

# PROSPECTING

## STATEMENT OF ASSESSMENT WORK

May 1 to October 1, 1982

### CLAIMS INVOLVED

<u>NAME</u>	<u>UNITS</u>	<u>RECORD #</u>	<u>EXPIRY DATE</u>
(i) Lake	2	78	July 20, 1983
(ii) Lake 2	2	27	June 29, 1983
(iii) Basin 1	15	1446	June 01, 1983
(iv) Basin 2	16	1519	October 14, 1983
(v) Isle 1	12	1520	October 14, 1983
(vi) Isle 2	2	1521	October 14, 1983

### MINING DIVISION

Alberni Mining District

### SPECIFIC LOCATION

B.C. Department of Mines Claim Map 92E 8W/9W

### LATITUDE

49° 30' N

### LONGITUDE

126° 23' W

### OWNER OF CLAIMS

(i) and (ii) above Lorne Hansen  
(iii), (iv), (v) and (vi) Peter Buckland

### OPERATOR

COMINCO LTD., PETER BUCKLAND

### AUTHOR

PETER BUCKLAND

### DATE SUBMITTED

MAY 27, 1983

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**11,159**

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- Detailed technical data
- Itemized Cost Statement
- Author's Qualifications

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8. Assay, Soil Sample Sheets
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    Soil Sample Plans (2)

## INTRODUCTION

This report briefly summarizes exploration work performed on the subject claims through the period May 1 to October 1, 1982. The position of the property is identified in the index maps appended to this report.

### Property Definition

The property is within the Coast Range physiographic belt of B.C. (see index map page 5/6). The area typically encompasses steep mountain slopes which are heavily timbered providing little rock outcrop. The property was briefly worked in the early 1900's (see Minister of Mines Annual Reports) and in recent years work consisted primarily of prospecting, geochemical, and geophysical work. The main system investigated to date contains gold and silver values with apparent higher grade deposits throughout the system.

### Summary of Work Performed 1982

Cominco Ltd., as per page 7 attached, investigated a small area of the mineral system performing 96 soil samples and 16 geochemical samples. Approximately 1 Km of soil lines were undertaken. Geological mapping (see attached) was also performed along this grid.

### Detailed Technical Data

See attached maps, back cover folder, and assay sheets page 8, drafted by Cominco Ltd.

