, TH PPM, U PPM.

DATE 14-DEC-87

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY [Signature]



14-DEC-87

REPORT 3096

REF. FILE 30263-

PAGE 1 OF 2

SAMPLE	AU PPB	CR PPM	FE %	CO PPM	ZN PPM	AS PPM	SE PPM	BR PPM
87-005H	6	130	1.23	4	70	8	<3	12
87-014H	15	70	1.26	3	100	9	<2	10
87-026H	3	--	--	--	--	--	--	--
87-034H	2	--	--	--	--	--	--	--



14-DEC-87

REPORT 3096

REF. FILE 30263-

PAGE 2 OF 2

SAMPLE	MO PPM	AG PPM	SB PPM	BA PPM	TA PPM	W PPM	TH PPM	U PPM
87-005H	<1.5	<2	1.3	600	<1.4	2	2.7	<0.6
87-014H	<1.3	<2	1.2	500	1.7	<1	3.1	1.4
87-026H	--	--	--	--	--	--	--	--
87-034H	--	--	--	--	--	--	--	--



ACCURASSAY LABORATORIES LTD.

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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

6463

Jeanette Lourin
16 Baldwin Street,
Toronto, Ontario,
M5T 1L2

Page #1

Date: May 6, 1987 19

Work Order 87#284

Assay results are as follows:

SAMPLE NUMBER			Gold	Pt	Pd	Ag
Accurassay	Customer		ppb	ppb	ppb	ppm
		<i>SOIL</i>				
29257	87S-001		<50			<1
29258	87S-002		<50			<1
29259	87S-006		<50			<1
29260	87S-008		<50			<1
29261	87S-009		<50			<1
29262	87S-010		<50			<1
29263	87S-011		<50	<30	<20	<1
29264	87S-012		<50	<30	<20	<1
29264	87S-012	CHECK	<50	<30	<20	<1

Per: _____



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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

Certificate of Analysis

6464 Jeanette Lourin
16 Baldwin Street,
Toronto, Ontario,
M5T 1L2

Page #1

Date: May 6, 1987 19

Work Order 870285

Assay results are as follows:

SAMPLE NUMBER		Gold ppb
Accurassay	Customer	
	(HUMUS)	
29265	87S-003	<50
29266	87S-004	<50
29267	87S-005	<50
29268	87S-006	<50
29269	87S-007	<50
29270	87S-008	<50
29271	87S-009	<50
29272	87S-010	<50
29273	87S-012	<50

