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**ASSESSMENT REPORT ON THE LEMON LAKE PROPERTY  
1992 GEOCHEMICAL & DRILL PROGRAM**

Cariboo Mining Division, British Columbia  
N.T.S. Map Area 93A/6  
Latitude 52° 20'N      Longitude 121° 16'W

**Claims:**      MELON 1, MELON 2, MELON 3, MELON 4, MELON 5  
**Owner:**      Canim Lake Gold Corp.  
                 1003 470 Granville Street  
                 Vancouver, BC  
                 V6C 1V5  
**Operator:**    Canim Lake Gold Corp.  
                 1003 470 Granville Street  
                 Vancouver, BC  
                 V6C 1V5

by  
M. Schatten, B.Sc.  
April 5, 1993  
Reviewed & Approved by  
J. Kerr, P.Eng.

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**  
  
**22,850**

CANIM LAKE GOLD CORP.

LEMON LAKE PROPERTY  
Cariboo Mining Division, B.C.

ASSESSMENT REPORT  
1992 GEOCHEMICAL & DRILL PROGRAM  
April, 1993

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## 1. INTRODUCTION

### 1.1 Location, Access, and Terrain

The Lemon Lake property (figure 1) is located 8km east of Horsefly and 60km east of Williams Lake in south-central British Columbia. Road access from Horsefly to the claim block is via a secondary gravel road to the Weldwood 8500 logging road. Access is good to the central and southern parts of the property.

Elevations range from 800-1000m above sea level. Much of the property is flat-lying and dotted with swampy areas and dry bogs. Overburden for the most part is considerable. The eastern part of the property, Melon 5, is moderately steep. Gibbons Creek drains the northern part of the claim block.

Vegetation consists of poplar, birch, spruce, fir and pine. The southwestern part of the property is in the process of being logged off. To the western part of the claim block are cultivated fields.

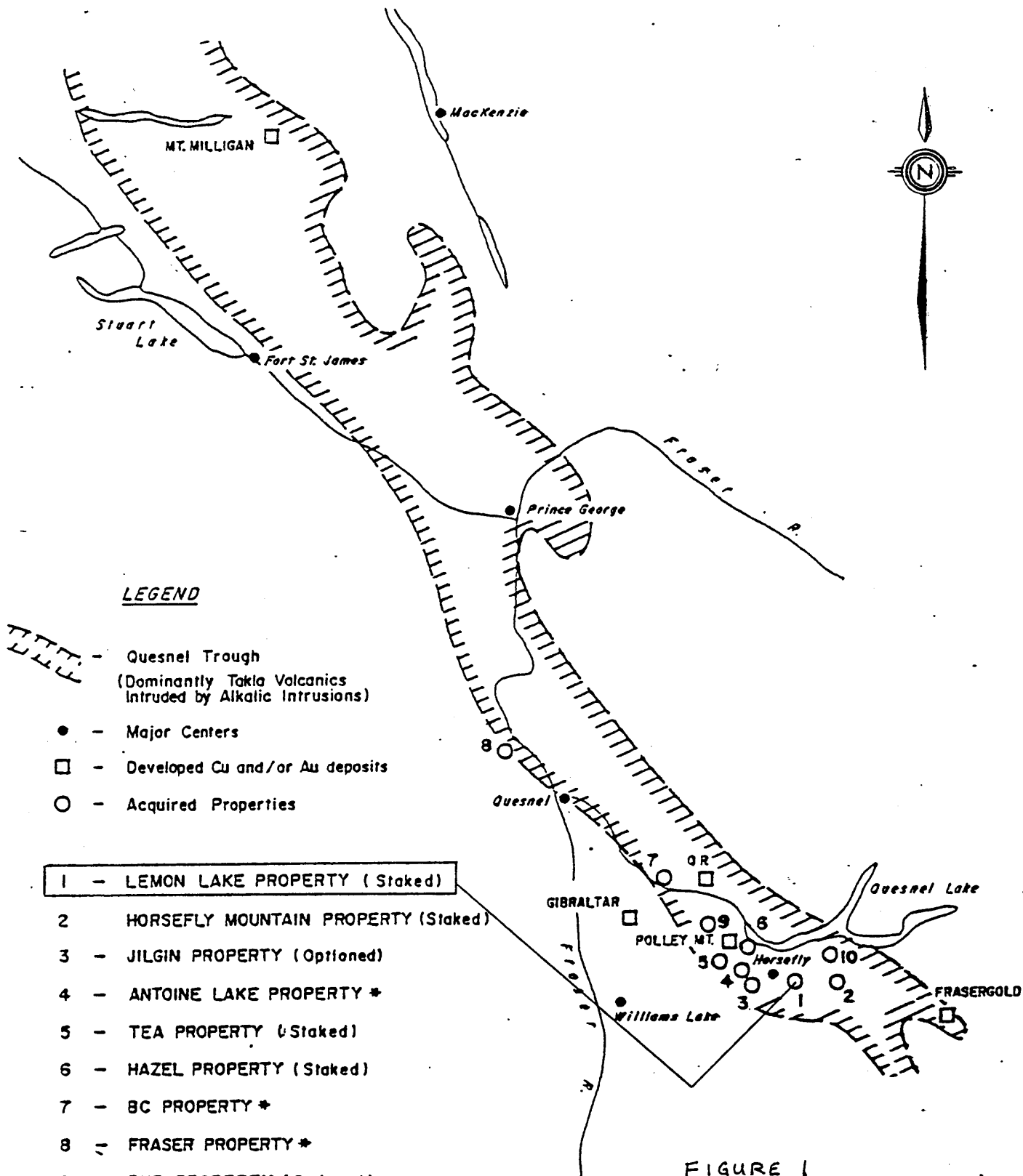
### 1.2 Claim Status

The Lemon Lake property (figure 2) consists of 5 mineral claims (70 units) all recorded in the name of Canim Lake Gold Corp.. The claims were transferred to Canim Lake Gold Corp. from John R. Kerr on March 9, 1993. All claims are in good standing until 1995-1996 (Table 1). The expiry dates reflect the dates that will be in effect upon acceptance of this report.

Table 1. Summary of Claim Particulars

<u>Claim Name</u>	<u>Units</u>	<u>Tenure No.</u>	<u>Expiry Date*</u>
MELON-1	18	307830	02/25/1996
MELON-2	12	307831	02/26/1995
MELON-3	4	307832	02/26/1995
MELON 4	18	313847	10/07/1995
MELON 5	18	313848	10/08/1995
<b>Total Units</b>	<b>70</b>		

\* Upon acceptance of this report.



**LEGEND**

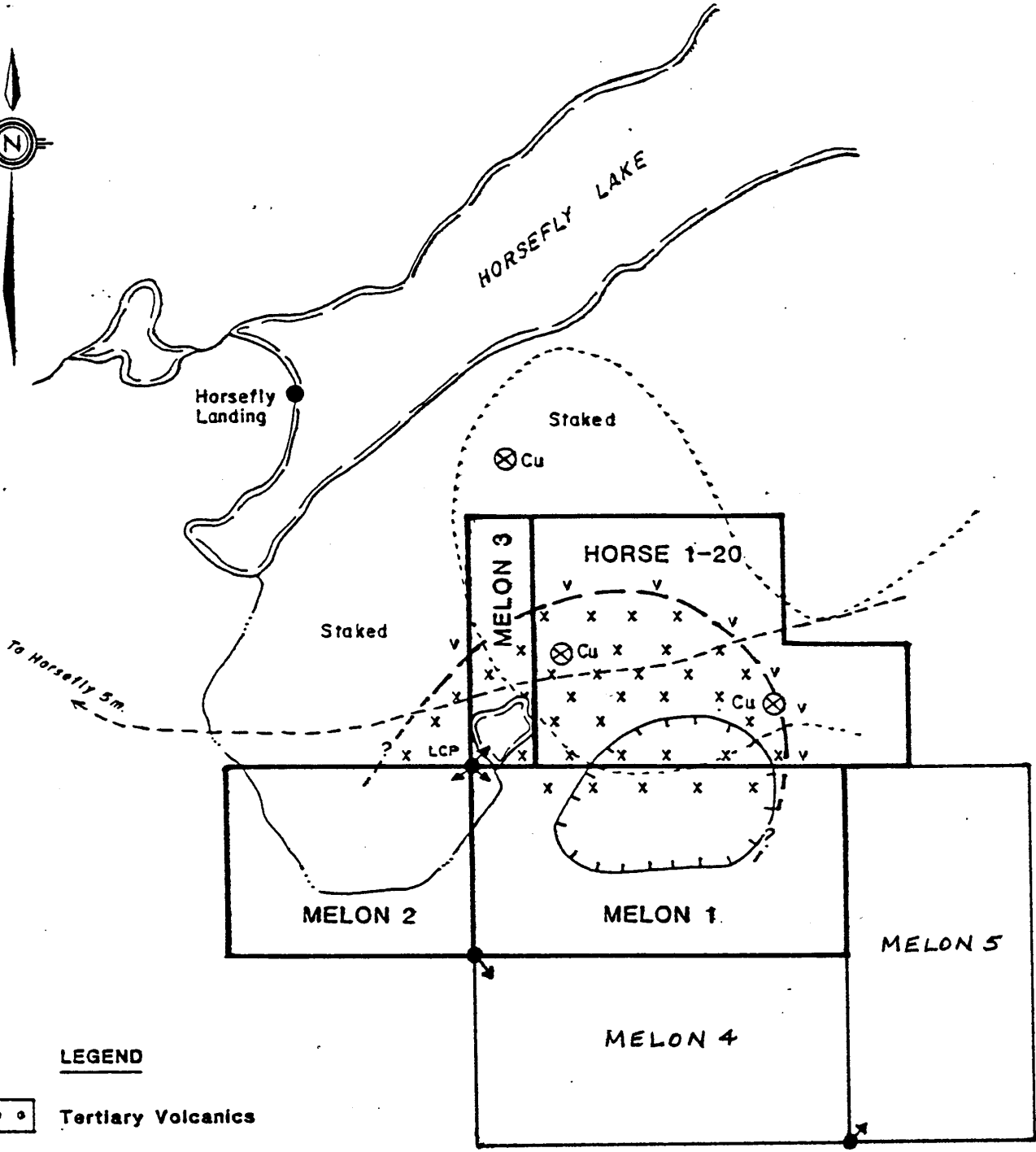
- Quesnel Trough  
(Dominantly Taktla Volcanics  
Intruded by Alkalic Intrusions)
- - Major Centers
- - Developed Cu and/or Au deposits
- - Acquired Properties

- 1 - LEMON LAKE PROPERTY (Staked)
  - 2 HORSEFLY MOUNTAIN PROPERTY (Staked)
  - 3 - JILGIN PROPERTY (Optioned)
  - 4 - ANTOINE LAKE PROPERTY \*
  - 5 - TEA PROPERTY (Staked)
  - 6 - HAZEL PROPERTY (Staked)
  - 7 - BC PROPERTY \*
  - 8 - FRASER PROPERTY \*
  - 9 - BUD PROPERTY (Optioned)
  - 10 - VIEW PROPERTY \*
- \* Not acquired to date, available for staking or option.

FIGURE 1

<b>CANIM LAKE GOLD CORP.</b>	
<b>LEMON LAKE PROPERTY LOCATION MAP</b>	
Drawn: John R. Kerr, P. Eng	Date: MAY, 1992
Checked: J.R.K.	Scale: 1 : 2,000,000





**LEGEND**

- o o o Tertiary Volcanics
- x x Alkalic Monzonite, Syenite, or Granodiorite Stock
- v v Takla volcanics

- — — Contact
- ⊗ Mineral Occurrence
- ⋯ Outcrop Area
- ⊖ Magnetic Anomaly
- - - Roads



<b>CANIM LAKE GOLD CORP.</b>	
<b>LEMON LAKE PROPERTY</b>	
CARIBOO MINING DIVISION, B. C.	
NTS 93A/6W	
Drawn by: Geodrafting	Date: March 1992
Checked: J.R.K.	Scale: 1 : 50,000

FIGURE 2



### **1.3 History**

There is little information of previous work on the Melon claims with the exception of Melon-3 and the northernmost portion of Melon-1. In the past exploration for porphyry copper focused on the Lem intrusive body also referred to as the Lemon Lake stock mapped to the north of Melon-1. This is the Pine occurrence, Minfile 093A-002.

#### **1.3.1 Hudson's Bay Oil and Gas Co. Ltd. (early 1970's)**

In the early 1970's Hudson's Bay Oil and Gas Co. Ltd. held the Fly claims, which extended onto the northern part of what is now the Melon claims. Geochemical soil surveys, IP surveys, ground magnetics, trenching, road building and 11, 200ft deep percussion drill holes were completed (Hegge, 1974 and Olsen, 1974). Drill logs (Hegge, 1974) indicate that variously K-feldspar altered and propylitized monzonitic to dioritic rocks were encountered. The best intersection was 130ft of K-feldspar altered biotite monzonite with disseminations and fracture fillings of chalcopyrite which averaged about 0.18% Cu. The Lemon Lake stock and two east-west structures at the south end of Lemon Lake and extending east from the middle part of the lake were outlined by ground magnetic surveys (Olsen, 1974).

#### **1.3.2 Orbex Industries Inc. (mid-late 1980's)**

Orbex Industries Inc. explored the same area as Hudson's Bay Oil and Gas Co. Ltd. in the 1980's when it was known as the Gibbons Creek property and made up of the Lem claims. Geochemical soil sampling and 1100m (7 holes) of diamond drilling was completed (Payne, 1987a and 1987b). Drill core samples were analyzed for gold only and did not return any significant results.

### **1.4 1992 Work Summary**

During the period of July 17-21, 23, 24, 1993 and August 18, 1993 Canim Lake Gold Corp. conducted a soil sampling program. A 4.6km baseline and 33km in grid lines were established from which a total of 556 soil samples were collected and analyzed for copper.