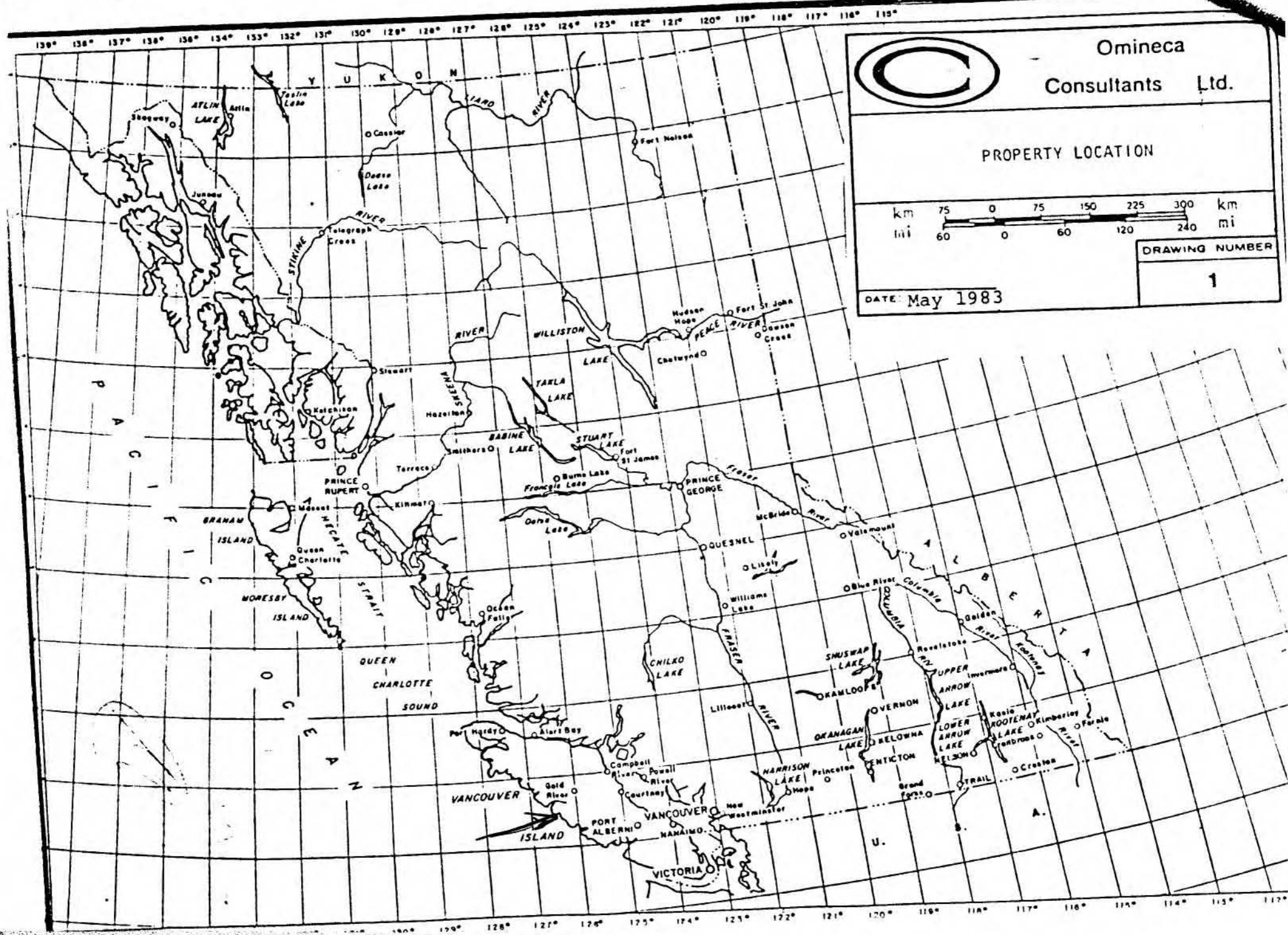
### Itemized Cost Statement

See attached statement page 7, Cominco Ltd.

### Author's Qualifications

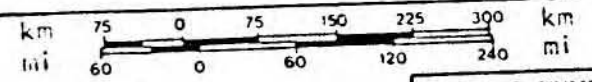
The undersigned has been an active prospector for twenty years with previous experience obtained at U.B.C. Geology (Faculty of Engineering) School and numerous practical field examinations.





