

ARIS SUMMARY SHEET

District Geologist, Victoria

Off Confidential: 92.03.14

ASSESSMENT REPORT 21303

MINING DIVISION: New Westminster

PROPERTY: LD  
LOCATION: LAT 49 20 00 LONG 121 50 00  
UTM 10 5464947 584763  
NTS 092H05W

CAMP: 020 Lillooet River - Harrison Lake Belt

CLAIM(S): LD 1-2  
OPERATOR(S): Flame Petro-Min.  
AUTHOR(S): Cook, D.L.  
REPORT YEAR: 1991, 45 Pages  
KEYWORDS: Jurassic, Harrison Lake Group, Tuffs, Andesites, Shales, Siltstones  
Pyrite

WORK  
DONE: Geochemical  
SOIL 759 sample(s) ;AU  
MINFILE: 092GSW070

LOG NO: <i>May 21/91</i>	RD.
ACTION:	
FILE NO:	

GEOCHEMICAL ASSESSMENT REPORT  
ON THE  
LD 1 AND 2 MINERAL CLAIMS  
HARRISON LAKE AREA

NEW WESTMINSTER M.D.

N.T.S. 92H/5W

Latitude: 49° 20' North  
Longitude: 121° 50' West

for

Operator:  
HEATHMAUR GREEN RESOURCES CORP.  
(formerly Flame Petro-Minerals Corp.)  
5 - 11520 Voyageur Way  
Richmond, B.C.  
V6X 3E1

Owner:  
Les Demczuk  
1835 East 13th Avenue  
Vancouver, B.C.

by

DAVID L. COOKE, Ph.D., P.Eng.  
D.L. COOKE AND ASSOCIATES LTD.  
811 - 675 West Hastings Street  
Vancouver, B.C.  
V6B 1N2

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**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

21,303

March 28, 1991

Claims on which work was done:

<u>Claims</u>	<u>Units</u>	<u>Record No.</u>	<u>Record Date</u>
LD 1	20	3938	March
LD 2	9	3939	March

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- Appendix I: Statement of Qualifications  
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## SUMMARY

The LD 1 and 2 mineral claims (29 claim units, 1791 acres) cover precious metal mineralization at the southwest end of Harrison Lake, 90 kilometres east of Vancouver, B.C.

The area is mountainous, with elevations ranging from 30 to 680 metres. Access is by paved and gravel roads, 11 kilometres northeast of Harrison Mills, B.C. Heathmaur Green Resources Corp. has an option to earn a 100% interest in the LD property from the recorded owner, Les Demczuk of Vancouver.

Previous work was confined to the more easily accessible areas adjacent to the roads which cross the property. During the period 1974 to 1987, exploration programs conducted on the predecessor claims included soil and rock geochemistry, ground magnetics, trenching, shallow drilling and driving of a short adit. Significant gold and silver values were obtained from many soil and rock samples as well as in some of the diamond drill holes. These programs, however, did not establish the nature and controls for the gold and silver mineralization. No geological mapping was done on the property.

The current geochemical program was carried out to determine the extent of gold distribution in soils and evaluate the potential for the discovery of an economic precious metal deposit on the LD mineral claims.

In the Harrison Lake area, precious metal deposits and prospects occur in Middle Jurassic volcanic and sedimentary rocks within a major northwest structural belt and in close proximity to mid-Tertiary diorite and quartz diorite plutons. Gold and silver mineralization on the property is associated with pyrite and quartz-breccias within diorite, altered andesite pyroclastics and black siltstones of the Middle Jurassic Harrison Lake Formation.

The current work by Heathmaur Green Resources Corp. defined several linear anomalous zones for gold in soils. A program of additional geological mapping, geochemistry, trenching and diamond drilling is recommended to further test the LD property.

## INTRODUCTION

The soil geochemical program was carried out by Pickwick Explorations Ltd. from mid-January to early March, 1991 under the supervision of G. Medford, Ph.D., F.G.A.C. This report is based on a review of the reports and data tabulated in the list of references, the writer's visit to the property, evaluation of the Heathmaur data, and on discussions with R.L. Wright and L. Demczuk. The writer obtained valuable data on the historical sequence of exploration and development on the property from the report by P.S. Friesen, P.Eng. The results of previous work was derived from technical and assessment reports.

## PROPERTY

The property consists of the LD 1 and 2 contiguous mineral claims, comprising approximately 725 hectares or 1,791 acres (Figure 2). The pertinent claim data is as follows:

<u>Claim</u>	<u>Units</u>	<u>Rec. Number</u>	<u>Due Date</u>
LD 1	20	3938	March 19, 1993
LD 2	9	3939	March 19, 1993

Lez Demczuk of Vancouver, B.C. is the recorded owner of the LD 1 and 2 mineral claims. Heathmaur Green Resources Corp. has an option to earn a 100% interest in the LD 1 and 2 claims.

The LD 1 mineral claim covers the area previously held as the Jogo 1 claim. The area of the LD 2 claim was formerly covered by the Rye 1-5, 13, 15 and the Mad claims. The Rye and Mad claims were owned by Aaron Mines Ltd.

### LOCATION AND ACCESS

**Latitude: 49° 20'N; Longitude: 121° 50' W**  
**New Westminster M.D. N.T.S. 92H/5W**

The LD mineral claims are located on the southwest side of Harrison Lake in the New Westminster Mining Division. The claims are situated approximately 11 kilometres northeast of Harrison Mills and 4 kilometres northwest of the town of Harrison Hot Springs, B.C.

The claims may be reached by 13 kilometres of road (the Weaver Lake Provincial Park road) which joins Highway 7 at Harrison Mills, B.C. Old logging roads provide good access within the claim block. The property is 90 kilometres from Vancouver, B.C., as the crow flies.

The topography of the claims is mountainous, with elevations ranging from 30 metres at Harrison Lake to 680 metres at the highest point. The area is heavily forested with a mixture of conifers and deciduous trees. The climate is generally wet and mild year-round. Snowfall is minimal and exploration work may be conducted on the claims throughout the year.

Harrison Hot Springs and Mission provide excellent infrastructure and power to support exploration and mining in the area. The rail lines from Agassiz to Vancouver pass a few miles to the south of Harrison Hot Springs and Harrison Mills.

## HISTORY OF THE PROPERTY

Placer gold was discovered in river bars of the Fraser River near Yale in 1958. This encouraged continuous active exploration for lode gold deposits in the Hope-Harrison Lake area since that time. In the immediate Harrison Lake area two precious metal deposits (Doctor's Point and RN-Geo) and one massive sulphide deposit (Seneca) were discovered in the past 20 years.

The first record of work in the ground now covered by the LD claims consisted of soil and rock chip sampling in 1974. This was done by Cominco Ltd. on the Rye claims along the main access road (Friesen, p. 4). The samples were analyzed only for gold and silver, returning many anomalous values. Aaron Mines Ltd. owned the property at that time and obtained an assay of 1.86 oz. gold, 58.61 oz. silver per ton and 7.23% zinc from one of the trenches exploring the geochemical anomalies (Friesen, p. 2). The anomalous zone coincides with an east-west linear topographic depression that follows the main road across the property. These geochemical results are not available in the government assessment records.

An assessment report (Coveney, C.J., 1975) was filed for 607 ft. of diamond drilling in four holes drilled to test this mineralized zone. The locations of the holes are shown on Figure 4. The significant intersections obtained in these drill holes are as follows:

<u>Hole</u>	<u>Dip</u>	<u>From (ft)</u>	<u>To (ft)</u>	<u>Interval (ft)</u>	<u>Au oz/T</u>	<u>Ag oz/T</u>
3	-57°	58	65	7	0.344	1.30
		93	100	7	0.20	0.79
7	-46°	85	90	5	0.03	0.67
8	-45°	10	30	20	0.09	0.30
9	-90°	3	20	17	0.129	0.73
		49	54	5	0.485	2.68

Nine short percussion drill holes, ranging from 22 to 70 ft. each in depth, were drilled in the anomalous zone along the southern part of the Rye #2



claim (Ashe, 1975). No assays were filed in the assessment report on the percussion drilling.

In 1977 a ground magnetometer survey as done by Cochrane Consultants Ltd. over 6.4 miles of grid lines. The results show an east-west isomagnetic pattern (Cochrane, p. 5) which is interrupted by north to northwest-trending magnetic highs. The highs are interpreted as response to tabular basic bodies such as dikes, sills, etc. (Cochrane, p. 5).

In 1979 and 1980 an adit was driven from the south to explore the zone. The adit is now caved but is reported to be 204 ft. long with 89 ft. of lateral drifting (Friesen, p. 3). No further work appears to have been done on the property between 1980 and the 1991 program by Heathmaur Green Resources Corp.