As follow up 12 vertical reverse circulation holes (546.4m) were drilled during the period of September 22-October 6, 1993 and October 9-10, 1993. 62 samples were collected from overburden and analyzed for copper and 114 chip samples were analyzed for copper and gold. Melon 4 and Melon 5 were staked to the south and east of the original block on October 9-10, 1993.

### 1.5 Claims Work Performed On

Melon 1	28.9km grid (including baseline), 473 soil samples, 546.4m reverse circulation drilling
Melon 2	8.7km grid (including baseline), 83 soil samples

## 2. GEOLOGY

### 2.1 Regional Geology

The Lemon Lake property is located in the central part of the Quesnel Trough (figure 3) which is a subdivision of the Intermontane structural belt of British Columbia. The area is underlain predominantly by Triassic volcanics and related sediments that have been intruded by late Jurassic and late Cretaceous alkalic stocks (Bailey, 1987).

The Quesnel Trough is host to a number of copper-gold enriched alkalic stocks. The Mt. Polley porphyry copper-gold deposit is one such occurrence.

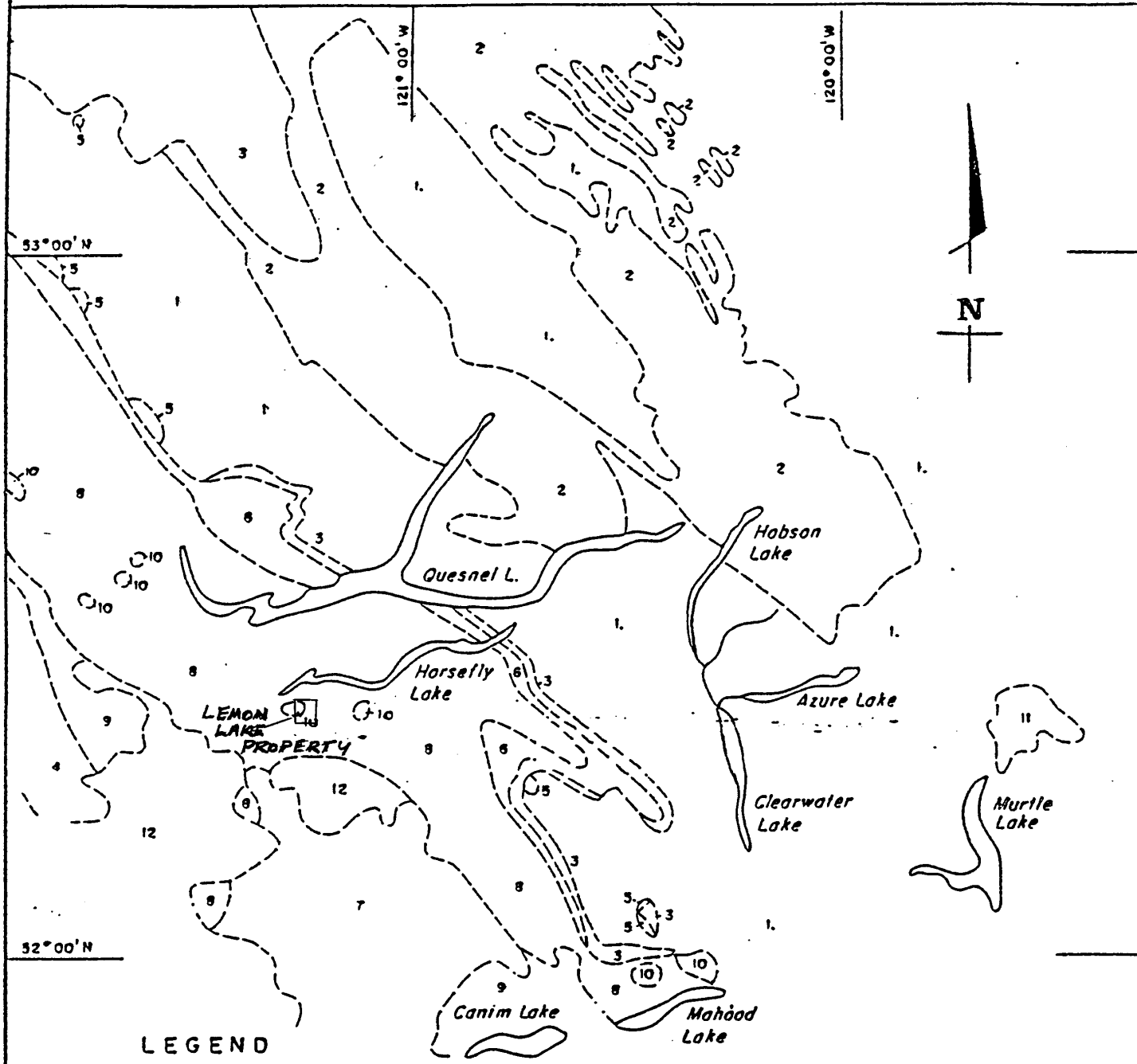
### 2.2 Property Geology

The Lemon Lake property lies on the south margin of the Early Jurassic Lemon Lake alkalic intrusive (figure 4). A blanket of overburden almost entirely covers the claim block.

The Lemon Lake stock is described (Payne, 1987) as being concentrically zoned. Compositions range from alkali gabbro in the core out to diorite and monzonite. Payne states that the central diorite and monzonite part of the stock are hydrothermally altered to K-feldspar, epidote and chlorite and commonly contain pyrite and lesser amounts of bornite. Stockworks and fracture coatings predominate.

Panteleyev and Hancock (1989) show a Triassic dark green, maroon and grey pyroxene-phryic basalt breccia, lithic lapilli and ash tuff and mafic wack surrounding the Lemon Lake stock. Bailey (1990) has mapped a Lower Jurassic maroon and grey polyolithic volcanic breccia characterized by felsic clasts surrounding the Mt. Polley stock.

# REGIONAL GEOLOGY



## LEGEND

### RECENT TO TERTIARY

12 Recent volcanics - overburden

### CRETACEOUS TO TERTIARY

11 Granodiorite - quartz diorite

### CRETACEOUS

10 Syenite - quartz monzonite

### JURASSIC

9 Sediments

### UPPER TRIASSIC TO LOWER JURASSIC

8 TAKLA GP Volcanics - sediments

### UPPER TRIASSIC

7 TAKOMKANE BATHOLITH : Granodiorite - quartz monzonite.

### UPPER TRIASSIC

6 BLACK PHYLLITES : Sediments - lesser volcanics

### PERMIAN TO TRIASSIC

5 Ultramafics

### UPPER PALEOZOIC

4 CACHE CREEK GP : Sediments - lesser volcanics

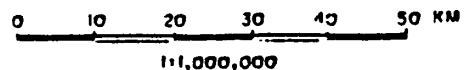
3 SLIDE MT. GP : Volcanics - sediments

### HADRYNIAN TO ORDOVICIAN

2 Sediments

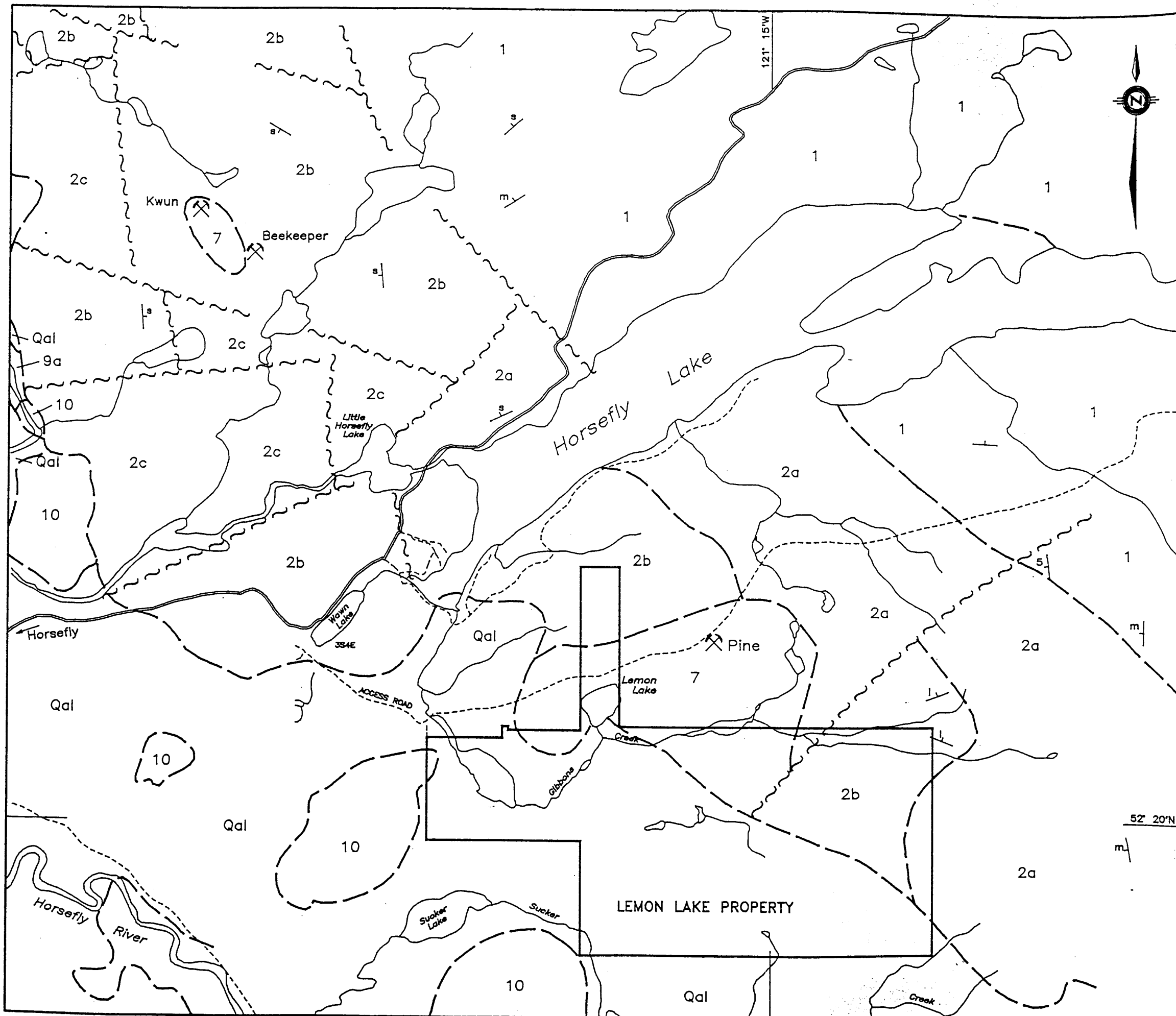
### HADRYNIAN

1 KAZA GP : Metasediments



FEB 1984

FIGURE 3



LEGEND

PLEISTOCENE - RECENT  
 [Qal] glacial and alluvial deposits

TERTIARY

Miocene  
 [10] plateau olivine basalt

Eocene  
 [9a] lacustrine sandstone, siltstone, minor conglomerate

EARLY JURASSIC  
 [7] syenite, gabbro, diorite

TRIASSIC

[2c] polyolithic gray-green and purple mafic breccia, debris flows or lahar, minor volcanic source conglomerate

[2b] dark green, maroon & gray pyroxene-phyric basalt breccia, lithic lapilli & ash tuff, mafic wacke

[2a] green & dark gray pyroxene-phyric alkali olivine basalt and alkali basalt flows, pillow lavas and breccia

[1] gray to dark brown siltstone and sandstone, thin chert beds and limestone lenses

~ Fault

m | Bedding attitude, s - steep, m - moderate, l - shallow

⌘ Mineral prospect

(Geology from Panteleyev and Hancock, 1989)

0 1 2 Km  
SCALE 1:50,000

CANIM LAKE GOLD CORPORATION  
 QUESNEL TROUGH PROJECT  
 CARIBOO MINING DIVISION, B.C.

LEMON LAKE PROPERTY  
**PROPERTY GEOLOGY**  
 (after Panteleyev and Hancock, 1989)

PROJECT 92-170	DRAWN rwr	DATE MAR., 1993	FIGURE: 4
Revised		N.T.S. 93 A/08	

K.V. CAMPBELL & ASSOCIATES LTD.

### 3. 1992 GEOCHEMICAL PROGRAM

#### 3.1 Procedure

On July 17-21, 23, 24, 1992 and August 18, 1992 a compass and chain grid was run over Melon-1 and Melon-2. The baseline extends for 4.6km from 4+00E to 50+00E and is oriented due east. 33km in grid lines were run due north of the baseline and are 1.5km long with the exception of infill lines. On Melon-2 lines are spaced at 400m intervals and stations at 100m centres. More detailed sampling was done on Melon-1 with grid lines at 200m spacing and stations every 50m. On August 18, 1992 infill lines were established over anomalous areas, lines 30+00E to 46+00E. A total of 37.6 line km were completed.

Soil samples were collected during the period of grid work referred to above. A total of 556 soils were collected during initial and infill sampling. Samples were collected from the "B" horizon at depths of 15-30cm and placed in Kraft soil envelopes marked with the corresponding grid coordinate. All samples were shipped via Greyhound bus from Williams Lake to the laboratory of Bondar-Clegg in North Vancouver for the analysis of copper.

#### 3.2 Results

A blanket of overburden covers the flat lying Melon-1 and -2 claims making rock exposure limited. Glaciation was to the southeast. Background copper values are considered to be less than 50 ppm. Values greater than 49ppm were considered anomalous and contoured on two intervals: 50-149ppm Cu  
>149ppm Cu.

Weakly anomalous (50-149ppm Cu) zones, some enclosing stronger anomalies, are scattered over the grid system. The two most prominent anomalies are discussed below.

