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ACTION:		
FILE NO:		

**RECEIVED**  
JAN 25 1993  
Gold Commissioner's Office  
VANCOUVER, B.C.

**Geochemical Assessment Report**

**on the  
Contact Claim**

Harrison Lake Area  
(New Westminster M.D.)

(N.T.S. 92H/5E)

Latitude: 49° 17' North  
Longitude: 121° 44' West

for  
Owner  
Les Demczuk  
1835 East 13th Ave.  
Vancouver, B.C. V5N 2B9

and

Operator  
Pickwick Explorations Ltd.  
3894 West 37th Ave.  
Vancouver, B.C. V6N 2W3

David L. Cooke, Ph.D., P. Eng.  
D.L. Cooke and Associates Ltd.  
811 - 675 West Hastings Street  
Vancouver, B.C.  
V6B 1N2

October 1, 1992

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**22,744**

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## Summary

The Contact mineral claims (9 claim units) cover skarn mineralization at the southeast end of Harrison Lake, 100 kilometers east of Vancouver, B.C.

The area of the claims is rugged, with elevations ranging from 60 to 800 meters. Access is by paved road, 8 kilometers northeast of Agassiz, B.C. The recorded owner is Les Demczuk of Vancouver, B.C.

Previous work between 1917 and 1922 consisted of a short adit and two open cuts within garnet-tremolite skarn on the south slope of Bear Mtn. High grade copper samples collected during this period returned minor gold and silver values. The mineralization was reported as copper carbonates, chalcopryite, and chalcocite at the contact of crystalline limestone and granodiorite. At least three adits were driven on the adjacent Empress claims to the west, where the contact skarn contained copper and molybdenum.

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. Volcanogenic massive sulphide deposits also occur within the Middle Jurassic rocks. Contact skarns, containing copper with lesser molybdenum, gold and silver, occur in pre-Jurassic limestones.

The 1992 geochemical program was carried out to evaluate the copper and precious metal potential.

The geochemical results of the 1992 exploration program on the Contact claim are not strong but there remains some potential for copper and gold mineralization that must be further evaluated by geophysical means.

## Introduction

A geochemical grid program was carried out to evaluate the potential extension of chalcopyrite mineralization in marble and also to locate other possible skarn mineralization that might be found on the property.

## Property

The property consists of the Contact claim. The government claim data is as follows:

<u>Claim</u>	<u>Units</u>	<u>Record Number</u>	<u>Date of Record</u>
Contact	9	300545	June 1, 1991

Les Demczuk of Vancouver, B.C. is the recorded owner of the Contact claim.

The Contact claim covers the area previously held by a claim of the same name.

## Location and Access

Latitude: 49° 17'N; Longitude: 121° 44'W  
New Westminster M.D. N.T.S. 92H/5E

The Contact mineral claim is located on the southwest side of Bear Mtn. in the New Westminster Mining Division. The claim is situated approximately 8 kilometers northeast of Agassiz, B.C. and 3 kilometers southeast of Harrison Hot Springs, B.C.

The claim may be reached by paved road (Highway 7) which runs east from Agassiz, via the Seabird Island community. Old fourwheel drive roads provide good access within the claim block. The property lies approximately 100 kilometers east of Vancouver, B.C., as the crow flies.

The topography of the claims is rugged, with elevations ranging from 60 metres at the Fraser River to 800 metres at the highest point on Bear Mtn. The area is moderately 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, Agassiz and Mission, B.C. provide excellent infrastructure and power to support exploration and mining in the area. The Canadian Pacific rail line from Agassiz to Vancouver passes through the southeastern corner of the property. The Lougheed Highway runs adjacent to the railway line.

### **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 on the Contact claim appeared in the 1922 B.C. Minister of Mines Report (p. N253). Work at the time consisted of two open cuts on lenses and fissures of chalcopyrite mineralization. A glory hole was excavated to a depth of 5.5 metres, with surface dimensions of 8.5 by 5.5 metres. Assays of 15% Cu, 5.6 oz.Ag and 0.02 oz.Au were reported from some of this skarn mineralization located in a crystalline limestone unit. There is no record of other significant exploration work on this property in recent times.

## 1992 Exploration Program

The 1992 exploration program was carried out to evaluate the potential for additional skarn mineralization that might exist on the property, as evidenced by the many small chalcopyrite lenses in marble that have attracted attention since the turn of the century.

A geochemical program was carried out by Pickwick Explorations Ltd. to assess the mineral potential of the skarn. A flagged grid, comprising 10.0 kilometers with stations 25 metres apart, was established using compass and hip chain for control.

Soil samples, taken from the B-horizon, were analyzed at Min-En Laboratories in North Vancouver for Ag, As, Bi, Cd, Co, Cu, Mn, Mo, Pb, Sb, Zn and Cr using I.C.P. analysis. Gold was determined by fire assay using an atomic absorption photospectrometer finish.

## Geology

### Regional Geology (Figure 3)

The most prominent geological feature of the area is the Harrison Lake fracture system ( Figure 3). This is the 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 tellurides with or without base metals. The three main deposits which have been outlined to date 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 and Mineralization (Figure 4)**

The property geology comprises a package of Permian or Pennsylvanian carbonates, sandstones and minor volcanics of the Chilliwack Group, within the area covered by most of the grid. These units strike approximately 300° with a 70° easterly dip, and they are overlain to the east by Jurassic sandstones which occur just east of the grid.

The sedimentary units are intruded by a large body of hornblende-biotite granodiorite (unit B, Oligocene Chilliwack Batholith) extensively developed south of Line 1,000N, and west of the baseline to 1,500N. A small intrusion of Unit B, found on line 1600N, indicates that the sedimentary package may be a septum or roof pendant virtually engulfed by granodiorite and hence intensely metamorphosed. The crystalline nature of quartz-rich metasediments suggest an intense contact metamorphic event has occurred. The limestone bed has been converted to marble containing zones of tremolite, diopside, garnet and wollastonite.

Copper mineralization found on the property is confined to the two open cuts on Line 1,300N and consists of chalcopyrite and malachite within garnet-diopside or garnet-tremolite skarn developed over several metres. These lenses were the focus of early exploration of the property.

## Geochemistry (Figure 5)

The geochemical analyses of B-horison soils for gold and 12-element ICP were done by Min-En Laboratories of North Vancouver, B.C. Of the elements reported, As, Cd, Mo, Sb were only occasionally present above detection limits. Silver was similarly flat with the exception of three samples taken near the open cut on Line 1,300N, 1,125E, 1,150E and 1,175E (11.3, 8.9 and 22ppm respectively). Plots of the remaining elements were made and contouring of the elements at various thresholds produced no clustering or definitive exploration targets. The only truly anomalous element found to be present was copper and, as with silver, this element is anomalous in the area of the known chalcopryrite mineralization in the open cuts. (A 6.1 m. chip sample taken here reported Au-69 ppb, Ag-4.2 ppm, Cu-1,157 ppm; a grab sample with chalcopryrite reported Au-36 ppb, Ag-5.2 ppm, Cu-4,195 ppm).

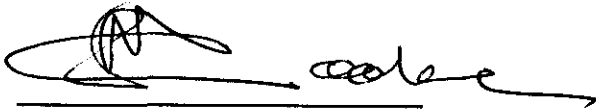
Gold also reported relatively anomalous in three soil samples associated with the three high silver values, and in a number of other soil samples above the threshold of 15 ppb Au. In light of the Abo gold deposit found immediately to the north of this claim group, it would be well to continue to analyze for gold any sulphide material obtained in ongoing exploration.



## Conclusions and Recommendations

The soil survey was not successful in delineating strong targets. Follow-up work should thus emphasize electromagnetic surveying as skarn mineralization may be too deep to provide good soil anomalies. Gold values above threshold should be followed up.

Reported by:  
D.L. Cooke & Associated Ltd.



David L. Cooke, Ph.D., P.Eng.