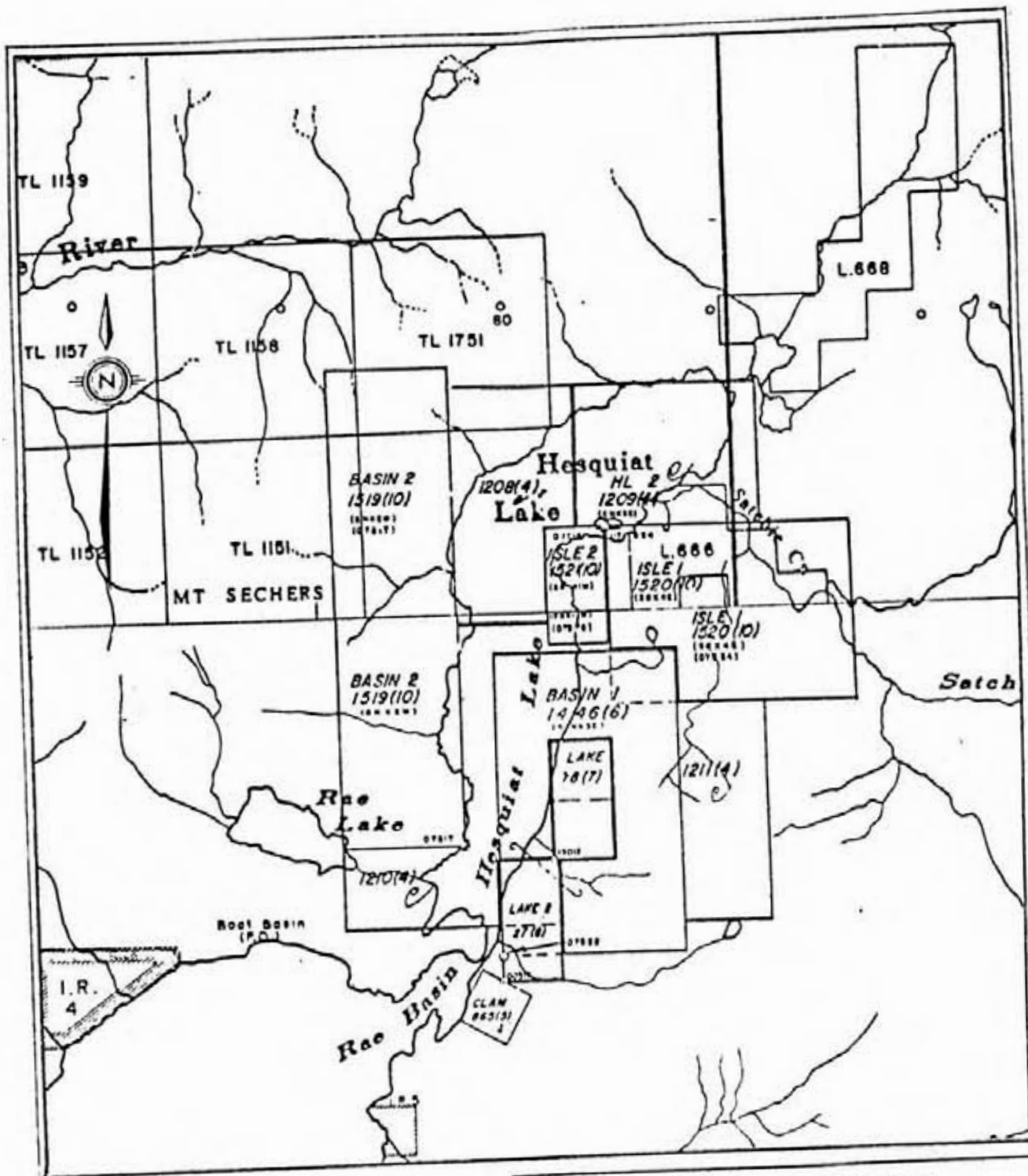
Omineca  
Consultants Ltd.


PROPERTY LOCATION



DRAWING NUMBER  
**1**

DATE: May 1983




**Omineca Consultants Ltd.**

**Claim Location**  
 (after 92E 8W, 9W)

Metres 1000 0 1500  
 Feet 2000 0 6000

SCALE: 1:50,000

DRAWING NUMBER  
**2**

DATE: May 1983

B

STATEMENT OF EXPENDITURES  
ON THE BASIN 1 AND LAKE  
MINERAL CLAIMS

HESQUIAT LAKE AREA  
PORT ALBERNI MINING DIVISION  
NTS 92E/8

PERIOD OF WORK: June 10 to <sup>at site</sup> 17, 1982  
BY COMINCO LTD. For: B. Hansen and P. Buckland

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COMINCO LTD. EXPENDITURES

Salaries:

R.J. Sharp - Geologist - \$160/day x 8 days =	\$ 1,280
G. Gill - Field Assistant - \$ 60/day x 8 days=	480
R. Eyre - Field Assistant - \$ 60/day x 8 days=	480
J. Snyder - Office-Drafting - 1 Day x \$100/day =	100

Geochemistry: (see attached sheet for details)

Rocks	823.50
Soils	1,185.60

Mobilization and Demobilization:

Food	211.21
Transportation: Ferry	46.00
Boat Rental - mob.	125.00
Plane- demob	127.60
Truck Gas	55.40
Truck Rental	253.73


Domicile and Supplies:

Food	289.58
Supply Flight	116.45

Geology Equipment and Supplies

100.00

TOTAL EXPENDITURES: \$5,674.07

  
\_\_\_\_\_  
Certified as true expenditures  
R.J. SHARP  
Geologist.