- 1) This east-west trending anomaly covers the northeast portion of Melon-1. It extends from lines 39+00E to 50+00E (1.1km) and is open to the east. At its widest it ranges to 400m and is open to the north. Values are up to 448ppm Cu. Much of the reverse circulation drilling was focused in this area with 8 drill holes being completed. Through drilling, overburden was found to be in the order of 3.1m to 12.2m thick.
- 2) The second anomaly stretches from L39+00E to L4+00E and is open to the west. It is widest from L31+00E to L37+00E where it reaches a width of 350m. The strongest values, up to 234ppm Cu, are in this area. The remaining 4 reverse circulation drill holes were drilled here and showed a sharp increase in depth of overburden, in excess of 20-30m. From lines 30+00E to 4+00E the anomaly narrows to a roughly 100m wide band trending

approximately east-west. Values fall in the 50-149ppm Cu range and may very likely reflect the increased depth of overburden. Campbell (1993) interprets the anomaly as being spatially related to the southern contact of the Lemon Lake stock.

## 4. 1992 DRILL PROGRAM

### 4.1 Introduction

Drilling was done by Northspan Exploration Ltd. of Kelowna, BC. The customized reverse circulation drill was designed and built by Pat Mooney of Northspan Exploration Ltd. with the idea of prospector drilling in mind. It is track mounted and has a small dozer blade. It requires a minimum of 4m (drill length) to set up on a site. The environmental impact is minimal as drill access roads and drill pads are not required. The drill utilizes a compressor that has a 350 PSI capacity (500 CFM). The drill string consisted of 3.75" conventional dual wall pipe in 10ft lengths, a conventional crossover hammer, and a 4.5" conventional bit. Water for drilling, as required, was provided by a 1 ton truck with a 500gal tank that was filled from nearby lakes and ponds.

On September 21, 1992 the reverse circulation drill was mobilized to the Lemon Lake property from Kelowna, BC. Drilling began September 22, 1992 and was completed October 10, 1992. In all 12 vertical reverse circulation holes were drilled totally 546.4m (Table 2, Appendices I & II). All holes reached target depths with the exception of 3 that were abandoned due to down hole problems. An artesian flow was struck in holes LRC92-11 and -12 and prevented completion. Less than half of the holes were drilled dry. The depth of overburden varied from 3.1m to 12.2m in the northeastern corner of Melon-1 and deepened to in excess of 30m in the central part of the claim.

Drill samples were collected at 10ft (3.03m) intervals from both the overburden and the bedrock using a Jones 3-tier riffle splitter for a representative 1/8th split. If the sample from a 1/8th split was too large a 1/16th split was used. To ensure a clean sample, at the end of a 10ft run the hole was "spudded" over a 20ft length of the drill rods. 62 soil samples were collected from the overburden and placed in soil envelopes and subsequently geochemically analyzed for copper. 114 drill chip samples were collected and placed in plastic poly ore bags. The drill cuttings were geochemically analyzed for copper and gold. All samples were sent to the laboratory of Bondar-Clegg & Company Ltd. of North Vancouver, BC. Additional drill cuttings were placed in 7dram vials for logging purposes. Once back in the office drill cuttings were examined more closely with the aid of a microscope.



Table 2. Reverse Circulation Drill Holes 1992

<u>Hole No</u>	<u>Date</u> <u>Started/Completed</u>	<u>Grid Coordinates</u>		<u>Bearing</u>	<u>Angle</u>	<u>Hole Depth(m)</u>
		<u>Easting</u>	<u>Northing</u>			
LRC92-1	Sept 22, 1992	43+00	11+50		-90 <sup>0</sup>	45.7
LRC92-2	Sept 23, 1992	40+00	12+50		-90 <sup>0</sup>	45.7
LRC92-3	Sept 24, 1992	41+00	13+00		-90 <sup>0</sup>	45.7
LRC92-4	Sept 25, 1992	44+00	12+50		-90 <sup>0</sup>	45.7
LRC92-5	Sept 26, 1992	44+90	12+40		-90 <sup>0</sup>	58.8
LRC92-6	Sept 27, 1992	45+75	12+00		-90 <sup>0</sup>	51.8
LRC92-7	Sept 28, 1992	46+00	11+50		-90 <sup>0</sup>	15.2
LRC92-8	Sept 29-Oct 1, 1992	44+90	11+95		-90 <sup>0</sup>	67.0
LRC92-9	Oct 1-3, 1992	38+04	10+48		-90 <sup>0</sup>	54.9
LRC92-10	Oct 4, 1992	37+12	8+77		-90 <sup>0</sup>	54.9
LRC92-11	Oct 5-10, 1992	34+04	7+00		-90 <sup>0</sup>	33.5
LRC92-12	Oct 10, 1992	32+07	6+74		-90 <sup>0</sup>	27.4

## 4.2 Results

The Lemon Lake stock was intersected in all drill holes except for LRC92-11 which bottomed in a dark green basalt and andesite. LRC92-12 did not reach bedrock before having to be abandoned. The intrusive ranged from diorite to monzonite to syenite in composition. The contact between the Lemon Lake stock and the volcanics fall somewhere between drill holes LRC92-10 and LRC92-11 in the central part of Melon-1.

Alteration consists of K-feldspar, epidote, chlorite, silica, and sericite all in variable amounts. The drill holes in the most northeastern part of Melon-1 encountered the most intense alteration. Strong alteration for the most part appears to correspond with anomalous copper and gold values.

Mineralization was seen to occur as chalcopyrite, pyrite and as bornite and malachite in near surface samples. It is believed chalcocite is very likely also present in the higher grade samples. The nature of the gold mineralization is unknown however the drill samples with the highest copper values also have the greatest content of gold as is seen in LRC92-3 where values range up to 0.4% Cu and 0.028 oz/ton Au.

Elevated copper values in overburden are slightly higher than those in soils and on the drill sections are arbitrarily taken to be greater than 100ppm. Intrusive rocks that are relatively fresh have generally less than 50ppm Cu and less than 5ppb Au. The 2 drill chip samples collected from the volcanics returned values in the order of 37ppm Cu and 50ppm Cu.

Anomalous copper values in bedrock are taken to be in excess of 300ppm Cu. Drill holes LRC92-1 - LRC92-7 all have mineralized zones with intersections ranging from 3m to at least 24m wide. Hole LRC92-3 contains the best results with a 15m intersection of 1355ppm Cu and 369ppb Au. The bottom 3m of the intersection has values of 4062ppm Cu (0.41%) and 960ppb Au (0.028oz/ton).

## 5. CONCLUSIONS

The Melon-1, Melon-2 and Melon-3 claims were staked in February, 1992 as part of a regional program to test for copper-gold porphyry systems in geologically favourable areas covered by extensive overburden. Melon 4 and Melon 5 were staked in October, 1992 to cover the possible extension of mineralized zones as delineated by reverse circulation drilling.

Copper geochemical soil sampling outlined 2 extensive anomalies, one in the northeastern corner of Melon-1 and the other crossing Melon-1 and -2. Values are up to 448ppm Cu and considered to be strongly anomalous.

Prospect reverse circulation drilling revealed the presence of a copper-gold mineralized body at depth. The Lemon Lake stock where intersected is dioritic to syenitic in composition. Varying degrees of alteration are present, K-feldspar being the most dominant with lesser amounts of chlorite, epidote, silica and sericite. The areal extent of alteration, based on drilling, is in the order of 1km x 450m.

Drill intersections range from 3m to 24m in width with grades to 0.4% Cu and 0.028oz/ton Au. The mineralized zones correspond to the strongest pervasive K-feldspar altered intrusive rocks. Mineralization may be controlled by faults or fracture zones crossing the Lemon Lake stock.

6. COST STATEMENT

GEOCHEMICAL PROGRAM

**FIELD CREW**

J. Kerr	2 day @ \$350/day	700.00
M. Schatten	8 days @ \$200/day	1,600.00
D. Wager	8 days @ \$170/day	1,360.00

**ANALYTICAL**

556 soil samples @ \$3.50/sample	1,946.00
----------------------------------	----------

**ROOM & BOARD**

18 mandays @ \$60/day	1,080.00
-----------------------	----------

**FIELD SUPPLIES**

200.00

**TRUCK RENTAL**

9 days @ \$40/day	360.00
350km @ \$0.15/km	<u>52.50</u>

**SUBTOTAL GEOCHEMICAL EXPENSES**

**\$7,298.50**

**DRILL PROGRAM**

**DRILLING**

Reverse Circulation Drilling - Northspan Exploration Ltd.  
546.4m @ \$26.25/m 14,343.00  
Mob/demob, drill site moves 3,007.00

**GEOLOGICAL SUPERVISION**

M. Schatten 7 days @ \$200/day 1,400.00  
J. Kerr 10 day @ \$350/day 3,500.00

**CASUAL LABOUR**

Drill helper 10 days @ \$180/day 1,800.00

**ASSAYS & ANALYTICAL**

62 soil samples @ \$3.50/sample 217.00  
114 chip samples @ \$10/sample 1,140.00

**ROOM & BOARD**

17 man days @ \$60/man/day 1,020.00

**FIELD SUPPLIES**

200.00

**SUBTOTAL DRILLING EXPENSES**

**\$26,627.00**

**COMPILATION & REPORT**

Fees 1,400.00  
Photocopies, printing 160.00

**SUBTOTAL REPORT EXPENSES**

**\$1,560.00**

**TOTAL PROPERTY EXPENSES**

**\$35,485.50**

## 7. BIBLIOGRAPHY

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8. STATEMENT OF QUALIFICATIONS

I, MYRA G. SCHATTEN, resident of Calgary, Province of Alberta, hereby certify as follows:

1. I am a contract geologist currently employed by Canim Lake Gold Corp. at 1003-470 Granville St., Vancouver, BC.
2. I was actively involved as a field geologist on the Lemon Lake property during the 1992 geochemical and drill program and assisted in the collection of the data referred to in this report.
3. I graduated from the University of Alberta, Edmonton, Alberta, B.Sc. Geology, 1987. I have been actively involved in mineral exploration since 1987.

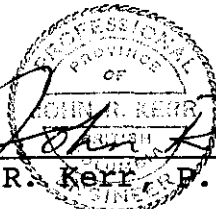
DATED at Vancouver, Province of British Columbia this 5th day of April, 1993.

  
\_\_\_\_\_  
M.G. Schatten, B.Sc.  
Geologist

I, JOHN R. KERR, of Vancouver, British Columbia, do hereby certify that:

1. I am a member of the Association of Professional Engineers of British Columbia and a Fellow of the Geological Association of Canada.
2. I am a geologist employed by Canim Lake Gold Corp. at 1003-470 Granville St., Vancouver, BC.
3. I am a graduate of the University of British Columbia (1964) with a B.A.Sc. degree in Geological Engineering.
4. I have practised my profession continuously since graduation.
5. I supervised and assisted in the collection of the data as compiled in this report. I have reviewed the contents of this report which is based on the aforementioned data, and supervised the compilation and authorship by M. Schatten. I verify the costs as reported to be true.
6. I am an officer and director of Canim Lake Gold Corp. and hold a direct and indirect interest in the securities of this company.

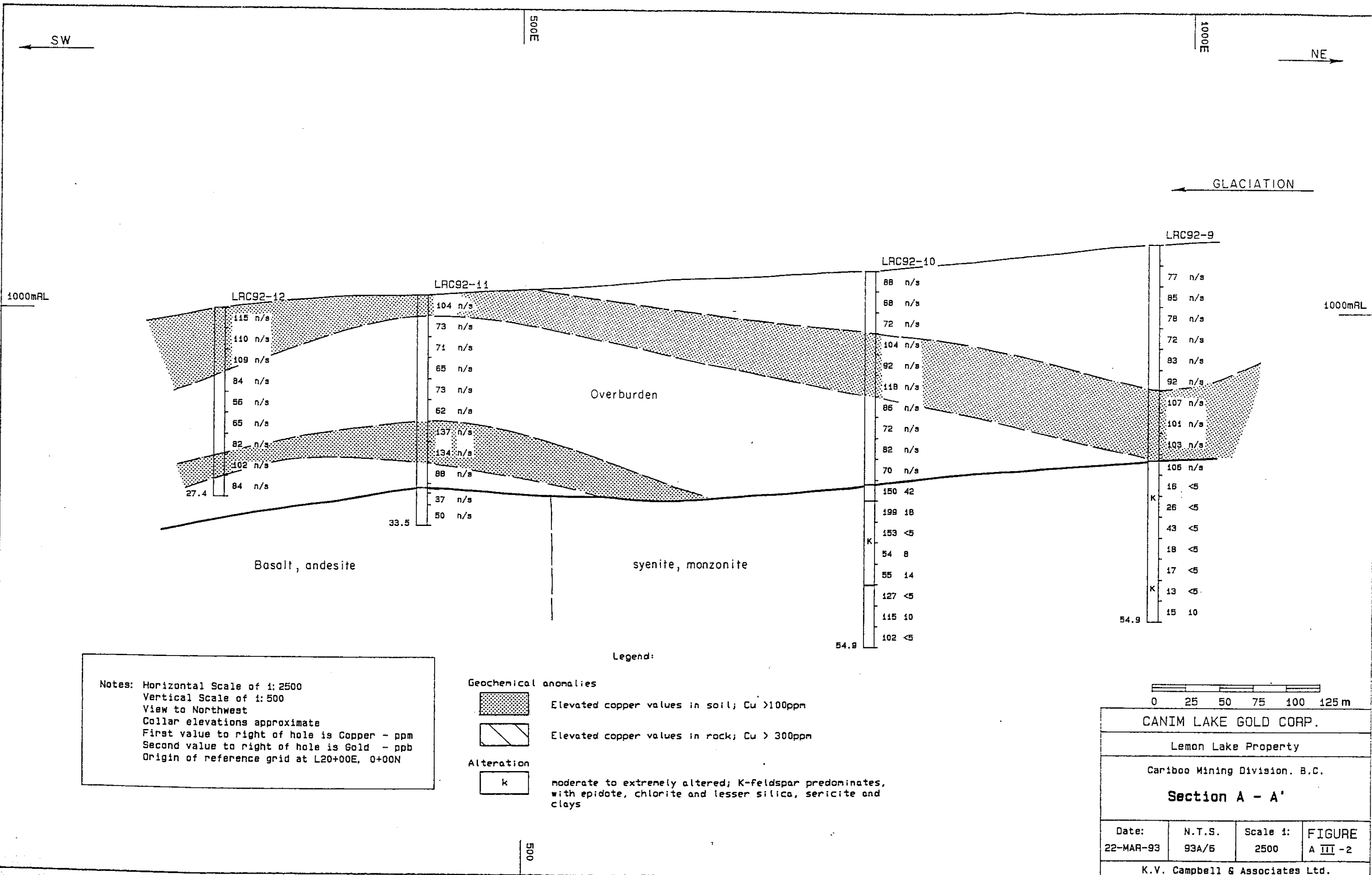
DATED at Vancouver, Province of British Columbia this 5th day of April, 1993.