October 1, 1992



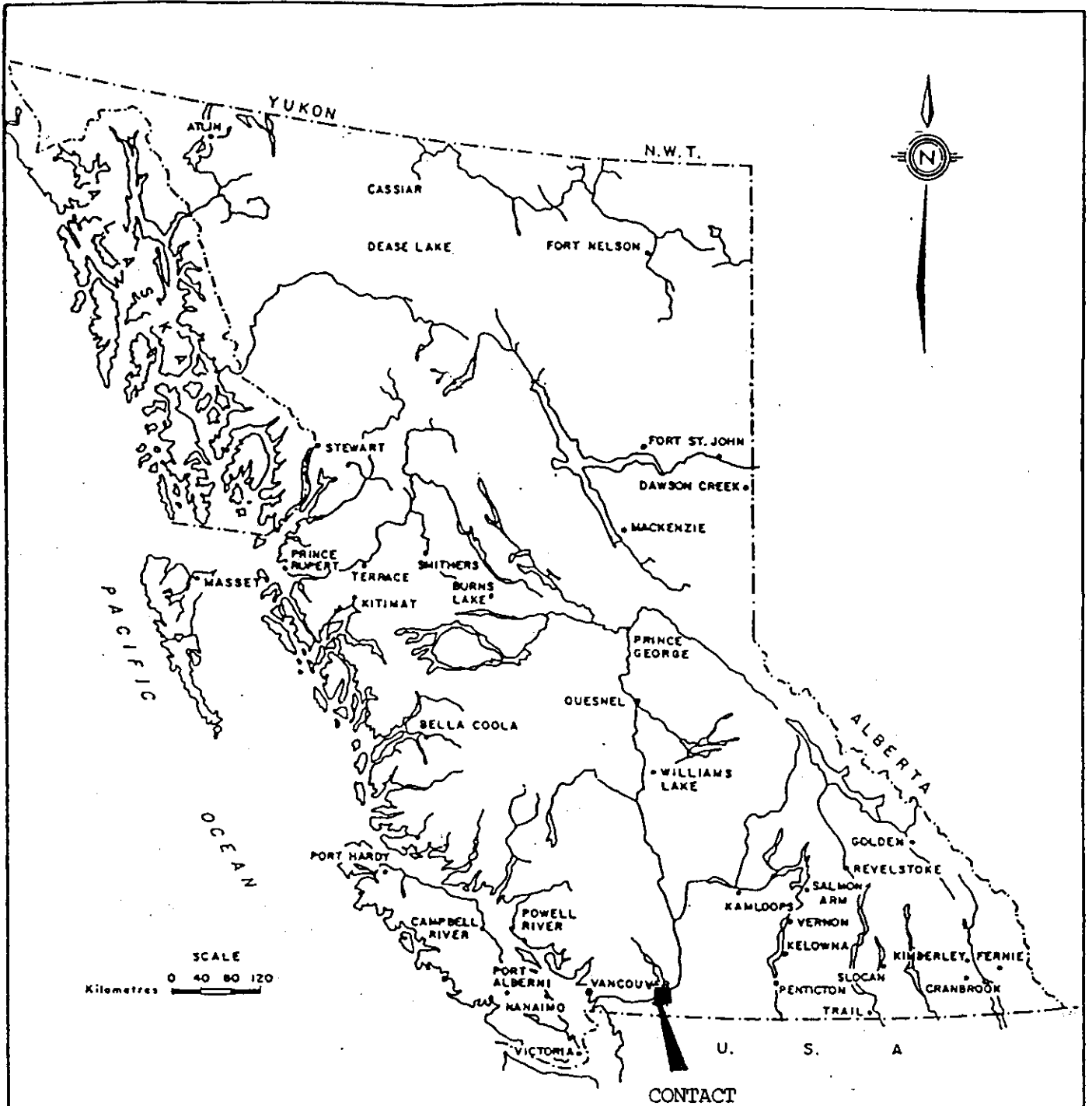
## Statement of Exploration Expenses

### Soil sampling grid layout:

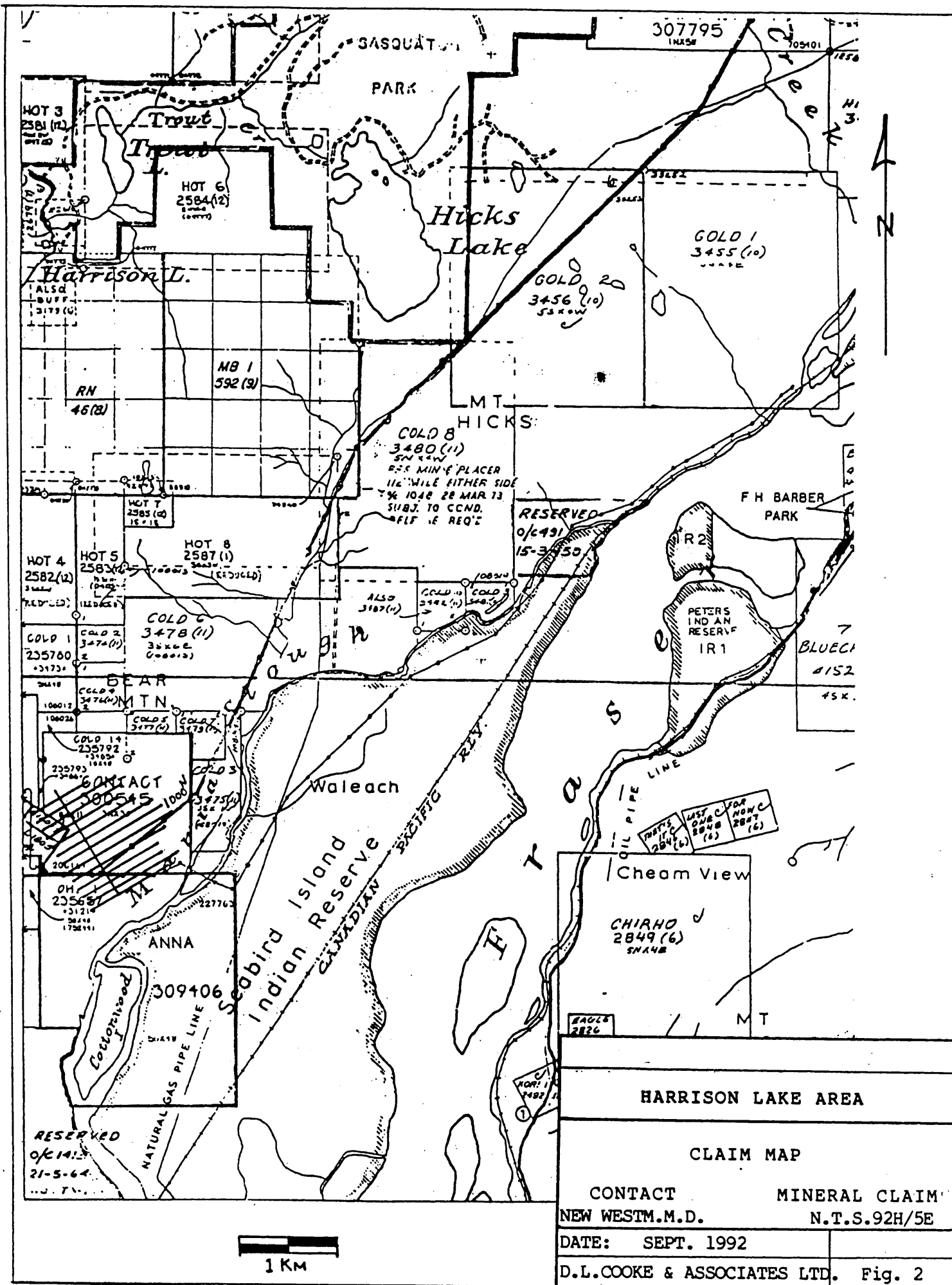
G. Medford	12 July - 16 July, 20 Aug - 27 Aug 92	13 Days @ \$150	\$ 1,950.00
L. Demczuk	12 July - 16 July, 20 Aug - 27 Aug 92	13 Days @ \$150	\$ 1,950.00
Truck and fuel	13 days @ \$125		\$ 1,625.00
Domicile	13 days, 2 Men @ \$50		\$ 1,300.00
Supplies			\$ 200.00
Laboratory charges (Min-En Laboratories)			
401	12 element ICP @ \$4.75		\$ 1,904.75
401	Au (wet) @ \$5.50		\$ 2,205.50
401	Soil preparations @ \$1.25		\$ 501.25
	Report, D.L. Cooke and Associates Ltd.		<u>\$ 500.00</u>
			\$12,136.50

## References

- Annual Report of the Minister of Mines, Province of British Columbia, 1922; Anna Group, p. N253.
- Annual Report of the Minister of Mines, Province of British Columbia, 1931; Empress Group, p. A176.
- Airborne Magnetic Survey, 1972; Map 7687G, Hope, B.C., Department of Energy, Mines and Resources, Ottawa.
- Ray, G.E., 1986, Gold Associated with a Regionally Developed Mid-Tertiary Plutonic Event in the Harrison Lake Area, Southwestern B.C., B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork 1985, Paper 1986-1, pp. 95 - 97.
- Ray G.E., 1985, Geological Summaries of Gold Deposits in the Harrison Lake Area, Southwestern B.C., B.C. Ministry of Mines - Summaries of Activities 1981-1989.



EQUITABLE ENTERPRISES CORP.		
HARRISON LAKE AREA		
LOCATION MAP		
CONTACT AND ANNA MINERAL CLAIMS		
New Westminster M.D.		NTS 92H/5E
D. L. COOKE & ASSOCIATES LTD.	OWN. BY:	DATE: Sept/92
	CHK. BY:	FIGURE 1
	SCALE: AS SHOWN	



THIS IS THE LAST ONE FOR NOW C  
 2849 (6)  
 2848 (6)  
 2847 (6)

Cheam View  
 CHIRHO  
 2849 (6)  
 SN 1448  
 MT

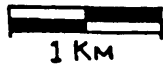
HARRISON LAKE AREA

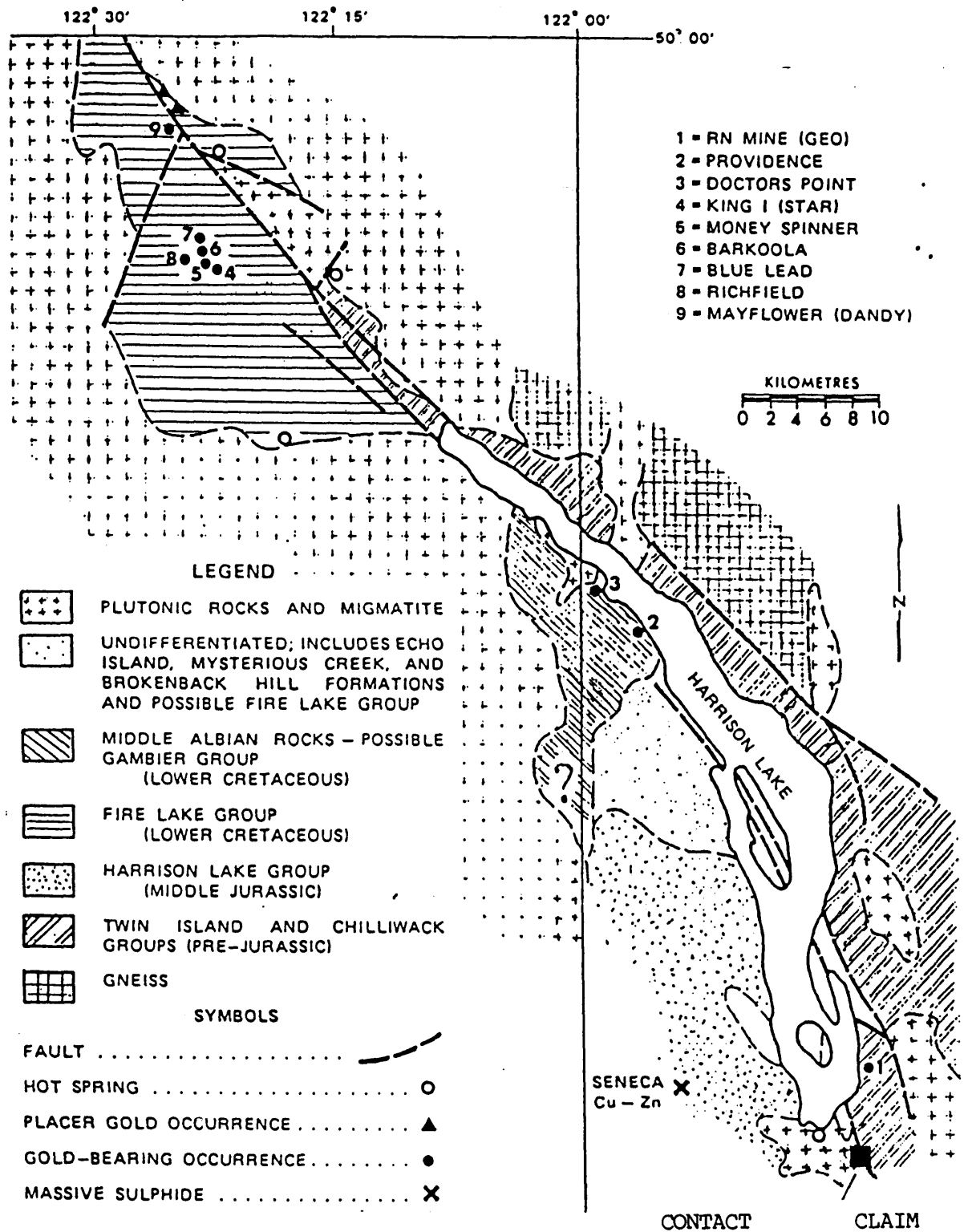
CLAIM MAP

CONTACT MINERAL CLAIM  
 NEW WESTM.M.D. N.T.S.92H/5E

DATE: SEPT. 1992

D.L.COKE & ASSOCIATES LTD. Fig. 2





HARRISON LAKE AREA	
REGIONAL GEOLOGY	
New Westminster M.D.    N.T.S.92H/5E	
Date: Sept. 1992	
D.L. COOKE & ASSOCIATES	Fig. 3