Per: _____



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Certificate of Analysis

6462

Jeanette Lourin
18 Baldwin Street,
Toronto, Ontario,
M5T 1L2

Page 01

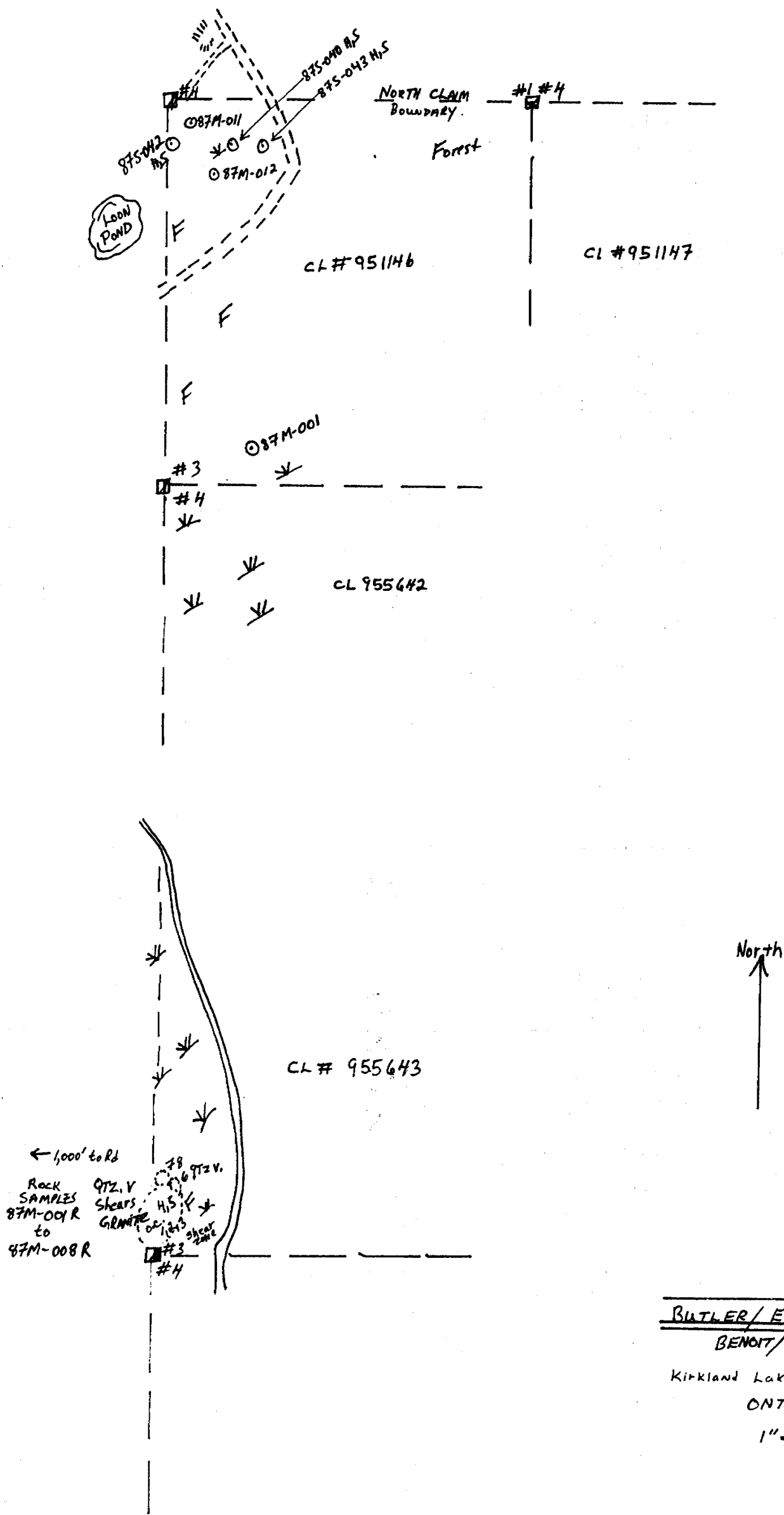
Date: May 6, 1987 19

Work Order 870283

Assay results are as follows: *Rock*

SAMPLE NUMBER		Gold	Pt	Pd	Ag
Accurassay	Customer	ppb	ppb	ppb	ppm
29247	8001-87R-001	<50			2
29248	8002-87R-002	<50			1
29249	8003-87R-003	<50			1
29250	8004-87R-004	<50			<1
29251	8005-87R-005	<50			<1
29252	8006-87R-006	<50			<1
29253	8007-87R-007	<50			<1
29254	8008-87R-008	<50			<1
29255	8009-87R-009	<50			1
29256	810-87R-0010	<50	<30	<20	<1
29256	810-87R-0010	CHECK <50	<30	<20	

Per: _____



BUTLER/ ELEVEN CLAIM GROUP N-W
BENOIT/ BLACK TWP
 Kirkland Lake - Larder Lake Camp
 ONTARIO
 1" = 400'