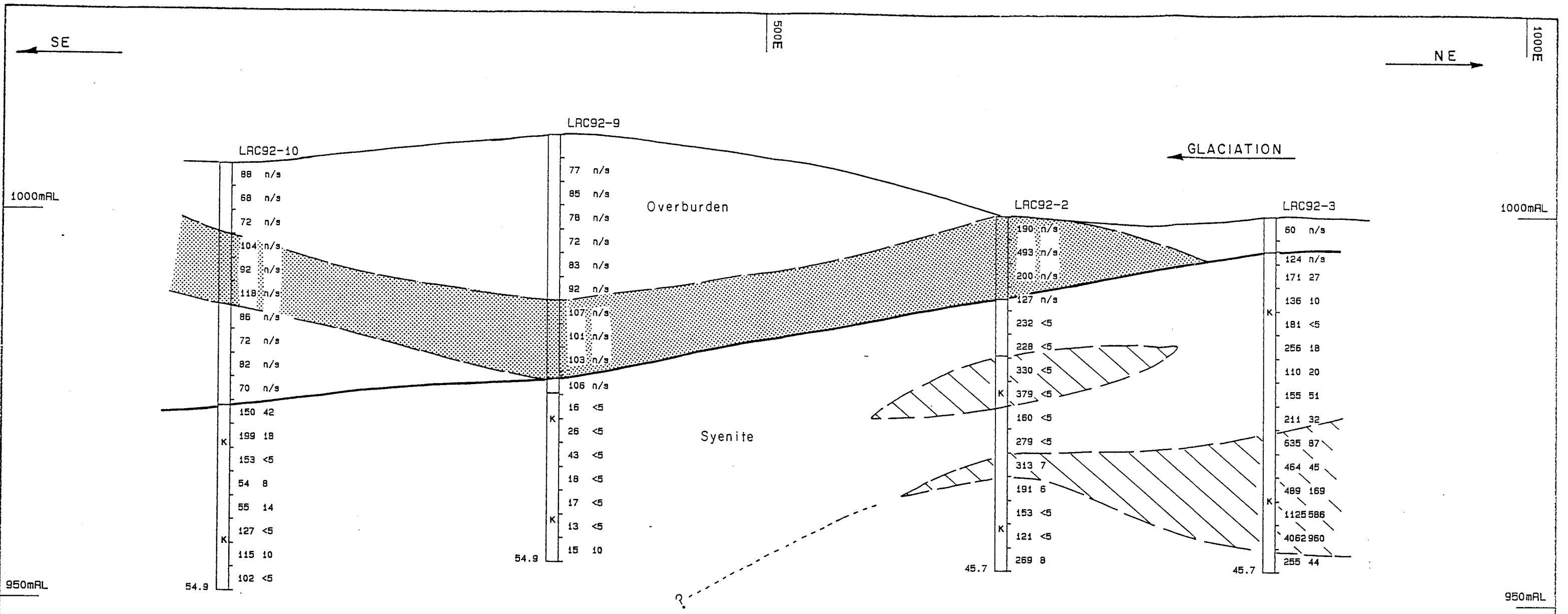
  
*John R. Kerr*  
\_\_\_\_\_  
J.R. Kerr, P. Eng.



**APPENDIX I**

**REVERSE CIRCULATION COLLAR PLAN & DRILL SECTIONS**





SE

NE

500E

1000E

1000mRL

1000mRL

950mRL

950mRL

Notes: Horizontal Scale of 1:2500  
 Vertical Scale of 1:500  
 View to Northwest  
 Collar elevations approximate  
 First value to right of hole is Copper - ppm  
 Second value to right of hole is Gold - ppb  
 Origin of reference grid at L20+00E, 0+00N

Legend:

**Geochemical anomalies**

Elevated copper values in soil; Cu >100ppm

Elevated copper values in rock; Cu > 300ppm

**Alteration**

moderate to extremely altered; K-feldspar predominates, with epidote, chlorite and lesser silica, sericite and clays

0 25 50 75 100 125m

CANIM LAKE GOLD CORP.

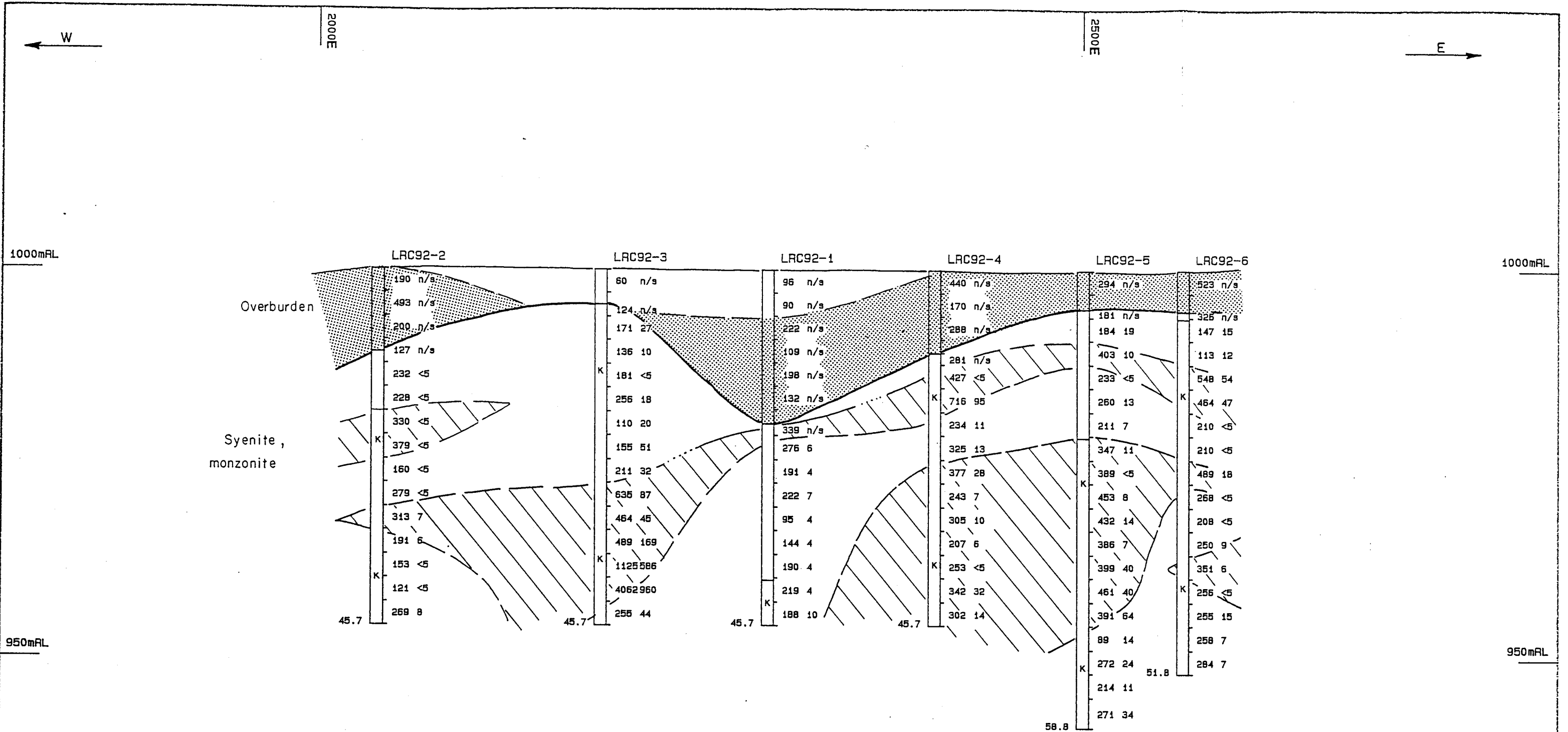
Lemon Lake Property

Cariboo Mining Division, B.C.

**Section B - B'**

Date:	N.T.S.	Scale 1:	FIGURE
23-MAR-93	93A/6	2500	A III -3

K.V. Campbell & Associates Ltd.



0 25 50 75 100 125m

**CANIM LAKE GOLD CORP.**

Lemon Lake Property

Cariboo Mining Division, B.C.

**Section C - C'**

Date:	N.T.S.	Scale 1:	FIGURE
23-MAR-93	93A/6	2500	A III -4

K.V. Campbell & Associates Ltd.

**APPENDIX II**  
**REVERSE CIRCULATION DRILL LOGS**

# DIAMOND DRILL RECORD

PROPERTY LEMON LAKE

HOLE No. LRC92-1

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size 4"  
 Angle of Hole Vert.  
 Claim.....  
 Section L43100E; 111.50N  
 Bearing.....

Total Depth 45.7m  
 % Recovery.....  
 Elev. Collar.....  
 Latitude.....  
 Departure.....

Sheet No 1 of 2  
 Logged by J. Hall  
 Date Begun SEPT 22 1992  
 Date Finished SEPT 22 1992  
 Core Stored At.....

TEXTURE, ALTER'N. MINERALIZATION, ETC.	GRAPH GEOL.	DESCRIPTION	INTERVAL (m)		REC-OVERY	EST. GRADE	Sample No.	ASSAYS		
			FROM	TO				Cu (ppm)	Au (ppm)	
		0-19.8m Overburden		3m			11-1	96		
		0-3m Sand		6m			1-2	90		
		3-18.6m St/Cl with mixed Bldn		9m			1-3	222		
		18.6-19.8m whd bedrock		12m			1-4	109		
				15m			1-5	198		
				18m			1-6	132		
		19.8-21.3 Highly oxidized & rusty andesite/basalt. (dior?)	19.8	21.3			11-7	339		
		Highly alt. f-grained andesite, possibly dior. Silica/Epid → chlor, calc & K felds.	21.3	24.4			18501	276		6
		Poss. dior becoming dk grn andesite at end of section. Epid/Chl → calc & sil	24.4	27.4			18502	191		<5
		Dk grn. andesite weak alt <sup>m</sup> Chl & epid. Tr. pyrite	27.4	30.5			18503	222		7
		Dk grn. andesite, fine alt <sup>m</sup>	30.5	33.5			18504	95		<5

# DIAMOND DRILL RECORD

 PROPERTY LEMON LAKE

 HOLE No. LRC 92-1

 SHEET No. 2 of 2

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.		INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
			FROM	TO						Au	Cu ppm	MAu	Other A	Au ppm.
			33.5	36.6m			DK green andesite. F. ground bbble kls. Mod. epid/chlor. Tr pyr.	18505		144				25
			36.6	39.6m			Med. alt'd andesite. Epid/chlor > calcite/blue clay. Tr pyrit	18506		190				25
			39.6	42.7			39.6-41.7 And. as above 41.7-42.7 Highly alt'd dia. intrusive rock. Chlor/epid > sil/calc. Some hematite & blods pyr.	18507		219				25
			42.7	45.7			Mainly highly chloritized andesite, w hematite stain. Finer pyr.	18508		188				10
							45.7m END OF HOLE  Hole drilled dry to 27.4m							

# DIAMOND DRILL RECORD

 PROPERTY LEMON LAKE

 HOLE No. LRC 92 2

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

 Hole Size 1"  
 Angle of Hole Vert.  
 Claim.....  
 Section L40122, 12150N  
 Bearing.....

 Total Depth 45.7m  
 % Recovery.....  
 Elev. Collar.....  
 Latitude.....  
 Departure.....

 Sheet No 1 of 2  
 Logged by J. R. H.  
 Date Begun SEPT 23/92  
 Date Finished SEPT 23/92  
 Core Stored At.....

TEXTURE, ALTER'N. MINERALIZATION, ETC.	GRAPH GEOL.	DESCRIPTION	INTERVAL (m)		REC-OVERY	EST. GRADE	Sample No.	ASSAYS		
			FROM	TO				Cu ppm	Ag ppm	Au ppm
		0-10.7m Overburden		3.0m			L-21	190		
		0-2.6 Sd/gravel		6.1m			L-2-2	493		
		2.6-10.7 Gravel. Bldgs ind. & wks (mod).		9.1m			L-2-3	200		
		10.7-12.2 Whit. crystallized dior. (bedrock)	10.7	12.2m			L-2-4	127		
		Pk grtbl dior mod alt'd chlo & epid, with light gr/blue clay mineral.	12.2	15.2			18509	232		<5
		Pk gr. weakly alt'd dior. Tr. py.	15.2	18.3			18510	228		<5
		Dior becoming coarse grained & aphanitic. Mod. alt'd Epid & K felds/blk. Tr. py.	18.3	21.3			18511	330		<5
		Dior as above. Unalt'd sections towards end of run. Occasional blk py.	21.3	24.4m			18512	379		<5
		Weakly alt'd dior K felds becoming abundant towards end of section Tr. py.	24.4	27.4			18513	160		<5







# DIAMOND DRILL RECORD

 PROPERTY LEMON LAKE

 HOLE No. LRL 72-3

 SHEET No. 2 of 2

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.		INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
			FROM	TO						AlI	Cu ppm	MAI	Other A	Pu ppb.
			24.4	27.4m			Pale grey/gn chloritized dia to 2.6m. DK gn dia with K-felds. Epid. to end.	18526		211				32
			27.4	30.5			DK gn dia - weak all <sup>n</sup> chlor/K felds & epid. Sulphides to 1" in sections (py?)	18527		655				8.7
			30.5	33.5			DK gn dia, with section black ephenitic dyke? rock (unattned) Dia has wk/mod K-felds. Tr pyr.	18528		469				45
			33.5	36.6			Grey/green chloritized dia with min K felds. Some dikes r. @ 35m. Tr pyr.	18529		489				169
			36.6	39.6			Grey dia - Mod str all <sup>n</sup> chlor & K felds. Bkbs pyr & py?	18530		1125				586
			39.6	42.7			Grey dia as above. Chlor & K felds. Massive bkbs py & pyr. (Barnite?)	18531		4062				960
			42.7	45.7m			DK gn/black f. grained dikes rock. Min all <sup>n</sup> Tr. diss pyr	18532		255				44
							45.7 END OF HOLE Hole drilled dry.							