**LEGEND**

$f_{60}$  - Strike and dip, compositional layering

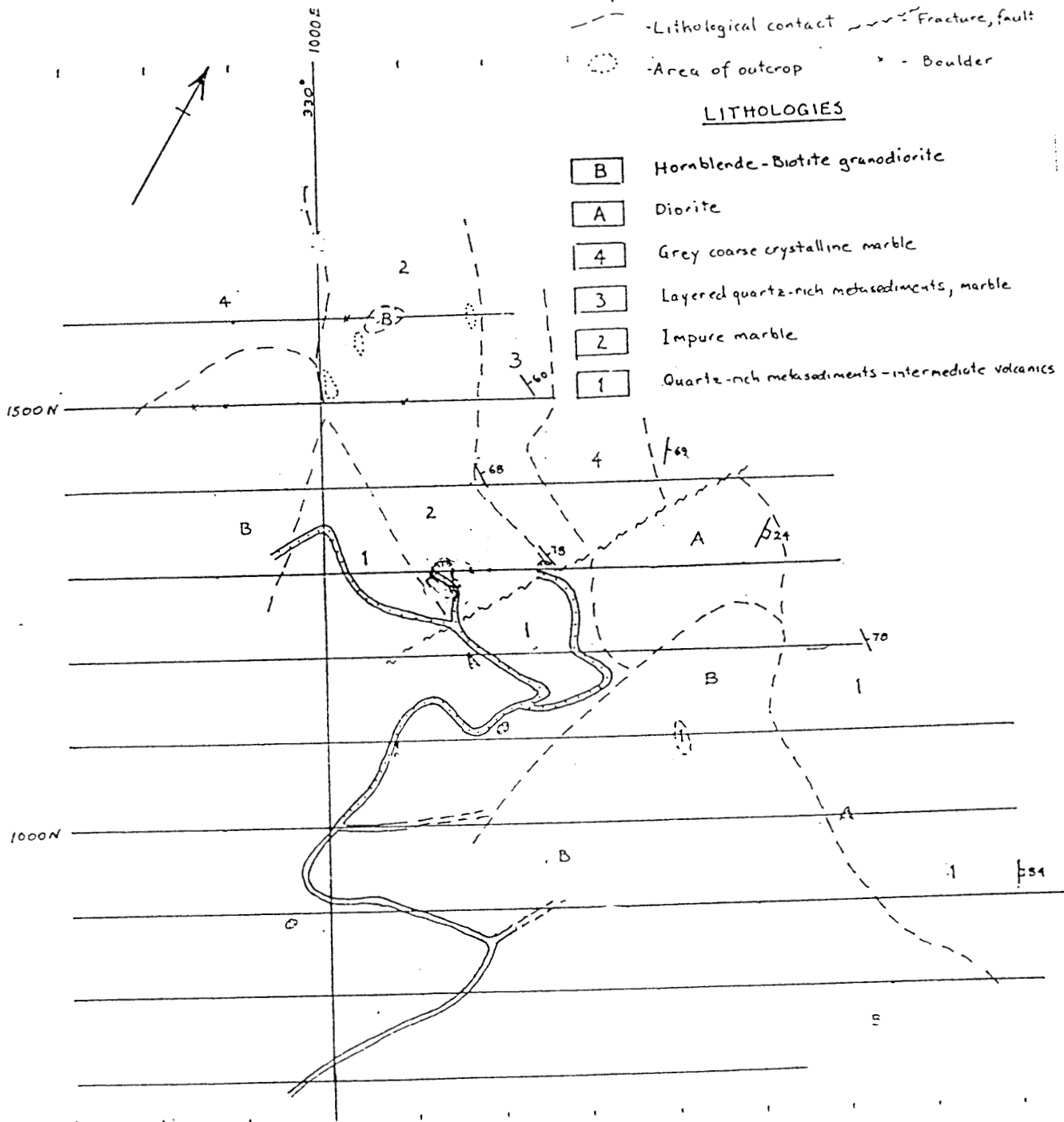
$f_{70}$  - Strike and dip, fracture

- - - Lithological contact      - - - Fracture, fault

○ Area of outcrop      \* - Boulder

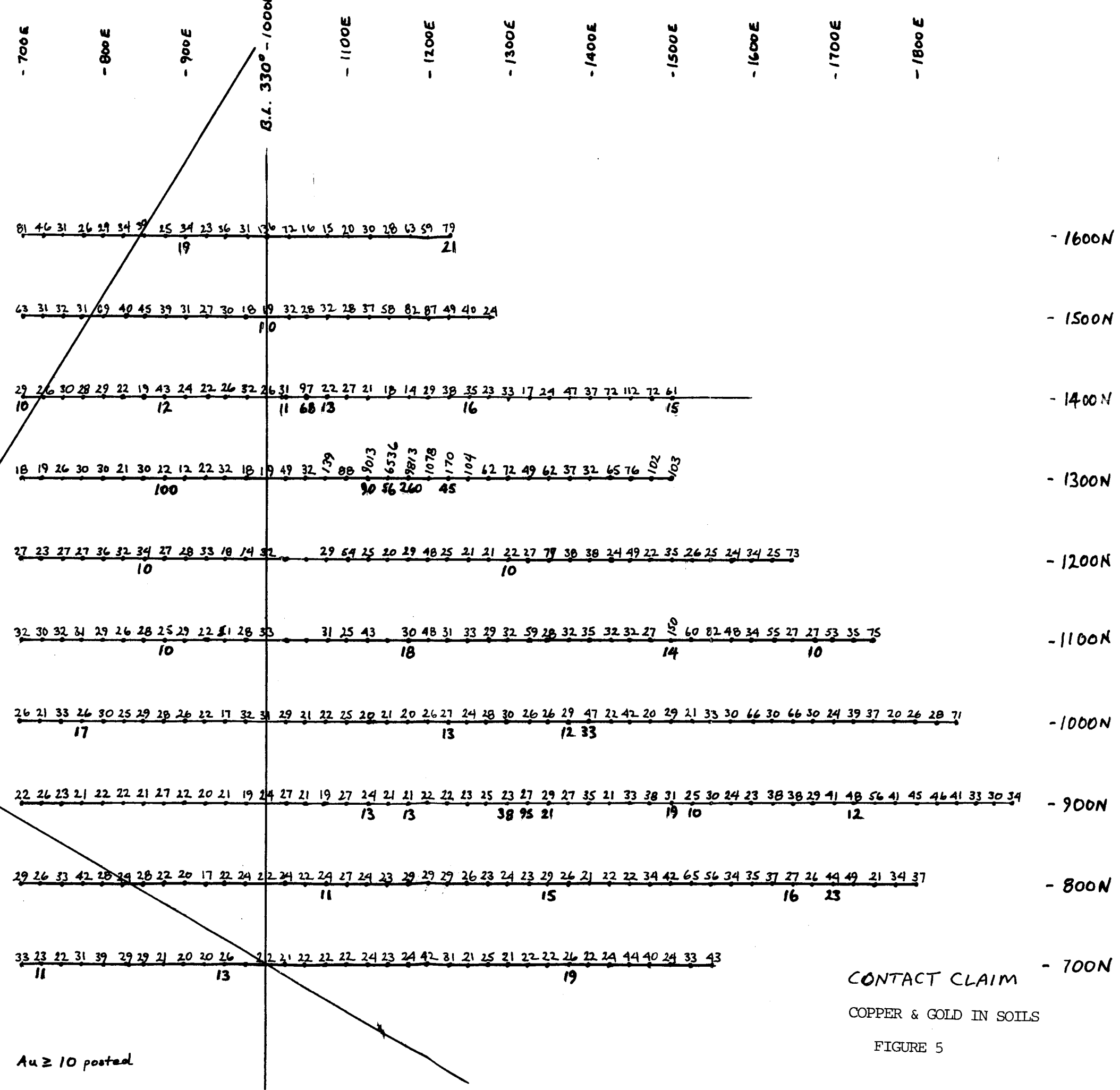
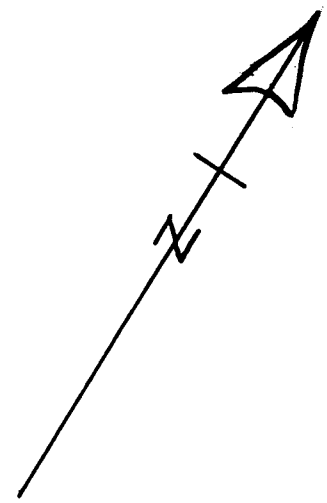
**LITHOLOGIES**

- B Hornblende-Biotite granodiorite
- A Diorite
- 4 Grey coarse crystalline marble
- 3 Layered quartz-rich metasediments, marble
- 2 Impure marble
- 1 Quartz-rich metasediments - intermediate volcanics