MAP A
 Geochemical Survey

82801.S

CL# 956494 #2 #3 CL# 956493
CL# 956495 #1 #4 CL# 956496

956493
87S-038 H,S

C. Line

87S-037 H,S

956496

87S-036 H,S

87S-035 H,S

87S-22 H,S

87-23 H,S

87-24 H,S

87-25 H,S

87-026 H,S

87-027 H,S

87-028 H,S

87S-029 H,S

87S-030 H,S

87S-031 H,S

87S-032 H,S

87S-033 H,S

87S-034 H,S

BUTLER LAKE ROAD

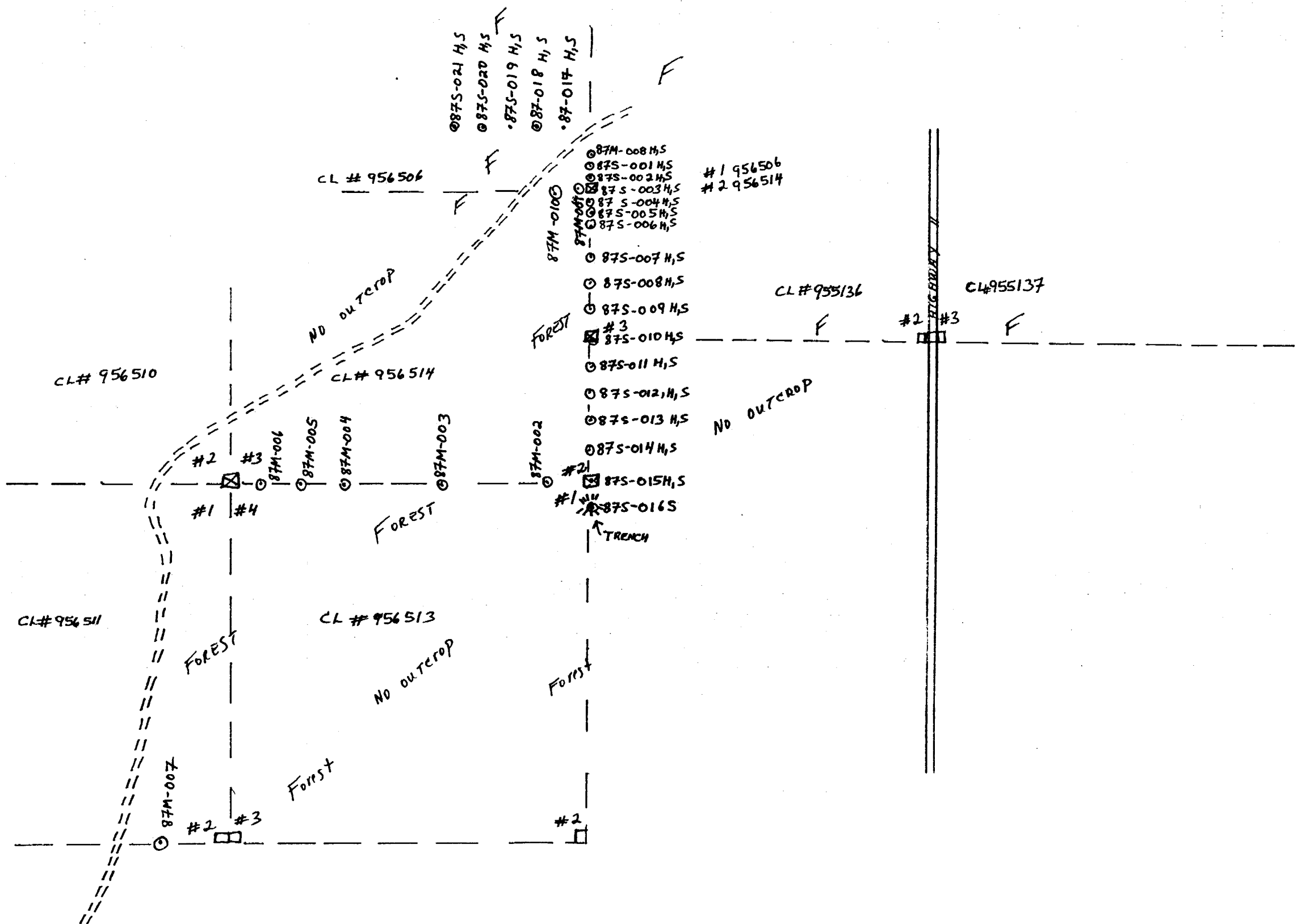


82801.S

BUTLER/ELEVEN
CLAIM GROUP
Central Claim Area
Kirkland Lake - Larder Lake
Ontario

BENOIT TWP

MAP B
Geochemical Survey



S. 10828



- LEGEND**
- TRENCH
 - F = FOREST
 - SWAMP
 - H - HUMUS Sample
 - S - SOIL Sample
 - R - Rock sample
 - 87M - May Sample
 - 87S - Sept Sample
 - ⊙ - Sample site

Scale 1" = 400'

BUTLER/ELEVEN CLAIM GROUP
BENOIT/BLACK TWPS
 Kirkland LK - Larder LK
 ONTARIO

MAP C
 Geochemical Survey



TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Geochemical
Township or Area Benoit
Claim Holder(s) Jeanette Lourim
Diane Litwicki
Survey Company J. Lourim & Assoc. Cons. Geologist
Author of Report Jeanette Lourim
Address of Author 19 McKayfield Rd, Toronto M4J 4P6
Covering Dates of Survey April 30 to May 4, 87; Sept 23-27, 87
Total Miles of Line Cut -

MINING CLAIMS TRAVERSED
List numerically

(prefix) (number)

L 951146

L 955136

L 955643

L 956493

L 956496

L 956506

L 956511

L 956513

L 956514

If space insufficient, attach list

SPECIAL PROVISIONS
CREDITS REQUESTED

DAYS per claim

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

- Geophysical
-Electromagnetic
-Magnetometer
-Radiometric
-Other
Geological
Geochemical 23.3

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer Electromagnetic Radiometric
(enter days per claim)

DATE: SIGNATURE:
Author of Report or Agent

Res. Geol. Qualifications

Previous Surveys

Table with 4 columns: File No., Type, Date, Claim Holder

TOTAL CLAIMS 9

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

MAGNETIC

Instrument _____