#### **1991 EXPLORATION WORK PROGRAM**

The exploration work by Heathmaur Green Resources Corp. was expanded beyond the area represented by the 6.4 kilometres of grid lines established by Aaron Mines Ltd. Work on the LD property by Heathmaur consisted of the preparation of 19.0 kilometres of grid lines. A 1.3 km long baseline (Map 1) was cut and picketed at 25 m intervals. Crosslines were established using hip chain and compass. All stations were flagged and soil samples were taken from the B-Horizon. Soil samples were taken at 25 metre intervals on north-south lines 100 metres (occasionally 50 metres) apart. This work was done between January 18 and February 4, 1991. The soil and rock samples were analyzed by Min-En Laboratories for gold using wet chemical extraction and atomic absorption photospectrometer analysis. Analyses are given in Appendix III and plotted on Map 1.

## GEOLOGY

### Regional Geology and Mineralization

The most prominent geological feature of the area is the Harrison Lake fracture system (Figure 3). This is a major northwest trending fault system, which separates older rocks on the east side from younger and contrasting rocks on the west side of Harrison Lake. Pennsylvanian to Permian limestones and sediments (Chilliwack Group) occur, together with gneissic rocks on the east side of Harrison Lake (Ray, 1984, p. 43). By contrast the rocks on the southwest side of the fracture system are generally younger and less deformed. These younger rocks consist of a variety of volcanic flows, volcanoclastic and sedimentary rocks of Mesozoic age, intruded by plutonic rocks of granite to diorite composition.

The Harrison Lake Group is the main lithology on the southwest side of Harrison Lake, consisting predominantly of andesites and dacites of Middle Jurassic age. The Fire Lake Group, located northwest of Harrison Lake, is lower Cretaceous in age and consists of coarse and fine-grained sedimentary rocks with a lesser volcanic component.

Precious metal mineralization and hot spring activity are associated with the Harrison Lake fracture system (Figure 3). The gold is hosted by sulphide-bearing quartz veins and stockworks that cut metasedimentary, volcanic and associated quartz diorite and diorite plutons of mid-Tertiary age. Gold occurs in the free state and as silver and bismuth telluride with or without base metals. The three main deposits which have been outlined in the Harrison Lake area by drilling are:

<u>Deposit</u>	<u>Reserves (Tons)</u>	<u>oz. Au/T</u>
RN-Geo	2,400,000 (probable)	0.12
Doctor's Point	132,000 (probable)	0.10
Seneca	1,660,000 3.6% Zn 0.63% Cu 1.20 oz Ag/T	0.024

### Property Geology

The property is predominantly underlain by tuffs and breccias of andesitic composition. These pyroclastics are massive, grey to green, and fine to medium-grained units containing an estimated 1 to 3 percent disseminated pyrite cubes. Bedding is rarely well developed but the overall impression is of a flat-lying undulating attitude with shallow bedding within 30° of the horizontal plane.

Some feldspar porphyry flows and/or intrusions occur with the pyroclastic rocks. Also present are more felsic, light grey units which may be of dacite to rhyodacite composition. These units are similar to altered andesitic rocks in the sequence which are marked by abundant pyrite, bleaching and silicification. A very siliceous rhyolite breccia was noted along the road east of line 10200E. The rhyolite may indicate a volcanic vent at this location. This rhyolite breccia is similar to that which occurs in the footwall of the Seneca massive sulphide deposit.

The andesitic pyroclastic units on the southern half of the grid area, south of the main road and baseline, contain abundant black siltstones and shales. Bedding planes and laminations are well-developed and show a general northwest strike and shallow dips to the southwest. Minor amounts of intrusive rocks consist of diorite at the west end of the baseline and a north-south basalt dike east of the adit.

The predominant structure on the property is an east-west (N70°E) fault zone which coincides closely with the baseline of the grid and the main logging road. The fault zone is marked by a strong linear topographic depression. The fault is quite complex exhibiting sub-parallel splays as well as being offset by north-south to northwest faults. Some tectonic breccias are associated with these fault structures, others may be related to vent areas.

## GEOCHEMISTRY

The geochemical analyses of soils (B-Horizon) for gold are highly anomalous over large areas (Map 1). These results suggest additional follow-up is warranted.

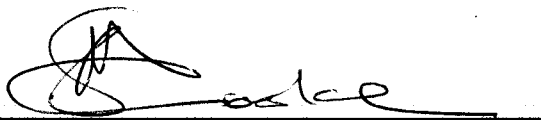
## CONCLUSIONS

The precious metal mineralization on the LD property may be spacially related to a major east-west fault system, cross-cutting north-south fault structures, breccia and silicified zones (stratabound), and (or) favourable alteration zones within the volcanic package of rocks. Further exploration work is warranted to test the anomalous areas outlined by geochemistry and to determine more precisely the controls for gold and silver mineralization on this property.

## RECOMMENDATIONS

A program of diamond drilling is recommended to test the mineralized area to the north of the adit. This program should consist of approximately 1,000 metres of NQ drilling to a depth of 100 - 150 metres. Trenching and sampling is recommended for the remaining anomalous areas. Extension of the grid area to the east and west is warranted in order to further define the anomalous zones which are currently open.

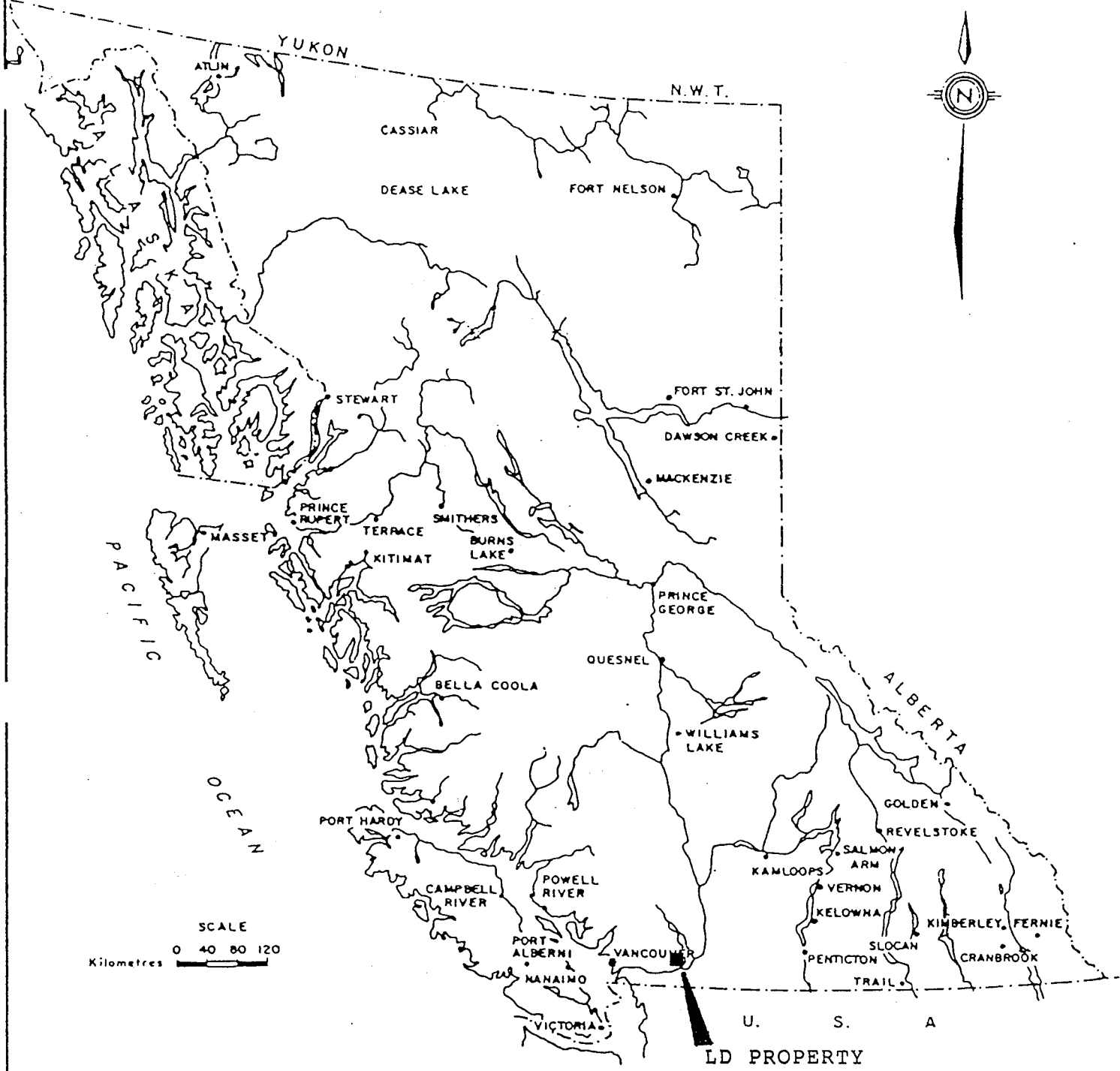
Report by:  
**D.L. COOKE AND ASSOCIATES LTD.**