== Access road  
 ~~~~~ Overgrown road, impassable

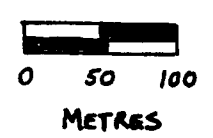
|                                    |              |
|------------------------------------|--------------|
| <b>HARRISON LAKE AREA</b>          |              |
| <b>SIMPLIFIED PROPERTY GEOLOGY</b> |              |
| NEW WESTM. M.D.                    | N.T.S.92H/5E |
| DATE: SEPT. 1992                   |              |
| D.L.COOKE & ASSOCIATES             | Figure 4     |



LCP  
4N4E

121° 44.96' W

49° 16.84' N



130 Cu ppm

10 Au ppm    Au ≥ 10 posted







# Appendix I

COMP: PICKWICK  
 PROJ:  
 ATTN: GARY MEDFORD

## MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

FILE NO: 2V-0904-SJ5+6  
 DATE: 92/09/03  
 \* SOIL \* (ACT:F31)

| SAMPLE NUMBER            | AG PPM | AS PPM | BI PPM | CD PPM | CO PPM | CU PPM | MN PPM | MO PPM | PB PPM | SB PPM | ZN PPM | CR PPM | AU-FIRE PPB |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
| L8+00N 16+00E            | .1     | 1      | 10     | .1     | 16     | 35     | 517    | 1      | 1      | 1      | 76     | 46     | 8           |
| L8+00N 16+25E            | .1     | 1      | 10     | .1     | 16     | 37     | 484    | 1      | 5      | 1      | 67     | 40     | 8           |
| L8+00N 16+50E            | .1     | 1      | 10     | .1     | 14     | 27     | 621    | 1      | 6      | 1      | 67     | 42     | 16          |
| L8+00N 16+75E            | .1     | 1      | 11     | .1     | 15     | 26     | 642    | 1      | 4      | 1      | 68     | 40     | 7           |
| L8+00N 17+00E            | .1     | 1      | 17     | .1     | 21     | 44     | 607    | 1      | 1      | 1      | 72     | 87     | 23          |
| L8+00N 17+25E            | .1     | 1      | 13     | .1     | 16     | 49     | 457    | 1      | 1      | 1      | 70     | 68     | 1           |
| L8+00N 17+25E EXTRA      | .1     | 1      | 11     | .1     | 17     | 32     | 627    | 1      | 3      | 1      | 75     | 44     | 1           |
| L8+00N 17+50E            | .1     | 1      | 11     | .1     | 15     | 31     | 602    | 1      | 1      | 1      | 75     | 42     | 1           |
| L8+00N 17+75E            | .1     | 1      | 12     | .1     | 15     | 34     | 424    | 1      | 1      | 1      | 57     | 49     | 4           |
| L8+00N 18+00E            | .1     | 1      | 11     | .1     | 15     | 37     | 453    | 1      | 4      | 1      | 72     | 45     | 1           |
| L9+00N 7+00E             | .1     | 1      | 7      | .1     | 9      | 22     | 312    | 1      | 5      | 1      | 52     | 39     | 1           |
| L9+00N 7+25E             | .1     | 1      | 11     | .1     | 14     | 26     | 418    | 1      | 2      | 1      | 64     | 46     | 2           |
| L9+00N 7+50E             | .1     | 1      | 12     | .1     | 15     | 23     | 368    | 1      | 2      | 1      | 75     | 46     | 1           |
| L9+00N 7+75E             | .1     | 1      | 10     | .1     | 13     | 21     | 954    | 1      | 10     | 1      | 67     | 40     | 2           |
| L9+00N 8+00E             | .1     | 1      | 10     | .1     | 14     | 22     | 1152   | 1      | 8      | 1      | 84     | 39     | 1           |
| L9+00N 8+25E             | .1     | 1      | 10     | .1     | 14     | 22     | 660    | 1      | 5      | 1      | 89     | 40     | 6           |
| L9+00N 8+50E             | .1     | 1      | 10     | .1     | 13     | 21     | 975    | 1      | 7      | 1      | 87     | 37     | 2           |
| L9+00N 8+75E             | .1     | 1      | 13     | .1     | 16     | 27     | 622    | 1      | 1      | 1      | 72     | 49     | 4           |
| L9+00N 9+00E             | .1     | 1      | 9      | .1     | 13     | 22     | 1039   | 1      | 6      | 1      | 94     | 37     | 6           |
| L9+00N 9+25E             | .1     | 1      | 11     | .1     | 14     | 20     | 1110   | 1      | 5      | 1      | 79     | 37     | 1           |
| L9+00N 9+50E             | .1     | 1      | 10     | .1     | 14     | 21     | 1133   | 1      | 4      | 1      | 78     | 39     | 3           |
| L9+00N 9+75E             | .1     | 1      | 9      | .1     | 13     | 19     | 1097   | 1      | 5      | 1      | 86     | 35     | 2           |
| L9+00N 10+00E            | .1     | 1      | 10     | .1     | 14     | 24     | 1021   | 1      | 1      | 1      | 82     | 41     | 6           |
| L9+00N 10+25E            | .1     | 1      | 12     | .1     | 15     | 27     | 472    | 1      | 4      | 1      | 74     | 42     | 5           |
| L9+00N 10+50E            | .1     | 1      | 7      | .1     | 13     | 21     | 902    | 1      | 7      | 1      | 79     | 38     | 1           |
| L9+00N 10+75E            | .1     | 1      | 8      | .1     | 13     | 19     | 992    | 1      | 8      | 1      | 80     | 39     | 1           |
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| L9+00N 11+25E            | .1     | 1      | 11     | .1     | 15     | 24     | 894    | 1      | 6      | 1      | 89     | 42     | 13          |
| L9+00N 11+50E            | .1     | 1      | 10     | .1     | 14     | 21     | 883    | 1      | 8      | 1      | 87     | 39     | 5           |
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| L9+00N 12+00E            | .1     | 1      | 11     | .1     | 14     | 22     | 1121   | 1      | 8      | 1      | 81     | 39     | 1           |
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| L9+00N 12+75E            | .1     | 1      | 10     | .1     | 15     | 25     | 614    | 1      | 1      | 1      | 66     | 46     | 9           |
| L9+00N 13+00E            | .1     | 1      | 11     | .1     | 15     | 23     | 658    | 1      | 3      | 1      | 59     | 46     | 38          |
| L9+00N 13+25E            | .1     | 1      | 11     | .1     | 15     | 27     | 443    | 1      | 7      | 1      | 78     | 42     | 95          |
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| L9+00N 13+75E            | .1     | 1      | 11     | .1     | 15     | 27     | 651    | 1      | 5      | 1      | 78     | 42     | 3           |
| L9+00N 14+00E            | .1     | 1      | 10     | .1     | 17     | 35     | 1355   | 1      | 14     | 1      | 138    | 31     | 1           |
| L9+00N 14+25E            | .1     | 1      | 10     | .1     | 14     | 21     | 1172   | 1      | 12     | 1      | 137    | 29     | 1           |
| L9+00N 14+50E            | .1     | 1      | 9      | .1     | 15     | 33     | 1267   | 1      | 17     | 1      | 136    | 25     | 3           |
| <del>L9+00N 14+75E</del> | .1     | 1      | 9      | .1     | 14     | 38     | 421    | 1      | 6      | 1      | 112    | 17     | 2           |
| L9+00N 15+00E            | .1     | 1      | 11     | .1     | 13     | 31     | 410    | 1      | 6      | 1      | 73     | 40     | 19          |
| L9+00N 15+25E            | .1     | 1      | 11     | .1     | 14     | 25     | 764    | 1      | 5      | 1      | 96     | 40     | 10          |
| L9+00N 15+50E            | .1     | 1      | 10     | .1     | 13     | 30     | 1854   | 1      | 10     | 1      | 129    | 32     | 8           |
| L9+00N 15+75E            | .1     | 1      | 11     | .1     | 14     | 24     | 509    | 1      | 5      | 1      | 68     | 41     | 7           |
| L9+00N 16+00E            | .1     | 1      | 11     | .1     | 15     | 23     | 658    | 1      | 3      | 1      | 79     | 40     | 5           |
| L9+00N 16+25E            | .1     | 1      | 12     | .1     | 17     | 38     | 515    | 1      | 6      | 1      | 79     | 46     | 2           |

# Appendix I

COMP: PICKWICK  
 PROJ:  
 ATTN: GARY MEDFORD

**MIN-EN LABS — ICP REPORT**  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

FILE NO: 2V-0904-SJ7+8  
 DATE: 92/09/03  
 \* SOIL \* (ACT:F31)

| SAMPLE NUMBER  | AG PPM | AS PPM | BI PPM | CD PPM | CO PPM | CU PPM | MN PPM | MO PPM | PB PPM | SB PPM | ZN PPM | CR PPM | AU-FIRE PPB |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
| L9+00N 16+50E  | .1     | 1      | 10     | .1     | 16     | 38     | 506    | 1      | 2      | 1      | 77     | 42     | 2           |
| L9+00N 16+75E  | .1     | 1      | 9      | .1     | 15     | 29     | 471    | 1      | 4      | 1      | 64     | 40     | 6           |
| L9+00N 17+00E  | .1     | 1      | 9      | .1     | 14     | 41     | 413    | 1      | 1      | 1      | 64     | 28     | 4           |
| L9+00N 17+25E  | .1     | 1      | 10     | .1     | 18     | 48     | 604    | 1      | 2      | 1      | 89     | 37     | 12          |
| L9+00N 17+50E  | .1     | 1      | 10     | .1     | 18     | 56     | 447    | 1      | 4      | 1      | 91     | 34     | 3           |
| L9+00N 17+75E  | .1     | 1      | 7      | .1     | 15     | 41     | 544    | 1      | 1      | 1      | 73     | 30     | 8           |
| L9+00N 18+00E  | .1     | 1      | 10     | .1     | 13     | 45     | 404    | 1      | 4      | 1      | 68     | 27     | 2           |
| L9+00N 18+25E  | .1     | 1      | 9      | .1     | 14     | 46     | 593    | 1      | 5      | 1      | 91     | 27     | 1           |
| L9+00N 18+50E  | .1     | 1      | 9      | .1     | 12     | 41     | 310    | 1      | 1      | 1      | 56     | 23     | 1           |
| L9+00N 18+75E  | .1     | 1      | 10     | .1     | 16     | 33     | 479    | 1      | 4      | 1      | 72     | 44     | 4           |
| L9+00N 19+00E  | .1     | 1      | 11     | .1     | 16     | 30     | 423    | 1      | 5      | 1      | 66     | 46     | 3           |