Accuracy – Scale constant _____

Diurnal correction method _____

Base Station check-in interval (hours) _____

Base Station location and value _____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: Fixed transmitter Shoot back In line Parallel line

Frequency _____
(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

Base station value and location _____

Elevation accuracy _____

INDUCED POLARIZATION RESISTIVITY

Instrument _____

Method Time Domain Frequency Domain

Parameters – On time _____ Frequency _____

– Off time _____ Range _____

– Delay time _____

– Integration time _____

Power _____

Electrode array _____

Electrode spacing _____

Type of electrode _____

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

Corrections made _____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

Additional information (for understanding results) _____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken L 951146, L 955136, L 955643,
L 956493, L 956496, L 956506
L 956511, L 956513, L 956514 (9 claims)

Total Number of Samples 112
 Type of Sample SOIL, HUMUS, ROCK
(Nature of Material)
 Average Sample Weight SOIL 250 gm, HUMUS 1kg
ROCK 6-10oz
 Method of Collection Soil - Soil Auger using 3 ft auger head
 Soil Horizon Sampled B or till, when possible
 Horizon Development poor
 Sample Depth 3 to 4 ft
 Terrain flat to gently rolling
 Drainage Development good to slight SWAMP
 Estimated Range of Overburden Thickness 0 to
150 feet

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____
1.) (-80) soil - Accuassay, Kittling LK
2.) (-200) soil - X-RAY Assay Labs, DAN
(ROCK + HUMUS) MILLS, DANARD
see below
 General 1.) Accuassay Labs
soil, humus, rock
extraction: Fire Assay
analytical & reagents: Acid digestion with
Aqua Regia, Flame AA analysis
Humus: Ashed & Blended
SOIL: -80 Mesh
Rocks: pulverized to -150 Mesh

ANALYTICAL METHODS

Values expressed in: per cent
 p. p. m. (except
 p. p. b. Au ppb +
 Fe %))