David L. Cooke, Ph.D., P.Eng.  
March 28, 1991

## REFERENCES

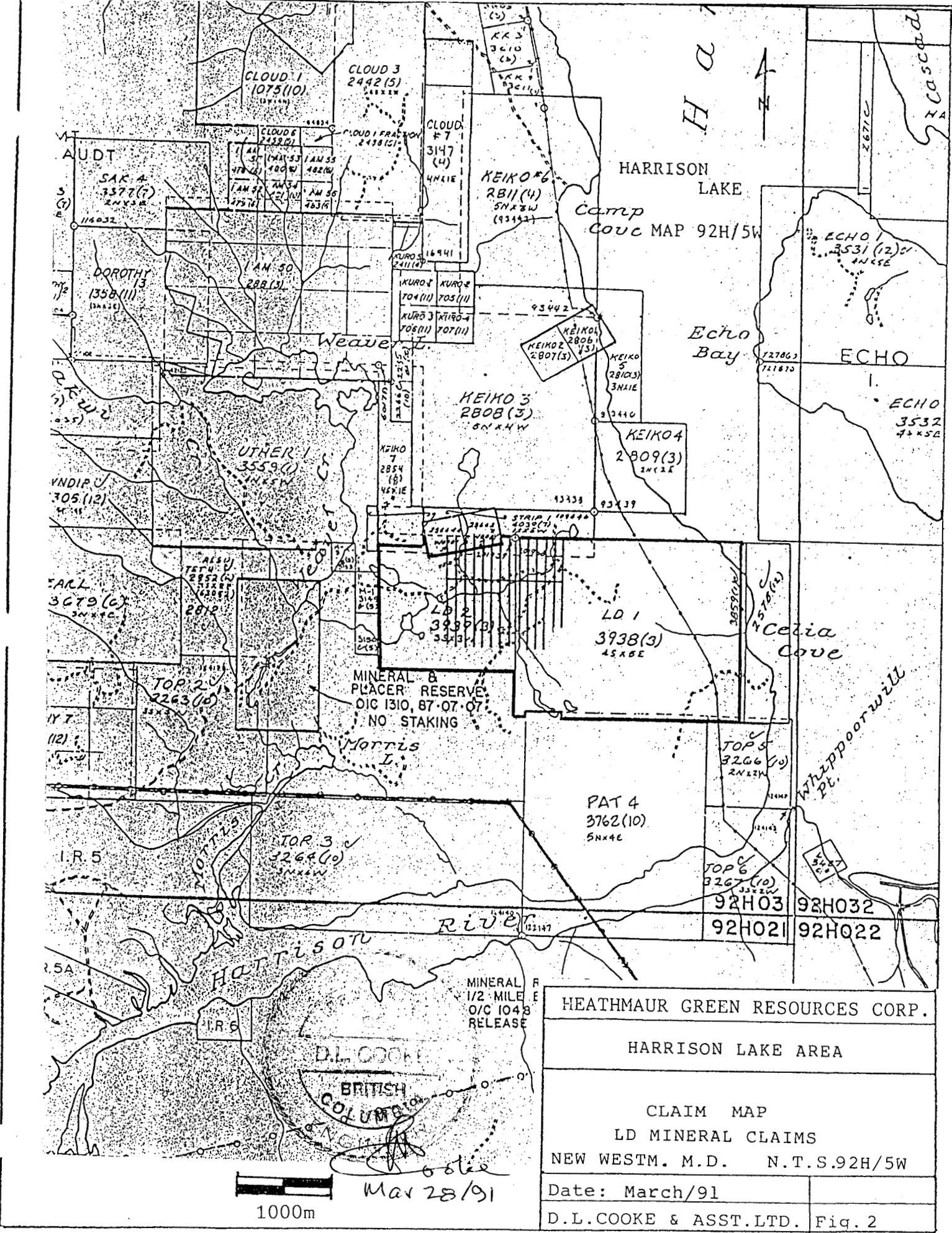
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- Wright, R.L., 1991, Geology Map and Notes - LD PProperty, New Westminister M.D. for Heathmaur Green Resources Corp.



*D. L. Cooke* Mar 28/91

PROFESSIONAL  
 PROVINCE OF  
 OF  
 D. L. COOKE  
 BRITISH COLUMBIA  
 ENGINEER

HEATHMAUR GREEN RESOURCES CORP.	
HARRISON LAKE AREA	
LOCATION MAP	
LD MINERAL CLAIMS	
New Westminster M.D.	NTS 92H/5W
D. L. COOKE & ASSOCIATES LTD.	OWN. BY:
	CHK. BY:
	SCALE: AS SHOWN
DATE: Mar/91	FIGURE 1



HEATHMAUR GREEN RESOURCES CORP.	
HARRISON LAKE AREA	
CLAIM MAP	
LD MINERAL CLAIMS	
NEW WESTM. M.D. N.T.S.92H/5W	
Date: March/91	
D.L.COOKE & ASST.LTD.	Fig. 2

1000m  
Mar 28/91

D.L. COOKE  
BRITISH  
COLUMBIA

MINERAL R  
1/2 MILE E  
O/C 1048  
RELEASE

92H03 92H032  
92H021 92H022

PAT 4  
3762(10)  
5N X 4E

TOP 3  
3264(10)  
5N X 4W

TOP 6  
3267(10)  
2N X 2W

LD 1  
3938(3)  
4S X 5E

MINERAL &  
PLACER RESERVE  
DIC 1310, 87-07-07  
NO STAKING

KEIKO 4  
2809(3)  
2N X 2E

KEIKO 3  
2808(3)  
5N X 4W

UTHER 1  
3559(1)  
1N X 5W

DOROTHY  
13  
1358(11)  
11A X 2E

KEIKO 6  
2811(4)  
5N X 3W  
(93342)

HARRISON LAKE  
Camp  
Cove MAP 92H/5W

ECHO  
Bay

ECHO 1  
3531(12)  
4N X 5E

ECHO  
3532  
4S X 5E

Celia  
Cove

Whippoorwill  
Pt.

Harrison  
River

I.R. 6

I.R. 5

TOP 2  
3263(10)

EARL  
3679(6)  
3N X 4E

VNDIP  
305(12)  
4N X 1E

2752  
355

AUDT  
SAK 4  
3377(7)  
2N X 3E

CLOUD 1  
1075(10)  
12N X 1W

CLOUD 3  
2442(5)  
4E X 2W

CLOUD  
#7  
3147  
(4)  
4N X 1E

CLOUD 6  
2458(10)

CLOUD 1 FRACTION  
2458(10)

AM 50  
288(13)

KURO 2  
704(11)  
703(11)

KURO 3  
708(11)  
707(11)

KEIKO 7  
2854  
(8)  
4E X 1E

KEIKO 5  
2810(3)  
3N X 1E

KEIKO 2  
2807(3)  
(13)

SID  
653

LD 2  
3939(3)  
3S X 3E

TOP 5  
3266(10)  
2N X 2W

TOP 6  
3267(10)  
3S X 2W

54  
PAT 7

92H03

92H021

92H032

92H022

H A  
N

Cascad  
A

ECHO  
I.

ECHO  
3532  
4S X 5E

3859(10)  
7S X 6E

TOP 5  
3266(10)  
2N X 2W

TOP 6  
3267(10)  
3S X 2W

92H03 92H032  
92H021 92H022

54  
PAT 7

HEATHMAUR GREEN RESOURCES CORP.