| L9+00N 19+25E  | .1     | 1      | 11     | .1     | 16     | 34     | 457    | 1      | 5      | 1      | 71     | 43     | 1           |
| L14+00N 7+00E  | .1     | 1      | 10     | .1     | 15     | 29     | 719    | 1      | 5      | 1      | 94     | 39     | 1           |
| L14+00N 7+25E  | .1     | 1      | 11     | .1     | 14     | 26     | 674    | 1      | 3      | 1      | 89     | 35     | 10          |
| L14+00N 7+50E  | .1     | 1      | 12     | .1     | 15     | 30     | 568    | 1      | 5      | 1      | 84     | 36     | 2           |
| L14+00N 7+75E  | .1     | 1      | 12     | .1     | 14     | 28     | 371    | 1      | 4      | 1      | 71     | 34     | 6           |
| L14+00N 8+00E  | .1     | 1      | 11     | .1     | 14     | 29     | 483    | 1      | 4      | 1      | 77     | 33     | 5           |
| L14+00N 8+25E  | .1     | 1      | 9      | .1     | 13     | 22     | 787    | 1      | 18     | 1      | 83     | 29     | 7           |
| L14+00N 8+50E  | .1     | 1      | 10     | .1     | 14     | 19     | 412    | 1      | 2      | 1      | 71     | 32     | 8           |
| L14+00N 8+75E  | .1     | 1      | 11     | .1     | 15     | 43     | 300    | 1      | 4      | 1      | 67     | 36     | 12          |
| L14+00N 9+00E  | .1     | 1      | 11     | .1     | 14     | 24     | 627    | 1      | 6      | 1      | 84     | 36     | 8           |
| L14+00N 9+25E  | .1     | 1      | 11     | .1     | 13     | 22     | 1216   | 1      | 3      | 1      | 102    | 34     | 6           |
| L14+00N 9+50E  | .1     | 1      | 13     | .1     | 15     | 26     | 534    | 1      | 4      | 1      | 76     | 42     | 3           |
| L14+00N 9+75E  | .1     | 1      | 12     | .1     | 16     | 32     | 633    | 1      | 4      | 1      | 91     | 44     | 4           |
| L14+00N 10+25E | .1     | 1      | 6      | .1     | 10     | 31     | 2030   | 1      | 28     | 1      | 279    | 18     | 11          |
| L14+00N 10+50E | .1     | 1      | 11     | .1     | 20     | 97     | 705    | 1      | 34     | 1      | 151    | 33     | 68          |
| L14+00N 10+75E | .1     | 1      | 12     | .1     | 16     | 22     | 715    | 1      | 11     | 1      | 101    | 31     | 13          |
| L14+00N 11+00E | .1     | 1      | 15     | .1     | 16     | 27     | 661    | 1      | 17     | 1      | 96     | 40     | 1           |
| L14+00N 11+25E | .1     | 1      | 16     | .1     | 17     | 21     | 840    | 1      | 15     | 1      | 84     | 34     | 3           |
| L14+00N 11+50E | .1     | 1      | 14     | .1     | 16     | 18     | 619    | 1      | 10     | 1      | 79     | 36     | 1           |
| L14+00N 11+75E | .1     | 1      | 13     | .1     | 15     | 14     | 667    | 1      | 9      | 1      | 80     | 30     | 1           |
| L14+00N 12+00E | .1     | 1      | 10     | .1     | 18     | 29     | 455    | 1      | 5      | 1      | 119    | 25     | 9           |
| L14+00N 12+25E | .1     | 1      | 9      | .1     | 16     | 38     | 576    | 1      | 3      | 1      | 95     | 28     | 1           |
| L14+00N 12+50E | .1     | 1      | 8      | .8     | 10     | 35     | 2278   | 1      | 16     | 1      | 130    | 17     | 16          |
| L14+00N 12+75E | .1     | 1      | 8      | .1     | 10     | 23     | 2445   | 1      | 25     | 1      | 224    | 23     | 9           |
| L14+00N 13+00E | .1     | 1      | 6      | 2.1    | 7      | 33     | 2658   | 1      | 20     | 1      | 188    | 17     | 1           |
| L14+00N 13+00A | .1     | 1      | 5      | .6     | 6      | 24     | 1325   | 1      | 44     | 1      | 192    | 14     | 2           |
| L14+00N 13+25E | .1     | 1      | 6      | .1     | 8      | 17     | 680    | 1      | 25     | 1      | 115    | 18     | 1           |
| L14+00N 13+50E | .1     | 1      | 8      | .1     | 11     | 24     | 961    | 1      | 10     | 1      | 141    | 23     | 1           |
| L14+00N 13+75E | .1     | 1      | 9      | .1     | 17     | 47     | 522    | 1      | 6      | 1      | 171    | 28     | 1           |
| L14+00N 14+00E | .1     | 1      | 10     | .1     | 18     | 37     | 530    | 1      | 8      | 1      | 113    | 23     | 1           |
| L14+00N 14+25E | .1     | 1      | 14     | .1     | 29     | 72     | 524    | 1      | 5      | 1      | 124    | 24     | 2           |
| L14+00N 14+50E | .1     | 1      | 14     | .1     | 30     | 112    | 677    | 1      | 1      | 1      | 121    | 23     | 1           |
| L14+00N 14+75E | .1     | 1      | 14     | .1     | 32     | 72     | 816    | 1      | 2      | 1      | 132    | 23     | 2           |
| L14+00N 15+00E | .1     | 1      | 10     | .1     | 25     | 61     | 1087   | 1      | 41     | 1      | 99     | 14     | 15          |
| L15+00N 7+00E  | .1     | 1      | 10     | .1     | 18     | 63     | 424    | 1      | 38     | 1      | 138    | 31     | 2           |
| L15+00N 7+25E  | .1     | 1      | 10     | .1     | 17     | 31     | 1033   | 1      | 18     | 1      | 156    | 31     | 1           |
| L15+00N 7+50E  | .1     | 1      | 11     | .1     | 16     | 32     | 444    | 1      | 5      | 1      | 119    | 38     | 3           |



# Appendix I

COMP: PICKWICK EXPLORATION  
 PROJ: 2669895  
 ATTN: G. MEDFORD

**MIN-EN LABS — ICP REPORT**  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

FILE NO: 2V-0846-SJ1+2  
 DATE: 92/08/27  
 \* SOIL \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BI PPM | CD PPM | CO PPM | CU PPM | MN PPM | MO PPM | PB PPM | SB PPM | ZN PPM | CR PPM | AU-FIRE PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
| BL 8+25N OE   | .1     | 1      | 8      | .1     | 13     | 22     | 440    | 1      | 2      | 1      | 79     | 40     | 3           |
| BL 8+50N OE   | .1     | 1      | 9      | .1     | 14     | 25     | 568    | 1      | 1      | 1      | 70     | 44     | 1           |
| BL 8+75N OE   | .1     | 1      | 9      | .1     | 14     | 22     | 599    | 1      | 1      | 1      | 65     | 43     | 2           |
| BL 9+00N OE   | .1     | 1      | 8      | .1     | 14     | 22     | 1012   | 1      | 3      | 1      | 79     | 40     | 1           |
| BL 9+25N OE   | .1     | 1      | 9      | .1     | 14     | 21     | 918    | 1      | 1      | 1      | 76     | 40     | 2           |
| BL 9+50N OE   | .1     | 1      | 10     | .1     | 13     | 20     | 1004   | 1      | 4      | 1      | 75     | 39     | 1           |
| BL 9+75N OE   | .1     | 1      | 10     | .1     | 14     | 26     | 593    | 1      | 1      | 1      | 87     | 37     | 4           |
| BL 10+25N OE  | .1     | 1      | 7      | .1     | 13     | 19     | 1679   | 1      | 2      | 1      | 96     | 33     | 2           |
| BL 10+50N OE  | .1     | 1      | 9      | .1     | 14     | 35     | 517    | 1      | 1      | 1      | 94     | 34     | 2           |
| BL 10+75N OE  | .1     | 1      | 9      | .1     | 13     | 20     | 949    | 1      | 1      | 1      | 107    | 31     | 3           |
| BL 11+00N OE  | .1     | 1      | 12     | .1     | 16     | 33     | 599    | 1      | 1      | 1      | 120    | 36     | 1           |
| BL 11+25N OE  | .1     | 1      | 9      | .1     | 13     | 35     | 1247   | 1      | 1      | 1      | 113    | 35     | 1           |
| BL 11+50N OE  | .1     | 1      | 10     | .1     | 13     | 28     | 1638   | 1      | 4      | 1      | 98     | 34     | 1           |
| BL 11+75N OE  | .1     | 1      | 10     | .1     | 14     | 32     | 1285   | 1      | 1      | 1      | 117    | 35     | 1           |
| BL 12+00N OE  | .1     | 1      | 9      | .1     | 13     | 32     | 1241   | 1      | 8      | 1      | 112    | 29     | 2           |
| BL 12+25N OE  | .1     | 1      | 10     | .1     | 13     | 38     | 954    | 1      | 1      | 1      | 122    | 32     | 4           |
| BL 12+50N OE  | .1     | 1      | 9      | .1     | 12     | 22     | 725    | 1      | 4      | 1      | 133    | 29     | 4           |
| BL 12+75N OE  | .1     | 1      | 9      | .1     | 13     | 24     | 1112   | 1      | 1      | 1      | 150    | 28     | 2           |
| BL 13+00N OE  | .1     | 1      | 8      | .1     | 11     | 19     | 1698   | 1      | 11     | 1      | 115    | 24     | 1           |
| BL 13+25N OE  | .1     | 1      | 9      | .1     | 15     | 40     | 1162   | 1      | 1      | 1      | 173    | 26     | 3           |
| BL 13+50N OE  | .1     | 1      | 11     | .1     | 16     | 52     | 457    | 1      | 4      | 1      | 117    | 35     | 1           |
| BL 13+75N OE  | .1     | 1      | 9      | .1     | 14     | 41     | 935    | 1      | 3      | 1      | 143    | 30     | 4           |
| BL 14+00N OE  | .1     | 1      | 9      | .1     | 15     | 26     | 926    | 1      | 1      | 1      | 144    | 27     | 1           |
| BL 14+25N OE  | .1     | 1      | 10     | .1     | 15     | 29     | 678    | 1      | 1      | 1      | 99     | 38     | 7           |
| BL 14+50N OE  | .1     | 1      | 10     | .1     | 14     | 23     | 673    | 1      | 3      | 1      | 88     | 33     | 4           |
| BL 14+75N OE  | .1     | 1      | 9      | .1     | 13     | 19     | 980    | 1      | 1      | 1      | 86     | 35     | 3           |
| BL 15+00N OE  | .1     | 1      | 7      | .1     | 12     | 19     | 1047   | 1      | 6      | 1      | 118    | 28     | 10          |
| BL 15+25N OE  | .1     | 1      | 8      | .1     | 11     | 60     | 856    | 1      | 12     | 1      | 151    | 28     | 2           |