# DIAMOND DRILL RECORD

PROPERTY LEMON LAKE

HOLE No. LRC 92-4

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size 4"  
 Angle of Hole Vert.  
 Claim.....  
 Section LAA1001; 12150N  
 Bearing.....

Total Depth 45.7m  
 % Recovery.....  
 Elev. Collar.....  
 Latitude.....  
 Departure.....

Sheet No 1 of 2  
 Logged by J. KERR  
 Date Begun SEPT 25/92  
 Date Finished SEPT 25/92  
 Core Stored At.....

TEXTURE, ALTER'N. MINERALIZATION, ETC.	GRAPH GEOL.	DESCRIPTION	INTERVAL (m)		REC. OVERY	EST. GRADE	Sample No.	ASSAYS		
			FROM	TO				Cu ppm		Au ppm
		0-10.7 Overburden		3m			LA-1	440		
		0-7.6 Sd/Gl. bldgs (malachite)		6m			LA-2	190		
		7.6-10.7 Sd/Clay (bldgs)		9m			LA-3	288		
		DK gn/bl. dia/gabbro Mod epidite Tr pyr.	10.7	12.2			LA-4	281		
		DK gn/black dia/gabbro Epid > K felds. K felds. dom. at end of ran. Tr pyr.	12.2	15.2			18535	427		45
		Mod all'd dia K felds > epid/chln. f. diss sulphides (pyr?).	15.2	18.3			18534	716		95
		DK gn/bl dia/gabbro Weak all'd chln > epid.	18.3	21.3			18535	234		11
		Greygn dia Mod all'd chln > K felds. Tr pyr	21.3	24.4			18536	325		13
		DK gn/black dia chln > epidite (weak mod all'd) No K felds Tr pyr.	24.4	27.4			18537	377		28





# DIAMOND DRILL RECORD

 PROPERTY LEMON LAKE

 HOLE No. LRL 92-5

 SHEET No. 2 of 3

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.		INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
			FROM	TO						AU	Cu PPM	MAU	Other A	P.H. P.P.B.
			21.3	24.4			Green Rod all'dion Epid > Chlo/Kfelds. Some pyrite (cpy?) on fractures	18549		347				11
			24.4	27.4			Weakly all'dion Epid > Kfelds. Chlo. Blebs of pyrite	18550		389				25
			27.4	30.5			Weak mod all'dion Epid/Chlo > Kfelds. Minor pyrite	18801		453				8
			30.5	33.5			DK gn. mod all'dion Kfelds > epid. Minor carb. Diss sulph (any).	18802		432				14
			33.5	36.6			Gn. mod all'dion Chlo/Kfelds >> epid. Diss pyrite to 1/2%	18803		386				7
			36.6	39.6			Green all'dion. Two bands of coarse Kfelds. Massive blebs pyrite	18804		399				40
			39.6	42.7			Grey gn. all'dion Rod all'dion Chlo > Kfelds >> epid. Irregular blebs pyrite (cpy?)	18805		461				40
			42.7	45.7			Highly all'dion Epid > Kfelds/Chlo Irreg. blebs pyrite & cpy.	18806		391				64

# DIAMOND DRILL RECORD

 PROPERTY LEMON LAKE

 HOLE No. LRC 92-5

 SHEET No. 3 of 3

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.		INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
			FROM	TO						AU	Cu PPM	MAU	Other A	PPM Ag
			45.7	48.8			Lt green/pink Extremely alt'd. mass (54m?). Appears to be secondary intrusion	18807		89				14
			48.8	51.8			K feld as above to 49.5m, then highly alt'd dior Chln/sulph epid/K felds. Pass. some mica or sericite Diss. pyx.	18808		272				24
			51.8	54.9			Highly alt'd dior esobv Chln/epid >> K felds/mica T. pyx.	18809		214				11
			54.9	58.6			Alt'd dior as above thin sulphides. Major fracture/fault @ 58m.	18810		271				34
							58.6m END OF HOLE. hole terminated at due to excessive H <sub>2</sub> O. Hole drilled dry to 18.3m.							





# DIAMOND DRILL RECORD

 PROPERTY LEMON LAKE

 HOLE No. LRC 92-6

 SHEET No. 2 of 4

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.		INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
			FROM	TO						Au	Cu ppm	MAu	Other A	Au ppb
			21.3	24.4			Weak. med alt'd clin Epid/Chln > K felds. Tr diss py.	18816		210				15
			24.5	27.4			Weak. med alt'd clin K felds/Chln > epid. Tr diss py.	18817		489				18
			27.4	30.5			Weak alt'd clin to 27.5 Highly alt'd to 30.5 K felds >> epid chln.	18818		268				15
			30.5	33.5			Highly alt'd clin K feld >> epid/Chln Blubs & diss. py.	18819		208				15
			33.5	36.6			Med. alt'd clin Chln > K felds (sericite?) Tr sulphides.	18820		250				9
			36.6	39.6			Weak. med alt'd clin Chln > K felds No sulphides observed.	18821		351				6
			39.6	42.7			Weakly chloritized dk gray dk clin/ gabbro? Tr py.	18822		256				15
			42.7	45.7			Increasing alt' towards end of section Dark gray clin Chln > K felds. sericite? Massive blubs py.	18823		255				15

# DIAMOND DRILL RECORD

 PROPERTY LEMON LAKE

 HOLE No. LRC 92-6

 SHEET No. 3 of 4

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS					
		FROM	TO						AU	CU PPM	MAU	Other A	A.U. PPM	
		21.3	24.4			Weak. med alt/dior Epid/Chln > Kfelds. Tr diss pyr.		18816		210				15
		24.5	27.4			Weak. med alt/dior Kfelds/Chln > epid. Tr pyr.		18817		489				18
		27.4	30.5			Weak alt/dior to 29.5 Highly alt/d to 30.5 Kfelds >> epid chln.		18818		268				25
		30.5	33.5			Highly alt/dior Kfeld >> epid/chln Blebs & diss. pyr.		18819		208				25
		33.5	36.6			Med. alt/dior Chln > Kfelds (sericite?) Tr sulphides.		18820		250				9
		36.6	39.6			Weak. med alt/dior Chln > Kfelds No sulphides observed.		18821		351				6
		39.6	42.7			Weakly chloritized dk gray dk dior/gabbro? Tr pyr.		18822		256				15
		42.7	45.7			Increasing alt <sup>n</sup> towards end of section Dark gray dior Chln > Kfelds. sericite? Massive blebs pyr.		18823		255				15





# DIAMOND DRILL RECORD

 PROPERTY LEMON LAKE

 HOLE No. LRL 22-8

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

 Hole Size 4"  
 Angle of Hole VII  
 Claim.....  
 Section 44190E; 11725N  
 Bearing.....

 Total Depth 67.1m  
 % Recovery.....  
 Elev. Collar.....  
 Latitude.....  
 Departure.....

 Sheet No 1 of 3  
 Logged by J. Hill / J. S. Hutton  
 Date Begun 5/29/92  
 Date Finished 6/1/92  
 Core Stored At.....

TEXTURE, ALTER'N. MINERALIZATION, ETC.	GRAPH GEOL.	DESCRIPTION	INTERVAL (m)		REC. OVERY	EST. GRADE	Sample No.	ASSAYS		
			FROM	TO				Cu ppm	Au ppm	
		0-4m Overburden (Gravel/Pebbles)		3m			1881	252		
		whid bedrock 4-6.1m	4	6.1			1882	330		
		Dk gn. dia. minor alt. increasing at end of section Chls >> K felds.	6.1	9.1			18827	214		15
		Dk gn. dia/gabbro. Except at start of section - una. Hord. Pyrite on fractures (minor)	9.1	12.2			18830	238		8
		Dk gn. dia/gabbro. Minor alt. Epid. Chls at end of section Tr pyr.	12.2	15.2			18831	285		15
		Dk gn. dia/gabbro. Minor alt.	15.2	18.3			18832	216		8
		Dk gn. dia/gabbro. Minor alt. Pyrite on fracture	18.3	21.3			18833	461		6
		Dk gn. dia. Weak chlo/epid. Tr pyr.	21.3	24.4			18834	266		15
		Dk gn. dia. Weak chlo/epid. No sulfides observed.	24.4	27.4			18835	190		6

# DIAMOND DRILL RECORD

 PROPERTY LEMON LAKE

 HOLE No. LRC92-B

 SHEET No. 2 of 3

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.		INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
			FROM	TO						Au	Cu PPM	MAI	Other A	Pu PPM
			27.4	30.5			Dk gr/gray dia. Weak chlo/epid → K felds/epid/epid.	18836		244				25
			30.5	33.5			Weakly all'd dia. K felds → eblor.	18837		227				25
			33.5	36.6			Pense bk/en dia/gabbro. K felds at end of section.	18838		108				25
			36.6	39.6			Weakly all'd dia. increasing towards end. Epid/epid → K felds Blc bs pyr & epy.	18839		151				18
			39.6	42.7			Weak/mod all'd dia. K felds dom at end of run. Blc bs pyr (epy?)	18840		125				8
			42.7	45.7			Dk gr dia. Weak/mod all'd K felds → epid/chlo/corb. Tr pyr.	18841		166				10
			45.7	48.8			Dk gr/bk dia/gabbro. Weak all'd K felds → epid/chlor. Tr pyr.	18842		273				25
			48.8	51.8			Black gabbro - increasing chlor all'd towards end. Tr pyr (epy?)	18843		285				25
			51.8	54.9			Dia/gabbro. shlor all'd quite strong at end of run. Tr pyr/epid/K felds Blc bs pyr & epy.	18844		457				81

# DIAMOND DRILL RECORD

 PROPERTY LEMON LAKE

 HOLE No. LRL 92-8

 SHEET No. 3 of 3

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.		INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
			FROM	TO						Au	Cu ppm	MAu	Other A	A-1 ppb
			54.9	57.9			Med. alt/d clin Chlor at top with increasing K felds at base Top	18845		346				20
			57.9	61.0			Dk gn weak/mod alt/d clin Epid & K felds/Chlor/calc.	18846		282				8
			61.0	64.0			Fin as above intermittent sections K felds. Carb > Epid/Chlor. Blobs Cr & Pyr.	18847		333				15
			64.0	67.1			Dk gn clin Weak chlor alt > carb K felds.	18848		197				14
							67.1 END OF HOLE. Hole drilled wet.							









# DIAMOND DRILL RECORD

PROPERTY LEMON LAKE

HOLE No. LRL 92-10

SHEET No. 2 of 2

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOLOG.		INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
			FROM	TO						Al	Cu ppm	Mn	Other A	Pg ppb
			39.6	42.7			Med. highly alt'd dior Epid?	18839		59				8
							K-felds > chlor. F. micaceous blue mineral. Trace pyr.							
			42.7	45.7			Highly alt'd dior/monz? Epid/K-felds	18860		53				14
							> chlor/clay Ti/mineral (H <sub>2</sub> O) pyr.							
			45.7	48.8			Weak/mod alt'd dior Epid??	18861		127				15
							chlor/K-felds. Trace pyr							
			49.8	51.8			DK gn/gray mod alt'd dior. Epid	18862		115				10
							>> chlor/K-felds.							
			51.8	54.9			Weakly alt'd DK gn dior Epid??	18863		102				15
							Chln.							
							54.9. END OF HOLE							
							Drilled wet.							



# DIAMOND DRILL RECORD

PROPERTY LEMON LAKE

HOLE No. LRC 92-12

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size 4"  
 Angle of Hole VPRV  
 Claim.....  
 Section 32110E; 6775N  
 Bearing .....

Total Depth 27.4  
 % Recovery.....  
 Elev. Collar.....  
 Latitude.....  
 Departure.....

Sheet No 1 of 1  
 Logged by M. Schatten  
 Date Begun Oct 10/92  
 Date Finished OCT 10/92  
 Core Stored At .....

TEXTURE, ALTER'N. MINERALIZATION, ETC.	GRAPH GEOL.	DESCRIPTION	INTERVAL (m)		REC. OVERY	EST. GRADE	Sample No.	ASSAYS		
			FROM	TO						
		0 - ? Overburden (Bedrock not encountered)		3			112-1	Cy ppm		
		5 ft below typical glacial till.		6.1			112-2	115		
		Bldrs/pbbles mixed w/ clay		9.1			112-3	110		
		intrusive origin.		12.2			112-4	109		
				15.2			112-5	84		
				18.3			112-6	56		
				21.3			112-7	65		
				24.4			112-8	82		
				27.4			112-9	102		
		27.4 END OF HOLE - Abandoned due to artesian H <sub>2</sub> O. Believed near bedrock.						84.		