HARRISON LAKE AREA

CLAIM MAP

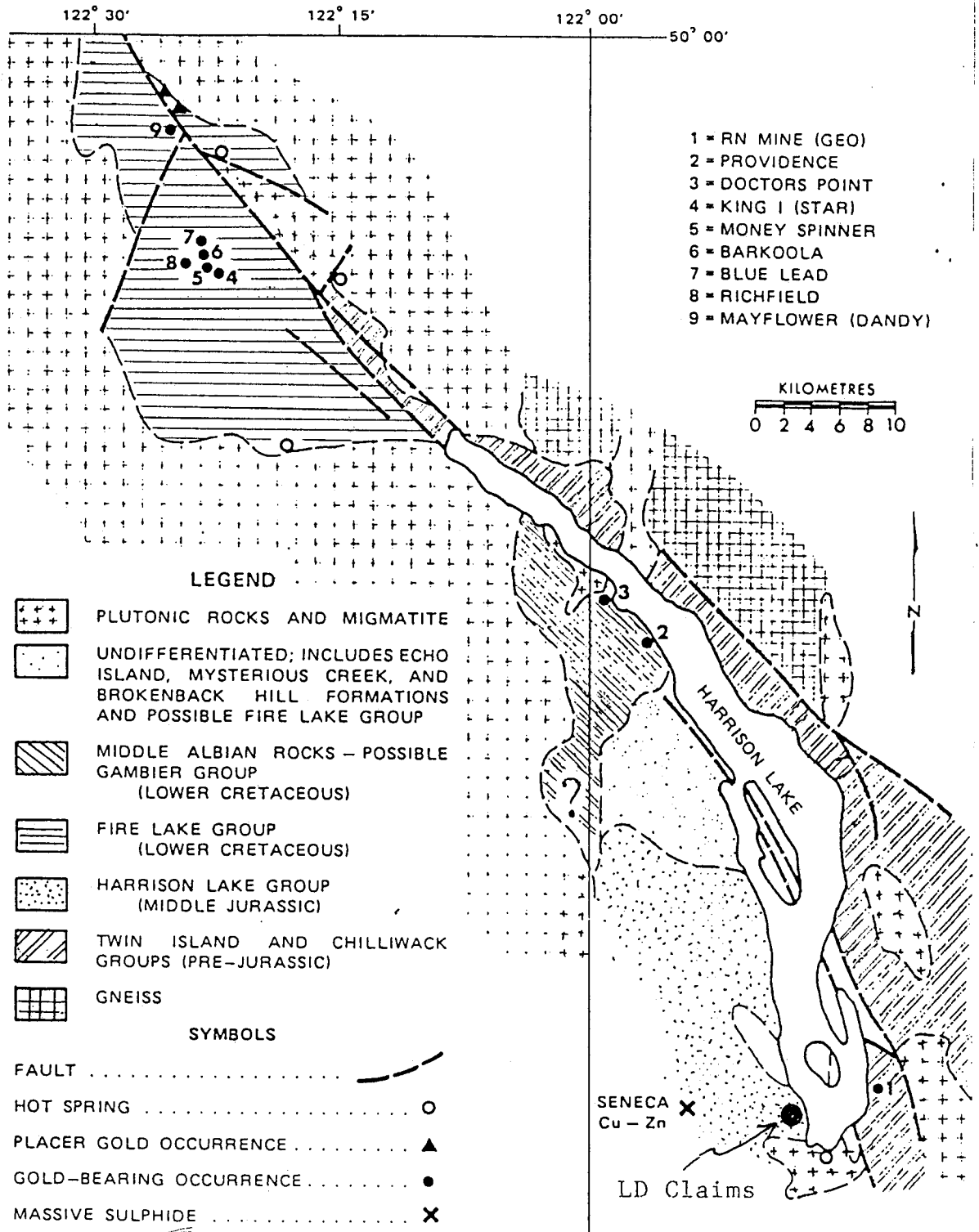
LD MINERAL CLAIMS

NEW WESTM. M.D. N.T.S.92H/5W

Date: March/91

D.L.COOKE & ASST.LTD.

Fig. 2



- 1 = RN MINE (GEO)
- 2 = PROVIDENCE
- 3 = DOCTORS POINT
- 4 = KING I (STAR)
- 5 = MONEY SPINNER
- 6 = BARKOOLA
- 7 = BLUE LEAD
- 8 = RICHFIELD
- 9 = MAYFLOWER (DANDY)

**LEGEND**

- PLUTONIC ROCKS AND MIGMATITE
- UNDIFFERENTIATED; INCLUDES ECHO ISLAND, MYSTERIOUS CREEK, AND BROKENBACK HILL FORMATIONS AND POSSIBLE FIRE LAKE GROUP
- MIDDLE ALBIAN ROCKS - POSSIBLE GAMBIER GROUP (LOWER CRETACEOUS)
- FIRE LAKE GROUP (LOWER CRETACEOUS)
- HARRISON LAKE GROUP (MIDDLE JURASSIC)
- TWIN ISLAND AND CHILLIWACK GROUPS (PRE-JURASSIC)
- GNEISS

**SYMBOLS**

- FAULT
- HOT SPRING
- PLACER GOLD OCCURRENCE
- GOLD-BEARING OCCURRENCE
- MASSIVE SULPHIDE

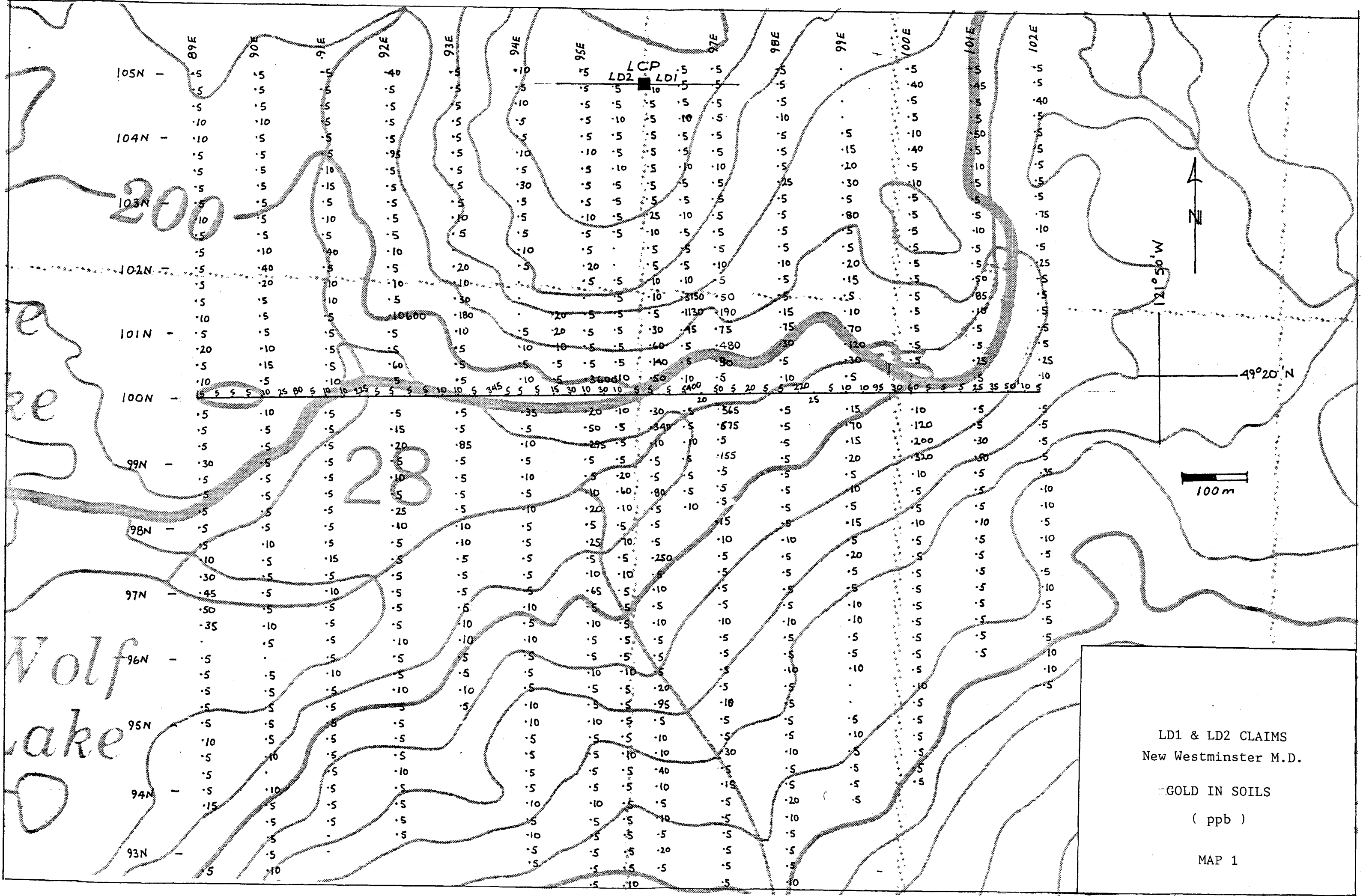
SENECA  
Cu - Zn

LD Claims

*D.L. Cooke*  
Mar 28/91

HEATHMAUR GREEN RESOURCES CORP.	
HARRISON LAKE AREA	
REGIONAL GEOLOGY	
New Westminster M.D. N.T.S.92H/5W	
Date: March 1991	
D.L. COOKE & ASST. LTD.	Fig. 3





LD1 & LD2 CLAIMS  
New Westminster M.D.