| BL 15+50N OE  | .1     | 1      | 8      | .1     | 14     | 230    | 2096   | 1      | 6      | 1      | 479    | 22     | 7           |
| BL 15+75N OE  | .1     | 1      | 7      | .1     | 10     | 35     | 415    | 1      | 2      | 1      | 111    | 21     | 4           |
| BL 16+00N OE  | .1     | 1      | 5      | .1     | 7      | 136    | 2070   | 1      | 27     | 1      | 57     | 9      | 3           |
| L1000N 7+00E  | .1     | 1      | 8      | .1     | 14     | 26     | 726    | 1      | 1      | 1      | 77     | 41     | 7           |
| L1000N 7+25E  | .1     | 1      | 9      | .1     | 13     | 21     | 1193   | 1      | 2      | 1      | 71     | 37     | 2           |
| L1000N 7+50E  | .1     | 1      | 11     | .1     | 15     | 33     | 484    | 1      | 1      | 1      | 71     | 44     | 2           |
| L1000N 7+75E  | .1     | 1      | 12     | .1     | 14     | 26     | 586    | 1      | 1      | 1      | 68     | 45     | 2           |
| L1000N 8+00E  | .1     | 1      | 11     | .1     | 15     | 30     | 837    | 1      | 1      | 1      | 76     | 45     | 6           |
| L1000N 8+25E  | .1     | 1      | 10     | .1     | 15     | 25     | 779    | 1      | 1      | 1      | 75     | 45     | 6           |
| L1000N 8+50E  | .1     | 1      | 10     | .1     | 15     | 29     | 712    | 1      | 1      | 1      | 90     | 43     | 3           |
| L1000N 8+75E  | .1     | 1      | 11     | .1     | 15     | 28     | 389    | 1      | 1      | 1      | 78     | 45     | 17          |
| L1000N 9+00E  | .1     | 1      | 10     | .1     | 14     | 26     | 624    | 1      | 1      | 1      | 76     | 41     | 4           |
| L1000N 9+25E  | .1     | 1      | 10     | .1     | 14     | 22     | 926    | 1      | 2      | 1      | 91     | 38     | 3           |
| L1000N 9+50E  | .1     | 1      | 9      | .1     | 12     | 17     | 943    | 1      | 2      | 1      | 96     | 32     | 2           |
| L1000N 9+75E  | .1     | 1      | 10     | .1     | 14     | 32     | 548    | 1      | 1      | 1      | 93     | 36     | 1           |
| L1000N 10+00E | .1     | 1      | 9      | .1     | 14     | 31     | 631    | 1      | 1      | 1      | 91     | 35     | 5           |
| L1000N 10+25E | .1     | 1      | 10     | .1     | 15     | 29     | 626    | 1      | 1      | 1      | 72     | 44     | 1           |
| L1000N 10+50E | .1     | 1      | 10     | .1     | 14     | 21     | 898    | 1      | 1      | 1      | 79     | 41     | 1           |
| L1000N 10+75E | .1     | 1      | 11     | .1     | 15     | 22     | 879    | 1      | 1      | 1      | 85     | 41     | 3           |
| L1000N 11+00E | .1     | 1      | 11     | .1     | 14     | 25     | 1141   | 1      | 7      | 1      | 95     | 38     | 5           |
| L1000N 11+25E | .1     | 1      | 9      | .1     | 14     | 20     | 876    | 1      | 1      | 1      | 72     | 38     | 5           |
| L1000N 11+50E | .1     | 1      | 9      | .1     | 13     | 21     | 835    | 1      | 1      | 1      | 89     | 38     | 3           |
| L1000N 11+75E | .1     | 1      | 9      | .1     | 13     | 20     | 779    | 1      | 1      | 1      | 80     | 35     | 6           |
| L1000N 12+00E | .1     | 1      | 10     | .1     | 15     | 26     | 1042   | 1      | 1      | 1      | 89     | 43     | 4           |
| L1000N 12+25E | .1     | 1      | 10     | .1     | 15     | 27     | 751    | 1      | 1      | 1      | 84     | 43     | 13          |
| L1000N 12+50E | .1     | 1      | 9      | .1     | 14     | 24     | 1054   | 1      | 1      | 1      | 78     | 39     | 6           |
| L1000N 12+75E | .1     | 1      | 10     | .1     | 15     | 28     | 731    | 1      | 1      | 1      | 74     | 41     | 3           |
| L1000N 13+00E | .1     | 1      | 9      | .1     | 14     | 30     | 894    | 1      | 1      | 1      | 76     | 32     | 4           |
| L1000N 13+25E | .1     | 1      | 9      | .1     | 14     | 26     | 930    | 1      | 1      | 1      | 78     | 38     | 3           |
| L1000N 13+50E | .1     | 1      | 10     | .1     | 15     | 26     | 411    | 1      | 1      | 1      | 72     | 46     | 4           |
| L1000N 13+75E | .1     | 1      | 9      | .1     | 14     | 29     | 546    | 1      | 1      | 1      | 65     | 41     | 12          |
| L1000N 14+00E | .1     | 1      | 8      | .1     | 13     | 47     | 294    | 1      | 1      | 1      | 99     | 30     | 33          |

# Appendix I

COMP: PICKWICK EXPLORATION  
 PROJ: 2669895  
 ATTN: G. MEDFORD

MIN-EN LABS — ICP REPORT  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

FILE NO: 2V-0846-SJ3+4  
 DATE: 92/08/27  
 \* SOIL \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BI PPM | CD PPM | CO PPM | CU PPM | MN PPM | MO PPM | PB PPM | SB PPM | ZN PPM | CR PPM | AU-FIRE PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
| L1000N 14+25E | .1     | 1      | 6      | .1     | 13     | 22     | 995    | 1      | 1      | 1      | 82     | 31     | 3           |
| L1000N 14+50E | .1     | 1      | 9      | .1     | 18     | 42     | 772    | 1      | 1      | 1      | 123    | 38     | 1           |
| L1000N 14+75E | .1     | 1      | 8      | .1     | 13     | 20     | 452    | 1      | 1      | 1      | 71     | 38     | 5           |
| L1000N 15+00E | .1     | 1      | 11     | .1     | 16     | 29     | 517    | 1      | 1      | 1      | 73     | 47     | 1           |
| L1000N 15+25E | .1     | 1      | 10     | .1     | 15     | 21     | 961    | 1      | 1      | 1      | 71     | 41     | 1           |
| L1000N 15+50E | .1     | 1      | 12     | .1     | 18     | 33     | 488    | 1      | 1      | 1      | 73     | 53     | 2           |
| L1000N 15+75E | .1     | 1      | 9      | .1     | 15     | 30     | 380    | 1      | 1      | 1      | 69     | 45     | 6           |
| L1000N 16+00E | .1     | 1      | 11     | .1     | 20     | 66     | 542    | 1      | 1      | 1      | 100    | 60     | 7           |
| L1000N 16+25E | .1     | 1      | 10     | .1     | 15     | 30     | 699    | 1      | 1      | 1      | 75     | 44     | 4           |
| L1000N 16+50E | .1     | 1      | 9      | .1     | 14     | 24     | 458    | 1      | 1      | 1      | 72     | 40     | 5           |
| L1000N 16+75E | .1     | 1      | 10     | .1     | 16     | 39     | 455    | 1      | 1      | 1      | 89     | 38     | 8           |
| L1000N 17+00E | .1     | 1      | 11     | .1     | 16     | 37     | 543    | 1      | 1      | 1      | 81     | 41     | 2           |
| L1000N 17+25E | .1     | 1      | 9      | .1     | 13     | 20     | 391    | 1      | 1      | 1      | 47     | 35     | 7           |
| L1000N 17+50E | .1     | 1      | 9      | .1     | 13     | 26     | 1413   | 1      | 9      | 1      | 83     | 27     | 6           |
| L1000N 17+75E | .1     | 1      | 11     | .1     | 16     | 28     | 528    | 1      | 1      | 1      | 76     | 43     | 7           |
| L1000N 18+00E | .1     | 1      | 12     | .1     | 22     | 71     | 1103   | 1      | 1      | 1      | 131    | 24     | 5           |
| L1100N 7+00E  | .1     | 1      | 10     | .1     | 16     | 32     | 606    | 1      | 1      | 1      | 81     | 44     | 3           |
| L1100N 7+25E  | .1     | 1      | 10     | .1     | 14     | 30     | 866    | 1      | 1      | 1      | 82     | 38     | 2           |
| L1100N 7+50E  | .1     | 1      | 10     | .1     | 15     | 32     | 493    | 1      | 1      | 1      | 78     | 45     | 8           |
| L1100N 7+75E  | .1     | 1      | 12     | .1     | 15     | 31     | 584    | 1      | 1      | 1      | 87     | 43     | 6           |
| L1100N 8+00E  | .1     | 1      | 5      | .1     | 8      | 29     | 1135   | 18     | 17     | 1      | 48     | 45     | 1           |
| L1100N 8+25E  | .1     | 1      | 10     | .1     | 14     | 26     | 548    | 2      | 1      | 1      | 64     | 41     | 4           |
| L1100N 8+50E  | .1     | 1      | 10     | .1     | 14     | 28     | 864    | 1      | 1      | 1      | 98     | 38     | 7           |
| L1100N 8+75E  | .1     | 1      | 11     | .1     | 14     | 25     | 563    | 2      | 1      | 1      | 81     | 43     | 10          |
| L1100N 9+00E  | .1     | 1      | 10     | .1     | 15     | 29     | 626    | 1      | 1      | 1      | 84     | 45     | 6           |
| L1100N 9+25E  | .1     | 1      | 10     | .1     | 14     | 22     | 2073   | 1      | 2      | 1      | 128    | 36     | 5           |
| L1100N 9+50E  | .1     | 1      | 11     | .1     | 15     | 51     | 660    | 1      | 1      | 1      | 107    | 36     | 8           |
| L1100N 9+75E  | .1     | 1      | 9      | .1     | 13     | 28     | 1175   | 1      | 4      | 1      | 98     | 29     | 9           |
| L1100N 10+75E | .1     | 1      | 10     | .1     | 15     | 31     | 1159   | 1      | 1      | 1      | 116    | 33     | 18          |
| L1100N 11+00E | .1     | 1      | 8      | .1     | 14     | 25     | 313    | 1      | 1      | 1      | 117    | 32     | 4           |
| L1100N 11+25E | .1     | 1      | 10     | .1     | 15     | 43     | 2390   | 1      | 5      | 1      | 115    | 30     | 5           |
| L1100N 11+75E | .1     | 1      | 9      | .1     | 15     | 30     | 613    | 1      | 1      | 1      | 97     | 41     | 3           |
| L1100N 12+00E | .1     | 1      | 11     | .1     | 17     | 48     | 663    | 1      | 1      | 1      | 107    | 36     | 6           |