**APPENDIX III**  
**ANALYTICAL RESULTS**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V92-00861.0 ( COMPLETE )

DATE PRINTED: 12-AUG-92

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 LL L4+00E 0+00N		23	S1 LL L16+00E 0+00N		14
S1 LL L4+00E 1+00N		13	S1 LL L16+00E 2+00N		21
S1 LL L4+00E 4+00N		20	S1 LL L16+00E 3+00N		14
S1 LL L4+00E 5+00N		24	S1 LL L16+00E 4+00N		17
S1 LL L4+00E 6+00N		27	S1 LL L16+00E 5+00N		35
S1 LL L4+00E 8+00N		14	S1 LL L16+00E 7+00N		40
S1 LL L4+00E 9+00N		16	S1 LL L16+00E 8+00N		87
S1 LL L4+00E 10+00N		37	S1 LL L16+00E 9+00N		42
S1 LL L4+00E 11+00N		55	S1 LL L16+00E 10+00N		23
S1 LL L4+00E 12+00N		30	S1 LL L16+00E 11+00N		17
S1 LL L4+00E 13+00N		17	S1 LL L16+00E 12+00N		43
S1 LL L4+00E 14+00N		26	S1 LL L16+00E 13+00N		66
S1 LL L4+00E 15+00N		35	S1 LL L16+00E 14+00N		16
S1 LL L8+00E 0+00N		11	S1 LL L16+00E 16+00N		15
S1 LL L8+00E 2+00N		19	S1 LL L20+00E 0+00N		19
S1 LL L8+00E 3+00N		22	S1 LL L20+00E 0+50H		72
S1 LL L8+00E 4+00N		25	S1 LL L20+00E 1+00N		310
S1 LL L8+00E 8+00N		35	S1 LL L20+00E 1+50H		25
S1 LL L8+00E 9+00N		22	S1 LL L20+00E 2+00H		32
S1 LL L8+00E 11+00N		77	S1 LL L20+00E 2+50H		108
S1 LL L8+00E 12+00N		90	S1 LL L20+00E 3+00H		12
S1 LL L8+00E 13+00N		31	S1 LL L20+00E 3+50H		13
S1 LL L8+00E 14+00N		30	S1 LL L20+00E 4+00H		16
S1 LL L8+00E 15+00N		64	S1 LL L20+00E 4+50H		27
S1 LL L12+00E 0+00N		10	S1 LL L20+00E 5+00H		22
S1 LL L12+00E 1+00N		15	S1 LL L20+00E 5+50H		17
S1 LL L12+00E 2+00N		11	S1 LL L20+00E 6+00H		46
S1 LL L12+00E 3+00N		14	S1 LL L20+00E 6+50H		113
S1 LL L12+00E 4+00N		18	S1 LL L20+00E 7+00H		88
S1 LL L12+00E 5+00N		29	S1 LL L20+00E 7+50H		51
S1 LL L12+00E 6+00N		18	S1 LL L20+00E 8+00H		24
S1 LL L12+00E 7+00N		56	S1 LL L20+00E 8+50H		18
S1 LL L12+00E 8+00N		48	S1 LL L20+00E 9+00H		44
S1 LL L12+00E 9+00N		43	S1 LL L20+00E 9+50H		27
S1 LL L12+00E 10+00N		63	S1 LL L20+00E 10+00H		29
S1 LL L12+00E 11+00N		35	S1 LL L20+00E 11+50H		43
S1 LL L12+00E 12+00N		52	S1 LL L20+00E 12+00H		44
S1 LL L12+00E 13+00N		18	S1 LL L20+00E 12+50H		30
S1 LL L12+00E 14+00N		48	S1 LL L20+00E 13+00H		16
S1 LL L12+00E 15+00N		30	S1 LL L20+00E 13+50H		44



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PROJECT: NONE GIVEN

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 LL L20+00E 14+00N		65	S1 LL L24+00E 5+50N		38
S1 LL L20+00E 14+50N		18	S1 LL L24+00E 6+00N		52
S1 LL L20+00E 15+00N		16	S1 LL L24+00E 6+50N		46
S1 LL L22+00E 0+00N		6	S1 LL L24+00E 7+00N		52
S1 LL L22+00E 0+50N		11	S1 LL L24+00E 7+50N		30
S1 LL L22+00E 1+00N		13	S1 LL L24+00E 8+00N		37
S1 LL L22+00E 1+50N		80	S1 LL L24+00E 8+50N		54
S1 LL L22+00E 2+00N		47	S1 LL L24+00E 9+00N		51
S1 LL L22+00E 2+50N		15	S1 LL L24+00E 9+50N		38
S1 LL L22+00E 3+00N		15	S1 LL L24+00E 10+00N		32
S1 LL L22+00E 3+50N		15	S1 LL L24+00E 10+50N		31
S1 LL L22+00E 4+00N		29	S1 LL L24+00E 11+00N		239
S1 LL L22+00E 4+50N		39	S1 LL L24+00E 11+50N		23
S1 LL L22+00E 5+00N		37	S1 LL L24+00E 12+00N		24
S1 LL L22+00E 5+50N		45	S1 LL L24+00E 12+50N		14
S1 LL L22+00E 6+00N		62	S1 LL L24+00E 13+00N		32
S1 LL L22+00E 6+50N		62	S1 LL L24+00E 13+50N		20
S1 LL L22+00E 7+00N		65	S1 LL L24+00E 14+00N		77
S1 LL L22+00E 7+50N		45	S1 LL L24+00E 14+50N		29
S1 LL L22+00E 8+00N		37	S1 LL L24+00E 15+00N		9
S1 LL L22+00E 8+50N		45			
S1 LL L22+00E 9+00N		102			
S1 LL L22+00E 9+50N		51			
S1 LL L22+00E 10+00N		70			
S1 LL L22+00E 10+50N		32			
S1 LL L22+00E 11+00N		53			
S1 LL L22+00E 11+50N		40			
S1 LL L22+00E 12+00N		66			
S1 LL L22+00E 12+50N		21			
S1 LL L22+00E 14+50N		24			
S1 LL L22+00E 15+00N		16			
S1 LL L24+00E 0+00N		7			
S1 LL L24+00E 0+50N		12			
S1 LL L24+00E 1+00N		20			
S1 LL L24+00E 1+50N		17			
S1 LL L24+00E 2+00N		23			
S1 LL L24+00E 2+50N		74			
S1 LL L24+00E 3+50N		33			
S1 LL L24+00E 4+00N		47			
S1 LL L24+00E 4+50N		56			

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PROJECT: NONE GIVEN

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 LL L26+00E 0+00N		14	S1 LL L28+00E 11+50N		34
S1 LL L26+00E 0+50N		15	S1 LL L28+00E 12+00N		68
S1 LL L26+00E 1+00N		12	S1 LL L28+00E 12+50N		28
S1 LL L26+00E 1+50N		16	S1 LL L28+00E 13+00N		15
S1 LL L26+00E 2+00N		15	S1 LL L28+00E 13+50N		49
S1 LL L26+00E 2+50N		14	S1 LL L28+00E 14+00N		39
S1 LL L26+00E 4+00N		22	S1 LL L28+00E 14+50N		12
S1 LL L26+00E 5+00N		118	S1 LL L28+00E 15+00N		34
S1 LL L26+00E 6+00N		112	S1 LL L29+75E 4+50N		25
S1 LL L26+00E 6+50N		65	S1 LL L29+75E 5+00N		19
S1 LL L26+00E 7+00N		44	S1 LL L29+75E 5+50N		19
S1 LL L26+00E 7+50N		46	S1 LL L29+75E 6+00N		44
S1 LL L26+00E 8+00N		37	S1 LL L29+75E 6+50N		110
S1 LL L26+00E 8+50N		32	S1 LL L29+75E 7+50N		61
S1 LL L26+00E 9+00N		30	S1 LL L29+75E 8+00N		43
S1 LL L26+00E 9+50N		30	S1 LL L29+75E 8+50N		31
S1 LL L26+00E 11+50N		12	S1 LL L29+75E 9+00N		20
S1 LL L26+00E 12+00N		18	S1 LL L29+75E 9+50N		30
S1 LL L26+00E 12+50N		41	S1 LL L29+75E 10+00N		95
S1 LL L26+00E 13+00N		38	S1 LL L29+75E 10+50N		17
S1 LL L26+00E 13+50N		36	S1 LL L29+75E 11+00N		18
S1 LL L26+00E 14+00N		32	S1 LL L29+75E 11+50N		43
S1 LL L26+00E 14+50N		18	S1 LL L29+75E 12+00N		21
S1 LL L26+00E 15+00N		24	S1 LL L29+75E 12+50N		20
S1 LL L28+00E 3+55N		30	S1 LL L29+75E 13+00N		19
S1 LL L28+00E 4+00N		26	S1 LL L29+75E 13+50N		64
S1 LL L28+00E 4+50N		49	S1 LL L29+75E 14+00N		47
S1 LL L28+00E 5+00N		33	S1 LL L29+75E 14+50N		12
S1 LL L28+00E 5+50N		53	S1 LL L29+75E 15+00N		23
S1 LL L28+00E 6+00N		128	S1 LL L30+00E 0+00N		22
S1 LL L28+00E 6+50N		139	S1 LL L30+00E 1+50N		9
S1 LL L28+00E 7+00N		96	S1 LL L30+00E 3+00N		14
S1 LL L28+00E 7+50N		34	S1 LL L32+00E 0+00N		17
S1 LL L28+00E 8+00N		28	S1 LL L32+00E 0+50N		115
S1 LL L28+00E 8+50N		38	S1 LL L32+00E 1+00N		41
S1 LL L28+00E 9+00N		31	S1 LL L32+00E 1+50N		16
S1 LL L28+00E 9+50N		29	S1 LL L32+00E 2+50N		14
S1 LL L28+00E 10+00N		23	S1 LL L32+00E 3+00N		32
S1 LL L28+00E 10+50N		24	S1 LL L32+00E 3+50N		22
S1 LL L28+00E 11+00N		40	S1 LL L32+00E 4+00N		16

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PROJECT: NONE GIVEN

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 LL L32+00E 5+00N		19	S1 LL L34+00E 10+00N		30
S1 LL L32+00E 5+50N		28	S1 LL L34+00E 10+50N		32
S1 LL L32+00E 6+00N		30	S1 LL L34+00E 11+00N		27
S1 LL L32+00E 6+50N		234	S1 LL L34+00E 11+50N		22
S1 LL L32+00E 7+00N		191	S1 LL L34+00E 12+00N		31
S1 LL L32+00E 7+50N		79	S1 LL L34+00E 12+50N		18
S1 LL L32+00E 8+00N		37	S1 LL L34+00E 13+00N		22
S1 LL L32+00E 8+50N		40	S1 LL L34+00E 13+50N		28
S1 LL L32+00E 9+00N		41	S1 LL L34+00E 14+00N		33
S1 LL L32+00E 9+50N		34	S1 LL L34+00E 15+00N		19
S1 LL L32+00E 10+00N		19	S1 LL L36+00E 0+00N		16
S1 LL L32+00E 10+50N		17	S1 LL L36+00E 0+50N		50
S1 LL L32+00E 11+00N		31	S1 LL L36+00E 1+00N		19
S1 LL L32+00E 11+50N		15	S1 LL L36+00E 1+50N		14
S1 LL L32+00E 12+00N		14	S1 LL L36+00E 2+00N		22
S1 LL L32+00E 12+50N		41	S1 LL L36+00E 4+00N		17
S1 LL L32+00E 13+00N		35	S1 LL L36+00E 4+50N		10
S1 LL L32+00E 13+50N		19	S1 LL L36+00E 5+00N		15
S1 LL L32+00E 14+00N		20	S1 LL L36+00E 5+50N		31
S1 LL L32+00E 14+50N		67	S1 LL L36+00E 6+00N		55
S1 LL L32+00E 15+00N		25	S1 LL L36+00E 6+50N		32
S1 LL L34+00E 0+00N		26	S1 LL L36+00E 7+00N		54
S1 LL L34+00E 0+50N		17	S1 LL L36+00E 7+50N		90
S1 LL L34+00E 1+00N		18	S1 LL L36+00E 8+00N		33
S1 LL L34+00E 1+50N		19	S1 LL L36+00E 8+50N		50
S1 LL L34+00E 2+50N		97	S1 LL L36+00E 9+00N		45
S1 LL L34+00E 3+00N		23	S1 LL L36+00E 9+50N		44
S1 LL L34+00E 3+50N		29	S1 LL L36+00E 10+00N		51
S1 LL L34+00E 4+00N		24	S1 LL L36+00E 10+50N		21
S1 LL L34+00E 4+50N		23	S1 LL L36+00E 11+00N		44
S1 LL L34+00E 5+00N		13	S1 LL L36+00E 11+50N		15
S1 LL L34+00E 5+50N		31	S1 LL L36+00E 12+00N		13
S1 LL L34+00E 6+00N		32	S1 LL L36+00E 12+50N		25
S1 LL L34+00E 6+50N		213	S1 LL L36+00E 13+00N		30
S1 LL L34+00E 7+00N		147	S1 LL L36+00E 13+50N		33
S1 LL L34+00E 7+50N		58	S1 LL L38+00E 14+00N		23
S1 LL L34+00E 8+00N		50	S1 LL L38+00E 0+00N		15
S1 LL L34+00E 8+50N		46	S1 LL L38+00E 0+50N		23
S1 LL L34+00E 9+00N		63	S1 LL L38+00E 4+50N		32
S1 LL L34+00E 9+50N		49	S1 LL L38+00E 5+00N		16

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PROJECT: NONE GIVEN

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
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S1 LL L38+00E 5+50N	24
S1 LL L38+00E 6+00N	32
S1 LL L38+00E 6+50N	33
S1 LL L38+00E 7+00N	39
S1 LL L38+00E 7+50N	31