GOLD IN SOILS  
( ppb )

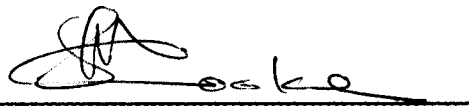
MAP 1

## APPENDIX I

### STATEMENT OF QUALIFICATIONS

I, DAVID LAWRENCE COOKE, of the Municipality of Surrey in the Province of British Columbia, hereby certify:

1. That I am a Consulting Geologist, residing at 10667 Arbutus Wynd, Surrey, B.C., V3R 0B5, with a business office at 811 - 675 West Hastings Street, Vancouver, B.C., V6B 1N2.
2. That I graduated with a B.Sc. degree in Geology from the University of New Brunswick in 1959, and with an M.A. degree and Ph.D. degree in Geology from the University of Toronto in 1961 and 1966 respectively.
3. That I have practised my profession as an exploration geologist from 1959 to the present time in Canada, the U.S.A., Mexico, the Caribbean and South America.
4. That I am a Registered Member since 1970 of the Association of Professional Engineers of the Province of British Columbia.
5. That I am personally familiar with the geology of the Harrison Lake area, the RN-Geo and Seneca deposits, and that I examined the LD mineral claims on February 28, 1991.
6. That I have no interest in the LD mineral claims nor in the shares of Heathmaur Green Resources Corp., nor do I expect to receive any interest or shares.
7. And that Heathmaur Green Resources Corp. has my permission to use this report in a prospectus in order to raise funds for further exploration work on the LD mineral claims.

  
\_\_\_\_\_  
DAVID L. COOKE, PH.D., P.ENG.  
March 28, 1991

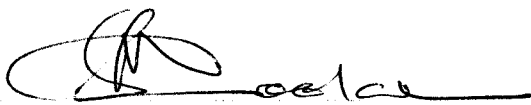
APPENDIX II

STATEMENT OF EXPLORATION EXPENSES

Soil Sampling Program, January 18 to February 4, 1991

L. Demczuk, M.Sc., Geologist January 18 - 31, February 1 - 4 18 days at \$350 per day	\$ 6,300
D. Carstens, Sampler January 18 - 31, February 1 - 6 20 days at \$250 per day	5,000
Supplies	250
Truck and fuel 20 days at \$100	2,000
Domicile 38 man days at \$50	1,900
Geochemistry 759 samples for gold at \$6.42/sample	4,872
Report	<u>500</u>
TOTAL	<u><u>\$ 20,822</u></u>

Prepared by:  
**D.L. COOKE AND ASSOCIATES LTD.**



David L. Cooke, Ph.D., P.Eng.  
March 28, 1991



Geochemical Analysis Certificate

1V-0112-SG1

Company: **PICKWICK EXPLORATION**  
Project: LD  
Attn: GARY MEDFORD

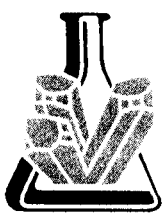
Date: FEB-08-91  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
91 LDS-01	40
91 LDS-02	20
91 LDS-03	10
L9000E 9250N	5
L9000E 9275N	10
L9000E 9300N	5
L9000E 9325N	5
L9000E 9350N	5
L9000E 9375N	5
L9000E 9400N	10
L9000E 9450N	10
L9000E 9475N	5
L9000E 9500N	5
L9000E 9525N	5
L9000E 9550N	5
L9000E 9575N	5
L9000E 9625N	5
L9000E 9650N	10
L9000E 9675N	5
L9000E 9700N	5
L9000E 9725N	5
L9000E 9750N	5
L9000E 9775N	10
L9000E 9800N	5
L9000E 9825N	5
L9000E 9850N	5
L9000E 9875N	5
L9000E 9900N	5
L9000E 9925N	5
L9000E 9950N	5

Certified by \_\_\_\_\_

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FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

***Geochemical Analysis Certificate***

**1V-0112-SG2**

**Company:** PICKWICK EXPLORATION  
**Project:** LD  
**Attn:** GARY MEDFORD

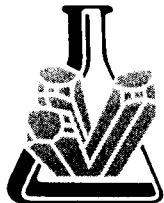
**Date:** FEB-08-91  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
L9000E 9975N	10
L9200E 10025N	5
L9200E 10050N	60
L9200E 10075N	5
L9200E 10100N	5
-----	
L9200E 10125N	10600
L9200E 10150N	5
L9200E 10175N	10
L9200E 10200N	5
L9200E 10225N	10
-----	
L9200E 10250N	5
L9200E 10275N	5
L9300E 10025N	5
L9300E 10050N	5
L9300E 10075N	5
-----	
L9300E 10100N	10
L9300E 10125N	180
L9300E 10150N	30
L9300E 10175N	10
L9300E 10200N	20
-----	
L9400E 10025N	10
L9400E 10075N	5
L9400E 10100N	10
L9400E 10125N	5
L9450E 10025N	5
-----	
L9450E 10050N	5
L9450E 10075N	10
L9450E 10100N	20
L9450E 10125N	20
L9500E 10025N	3600

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FAX (604) 980-9621

**THUNDER BAY LAB.:**  
TELEPHONE (807) 622-8958  
FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

Geochemical Analysis Certificate

1V-0112-SG3

Company: **PICKWICK EXPLORATION**  
Project: LD  
Attn: GARY MEDFORD

Date: FEB-08-91  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
---------------	------------

L9500E 10050N	5
L9500E 10075N	5
L9500E 10100N	5
L9500E 10125N	5
L9550E 9250N	10

L9550E 9275N	5
L9550E 9300N	5
L9550E 9325N	5
L9550E 9350N	5
L9550E 9375N	5

L9550E 9400N	5
L9550E 9425N	5
L9550E 9450N	10
L9550E 9475N	5
L9550E 9500N	5

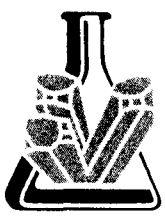
L9550E 9525N	5
L9550E 9550N	5
L9550E 9575N	10
L9550E 9600N	5
L9550E 9625N	5

L9550E 9650N	5
L9550E 9675N	5
L9550E 9700N	5
L9550E 9725N	10
L9550E 9750N	5

L9550E 9775N	70
L9550E 9800N	5
L9550E 9825N	10
L9550E 9850N	60
L9550E 9875N	20

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*Geochemical Analysis Certificate*

1V-0112-SG4

Company: **PICKWICK EXPLORATION**  
Project: LD  
Attn: GARY MEDFORD

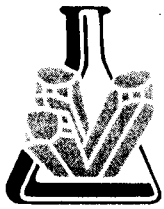
Date: FEB-08-91  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
L9550E 9900N	5
L9550E 9925N	5
L9550E 9950N	5
L9550E 9975N	10
L9550E 10025N	10
-----	
L9550E 10050N	5
L9550E 10075N	5
L9550E 10100N	5
L9550E 10125N	5
L9550E 10150N	5
-----	
L9550E 10175N	5
L9550E 10250N	5
L9550E 10275N	5
L9550E 10300N	5
L9550E 10325N	5
-----	
L9550E 10350N	10
L9550E 10375N	5
L9550E 10400N	5
L9550E 10425N	10
L9550E 10450N	5
-----	
L9550E 10475N	5
L9550E 10500N	5
L9600E 9250N	5
L9600E 9275N	20
L9600E 9325N	5
-----	
L9600E 9350N	10
L9600E 9375N	5
L9600E 9400N	10
L9600E 9425N	40
L9600E 9450N	10

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FAX (604) 980-9621

**THUNDER BAY LAB.:**  
TELEPHONE (807) 622-8958  
FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

Geochemical Analysis Certificate

1V-0112-SG5

Company: **PICKWICK EXPLORATION**  
Project: LD  
Attn: GARY MEDFORD

Date: FEB-08-91  
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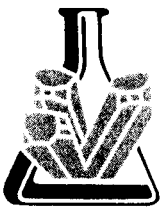
*We hereby certify* the following Geochemical Analysis of 20 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
L9600E 9475N	10
L9600E 9500N	5
L9600E 9525N	95
L9600E 9550N	20
L9600E 9575N	5
L9600E 9600N	5
L9600E 9625N	5
L9600E 9650N	10
L9600E 9675N	5
L9600E 9700N	10
L9600E 9725N	5
L9600E 9750N	250
L9600E 9775N	5
L9600E 9800N	5
L9600E 9825N	5
L9600E 9850N	80
L9600E 9875N	5
L9600E 9900N	5
L9600E 9925N	10
L9600E 9950N	340
L9600E 9975N	30
L9600E 10025N	50
L9600E 10050N	140
L9600E 10075N	60
L9600E 10100N	30
L9600E 10125N	5
L9600E 10150N	10
L9600E 10175N	10
L9600E 10200N	5
L9600E 10225N	5

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***Geochemical Analysis Certificate***

1V-0112-SG6

Company: **PICKWICK EXPLORATION**  
Project: LD  
Attn: GARY MEDFORD

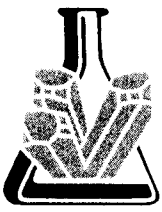
Date: FEB-08-91  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
L9600E 10250N	10
L9600E 10275N	25
L9600E 10300N	5
L9600E 10325N	5
L9600E 10350N	5
L9600E 10375N	5
L9600E 10400N	5
L9600E 10425N	5
L9600E 10450N	5
L9600E 10475N	10
L9600E 10500N	5
L9700E 9250N	5
L9700E 9275N	5
L9700E 9300N	5
L9700E 9325N	5
L9700E 9350N	5
L9700E 9375N	5
L9700E 9400N	15
L9700E 9425N	5
L9700E 9450N	30
L9700E 9475N	5
L9700E 9500N	5
L9700E 9525N	10
L9700E 9550N	5
L9700E 9575N	5
L9700E 9600N	5
L9700E 9625N	5
L9700E 9650N	10
L9700E 9675N	5
L9700E 9700N	5