| L1100N 12+25E | .1     | 1      | 10     | .1     | 16     | 31     | 899    | 1      | 1      | 1      | 97     | 44     | 8           |
| L1100N 12+50E | .1     | 1      | 11     | .1     | 16     | 33     | 1539   | 1      | 1      | 1      | 107    | 44     | 4           |
| L1100N 12+75E | .1     | 1      | 11     | .1     | 16     | 29     | 1211   | 1      | 1      | 1      | 96     | 45     | 1           |
| L1100N 13+00E | .1     | 1      | 11     | .1     | 15     | 32     | 2528   | 1      | 2      | 1      | 156    | 38     | 2           |
| L1100N 13+25E | .1     | 1      | 11     | .1     | 21     | 59     | 1005   | 1      | 1      | 1      | 104    | 30     | 2           |
| L1100N 13+50E | .1     | 1      | 9      | .1     | 15     | 28     | 1030   | 1      | 1      | 1      | 119    | 32     | 1           |
| L1100N 13+75E | .1     | 1      | 10     | .1     | 15     | 32     | 460    | 1      | 1      | 1      | 71     | 44     | 3           |
| L1100N 14+00E | .1     | 1      | 11     | .1     | 17     | 35     | 585    | 1      | 1      | 1      | 78     | 47     | 2           |
| L1100N 14+25E | .1     | 1      | 11     | .1     | 16     | 32     | 619    | 1      | 1      | 1      | 78     | 47     | 3           |
| L1100N 14+50E | .1     | 1      | 10     | .1     | 15     | 32     | 546    | 1      | 1      | 1      | 82     | 35     | 3           |
| L1100N 14+75E | .1     | 1      | 10     | .1     | 16     | 27     | 469    | 1      | 1      | 1      | 77     | 41     | 5           |
| L1100N 15+00E | .1     | 1      | 10     | .1     | 20     | 150    | 432    | 1      | 5      | 1      | 118    | 31     | 14          |
| L1100N 15+25E | .1     | 1      | 9      | .1     | 18     | 60     | 424    | 1      | 1      | 1      | 112    | 31     | 6           |
| L1100N 15+50E | .1     | 1      | 7      | .1     | 16     | 82     | 388    | 1      | 1      | 1      | 85     | 29     | 4           |
| L1100N 15+75E | .1     | 1      | 7      | .1     | 22     | 48     | 946    | 1      | 1      | 1      | 101    | 25     | 9           |
| L1100N 16+00E | .1     | 1      | 11     | .1     | 17     | 34     | 488    | 1      | 1      | 1      | 73     | 49     | 2           |
| L1100N 16+25E | .1     | 1      | 7      | .1     | 19     | 55     | 1064   | 1      | 1      | 1      | 123    | 26     | 4           |
| L1100N 16+50E | .1     | 1      | 9      | .1     | 16     | 27     | 1453   | 1      | 1      | 1      | 116    | 36     | 1           |
| L1100N 16+75E | .1     | 1      | 12     | .1     | 16     | 27     | 383    | 1      | 1      | 1      | 78     | 43     | 10          |
| L1100N 17+00E | .1     | 1      | 8      | .1     | 20     | 53     | 848    | 1      | 1      | 1      | 152    | 30     | 3           |
| L1100N 17+25E | .1     | 1      | 10     | .1     | 16     | 35     | 598    | 1      | 1      | 1      | 156    | 33     | 3           |
| L1100N 18+00E | .1     | 1      | 12     | .1     | 28     | 75     | 635    | 1      | 1      | 1      | 145    | 29     | 1           |
| L1200N 7+00E  | .1     | 1      | 10     | .1     | 15     | 27     | 828    | 1      | 1      | 1      | 96     | 42     | 8           |
| L1200N 7+25E  | .1     | 1      | 10     | .1     | 14     | 23     | 310    | 1      | 1      | 1      | 66     | 45     | 2           |
| L1200N 7+50E  | .1     | 1      | 9      | .1     | 14     | 27     | 989    | 1      | 1      | 1      | 67     | 34     | 3           |
| L1200N 7+75E  | .1     | 1      | 9      | .1     | 15     | 27     | 540    | 1      | 1      | 1      | 68     | 46     | 2           |
| L1200N 8+00E  | .1     | 1      | 10     | .1     | 15     | 36     | 462    | 1      | 1      | 1      | 60     | 46     | 3           |

# Appendix I

COMP: PICKWICK EXPLORATION  
 PROJ: 2669895  
 ATTN: G. MEDFORD

**MIN-EN LABS — ICP REPORT**  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

FILE NO: 2V-0846-SJ5+6  
 DATE: 92/08/28  
 \* SOIL \* (ACT:F31)

| SAMPLE NUMBER   | AG PPM | AS PPM | BI PPM | CD PPM | CO PPM | CU PPM | MN PPM | MO PPM | PB PPM | SB PPM | ZN PPM | CR PPM | AU-FIRE PPB |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
| L1200N 8+25E    | .1     | 1      | 11     | .1     | 14     | 32     | 561    | 1      | 3      | 1      | 66     | 39     | 4           |
| L1200N 8+50E    | .1     | 1      | 13     | .1     | 15     | 34     | 592    | 1      | 2      | 1      | 75     | 44     | 10          |
| L1200N 8+75E    | .1     | 1      | 13     | .1     | 14     | 27     | 962    | 1      | 7      | 1      | 79     | 44     | 1           |
| L1200N 9+00E    | .1     | 1      | 12     | .1     | 15     | 28     | 602    | 1      | 2      | 1      | 70     | 42     | 2           |
| L1200N 9+25E    | .1     | 1      | 9      | .1     | 13     | 33     | 365    | 1      | 1      | 1      | 79     | 40     | 2           |
| L1200N 9+50E    | .1     | 1      | 9      | .1     | 10     | 18     | 992    | 1      | 16     | 1      | 157    | 25     | 1           |
| L1200N 9+75E    | .1     | 1      | 9      | .1     | 9      | 14     | 1326   | 1      | 12     | 1      | 65     | 26     | 3           |
| L1200N 10+75E   | .1     | 1      | 10     | .1     | 14     | 29     | 765    | 1      | 3      | 1      | 76     | 35     | 2           |
| L1200N 11+00E   | .1     | 1      | 10     | .1     | 12     | 54     | 1530   | 1      | 11     | 1      | 97     | 30     | 1           |
| L1200N 11+25E A | .1     | 1      | 9      | .1     | 12     | 30     | 1078   | 1      | 10     | 1      | 111    | 24     | 5           |
| L1200N 11+25E B | .1     | 1      | 9      | .1     | 11     | 17     | 2061   | 1      | 16     | 1      | 108    | 30     | 2           |
| L1200N 11+50E   | .1     | 1      | 10     | .1     | 13     | 20     | 1254   | 1      | 6      | 1      | 84     | 34     | 1           |
| L1200N 11+75E   | .1     | 1      | 10     | .1     | 14     | 29     | 982    | 1      | 1      | 1      | 88     | 37     | 2           |
| L1200N 12+00E   | .1     | 1      | 9      | .1     | 13     | 49     | 428    | 1      | 5      | 1      | 71     | 30     | 6           |
| L1200N 12+25E   | .1     | 1      | 10     | .1     | 14     | 25     | 1292   | 1      | 2      | 1      | 82     | 37     | 5           |
| L1200N 12+50E   | .1     | 1      | 10     | .1     | 13     | 21     | 840    | 1      | 4      | 1      | 98     | 35     | 5           |
| L1200N 12+75E   | .1     | 1      | 11     | .1     | 14     | 21     | 554    | 1      | 3      | 1      | 89     | 38     | 3           |
| L1200N 13+00E   | .1     | 1      | 13     | .1     | 15     | 22     | 645    | 1      | 1      | 1      | 77     | 42     | 10          |
| L1200N 13+25E   | .1     | 1      | 12     | .1     | 16     | 27     | 1005   | 1      | 1      | 1      | 91     | 36     | 1           |
| L1200N 13+50E   | .1     | 1      | 12     | .1     | 26     | 77     | 1161   | 1      | 1      | 1      | 123    | 27     | 4           |
| L1200N 13+75E   | .5     | 1      | 5      | 2.0    | 8      | 38     | 961    | 1      | 61     | 1      | 294    | 9      | .1          |
| L1200N 14+00E   | .1     | 1      | 11     | .1     | 16     | 38     | 946    | 1      | 8      | 1      | 74     | 30     | 3           |
| L1200N 14+25E   | .1     | 1      | 11     | .1     | 14     | 24     | 669    | 1      | 3      | 1      | 63     | 30     | 6           |
| L1200N 14+50E   | .1     | 1      | 12     | .1     | 20     | 49     | 349    | 1      | 1      | 1      | 73     | 39     | 5           |
| L1200N 14+75E   | .1     | 1      | 10     | .1     | 13     | 22     | 255    | 1      | 1      | 1      | 61     | 34     | 5           |
| L1200N 15+00E   | .1     | 1      | 13     | .1     | 19     | 35     | 587    | 1      | 1      | 1      | 78     | 38     | 3           |
| L1200N 15+25E   | .1     | 1      | 10     | .1     | 17     | 26     | 716    | 1      | 1      | 1      | 83     | 36     | 9           |
| L1200N 15+50E   | .1     | 1      | 11     | .1     | 15     | 25     | 507    | 1      | 3      | 1      | 84     | 37     | 6           |
| L1200N 15+75E   | .1     | 1      | 12     | .1     | 16     | 24     | 592    | 1      | 1      | 1      | 79     | 37     | 3           |
| L1200N 16+00E   | .1     | 1      | 10     | .1     | 18     | 34     | 786    | 1      | 1      | 1      | 115    | 35     | 5           |
| L1200N 16+25E   | .1     | 1      | 7      | .1     | 16     | 25     | 382    | 1      | 1      | 1      | 82     | 31     | 6           |
| L1200N 16+50E   | .1     | 1      | 5      | .1     | 15     | 73     | 305    | 1      | 1      | 1      | 84     | 21     | 5           |
| L1300N 7+00E    | .1     | 1      | 7      | .1     | 13     | 18     | 738    | 1      | 1      | 1      | 84     | 34     | 1           |
| L1300N 7+25E    | .1     | 1      | 10     | .1     | 14     | 19     | 1209   | 1      | 1      | 1      | 105    | 39     | 3           |
| L1300N 7+50E    | .1     | 1      | 8      | .1     | 14     | 26     | 602    | 1      | 1      | 1      | 86     | 40     | 1           |
| L1300N 7+75E    | .1     | 1      | 10     | .1     | 15     | 30     | 452    | 1      | 1      | 1      | 76     | 39     | 2           |
| L1300N 8+00E    | .1     | 1      | 9      | .1     | 15     | 30     | 620    | 1      | 1      | 1      | 71     | 38     | 1           |
| L1300N 8+25E    | .1     | 1      | 8      | .1     | 14     | 21     | 539    | 1      | 1      | 1      | 73     | 39     | 3           |