(Cu) (Pb) (Zn) (Ni) (Co) (Ag) (Mo) (As) (circle)
 Others Au, Cr, Fe₂, Se, Br, Sb, Ba, Ta, W, Th, U, Pd, Pt

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (2.) tests)

Name of Laboratory X-RAY Assay Labs

Extraction Method FIRE ASSAY

Analytical Method DCP, SOIL; NA-HUMUS

Reagents Used SOILS - FA FLUX, Aqua Regia
* none for HUMUS

General _____

* humus blended & pelletized
into briquets

SOIL Milled to -200 Mesh



Ministry of Northern Development and Mines

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT No. **V8808-074**

Instructions: - Please type or print.
- If number of mining claims traversed exceeds space on this form, attach a list.
Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

2.10858

General Management

Type of Survey(s) **EXPENDITURES - (ASSAYS) Sec. 77 (19)** Township or Area **BENOIT (M 326)**

Claim Holder(s) **Jeanette LOURIM** **DIANE LITWICKI** Prospector's Licence No. **LOURIM - A 49632**
LITWICKI - A 49732

Address **19 McKayfield Rd TORONTO, ONTARIO M4J 4P6** **28 RAINS AVE TORONTO, ONTARIO M6G 3H5**

Survey Company **J. LOURIM & ASSOCIATES** Date of Survey (from & to) **30 4 87 4 5 87** Total Miles of line Cut

Name and Address of Author (of Geo-Technical report) **J. LOURIM, 19 MCKAYFIELD RD. TORONTO, ONT. M4J 4P6** **23 9 87 27 9 87**

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
For each additional survey: using the same grid: Enter 20 days (for each)	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
L.	951147	21.5			
	951150	21.5			
	955642	21.5			
	956494	21.5			
	956495	21			

RECEIVED
MAR 10 1988
MINING LANDS SECTION

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES OFFICE
MAY 26 1988
RECEIVED

DER LAKE
MINING DIV.
EB 26 1988
0111211213145

Expenditures (excludes power stripping)

Type of Work Performed **ASSAYS (SEC 77(19))**

Performed on Claim(s) **951146, 956496, 956493**

955136, 956506, 956514, 956513, 956511

Calculation of Expenditure Days Credits **95643** Total Days Credits

Total Expenditures **\$1,612.00** + **15** = **107**

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work. **5**

Date **February 19, 1988** Recorded Holder or Agent (Signature) *Jeanette Lourim*

For Office Use Only

Total Days Cr. Recorded **107** Date Recorded **Feb. 26, 1988** Mining Recorder *M.G. Wayne*

Date Approved & Recorded **88/05/19** Branch Director *Dr. Ian Scott*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying **Jeanette LOURIM, 19 McKayfield Rd, TORONTO, ONTARIO M4J 4P6**

Date Certified **February 19, 1988** Certified by (Signature) *Jeanette Lourim*

Type of Survey(s): **Geochemical Survey** Township or Area: **Benoit (M326)**

Claim Holder(s): **Jeanette Lourim** Prospector's Licence No.: **Lourem: A 49632**

Address: **19 McKayfield Rd Toronto, Ontario** **28 Rains Toronto, Ontario** Litwicki: **A 49732**

Survey Company: **MHJ 4P6** **MGG 3H5** Date of Survey (from & to):

30	4	87	4	5	87
Day	Mo.	Yr.	Day	Mo.	Yr.

Total Miles of line Cut: **—**

Name and Address of Author (of Geo-Technical report):
J. Lourim, 19 McKayfield Rd, Toronto, Ont M4J 4P6
 Date: **23 9 87** **27 9 87**

Credits Requested per Each Claim in Columns at right

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
For each additional survey: using the same grid: Enter 20 days (for each)	- Other	
	Geological	
	Geochemical	

Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Other	
	Geochemical	23.3

Airborne Credits: **MINING LANDS SECTION**

Note: Special provisions credits do not apply to Airborne Surveys.