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***Geochemical Analysis Certificate***

**1V-0112-SG7**

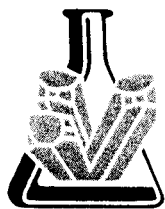
Company: **PICKWICK EXPLORATION**  
Project: **LD**  
Attn: **GARY MEDFORD**

Date: **FEB-08-91**  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*He hereby certify* the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET	PPB
L9700E 9725N	5	5
L9700E 9750N	5	5
L9700E 9775N	10	10
L9700E 9800N	15	15
L9700E 9825N	5	5
L9700E 9850N	5	5
L9700E 9875N	5	5
L9700E 9900N	155	155
L9700E 9925N	5	5
L9700E 9950N	675	675
L9700E 9975N	365	365
L9700E 10025N	5	5
L9700E 10050N	30	30
L9700E 10075N	480	480
L9700E 10100N	75	75
L9700E 10125N	190	190
L9700E 10150N	50	50
L9700E 10175N	5	5
L9700E 10200N	10	10
L9700E 10225N	5	5
L9700E 10250N	5	5
L9700E 10275N	5	5
L9700E 10300N	5	5
L9700E 10325N	5	5
L9700E 10350N	10	10
L9700E 10375N	5	5
L9700E 10400N	5	5
L9700E 10425N	5	5
L9700E 10450N	5	5
L9700E 10475N	5	5

*Certified by* \_\_\_\_\_



***Geochemical Analysis Certificate***

**1V-0112-SG8**

Company: **PICKWICK EXPLORATION**  
Project: **LD**  
Attn: **GARY MEDFORD**

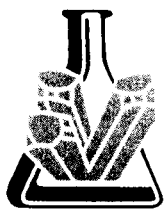
Date: **FEB-08-91**  
Copy 1. **PICKWICK EXPLORATION, VANCOUVER, B.C.**

***We hereby certify*** the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET	PPB
L9700E 10500N	5	
L9800E 9250N	10	
L9800E 9275N	5	
L9800E 9300N	5	
L9800E 9325N	5	
L9800E 9350N	10	
L9800E 9375N	20	
L9800E 9400N	5	
L9800E 9425N	5	
L9800E 9450N	10	
L9800E 9475N	5	
L9800E 9500N	5	
L9800E 9525N	5	
L9800E 9550N	5	
L9800E 9575N	10	
L9800E 9600N	5	
L9800E 9625N	5	
L9800E 9650N	10	
L9800E 9675N	5	
L9800E 9700N	5	
L9800E 9725N	5	
L9800E 9750N	5	
L9800E 9775N	10	
L9800E 9800N	5	
L9800E 9825N	5	
L9800E 9850N	5	
L9800E 9875N	5	
L9800E 9900N	5	
L9800E 9925N	5	
L9800E 9950N	5	

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FAX (604) 980-9621

**THUNDER BAY LAB.:**  
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FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

*Geochemical Analysis Certificate*

1V-0112-SG9

Company: **PICKWICK EXPLORATION**  
Project: **LD**  
Attn: **GARY MEDFORD**

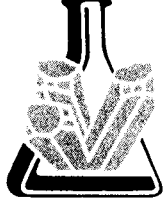
Date: **FEB-08-91**  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET PFB
L9800E 9975N	5
L9800E 10025N	10
L9800E 10050N	5
L9800E 10075N	30
L9800E 10100N	75
L9800E 10125N	15
L9800E 10150N	5
L9800E 10175N	5
L9800E 10200N	10
L9800E 10225N	5
L9800E 10250N	5
L9800E 10275N	5
L9800E 10300N	5
L9800E 10325N	25
L9800E 10350N	5
L9800E 10375N	5
L9800E 10400N	5
L9800E 10425N	10
L9800E 10450N	5
L9800E 10475N	5
L9800E 10500N	5
L9900E 4500N	5
L9900E 9375N	5
L9900E 9400N	5
L9900E 9425N	5
L9900E 9450N	10
L9900E 9475N	5
L9900E 9575N	10
L9900E 9600N	5
L9900E 9625N	5

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FAX (604) 980-9621

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FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

Geochemical Analysis Certificate

1V-0112-SG10

Company: **PICKWICK EXPLORATION**  
Project: LD  
Attn: GARY MEDFORD

Date: FEB-11-91  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
---------------	------------

L9900E 9650N	10
L9900E 9675N	10
L9900E 9700N	5
L9900E 9725N	5
L9900E 9750N	20

L9900E 9775N	5
L9900E 9800N	15
L9900E 9825N	5
L9900E 9850N	10
L9900E 9875N	5

L9900E 9900N	20
L9900E 9925N	15
L9900E 9950N	70
L9900E 9975N	15
L9900E 10025N	5

L9900E 10050N	30
L9900E 10075N	120
L9900E 10100N	70
L9900E 10125N	10
L9900E 10150N	5

L9900E 10175N	15
L9900E 10200N	20
L9900E 10225N	5
L9900E 10250N	5
L9900E 10275N	80

L9900E 10300N	5
L9900E 10325N	30
L9900E 10350N	20
L9900E 10375N	15
L10000E 9400N	5

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Geochemical Analysis Certificate


1V-0112-SG11

Company: **PICKWICK EXPLORATION**  
Project: **LD**  
Attn: **GARY MEDFORD**

Date: **FEB-11-91**  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.*

Sample Number	AU-WET PPB
L10000E 9425N	5
L10000E 9450N	5
L10000E 9475N	5
L10000E 9500N	5
L10000E 9525N	5
L10000E 9550N	10
L10000E 9575N	5
L10000E 9600N	5
L10000E 9625N	5
L10000E 9650N	5
L10000E 9675N	5
L10000E 9700N	5
L10000E 9725N	5
L10000E 9750N	5
L10000E 9775N	5
L10000E 9800N	10
L10000E 9825N	5
L10000E 9850N	5
L10000E 9875N	10
L10000E 9900N	320
L10000E 9925N	200
L10000E 9950N	120
L10000E 9975N	10
L10000E 10050N	5
L10000E 10075N	5
L10000E 10100N	5
L10000E 10125N	5
L10000E 10150N	5
L10000E 10175N	5
L10000E 10200N	5

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Geochemical Analysis Certificate

1V-0112-SG12

Company: **PICKWICK EXPLORATION**  
Project: LD  
Attn: GARY MEDFORD

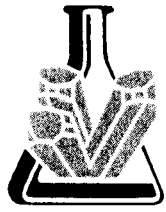
Date: FEB-11-91  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*He hereby certify* the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET	PPB
L10000E 10225N	5	
L10000E 10250N	5	
L10000E 10275N	5	
L10000E 10300N	5	
L10000E 10325N	10	
-----		
L10000E 10350N	5	
L10000E 10375N	40	
L10000E 10400N	10	
L10000E 10425N	5	
L10000E 10450N	5	
-----		
L10000E 10475N	40	
L10000E 10500N	5	
L10100E 10025N	5	
L10100E 10050N	25	
L10100E 10075N	5	
-----		
L10100E 10100N	5	
L10100E 10125N	10	
L10100E 10150N	85	
L10100E 10175N	50	
L10100E 10200N	5	
-----		
L10100E 10225N	5	
L10100E 10250N	10	
L10100E 10275N	5	
L10100E 10300N	5	
L10100E 10325N	5	
-----		
L10100E 10350N	10	
L10100E 10375N	5	
L10100E 10400N	50	
L10100E 10425N	5	
L10100E 10450N	5	

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Geochemical Analysis Certificate

1V-0112-SG13

Company: **PICKWICK EXPLORATION**  
Project: LD  
Attn: GARY MEDFORD

Date: FEB-11-91

Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
---------------	------------

L10100E 10475N	45
L10100E 10500N	5
L10200E 10025N	10
L10200E 10050N	25
L10200E 10075N	5

L10200E 10100N	5
L10200E 10125N	5
L10200E 10150N	5
L10200E 10175N	5
L10200E 10200N	25

L10200E 10225N	5
L10200E 10250N	10
L10200E 10275N	75
L10200E 10300N	5
L10200E 10325N	5

L10200E 10350N	5
L10200E 10375N	5
L10200E 10400N	5
L10200E 10425N	5
L10200E 10450N	40

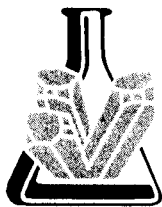
L10200E 10475N	5
L10200E 10500N	5
BL10000N 8900E	5
BL10000N 8925E	5
BL10000N 8950E	5