## GEOCHEMICAL ANALYSES

### ROCKS

Assay	Au + Ag	5 x 8.50 =	42.50
	Cu, Pb, Zn	16 x 14.50 =	232.00

### Geochemistry

Au	4.50 x 16 =	72
Ag	1.75 x 16 =	28
Cu	.75 x 16 =	12
Pb	.75 x 16 =	12
Zn	.75 x 3 =	1.50
As	3.25 x 15 =	48.75
Hg	3.50 x 16 =	56
W	3.75 x 15 =	56.25
Ba	4.50 x 14 =	63
Sn	3.00 x 16 =	48
Sb	3.75 x 15 =	52.50
Se	0.75 x 14 =	10.50

Preparation Charges 2.25 x 16 = 36.00

Sub-total: 823.50

### SOILS

Au	4.50 x 96 =	432
Ag	1.75 x 96 =	168
Cu	.75 x 96 =	72
Pb	.75 x 96 =	72
Zn	.75 x 96 =	72
As	3.25 x 96 =	312

Preparation Charges 0.60 x 96 = 57.60

Sub-total: 1185.60

TOTAL GEOCHEM CHARGES: \$2,009.10

Field No.	Lab. No.	Cu %	Pb %	Zn %				
	1							
	2							
H.L. 82-1	R82-4343	0.02	0.02	0.11				
2	4	0.73	0.08	10.00				
3	5	0.31	0.54	7.30				
4	6	1.26	3.20	10.40				
5	7	1.84	2.53	4.80				
6	8	<.01	0.03	0.16				
7	9	0.07	0.31	0.19				
8	50	0.10	0.50	1.12				
9	1	0.09	0.17	0.41				
10	2	0.05	0.23	0.58				
11	3	0.08	0.44	0.42				
12	4	0.11	0.62	0.72				
13	5	0.01	0.08	0.04				
14	6	0.05	0.85	0.41				
15	7	0.02	<.01	0.17				
16	8	1.15	0.17	12.70				
17	R82-4359	0.20	0.58	0.24				
	0							
R.P.M.P	1							
	2							
	3							
	4							
	5							
	6							
	7							
	8							
	9							
	0							




REPORTING DATE 22 JUL 1982

SAMPLE NUMBER	FIELD NUMBER	Se PPM	Au(1) oz/T	Ag(1) oz/T	As(1) %	Au PPM	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Hg PPM	Sn PPM	As PPM	F PPM	N PPM	Sn(4) PPM	Ba(4) PPM	Zn(1) %
R82 04343	H.L.82-1					62	1.4	92	0.6	785	362	10	29	186	(2)	(10)		
R82 04344	H.L.82-2	0.5				4090	47.2	6662	748		85	27	893	58	(2)	(10)	€32808	10.43
R82 04345	H.L.82-3	0.5				308	58.0	3162	4837		870	15	500	66	(2)	(10)	€28807	7.20
R82 04346	H.L.82-4	1.0				5650	€258.7	5762	€31125		300	30	537	140	(2)	(10)	7270	10.83
R82 04347	H.L.82-5	17.0				€125000	€323.7	21200	€22225		25	18	1100	121	(2)	126	€15805	4.90
R82 04348	H.L.82-6					400	2.0	57	93	470	130		57	122	(2)	(10)		
R82 04349	H.L.82-7	0.5				448	58.5	655	3200		180	12	430	250	(2)	(10)	€16777	0.17
R82 04350	H.L.82-8	0.5				82	21.2	893	4837		770	13	343	399	(2)	(10)	€27789	1.17
R82 04351	H.L.82-9	0.5				108	14.7	836	1670		580	26	405	360	(2)	(10)	€16393	0.40
R82 04352	H.L.82-10	0.5				150	14.3	463	2196		208	15	835	350	(2)	(10)	1741	0.58
R82 04353	H.L.82-11	0.5				62	26.1	663	3975		336	16	209	250	(2)	(10)	€18753	0.36
R82 04354	H.L.82-12	0.5				132	58.1	1098	6262		356	13	217	310	(2)	(10)	€18878	0.72
R82 04355	H.L.82-13	0.5				(10)	2.3	86	646		56	23	66	230	(2)	(10)	€13819	0.03
R82 04356	H.L.82-14 <small>See # 04356-15</small>	1.0	0.612	1.10	29.300	€14000	32.7	292	7737		519	22				(10)	3404	0.41
R82 04357	H.L.82-15 <small>See # 04356-15</small>					(10)	0.6	113	51	1987	38		42	200	(2)	10		
R82 04358	H.L.82-16 <small>See # 04356-15</small>	1.0				1020	71.8	€10575	1526		3160	25	388	120	(2)	(10)	€11730	12.94
R82 04359	H.L.82-17 <small>See # 04356-15</small>	2.5				68	60.5	2057	5600		102	30	133	94	(2)	(10)	€19747	0.21