| L1300N 8+50E    | .1     | 1      | 8      | .1     | 15     | 30     | 454    | 1      | 1      | 1      | 75     | 40     | 5           |
| L1300N 8+75E    | .1     | 1      | 7      | .1     | 13     | 22     | 611    | 1      | 1      | 1      | 76     | 36     | 100         |
| L1300N 9+00E    | .1     | 1      | 9      | .1     | 12     | 12     | 901    | 1      | 6      | 1      | 72     | 33     | 1           |
| L1300N 9+25E    | .1     | 1      | 9      | .1     | 15     | 22     | 1128   | 1      | 1      | 1      | 131    | 32     | 1           |
| L1300N 9+50E    | .1     | 1      | 10     | .1     | 15     | 32     | 908    | 1      | 1      | 1      | 129    | 33     | 2           |
| L1300N 9+75E    | .1     | 1      | 9      | .1     | 12     | 18     | 1274   | 1      | 1      | 1      | 134    | 32     | 3           |
| L1300N 10+25E   | .1     | 1      | 9      | .1     | 15     | 49     | 480    | 1      | 1      | 1      | 92     | 38     | 2           |
| L1300N 10+50E   | .1     | 1      | 8      | .1     | 14     | 32     | 762    | 1      | 2      | 1      | 93     | 35     | 5           |
| L1300N 10+75E   | .1     | 1      | 9      | .1     | 15     | 139    | 545    | 7      | 6      | 1      | 111    | 34     | 1           |
| L1300N 11+00E   | .1     | 1      | 9      | .1     | 15     | 88     | 1737   | 4      | 64     | 1      | 169    | 26     | 1           |
| L1300N 11+25E   | 11.3   | 1      | 1      | .1     | 39     | 9013   | 1709   | 1      | 35     | 1      | 414    | 22     | 90          |
| L1300N 11+50E   | 8.9    | 1      | 1      | .1     | 20     | 6536   | 802    | 1      | 102    | 1      | 269    | 20     | 56          |
| L1300N 11+75E   | 22.0   | 1      | 1      | .1     | 25     | 9813   | 774    | 1      | 95     | 1      | 394    | 22     | 260         |
| L1300N 12+00E   | .1     | 1      | 6      | .1     | 14     | 1078   | 1363   | 1      | 13     | 1      | 130    | 29     | 2           |
| L1300N 12+25E   | .1     | 1      | 6      | .1     | 10     | 170    | 1864   | 1      | 11     | 1      | 119    | 24     | 1           |
| L1300N 12+50E   | .1     | 1      | 9      | .1     | 14     | 104    | 637    | 1      | 2      | 1      | 98     | 34     | 45          |
| L1300N 12+75E   | .1     | 1      | 8      | .1     | 19     | 62     | 2202   | 1      | 9      | 1      | 228    | 23     | 1           |
| L1300N 13+00E   | .2     | 1      | 9      | .1     | 15     | 72     | 835    | 1      | 6      | 1      | 137    | 21     | 2           |
| L1300N 13+25E   | .1     | 1      | 6      | .1     | 19     | 49     | 717    | 1      | 1      | 1      | 168    | 23     | 2           |
| L1300N 13+50E   | .1     | 1      | 9      | .1     | 19     | 62     | 702    | 1      | 1      | 1      | 124    | 18     | 3           |
| L1300N 13+75E   | .1     | 1      | 7      | .1     | 15     | 37     | 412    | 1      | 1      | 1      | 94     | 25     | 1           |
| L1300N 14+00E   | .1     | 1      | 9      | .1     | 16     | 32     | 1324   | 1      | 10     | 1      | 120    | 24     | 1           |







## Appendix II

### MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167    PHONE: (604)980-5814 OR (604)988-4524

### STATISTICAL SUMMARY ON AU

COMPANY: PICKWICK EXPLORATION

ATTN: GARY MEDFORD

PROJECT: 2669895

FILE#: 2V-0846\2V-0904

DATE: SEPT 8, 1992

SAMPLE TYPE: SOIL

ANALYSIS TYPE: ICP\AU-FIRE

NUMBER OF SAMPLES: 401  
 MAXIMUM VALUE: 260.0 PPB  
 MINIMUM VALUE: 1.0 PPB  
 MEAN: 6.1 PPB  
 STD. DEVIATION: 16.2 PPB  
 COEFF. OF VARIATION: 2.7

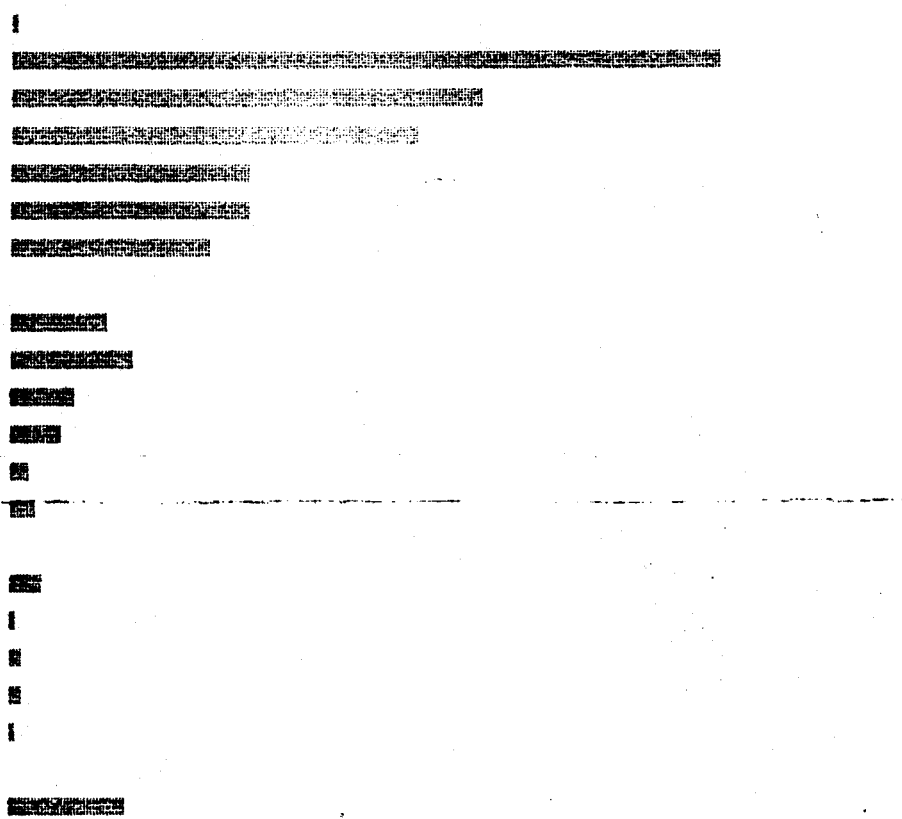
5 HIGHEST AU VALUES:  
 L1300N11+75E            260.0 PPB  
 L1300N8+75E            100.0 PPB  
 L9+00N13+25E           95.0 PPB  
 L1300N11+25E           90.0 PPB  
 L14+00N10+50E          68.0 PPB

HISTOGRAM FOR AU

CLASS INTERVAL = 0.85

| MID CLASS | CLASS |
|-----------|-------|
| PPB       | %     |

|   |       |       |
|---|-------|-------|
| < | 1.00  | 0.25  |
|   | 1.42  | 24.94 |
|   | 2.27  | 16.46 |
|   | 3.12  | 14.21 |
|   | 3.97  | 8.48  |
|   | 4.82  | 8.48  |
|   | 5.67  | 6.98  |
|   | 6.52  | 0.00  |
|   | 7.37  | 3.49  |
|   | 8.22  | 4.24  |
|   | 9.07  | 2.24  |
|   | 9.92  | 1.75  |
|   | 10.77 | 0.75  |
|   | 11.62 | 1.00  |
|   | 12.47 | 0.00  |
|   | 13.32 | 1.25  |
|   | 14.17 | 0.25  |
|   | 15.02 | 0.50  |
|   | 15.87 | 0.50  |
|   | 16.72 | 0.25  |
|   | 17.57 | 0.00  |
| > | 18.00 | 3.99  |



0.00%

12.47%

24.94%

FREQUENCY (%)



## Appendix II

### MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167    PHONE: (604)980-5814 OR (604)988-4524

### STATISTICAL SUMMARY ON ZN

COMPANY: PICKWCK EXPLORATION

DATE: SEPT 8, 1992

ATTN: GARY MEDFORD

SAMPLE TYPE: SOIL

PROJECT: 2669895

ANALYSIS TYPE: ICP\AU-FIRE

FILE#: 2V-0846\2V-0904

NUMBER OF SAMPLES: 401  
 MAXIMUM VALUE: 479.0 PPM  
 MINIMUM VALUE: 47.0 PPM  
 MEAN: 98.2 PPM  
 STD. DEVIATION: 44.7 PPM  
 COEFF. OF VARIATION: 0.5

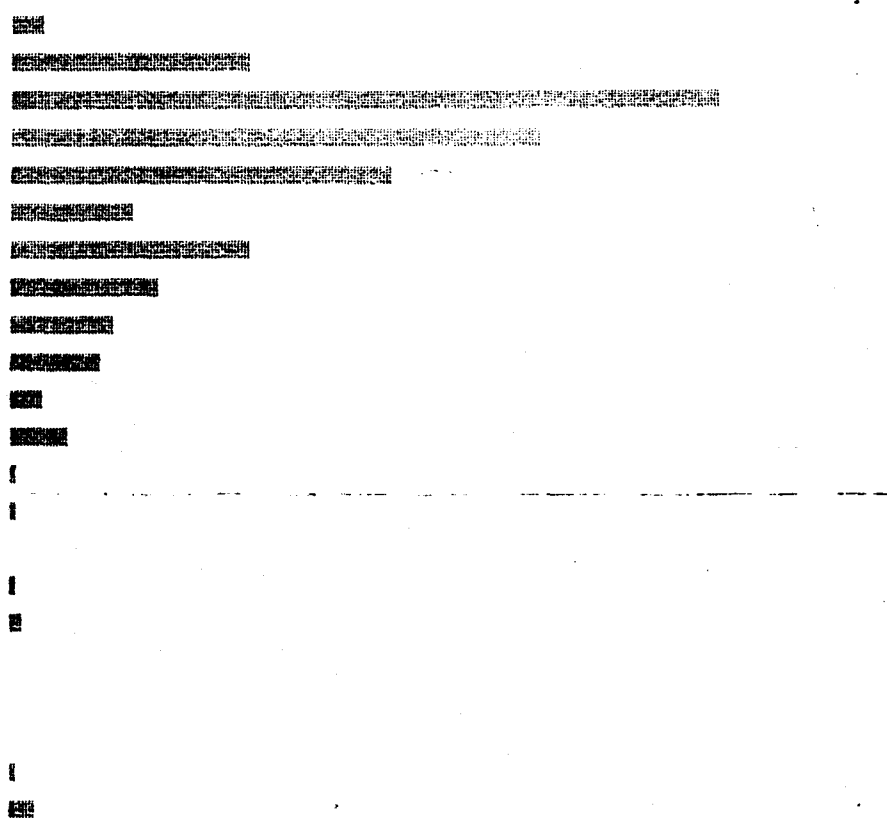
5 HIGHEST ZN VALUES:  
 BL15+50NOE 479.0 PPM  
 L1300N11+25E 414.0 PPM  
 L1300N11+75E 394.0 PPM  
 L1200N13+75E 294.0 PPM  
 L14+00N10+25E 279.0 PPM

HISTOGRAM FOR ZN

CLASS INTERVAL = 11.20

| MID CLASS PPM | CLASS % |
|---------------|---------|
|---------------|---------|

|   |        |       |
|---|--------|-------|
| < | 55.00  | 1.25  |
|   | 60.60  | 8.73  |
|   | 71.80  | 25.69 |
|   | 83.00  | 19.20 |
|   | 94.20  | 13.72 |
|   | 105.40 | 4.49  |
|   | 116.60 | 8.73  |
|   | 127.80 | 5.49  |
|   | 139.00 | 3.74  |
|   | 150.20 | 3.24  |
|   | 161.40 | 1.25  |
|   | 172.60 | 2.00  |
|   | 183.80 | 0.25  |
|   | 195.00 | 0.25  |
|   | 206.20 | 0.00  |
|   | 217.40 | 0.25  |
|   | 228.60 | 0.50  |
|   | 239.80 | 0.00  |
|   | 251.00 | 0.00  |
|   | 262.20 | 0.00  |
|   | 273.40 | 0.25  |
| > | 279.00 | 1.00  |



0.00%

12.84%

25.69%

FREQUENCY (%)

## Appendix II

### MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167    PHONE: (604)980-5814 OR (604)988-4524

### STATISTICAL SUMMARY ON MN

COMPANY: PICKWICK EXPLORATION

DATE: SEPT 8, 1992

ATTN: GARY MEDFORD

SAMPLE TYPE: SOIL

PROJECT: 2669895

ANALYSIS TYPE: ICP\AU-FIRE

FILE#: 2V-0846\2V-0904

NUMBER OF SAMPLES: 401  
 MAXIMUM VALUE: 2886.0 PPM  
 MINIMUM VALUE: 255.0 PPM  
 MEAN: 807.5 PPM  
 STD. DEVIATION: 405.4 PPM  
 COEFF. OF VARIATION: 0.5

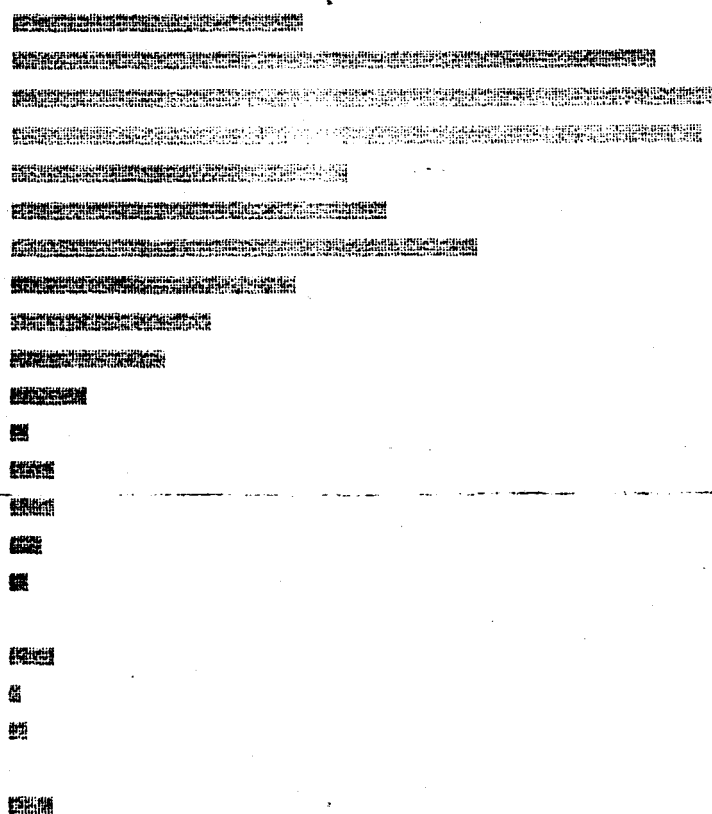
5 HIGHEST MN VALUES:  
 L16+00N10+25E 2886.0 PPM  
 L14+00N13+00E 2658.0 PPM  
 L1100N13+00E 2528.0 PPM  
 L14+00N12+75E 2445.0 PPM  
 L1100N11+25E 2390.0 PPM

HISTOGRAM FOR MN

CLASS INTERVAL = 99.30

| MID CLASS<br>PPM | CLASS<br>% |
|------------------|------------|
|------------------|------------|

|   |         |       |
|---|---------|-------|
| < | 404.00  | 6.48  |
|   | 453.65  | 14.21 |
|   | 552.95  | 15.71 |
|   | 652.25  | 15.21 |
|   | 751.55  | 7.48  |
|   | 850.85  | 8.23  |
|   | 950.15  | 10.22 |
|   | 1049.45 | 6.23  |
|   | 1148.75 | 4.49  |
|   | 1248.05 | 3.49  |
|   | 1347.35 | 1.75  |
|   | 1446.65 | 0.50  |
|   | 1545.95 | 1.00  |
|   | 1645.25 | 1.00  |
|   | 1744.55 | 0.75  |
|   | 1843.85 | 0.50  |
|   | 1943.15 | 0.00  |
|   | 2042.45 | 1.00  |
|   | 2141.75 | 0.25  |
|   | 2241.05 | 0.50  |
|   | 2340.35 | 0.00  |
| > | 2390.00 | 1.00  |



0.00%

7.86%

15.71%

FREQUENCY (%)

## Appendix II

### MIN-EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS

705 WEST 15TH STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

TELEX: USA 760167    PHONE: (604)980-5814 OR (604)988-4524

### STATISTICAL SUMMARY ON CR

COMPANY: PICKWICK EXPLORATION

DATE: SEPT 8, 1992

ATTN: GARY MEDFORD

SAMPLE TYPE: SOIL

PROJECT: 2669895

ANALYSIS TYPE: ICP\AU-FIRE

FILE#: 2V-0846\2V-0904

NUMBER OF SAMPLES:    401  
 MAXIMUM VALUE:        87.0 PPM  
 MINIMUM VALUE:        9.0 PPM  
 MEAN:                    35.0 PPM  
 STD. DEVIATION:        9.0 PPM  
 COEFF. OF VARIATION: 0.3

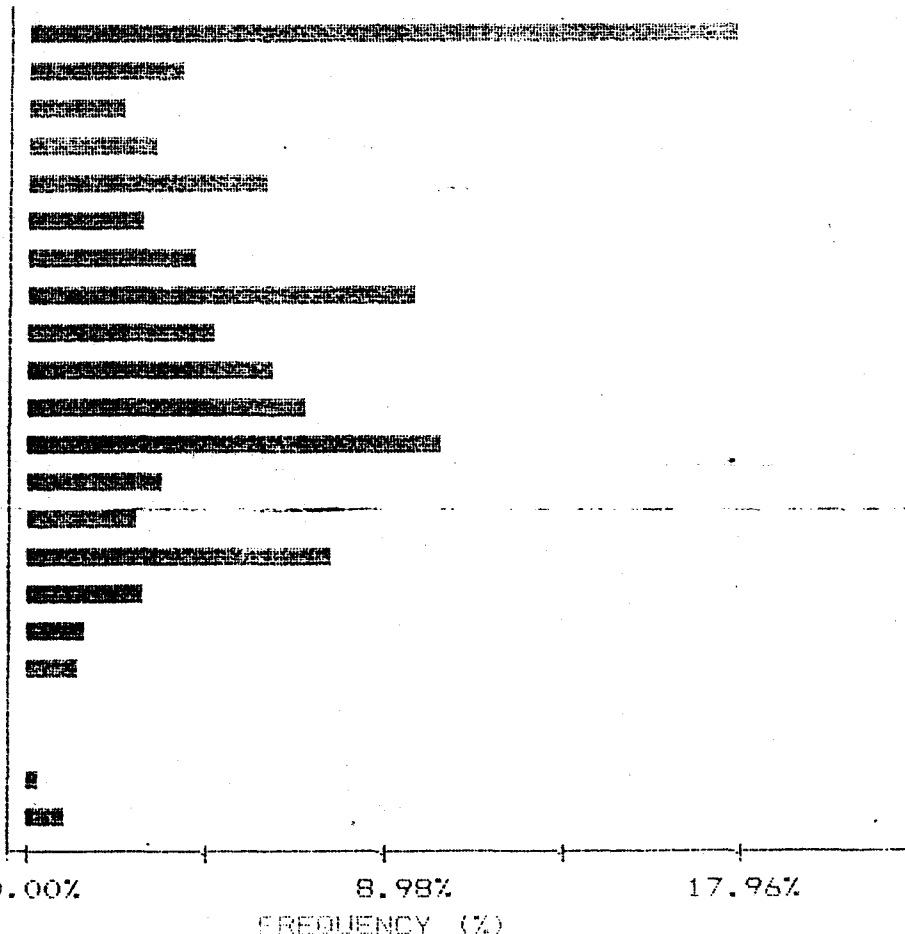
5 HIGHEST CR VALUES:

|              |          |
|--------------|----------|
| LB+00N17+00E | 87.0 PPM |
| LB+00N17+25E | 68.0 PPM |
| L1000N16+00E | 60.0 PPM |
| LB+00N7+00E  | 55.0 PPM |
| L1000N15+50E | 53.0 PPM |

HISTOGRAM FOR CR                      CLASS INTERVAL =    1.30

| MID CLASS | CLASS |
|-----------|-------|
| PPM       | %     |

|   |       |       |
|---|-------|-------|
| < | 27.00 | 17.96 |
|   | 27.65 | 3.99  |
|   | 28.95 | 2.49  |
|   | 30.25 | 3.24  |
|   | 31.55 | 5.99  |
|   | 32.85 | 2.99  |
|   | 34.15 | 4.24  |
|   | 35.45 | 9.73  |
|   | 36.75 | 4.74  |
|   | 38.05 | 6.23  |
|   | 39.35 | 6.98  |
|   | 40.65 | 10.47 |
|   | 41.95 | 3.49  |
|   | 43.25 | 2.74  |
|   | 44.55 | 7.73  |
|   | 45.85 | 2.99  |
|   | 47.15 | 1.50  |
|   | 48.45 | 1.25  |
|   | 49.75 | 0.00  |
|   | 51.05 | 0.00  |
|   | 52.35 | 0.25  |
| > | 53.00 | 1.00  |

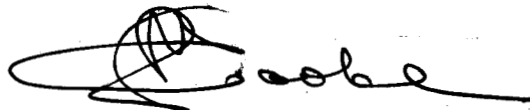


## Appendix III

### 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., V4N 1W5, 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, with M.A. and Ph.D. degrees in Geology from the University of Toronto in 1961 and 1966 respectively.
3. That I have practiced 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 have been a registered member since the 1970 of the Association of Professional Engineers and Geoscientists 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 Contact mineral claim on June 22, 1992.
6. That I have no interest in the Contact mineral claim.



David L. Cooke, Ph.D., P. Eng.

October 1, 1992