BL10000N 8975E	5
BL10000N 9000E	10
BL10000N 9025E	25
BL10000N 9050E	80
BL10000N 9075E	5

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**THUNDER BAY LAB.:**  
TELEPHONE (807) 622-8958  
FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

*Geochemical Analysis Certificate*

1V-0112-SG14

Company: **PICKWICK EXPLORATION**  
Project: LD  
Attn: GARY MEDFORD

Date: FEB-11-91  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 30 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
---------------	---------------

BL10000N 9100E	10
BL10000N 9125E	10
BL10000N 9150E	225
BL10000N 9175E	5
BL10000N 9200E	5

BL10000N 9225E	5
BL10000N 9250E	5
BL10000N 9275E	10
BL10000N 9300E	10
BL10000N 9325E	5

BL10000N 9350E	345
BL10000N 9375E	5
BL10000N 9400E	5
BL10000N 9425E	5
BL10000N 9450E	15

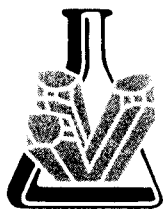
BL10000N 9475E	30
BL10000N 9500E	10
BL10000N 9525E	30
BL10000N 9550E	10
BL10000N 9575E	5

BL10000N 9600E	5
BL10000N 9625E	5
BL10000N 9650E	5400
BL10000N 9675E	20
BL10000N 9700E	50

BL10000N 9725E	5
BL10000N 9750E	20
BL10000N 9775E	5
BL10000N 9800E	5
BL10000N 9825E	220

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FAX (604) 980-9621

**THUNDER BAY LAB.:**  
TELEPHONE (807) 622-8958  
FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

***Geochemical Analysis Certificate***

**1V-0112-SG15**

Company: **PICKWICK EXPLORATION**  
Project: **LD**  
Attn: **GARY MEDFORD**

Date: **FEB-12-91**  
Copy 1. **PICKWICK EXPLORATION, VANCOUVER, B.C.**

***He hereby certify*** the following Geochemical Analysis of 15 PULPS samples submitted JAN-29-91 by GARY MEDFORD.

Sample Number	AU-WET	PPB
BL10000N 9850E		25
BL10000N 9875E		5
BL10000N 9900E		10
BL10000N 9925E		10
BL10000N 9950E		95
BL10000N 9975E		30
BL10000N 10000E		60
BL10000N 10025E		5
BL10000N 10050E		5
BL10000N 10075E		5
BL10000N 10100E		25
BL10000N 10125E		35
BL10000N 10150E		50
BL10000N 10175E		10
BL10000N 10200E		5

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 FAX (807) 623-5931

**SMITHERS LAB.:**  
 TELEPHONE/FAX (604) 847-3004

Geochemical Analysis Certificate

1V-0144-SG1

Company: **PICKWICK EXPLORATION**  
 Project:  
 Attn: **GARY MEDFORD**

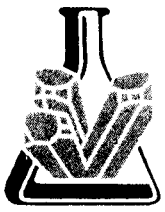
Date: **FEB-11-91**  
 Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

**We hereby certify the following Geochemical Analysis of 30 SOILS samples submitted FEB-05-91 by GARY MEDFORD.**

Sample Number	AU-WET PPB
91 LDS 05	5
91 LDS 06	10
LB900E 9250N	10
LB900E 9275N	5
LB900E 9375N	15
LB900E 9400N	5
LB900E 9425N	5
LB900E 9450N	5
LB900E 9475N	10
LB900E 9500N	5
LB900E 9525N	5
LB900E 9550N	5
LB900E 9575N	5
LB900E 9600N	5
LB900E 9650N	35
LB900E 9675N	50
LB900E 9700N	45
LB900E 9725N	30
LB900E 9750N	10
LB900E 9775N	5
LB900E 9800N	5
LB900E 9825N	5
LB900E 9850N	5
LB900E 9875N	5
LB900E 9900N	30
LB900E 9925N	5
LB900E 9950N	5
LB900E 9975N	5
LB900E 10025N	10
LB900E 10050N	5

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**THUNDER BAY LAB.:**  
TELEPHONE (807) 622-8958  
FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

**Geochemical Analysis Certificate**

**1V-0144-SG2**

Company: **PICKWICK EXPLORATION**  
Project:  
Attn: **GARY MEDFORD**

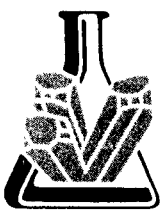
Date: **FEB-11-91**  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

***He hereby certify*** the following Geochemical Analysis of 30 SOILS samples submitted FEB-05-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
L8900E 10075N	20
L8900E 10100N	5
L8900E 10125N	10
L8900E 10150N	5
L8900E 10175N	5
L8900E 10200N	5
L8900E 10225N	5
L8900E 10250N	5
L8900E 10275N	10
L8900E 10300N	5
L8900E 10325N	5
L8900E 10350N	5
L8900E 10375N	5
L8900E 10400N	10
L8900E 10425N	10
L8900E 10450N	5
L8900E 10475N	5
L8900E 10500N	5
L9000E 10025N	5
L9000E 10050N	15
L9000E 10075N	10
L9000E 10100N	5
L9000E 10125N	5
L9000E 10150N	5
L9000E 10175N	20
L9000E 10200N	40
L9000E 10225N	10
L9000E 10250N	5
L9000E 10275N	5
L9000E 10300N	5

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**Geochemical Analysis Certificate**

**1V-0144-SG3**

**Company: PICKWICK EXPLORATION**  
**Project:**  
**Attn: GARY MEDFORD**

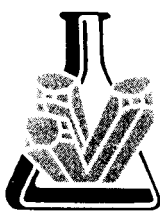
**Date: FEB-11-91**  
**Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.**

***He hereby certify* the following Geochemical Analysis of 30 SOILS samples submitted FEB-05-91 by GARY MEDFORD.**

Sample Number	AU-WET	PFB
L9000E 10325N	5	
L9000E 10350N	5	
L9000E 10375N	5	
L9000E 10400N	5	
L9000E 10425N	10	
L9000E 10450N	5	
L9000E 10475N	5	
L9000E 10500N	5	
L9100E 9350N	5	
L9100E 9375N	5	
L9100E 9400N	5	
L9100E 9425N	5	
L9100E 9450N	5	
L9100E 9475N	5	
L9100E 9500N	5	
L9100E 9525N	5	
L9100E 9550N	5	
L9100E 9575N	10	
L9100E 9600N	5	
L9100E 9625N	5	
L9100E 9650N	5	
L9100E 9675N	5	
L9100E 9700N	10	
L9100E 9725N	5	
L9100E 9750N	15	
L9100E 9775N	5	
L9100E 9800N	5	
L9100E 9825N	5	
L9100E 9850N	5	
L9100E 9875N	5	

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Geochemical Analysis Certificate

1V-0144-SG4

Company: **PICKWICK EXPLORATION**  
 Project:  
 Attn: **GARY MEDFORD**

Date: **FEB-11-91**  
 Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 30 SOILS samples submitted FEB-05-91 by GARY MEDFORD.

Sample Number	AU-WET	PPB
L9100E 9900N	5	
L9100E 9925N	5	
L9100E 9950N	5	
L9100E 9975N	5	
L9100E 10025N	10	
L9100E 10050N	5	
L9100E 10075N	5	
L9100E 10100N	5	
L9100E 10125N	5	
L9100E 10150N	10	
L9100E 10175N	10	
L9100E 10200N	5	
L9100E 10225N	40	
L9100E 10250N	5	
L9100E 10275N	10	
L9100E 10300N	5	
L9100E 10325N	15	
L9100E 10350N	10	
L9100E 10375N	5	
L9100E 10400N	5	
L9100E 10425N	5	
L9100E 10450N	5	
L9100E 10475N	5	
L9100E 10500N	5	
L9200E 9325N	5	
L9200E 9350N	5	
L9200E 9375N	5	
L9200E 9400N	5	
L9200E 9425N	10	
L9200E 9450N	5	

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FAX (604) 980-9621

**THUNDER BAY LAB.:**  
TELEPHONE (807) 622-8958  
FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

Geochemical Analysis Certificate

1V-0144-SG5

Company: **PICKWICK EXPLORATION**  
Project:  
Attn: **GARY MEDFORD**

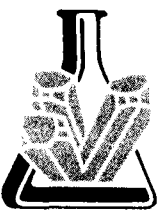
Date: **FEB-11-91**  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 30 SOILS samples submitted FEB-05-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
L9200E 9475N	5
L9200E 9500N	5
L9200E 9525N	5
L9200E 9550N	10
L9200E 9575N	5
L9200E 9600N	5
L9200E 9625N	10
L9200E 9650N	5
L9200E 9675N	5
L9200E 9700N	5
L9200E 9725N	5
L9200E 9750N	5
L9200E 9775N	5
L9200E 9800N	10
L9200E 9825N	25
L9200E 9850N	5
L9200E 9875N	10
L9200E 9900N	5
L9200E 9925N	20
L9200E 9950N	15
L9200E 9975N	5
L9200E 10300N	5
L9200E 10325N	5
L9200E 10350N	5
L9200E 10375N	95
L9200E 10400N	5
L9200E 10425N	5
L9200E 10450N	5
L9200E 10475N	5
L9200E 10500N	40