WHERE ANALYSIS REQUESTED BUT NO VALUES SHOWN, RESULTS ARE TO FOLLOW  
 E - VALUE EXCEEDS OPTIMUM WORKING RANGE; ESTIMATE ONLY; REQUEST ASSAY IF PRECISE VALUE REQUIRED

*K. J. P.*

ANALYTICAL METHODS

AU	AQUA REGIA DECOMPOSITION / SOLVENT EXTRACTION / AAS
AS	N PYROSULPHATE FUSION / COLORIMETRIC
AG	Cu Pb Zn AQUA REGIA DECOMPOSITION / AAS
F	SPECIFIC ION ELECTRODE
SN(4)	BA(4) X-RAY FLUORESCENCE
SB	AQUA REGIA DECOMPOSITION / AAS (SEMI - QUANTITATIVE)
HG	FLAMELESS AAS
SE	HYDRIDE GENERATION / AAS
As(1)	Zn(1) ASSAY
AU(1)	AG(1) ASSAY BY AN OUTSIDE LABORATORY

REPORTING DATE 9 AUG 1982

PAGE 1

SAMPLE NUMBER	FIELD NUMBER	Au(1) oz/T	Ag(1) oz/T	Pb(1) %	Cu(1) %	
R82 04346	H.L.82-4	0.342	6.60	2.97	1.18	} outside Lab Assays
R82 04347	H.L.82-5	4.804	24.04	2.48	1.89	
R82 04358	H.L.82-16		<del>1.86</del>	0.18	1.15	

Incorrect Value - See next page

*R/L*

WHERE ANALYSIS REQUESTED BUT NO VALUES SHOWN, RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

Pb(1) Cu(1) ASSAY  
 Au(1) Ag(1) ASSAY BY AN OUTSIDE LABORATORY

REPORT DATE 31 AUG 1982

PAGE 1

SAMPLE	FIELD NUMBER	AU(1) OZ/T	AG(1) OZ/T	CU(1) %	PB(1) %
R02 04349	H.L.82-2	0.190	1.30	0.64	0.08
R02 04349	H.L.82-3	0.003	1.42	0.31	0.53
R02 04349	H.L.82-16	0.068	1.82	1.15	0.18