S1 LL L40+00E 13+50N	32
S1 LL L40+00E 14+00N	60
S1 LL L40+00E 14+50N	122
S1 LL L40+00E 15+00N	41

S1 LL L38+00E 8+00N	20
S1 LL L38+00E 8+50N	27
S1 LL L38+00E 9+00N	26
S1 LL L38+00E 9+50N	30
S1 LL L38+00E 10+00N	56

S1 LL L38+00E 10+50N	149
S1 LL L38+00E 11+00N	29
S1 LL L38+00E 11+50N	41
S1 LL L38+00E 12+00N	25
S1 LL L38+00E 12+50N	42

S1 LL L38+00E 13+00N	25
S1 LL L40+00E 0+00N	73
S1 LL L40+00E 0+50N	80
S1 LL L40+00E 1+00N	39
S1 LL L40+00E 1+50N	78

S1 LL L40+00E 3+00N	57
S1 LL L40+00E 3+50N	54
S1 LL L40+00E 4+50N	15
S1 LL L40+00E 5+00N	14
S1 LL L40+00E 5+50N	21

S1 LL L40+00E 6+00N	35
S1 LL L40+00E 6+50N	23
S1 LL L40+00E 7+00N	31
S1 LL L40+00E 7+50N	42
S1 LL L40+00E 8+00N	22

S1 LL L40+00E 8+50N	19
S1 LL L40+00E 9+00N	43
S1 LL L40+00E 9+50N	26
S1 LL L40+00E 10+00N	36
S1 LL L40+00E 10+50N	14

S1 LL L40+00E 11+00N	25
S1 LL L40+00E 11+50N	30
S1 LL L40+00E 12+00N	247
S1 LL L40+00E 12+50N	56
S1 LL L40+00E 13+00N	45

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PROJECT: NONE GIVEN

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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 LL L42+00E 0+50S		18	S1 LL L44+00E 4+00N		31
S1 LL L42+00E 0+00N		41	S1 LL L44+00E 4+00N A		24
S1 LL L42+00E 0+50N		36	S1 LL L44+00E 4+50N		28
S1 LL L42+00E 1+00N		72	S1 LL L44+00E 4+50N A		28
S1 LL L42+00E 1+50N		29	S1 LL L44+00E 5+00N		69
S1 LL L42+00E 2+00N		36	S1 LL L44+00E 5+50N		31
S1 LL L42+00E 2+50N		40	S1 LL L44+00E 6+00N		46
S1 LL L42+00E 3+00N		67	S1 LL L44+00E 6+50N		15
S1 LL L42+00E 3+50N		52	S1 LL L44+00E 7+00N		50
S1 LL L42+00E 4+00N		27	S1 LL L44+00E 7+50N		30
S1 LL L42+00E 4+50N		49	S1 LL L44+00E 8+50N		23
S1 LL L42+00E 5+00N		31	S1 LL L44+00E 9+00N		21
S1 LL L42+00E 5+50N		44	S1 LL L44+00E 9+50N		28
S1 LL L42+00E 6+00N		48	S1 LL L44+00E 10+00N		34
S1 LL L42+00E 6+50N		26	S1 LL L44+00E 11+00N		40
S1 LL L42+00E 7+00N		44	S1 LL L44+00E 11+50N		50
S1 LL L42+00E 7+50N		38	S1 LL L44+00E 12+00N		143
S1 LL L42+00E 8+00N		36	S1 LL L44+00E 12+50N		445
S1 LL L42+00E 8+50N		63	S1 LL L44+00E 13+00N		307
S1 LL L42+00E 9+00N		67	S1 LL L44+00E 13+50N		62
S1 LL L42+00E 9+50N		50	S1 LL L44+00E 14+00N		139
S1 LL L42+00E 10+00N		44	S1 LL L44+00E 15+00N		195
S1 LL L42+00E 10+50N		22	S1 LL L46+00E 0+50S		27
S1 LL L42+00E 11+00N		23	S1 LL L46+00E 1+00S		30
S1 LL L42+00E 11+50N		41	S1 LL L46+00E 0+00N		27
S1 LL L42+00E 12+00N		54	S1 LL L46+00E 0+40N		42
S1 LL L42+00E 12+50N		47	S1 LL L46+00E 1+00N		33
S1 LL L42+00E 13+00N		53	S1 LL L46+00E 1+30N		15
S1 LL L42+00E 13+50N		96	S1 LL L46+00E 2+00N		28
S1 LL L42+00E 14+00N		25	S1 LL L46+00E 2+50N		19
S1 LL L42+00E 14+50N		95	S1 LL L46+00E 3+00N		35
S1 LL L42+00E 15+00N		52	S1 LL L46+00E 3+50N		75
S1 LL L44+00E 0+00N		75	S1 LL L46+00E 4+00N		46
S1 LL L44+00E 0+50N		26	S1 LL L46+00E 5+00N		34
S1 LL L44+00E 1+00N		27	S1 LL L46+00E 5+50N		12
S1 LL L44+00E 1+50N		21	S1 LL L46+00E 6+00N		159
S1 LL L44+00E 2+00N		31	S1 LL L46+00E 6+50N		25
S1 LL L44+00E 2+50N		29	S1 LL L46+00E 7+50N		17
S1 LL L44+00E 3+00N		45	S1 LL L46+00E 8+00N		28
S1 LL L44+00E 3+50N		32	S1 LL L46+00E 3+50N		22



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SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 LL L46+00E 9+00N		23	S1 LL L48+00E 13+00N		81
S1 LL L46+00E 10+00N		21	S1 LL L48+00E 14+00N		98
S1 LL L46+00E 10+50N		22	S1 LL L48+00E 14+50N		35
S1 LL L46+00E 11+00N		53	S1 LL L48+00E 15+00N		50
S1 LL L46+00E 11+50N		162	S1 LL L50+00E 0+00N		109
S1 LL L46+00E 12+00N		72	S1 LL L50+00E 0+50N		91
S1 LL L46+00E 12+50N		34	S1 LL L50+00E 1+00N		64
S1 LL L46+00E 13+00N		50	S1 LL L50+00E 2+50N		26
S1 LL L46+00E 13+50N		39	S1 LL L50+00E 3+00N		27
S1 LL L46+00E 14+00N		60	S1 LL L50+00E 3+50N		21
S1 LL L46+00E 14+50N		290	S1 LL L50+00E 4+50N		30
S1 LL L46+00E 15+00N		58	S1 LL L50+00E 5+00N		27
S1 LL L48+00E 0+00N		21	S1 LL L50+00E 5+50N		32
S1 LL L48+00E 0+50N		14	S1 LL L50+00E 6+00N		38
S1 LL L48+00E 1+00N		14	S1 LL L50+00E 6+50N		23
S1 LL L48+00E 1+50N		30	S1 LL L50+00E 7+00N		24
S1 LL L48+00E 2+00N		35	S1 LL L50+00E 7+50N		29
S1 LL L48+00E 2+50N		45	S1 LL L50+00E 8+00N		24
S1 LL L48+00E 3+00N		34	S1 LL L50+00E 8+50N		23
S1 LL L48+00E 3+50N		26	S1 LL L50+00E 9+00N		50
S1 LL L48+00E 4+00N		32	S1 LL L50+00E 9+50N		129
S1 LL L48+00E 5+00N A		28	S1 LL L50+00E 10+00N		83
S1 LL L48+00E 5+00N B		25	S1 LL L50+00E 10+50N		33
S1 LL L48+00E 5+50N A		59	S1 LL L50+00E 11+00N		100
S1 LL L48+00E 5+50N B		20	S1 LL L50+00E 11+50N		71
S1 LL L48+00E 6+00N A		17	S1 LL L50+00E 12+00N		77
S1 LL L48+00E 6+00N B		121	S1 LL L50+00E 12+50N		31
S1 LL L48+00E 6+50N A		28	S1 LL L50+00E 13+00N		38
S1 LL L48+00E 6+50N B		106	S1 LL L50+00E 13+50N		63
S1 LL L48+00E 7+00N		58	S1 LL L50+00E 14+00N		138
S1 LL L48+00E 7+50N		31	S1 LL L50+00E 14+50N		31
S1 LL L48+00E 8+00N		27	S1 LL L50+00E 15+00N		38
S1 LL L48+00E 8+50N		18	S1 VL 8L0+00E 1+00N		89
S1 LL L48+00E 9+00N		27	S1 VL 8L0+00E 2+00N		34
S1 LL L48+00E 9+50N		27	S1 VL 8L0+00E 3+00N		38
S1 LL L48+00E 10+00N		66	S1 VL 8L0+00E 4+00N		52
S1 LL L48+00E 10+50N		117	S1 VL 8L0+00E 5+00N		40
S1 LL L48+00E 11+50N		109	S1 VL 8L0+00E 6+00N		32
S1 LL L48+00E 12+00N		91	S1 VL 8L0+00E 7+00N		39
S1 LL L48+00E 12+50N		76	S1 VL 8L0+00E 8+00N		45

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REPORT: V92-01019.0 ( COMPLETE )

PROJECT: NONE GIVEN

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM
S1 8K L20+00E 12+00N			125	S1 LL L39+00E 13+00N			48
S1 8K L20+00E 13+00N			115	S1 LL L41+00E 11+00N			35
S1 8K L20+00E 14+00N			70	S1 LL L41+00E 11+50N			73
S1 8K L20+00E 15+00N			67	S1 LL L41+00E 12+00N			47
S1 8K L20+00E 16+00N			263	S1 LL L41+00E 12+50N			38
S1 LL L31+00E 5+50N			63	S1 LL L41+00E 13+00N			70
S1 LL L31+00E 6+00N			57	S1 LL L41+00E 13+50N			55
S1 LL L31+00E 6+50N			90	S1 LL L41+00E 14+00N			37
S1 LL L31+00E 7+00N			201	S1 LL L41+00E 14+50N			133
S1 LL L31+00E 7+50N			22	S1 LL L41+00E 15+00N			104
S1 LL L31+00E 8+00N			39	S1 LL L43+00E 11+00N			125
S1 LL L33+00E 6+00N			130	S1 LL L43+00E 11+50N			108
S1 LL L33+00E 6+50N			185	S1 LL L43+00E 12+50N			185
S1 LL L33+00E 7+00N			90	S1 LL L43+00E 13+00N			68
S1 LL L33+00E 7+50N			100	S1 LL L43+00E 13+50N			59
S1 LL L33+00E 8+00N			78	S1 LL L43+00E 14+00N			71
S1 LL L33+00E 8+50N			74	S1 LL L43+00E 14+50N			122
S1 LL L33+00E 9+00N			50	S1 LL L43+00E 15+00N			144
S1 LL L35+00E 6+00N			65	S1 LL L45+00E 11+00N			32
S1 LL L35+00E 6+50N			75	S1 LL L45+00E 12+50N			448
S1 LL L35+00E 7+00N			116	S1 LL L45+00E 13+00N			62
S1 LL L35+00E 7+50N			84	S1 LL L45+00E 13+50N			91
S1 LL L35+00E 8+00N			67	S1 LL L45+00E 14+00N			91
S1 LL L35+00E 8+50N			53	S1 LL L45+00E 14+50N			50
S1 LL L35+00E 9+00N			51	S1 LL L45+00E 15+00N			101
S1 LL L35+00E 9+50N			31	R2 8K92 01		<5	184
S1 LL L35+00E 10+00N			29	R2 8K92 02		<5	119
S1 LL L37+00E 8+00N			151	R2 8K92 03		<5	130
S1 LL L37+00E 8+50N			168	R2 T92 01		<5	111
S1 LL L37+00E 9+00N			87	R2 T92 02		<5	29
S1 LL L37+00E 9+50N			52	R2 T92 03		14	120
S1 LL L37+00E 10+00N			39	R2 T92 04		<5	214
S1 LL L37+00E 10+50N			18				
S1 LL L37+00E 11+00N			20				
S1 LL L39+00E 10+00N			52				
S1 LL L39+00E 10+50N			60				
S1 LL L39+00E 11+00N			38				
S1 LL L39+00E 11+50N			35				
S1 LL L39+00E 12+00N			44				
S1 LL L39+00E 12+50N			129				

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PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 H1-1		287	S1 L46N 27+00E		161
S1 H1-2		228	S1 L46N 27+50E		51
S1 H2-1		158	S1 L46N 28+00E		55
S1 H2-2		210	S1 L46N 28+50E		101
S1 H2-3		167	S1 L46N 29+00E		65
S1 L11-1		104	S1 L48N 24+50E		106
S1 L11-2		73	S1 L48N 25+50E		94
S1 L11-3		71	S1 L48N 26+50E		27
S1 L11-4		65	S1 L48N 27+50E		117
S1 L11-5		73	S1 L50N 24+00E		142
S1 L11-6		62	S1 L50N 24+50E		105
S1 L11-7		137	S1 L50N 25+00E		272
S1 L11-8		134	S1 L50N 25+50E		90
S1 L11-9		88	S1 L50N 26+00E		25
S1 L11-10		37	S1 L50N 26+50E		75
S1 L12-1		115	S1 L50N 27+00E		30
S1 L12-2		110	S1 L50N 27+50E		145
S1 L12-3		109	R2 18864		50
S1 L12-4		84	R2 18865		339
S1 L12-5		56	R2 18866		228
S1 L12-6		65	R2 18867		207
S1 L12-7		82	R2 18868		228
S1 L12-8		102	R2 18869		219
S1 L12-9		84	R2 18870		208
S1 L40N 29+50E		33	R2 18871		195
S1 L40N 30+50E		52	R2 18872		183
S1 L40N 31+00E		66	R2 18873		201
S1 L40N 31+50E		43	R2 18874		183
S1 L42N 27+50E		39	R2 18875		208
S1 L42N 28+00E		39	R2 18876		205
S1 L42N 28+50E		19	R2 18877		164
S1 L42N 29+00E		123	R2 18878		183
S1 L42N 29+50E		47	R2 18879		191
S1 L42N 30+00E		122	R2 18880		153
S1 L42N 30+30E		262	R2 18881		190
S1 L44N 27+50E		62	R2 18882		194
S1 L46N 25+00E		66	R2 18883		208
S1 L46N 25+50E		89	R2 18884		287
S1 L46N 26+00E		77	R2 18885		187
S1 L46N 26+50E		42	R2 18886		260



A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

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PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM
S1 L1-1			96	R2 18528		45	464
S1 L1-2			90	R2 18529		169	489
S1 L1-3			222	R2 18530		586	1125
S1 L1-4			109	R2 18531		960	4062
S1 L1-5			198	R2 18532		44	255
S1 L1-6			132				
S1 L1-7			339				
S1 L2-1			190				
S1 L2-2			493				
S1 L2-3			200				
S1 L2-4			127				
S1 L3-1			60				
S1 L3-2			124				
R2 18501		6	276				
R2 18502		<5	191				
R2 18503		7	222				
R2 18504		<5	95				
R2 18505		<5	144				
R2 18506		<5	190				
R2 18507		<5	219				
R2 18508		10	188				
R2 18509		<5	232				
R2 18510		<5	228				
R2 18511		<5	330				
R2 18512		<5	379				
R2 18513		<5	160				
R2 18514		<5	279				
R2 18515		7	313				
R2 18516		6	191				
R2 18517		<5	153				
R2 18518		<5	121				
R2 18519		8	269				
R2 18520		27	171				
R2 18521		10	136				
R2 18522		<5	181				
R2 18523		18	256				
R2 18524		20	110				
R2 18525		51	155				
R2 18526		32	211				
R2 18527		87	635				