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FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

Geochemical Analysis Certificate

1V-0144-SG6

Company: **PICKWICK EXPLORATION**  
Project:  
Attn: **GARY MEDFORD**

Date: **FEB-11-91**  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

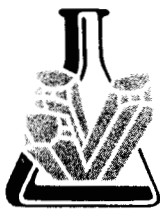
*We hereby certify* the following Geochemical Analysis of 30 SOILS samples submitted FEB-05-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
L9300E 9525N	5
L9300E 9550N	10
L9300E 9575N	5
L9300E 9600N	5
L9300E 9625N	10
L9300E 9650N	10
L9300E 9675N	5
L9300E 9700N	5
L9300E 9725N	5
L9300E 9750N	5
L9300E 9775N	10
L9300E 9800N	10
L9300E 9825N	5
L9300E 9850N	5
L9300E 9875N	5
L9300E 9900N	5
L9300E 9925N	85
L9300E 9950N	5
L9300E 9975N	5
L9400E 9275N	5
L9400E 9300N	5
L9400E 9325N	10
L9400E 9350N	5
L9400E 9375N	10
L9400E 9400N	5
L9400E 9425N	5
L9400E 9450N	5
L9400E 9475N	5
L9400E 9500N	10
L9400E 9525N	10

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**THUNDER BAY LAB.:**  
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FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

***Geochemical Analysis Certificate***

**1V-0144-SG7**

**Company:** PICKWICK EXPLORATION  
**Project:**  
**Attn:** GARY MEDFORD

**Date:** FEB-11-91  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

**We hereby certify** the following Geochemical Analysis of 30 SOILS samples submitted FEB-05-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
L9400E 9550N	5
L9400E 9575N	5
L9400E 9600N	5
L9400E 9625N	10
L9400E 9650N	5
L9400E 9675N	10
L9400E 9700N	5
L9400E 9725N	5
L9400E 9750N	5
L9400E 9775N	5
L9400E 9800N	5
L9400E 9825N	10
L9400E 9850N	5
L9400E 9875N	10
L9400E 9900N	5
L9400E 9925N	10
L9400E 9950N	5
L9400E 9975N	35
L9500E 9250N	5
L9500E 9275N	5
L9500E 9300N	5
L9500E 9325N	5
L9500E 9350N	5
L9500E 9375N	10
L9500E 9400N	5
L9500E 9425N	5
L9500E 9450N	5
L9500E 9475N	5
L9500E 9500N	10
L9500E 9525N	5

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FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

**Geochemical Analysis Certificate**

**1V-0144-SG8**

**Company: PICKWICK EXPLORATION**  
**Project:**  
**Attn: GARY MEDFORD**

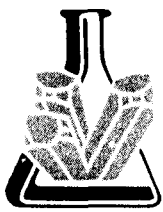
**Date: FEB-11-91**  
**Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.**

**We hereby certify the following Geochemical Analysis of 30 SOILS samples submitted FEB-05-91 by GARY MEDFORD.**

Sample Number	AU-WET	PPB
L9500E 9550N	5	
L9500E 9575N	10	
L9500E 9600N	5	
L9500E 9625N	5	
L9500E 9650N	10	
L9500E 9675N	5	
L9500E 9700N	65	
L9500E 9725N	10	
L9500E 9750N	5	
L9500E 9775N	25	
L9500E 9800N	5	
L9500E 9825N	20	
L9500E 9850N	10	
L9500E 9875N	5	
L9500E 9900N	5	
L9500E 9925N	295	
L9500E 9950N	50	
L9500E 9975N	20	
L9650E 9825N	10	
L9650E 9850N	5	
L9650E 9875N	5	
L9650E 9900N	5	
L9650E 9925N	10	
L9650E 9950N	5	
L9650E 9975N	5	
L9650E 10025N	10	
L9650E 10050N	5	
L9650E 10075N	5	
L9650E 10100N	45	
L9650E 10125N	1130	

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FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

**Geochemical Analysis Certificate**

**1V-0144-SG9**

Company: **PICKWICK EXPLORATION**  
Project:  
Attn: **GARY MEDFORD**

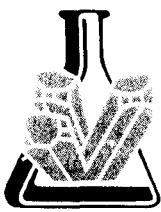
Date: **FEB-11-91**  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 30 SOILS samples submitted FEB-05-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
L9650E 10150N	3150
L9650E 10175N	10
L9650E 10200N	5
L9650E 10225N	5
L9650E 10250N	5
L9650E 10275N	10
L9650E 10300N	5
L9650E 10325N	5
L9650E 10350N	10
L9650E 10375N	5
L9650E 10400N	5
L9650E 10425N	10
L9650E 10450N	5
L9650E 10475N	5
L9650E 10500N	5
L10200E 9550N	5
L10200E 9575N	10
L10200E 9600N	10
L10200E 9625N	5
L10200E 9650N	5
L10200E 9675N	5
L10200E 9700N	10
L10200E 9725N	5
L10200E 9750N	5
L10200E 9775N	10
L10200E 9800N	5
L10200E 9825N	10
L10200E 9850N	10
L10200E 9875N	35
L10200E 9900N	5

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**THUNDER BAY LAB.:**  
TELEPHONE (807) 622-8958  
FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

Geochemical Analysis Certificate

1V-0144-SG10

Company: **PICKWICK EXPLORATION**  
Project:  
Attn: **G. MEDFORD**

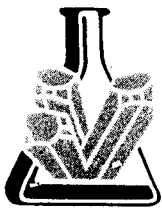
Date: **FEB-11-91**  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 3 SOILS samples submitted FEB-05-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
L10200E 9925N	5
L10200E 9950N	5
L10200E 9975N	5

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**THUNDER BAY LAB.:**  
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FAX (807) 623-5931

**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

**Geochemical Analysis Certificate**

**1V-0166-SG1**

Company: **PICKWICK EXPLORATION**  
Project: **LD**  
Attn: **GARY MEDFORD**

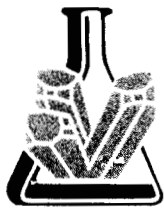
Date: **FEB-12-91**  
Copy 1. **PICKWICK EXPLORATION, VANCOUVER, B.C.**

**He hereby certify** the following Geochemical Analysis of 30 SOIL samples submitted FEB-09-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
L9300E-10250N	5
L9300E-10275N	10
L9300E-10300N	5
L9300E-10325N	5
L9300E-10350N	5
L9300E-10375N	5
L9300E-10400N	5
L9300E-10425N	5
L9300E-10450N	5
L9300E-10475N	5
L9300E-10500N	5
L9400E-10200N	5
L9400E-10225N	10
L9400E-10250N	5
L9400E-10275N	5
L9400E-10300N	5
L9400E-10325N	30
L9400E-10350N	5
L9400E-10375N	10
L9400E-10400N	5
L9400E-10425N	5
L9400E-10450N	10
L9400E-10475N	5
L9400E-10500N	10
L9500E-10175N	5
L9500E-10200N	20
L9500E-10225N	5
L9500E-10250N	5
L9500E-10275N	10
L9500E-10300N	5

Certified by \_\_\_\_\_

**MIN-EN LABORATORIES**



**MINERAL ENVIRONMENTS LABORATORIES**  
(DIVISION OF ASSAYERS CORP.)

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**SMITHERS LAB.:**  
TELEPHONE/FAX (604) 847-3004

Geochemical Analysis Certificate

1V-0166-SG2

Company: **PICKWICK EXPLORATION**  
Project: **LD**  
Attn: **GARY MEDFORD**

Date: **FEB-12-91**  
Copy 1. PICKWICK EXPLORATION, VANCOUVER, B.C.

*We hereby certify* the following Geochemical Analysis of 26 SOIL samples submitted FEB-09-91 by GARY MEDFORD.

Sample Number	AU-WET PPB
L9500E-10325N	5
L9500E-10350N	5
L9500E-10375N	10
L9500E-10400N	5
L9500E-10425N	5
L9500E-10450N	5
L9500E-10475N	5
L9500E-10500N	5
L9525E-10150N	20
L9550E-10160N	5
L10100E-9600N	5
L10100E-9625N	5
L10100E-9650N	5
L10100E-9675N	5
L10100E-9700N	5
L10100E-9725N	5
L10100E-9750N	5
L10100E-9775N	5
L10100E-9800N	10
L10100E-9825N	5
L10100E-9850N	5
L10100E-9875N	5
L10100E-9900N	50
L10100E-9925N	30
L10100E-9950N	5
L10100E-9975N	5

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