Mining Claims Traversed (List in numerical sequence)

Mining Claim		Expend. Days Cr.	Mining Claim		Expend. Days Cr.
Prefix	Number		Prefix	Number	
L	951146				
	955136				
	955643				
	956493				
	956496				
	956506				
	956511				
	956513				
	956514				

LARDER LAKE MINING DIV.
 FEB 26 1988
 8 9 10 11 12 1 2 3 4 5 6

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits

Total Expenditures: \$ + 15 =

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work. **9**

Date: **Feb 22, 1988**
 Recorded Holder or Agent (Signature): **Jeanette Lourim**

For Office Use Only

Total Days Cr. Recorded: **209.7**
 Date Recorded: **Feb. 26, 1988**
 Date Approved as Recorded: **88/05/19**
 Mining Recorder: **M.A. Weepme**
 Branch Director: **[Signature]**

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: **Jeanette Lourim**
19 McKayfield Rd, Toronto, Ontario M4J 4P6

Date Certified: **February 22, 1988**
 Certified by (Signature): **Jeanette Lourim**

Assessment Work Breakdown

Man Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey GEOCHEMICAL SURVEY						
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days
<input style="width: 50px;" type="text" value="30"/>				<input style="width: 50px;" type="text" value="210"/>		<input style="width: 50px;" type="text" value="—"/>
			=	Total Credits	+	No. of Claims
				<input style="width: 50px;" type="text" value="210"/>		<input style="width: 50px;" type="text" value="9"/>
			=	Days per Claim		
				<input style="width: 50px;" type="text" value="23.3"/>		

Type of Survey						
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days
<input style="width: 50px;" type="text"/>				<input style="width: 50px;" type="text"/>		<input style="width: 50px;" type="text"/>
			=	Total Credits	+	No. of Claims
				<input style="width: 50px;" type="text"/>		<input style="width: 50px;" type="text"/>
			=	Days per Claim		
				<input style="width: 50px;" type="text"/>		

Type of Survey						
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days
<input style="width: 50px;" type="text"/>				<input style="width: 50px;" type="text"/>		<input style="width: 50px;" type="text"/>
			=	Total Credits	+	No. of Claims
				<input style="width: 50px;" type="text"/>		<input style="width: 50px;" type="text"/>
			=	Days per Claim		
				<input style="width: 50px;" type="text"/>		

Type of Survey						
Technical Days	X	7	=	Technical Days Credits	+	Line-cutting Days
<input style="width: 50px;" type="text"/>				<input style="width: 50px;" type="text"/>		<input style="width: 50px;" type="text"/>
			=	Total Credits	+	No. of Claims
				<input style="width: 50px;" type="text"/>		<input style="width: 50px;" type="text"/>
			=	Days per Claim		
				<input style="width: 50px;" type="text"/>		

Cook Twp.

THE TOWNSHIP OF

BENOIT

DISTRICT OF COCHRANE

LARDER LAKE MINING DIVISION

SCALE: 1-INCH=40 CHAINS

LEGEND

- PATENTED LAND ● or P
- CROWN LAND SALE S or C.S.
- LEASES L
- LOCATED LAND Loc.
- LICENSE OF OCCUPATION L.O.
- MINING RIGHTS ONLY M.R.O.
- SURFACE RIGHTS ONLY S.R.O.
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- PATENTED S.R.O.
- CANCELLED

NOTES

400' Surface rights reservation around all lakes & rivers.