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PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM
S2 L8-1			252	R2 18844		81	457
S2 L8-2			330	R2 18845		20	246
S1 L9-1			77	R2 18846		8	282
S1 L9-2			85	R2 18847		<5	333
S1 L9-3			78	R2 18848		14	197
S1 L9-4			72	R2 18849		<5	16
S1 L9-5			83	R2 18850		<5	26
S1 L9-6			92	R2 18851		<5	43
S1 L9-7			102	R2 18852		<5	18
S1 L9-8			103	R2 18853		<5	17
S1 L9-9			101	R2 18854		<5	13
S1 L9-10			106	R2 18855		10	15
S1 L10-1			88	R2 18856		42	150
S1 L10-2			68	R2 18857		18	199
S1 L10-3			72	R2 18858		<5	153
S1 L10-4			104	R2 18859		8	54
S1 L10-5			92	R2 18860		14	55
S1 L10-6			118	R2 18861		<5	127
S1 L10-7			86	R2 18862		10	115
S1 L10-8			72	R2 18863		<5	102
S1 L10-9			82				
S1 L10-10			70				
R2 H92-12		<5	47				
R2 H92-13		<5	50				
R2 H92-14		<5	64				
R2 18829		<5	214				
R2 18830		8	238				
R2 18831		<5	285				
R2 18832		8	216				
R2 18833		6	461				
R2 18834		<5	260				
R2 18835		6	190				
R2 18836		<5	244				
R2 18837		<5	207				
R2 18838		<5	108				
R2 18839		18	151				
R2 18840		8	125				
R2 18841		10	166				
R2 18842		<5	273				
R2 18843		<5	285				

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PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM
S1 L4-1			440	Q2 18813		54	548
S1 L4-2			170	Q2 18814		47	464
S1 L4-3			288	Q2 18815		<5	210
S1 L4-4			281	Q2 18816		6	309
S1 L5-1			294	Q2 18817		18	489
S1 L5-2			181	Q2 18818		<5	268
S1 L6-1			523	Q2 18819		<5	205
S1 L6-2			306	Q2 18820		9	250
S1 L7-1			231	Q2 18821		6	351
S1 L7-2			309	Q2 18822		<5	256
Q2 18533		<5	427	Q2 18823		15	255
Q2 18534		95	716	Q2 18824		7	258
Q2 18535		11	234	Q2 18825		7	284
Q2 18536		13	325	Q2 18826		18	332
Q2 18537		28	377	Q2 18827		18	332
Q2 18538		7	243	Q2 18828		25	304
Q2 18539		10	305				
Q2 18540		6	207				
Q2 18541		<5	253				
Q2 18542		32	342				
Q2 18543		14	302				
Q2 18544		19	184				
Q2 18545		10	403				
Q2 18546		<5	233				
Q2 18547		13	260				
Q2 18548		7	211				
Q2 18549		11	347				
Q2 18550		<5	389				
Q2 18801		8	453				
Q2 18802		14	432				
Q2 18803		7	386				
Q2 18804		40	399				
Q2 18805		40	461				
Q2 18806		64	391				
Q2 18807		14	89				
Q2 18808		24	272				
Q2 18809		11	214				
Q2 18810		34	271				
Q2 18811		15	147				
Q2 18812		12	113				

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PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM
S1 H1-1		287	S1 L46N 27+00E		161
S1 H1-2		228	S1 L46N 27+50E		51
S1 H2-1		158	S1 L46N 28+00E		55
S1 H2-2		210	S1 L46N 28+50E		101
S1 H2-3		167	S1 L46N 29+00E		65
S1 L11-1		104	S1 L48N 24+50E		106
S1 L11-2		73	S1 L48N 25+50E		94
S1 L11-3		71	S1 L48N 26+50E		27
S1 L11-4		65	S1 L48N 27+50E		117
S1 L11-5		73	S1 L50N 24+00E		142
S1 L11-6		62	S1 L50N 24+50E		105
S1 L11-7		137	S1 L50N 25+00E		272
S1 L11-8		134	S1 L50N 25+50E		90
S1 L11-9		88	S1 L50N 26+00E		25
S1 L11-10		37	S1 L50N 26+50E		75
S1 L12-1		115	S1 L50N 27+00E		30
S1 L12-2		110	S1 L50N 27+50E		145
S1 L12-3		109	R2 18864		50
S1 L12-4		84	R2 18865		339
S1 L12-5		56	R2 18866		228
S1 L12-6		65	R2 18867		207
S1 L12-7		82	R2 18868		228
S1 L12-8		102	R2 18869		219
S1 L12-9		84	R2 18870		208
S1 L40N 29+50E		33	R2 18871		195
S1 L40N 30+50E		52	R2 18872		183
S1 L40N 31+00E		66	R2 18873		201
S1 L40N 31+50E		43	R2 18874		183
S1 L42N 27+50E		39	R2 18875		208
S1 L42N 28+00E		39	R2 18876		205
S1 L42N 28+50E		19	R2 18877		164
S1 L42N 29+00E		123	R2 18878		183
S1 L42N 29+50E		47	R2 18879		191
S1 L42N 30+00E		122	R2 18880		153
S1 L42N 30+30E		262	R2 18881		190
S1 L44N 27+50E		62	R2 18882		194
S1 L46N 25+00E		66	R2 18883		208
S1 L46N 25+50E		89	R2 18884		287
S1 L46N 26+00E		77	R2 18885		187
S1 L46N 26+50E		42	R2 18886		260

**APPENDIX IV**  
**ANALYTICAL PROCEDURES**

## GEOCHEMICAL ANALYSIS FOR GOLD

### ***Fire Assay Preconcentration finished by Atomic Absorption Spectroscopy***

The fire assay preconcentration consists of a standard litharge fusion followed by cupellation of the lead button to obtain the precious metals concentrated into a tiny (about 3 mg) silver prill. Bondar-Clegg has adopted this technique as our primary method for the preconcentration of gold and other precious metals because of its proven track record and sensitivity. The silver prill is dissolved in aqua regia and the diluted solution is then aspirated into the AAS flame for measurement of the gold concentration.

## GEOCHEMICAL ANALYSIS FOR Cu

Copper is analyzed routinely by Atomic Absorption Spectroscopy (AAS) following the dissolution of the sample with aqua regia. AAS is an instrumental method of analysis in which a sample that has been put into an aqueous solution is aspirated into the flame of the instrument for measurement of the concentration of the element(s) of interest. A light source emits light at the wave length of the element to be measured in a beam that passes through the flame. The atoms of the element in the flame absorb the light in proportion to the concentration of the element in the sample solution. This absorption is compared to those measured when a series of standard solutions has been aspirated in order to estimate the concentration of the element in the sample solution



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 100 Pemberton Ave.  
 North Vancouver, B.C.  
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## PROCEDURE FOR ASSAY AND ANALYSIS

### FIRE ASSAY PROCEDURE:

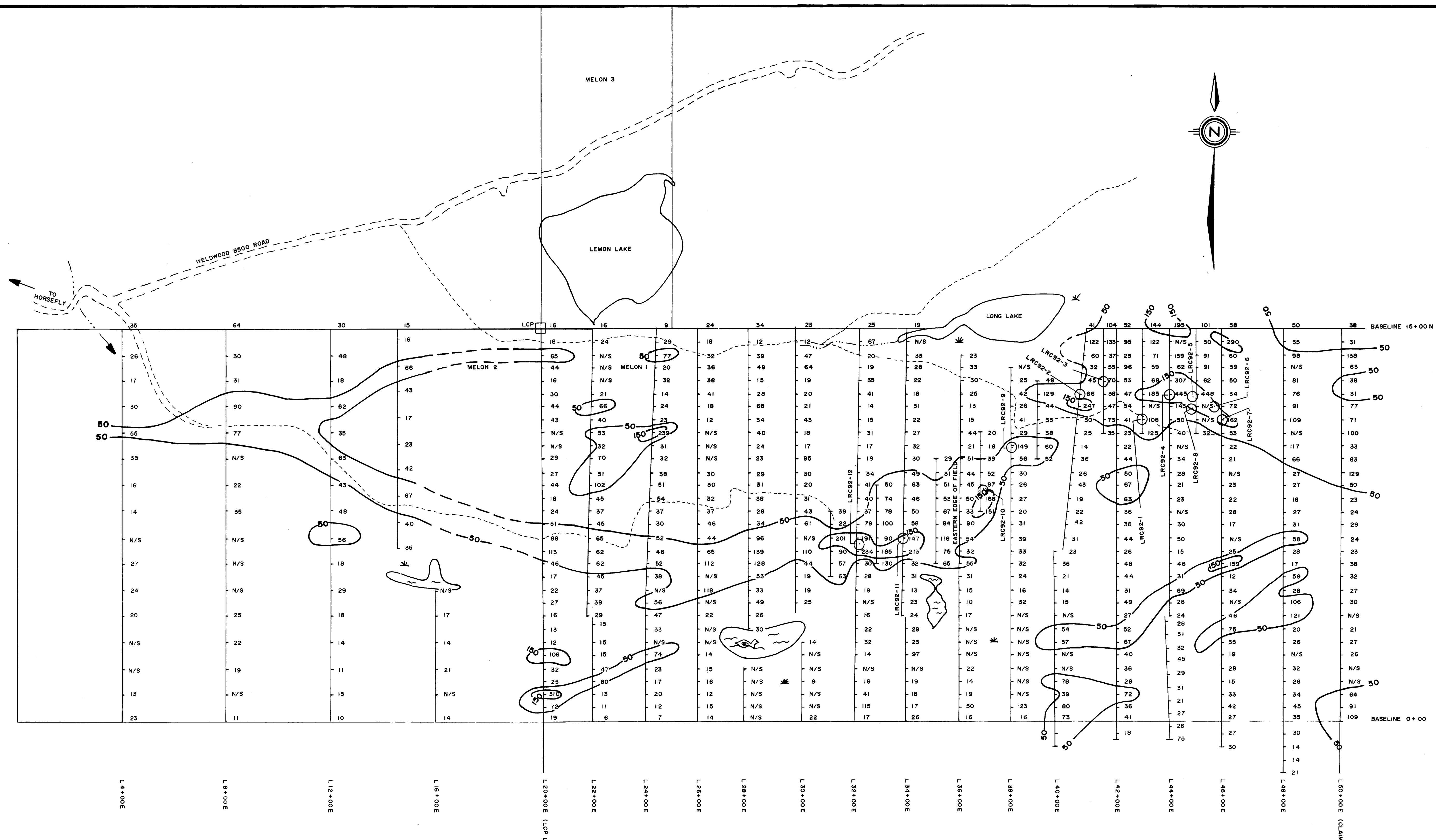
A prepared sample of one assay ton (29.166 grams) is mixed with a flux which is composed mainly of lead oxide. The proportions of the flux components (the litharge, soda, silica, borax glass, and flour) are adjusted depending upon the nature of the sample. Silver is added to help collect the gold. The samples are fused at 1950 F until a clear melt is obtained. The 30-40 gram lead button that is produced contains the precious metals. It is then separated from the slag. Heating in the cupellation furnace separates the lead from the noble metals. The precious metal beads that are produced are transferred to test tubes and dissolved with aqua-regia. This solution is analyzed using Atomic Absorption by comparing the absorbance of these solutions with that of standard solutions. In the case of high grade samples, greater than 0.200 OPT, the precious metal bead is parted in dilute HNO<sub>3</sub> acid to dissolve the silver and the remaining gold is weighed.

### COMMENTS:

As part of our routine quality control we run a duplicate analysis for 2 out of each batch of 24 as well as a standard. These total about 12% of the samples. Also, all samples which are over 0.30 OPT on the original fusion are run again to verify the results. If a sample gives erratic results, such as 0.10, 0.020, 0.30, we will indicate this on the report. We suggest that a new split should be taken from the reject for preparation and analysis by our metallics sieve procedure. Certified standards and in house pulp standards as well as synthetic solution standards are run with each report or batch of samples.

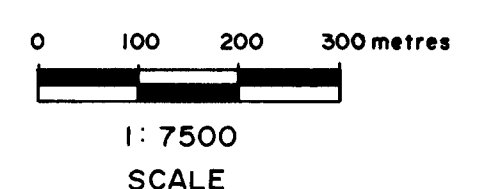
### COPPER ASSAY BY ATOMIC ABSORPTION

A 0.5 gram sample is weighed into a beaker and digested with HNO<sub>3</sub> and HCl on a hotplate. The sample is taken down to dryness and then HCl is added with water and the sample is boiled into solution. The solution is transferred to an appropriate size flask. Then sample is run on an Atomic Absorption unit along with pulp and synthetic standards. Any sample over 15% is rerun by titration methods.



**LEGEND**

- GRID STATION WITH Cu (ppm)
- CONTOURED ON 50-149 ppm Cu  
& > 149 ppm Cu
- ROAD
- MARSH
- CREEK
- NO SAMPLE
- REVERSE CIRCULATION DRILL HOLE COLLAR, VERTICAL



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**  
22,050

<b>CANIM LAKE GOLD CORP.</b> <b>LEMON LAKE PROPERTY</b> <small>CARIBOO MINING DIVISION, BC NTS 93A/6W</small>		
<b>COPPER IN SOILS</b>		
<small>WORK BY: CANIM LAKE GOLD CORP.</small>	<small>SCALE: 1: 7500</small>	<small>FIGURE</small>
<small>DRAWN BY: M. S.</small>	<small>DATE: SEPT, 1992</small>	