Gravel Reserve Shown Thus:

400' frontage on Buller Lake withdrawn from disposition for proposed summer resort development. File 164586

Areas withdrawn from staking under Section 29 of the Mining Act (7-0-370)

File	Date	Disposition
4286	1757804	737805
4287	757979	757811

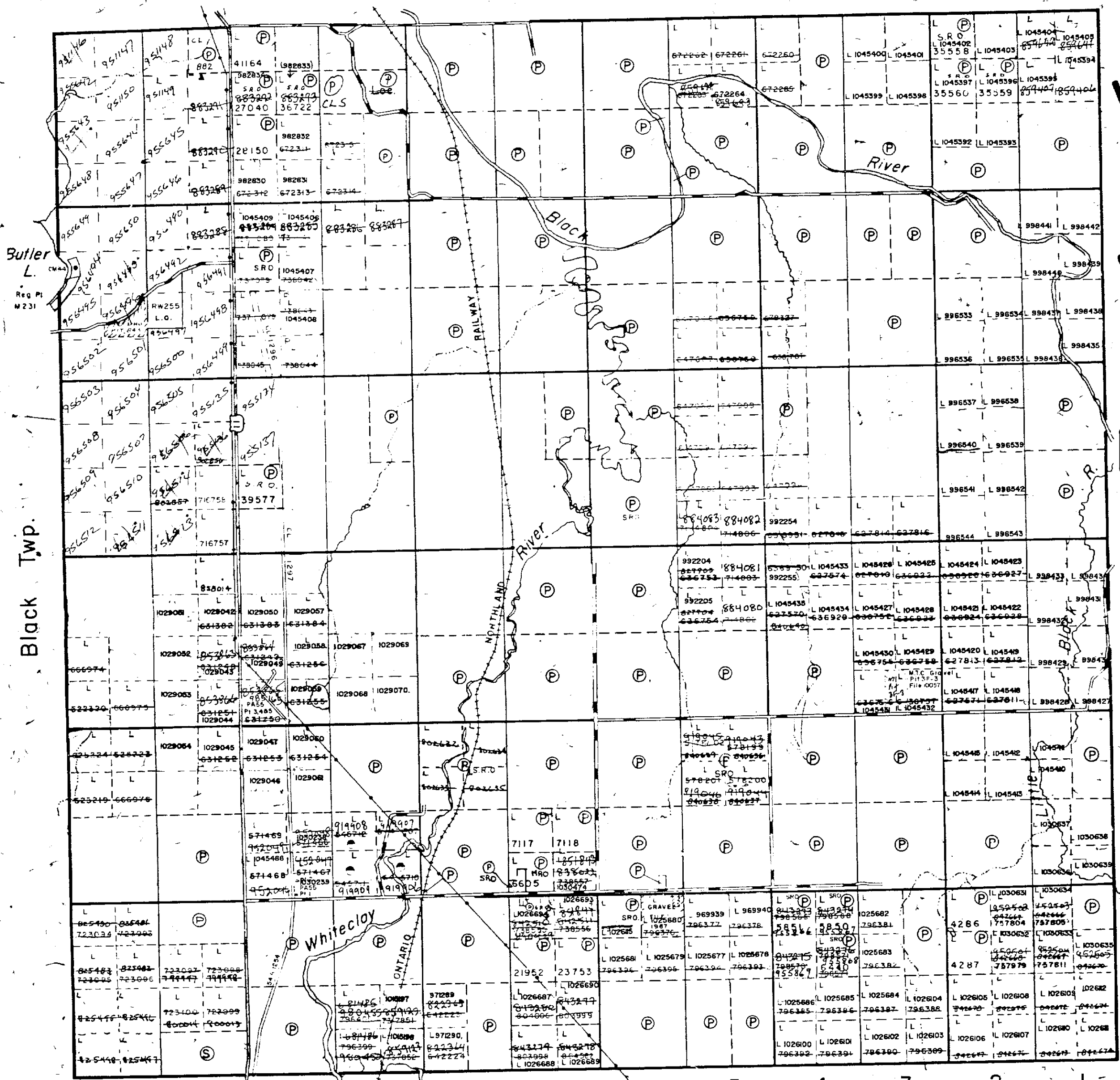
DATE OF ISSUE

MAY 19 1988

LARDER LAKE MINING RECORDERS OFFICE

PLAN NO.- M.326#10

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH



VI
V
IV
III
II
I

Meiba Twp.

Black Twp.

Maisonville Twp.



4248850010 2.10858 BENOIT