OUTSIDE LAB

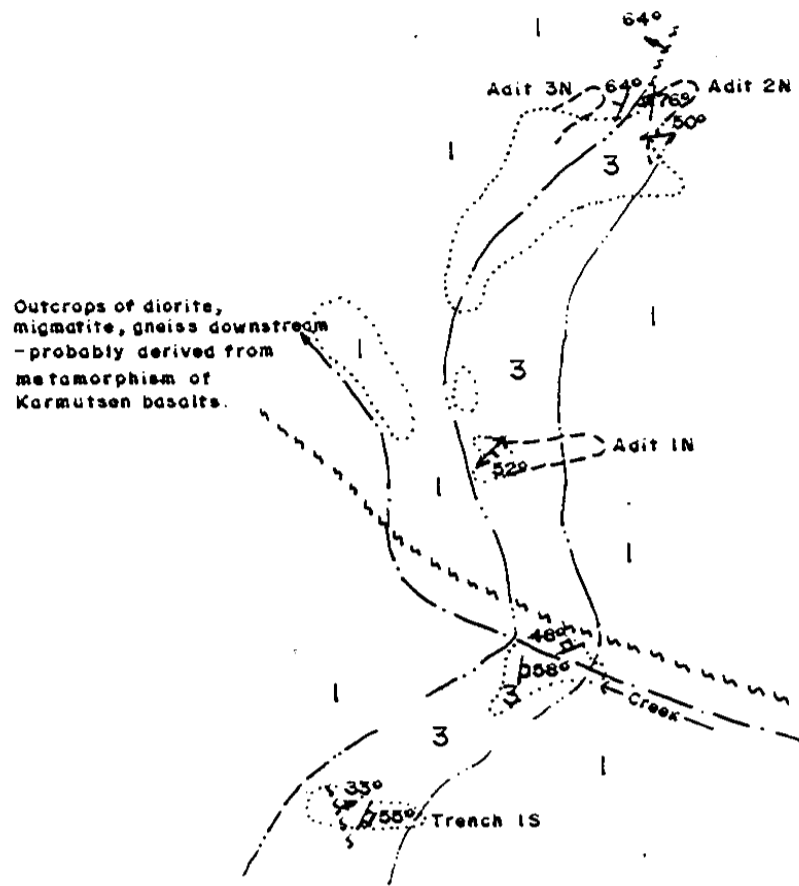
ASSAYS

*R. J. ...*

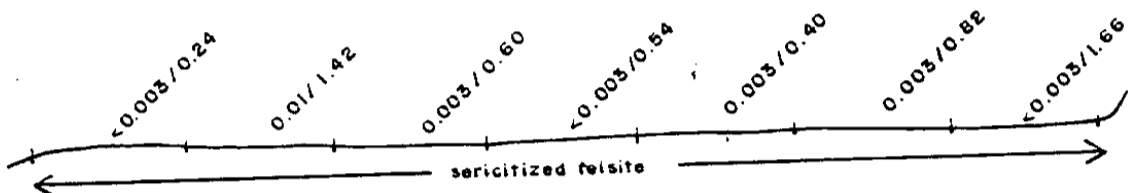
WHERE ANALYSIS REQUESTED BUT NO VALUES SHOWN/ RESULTS ARE TO FOLLOW

ANALYTICAL METHODS

Cu(1) Pb(1) ASSAY  
 Au(1) Ag(1) ASSAY BY AN OUTSIDE LABORATORY

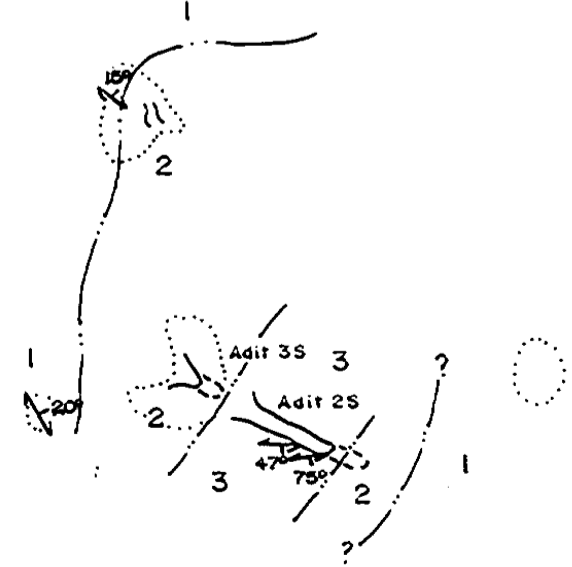
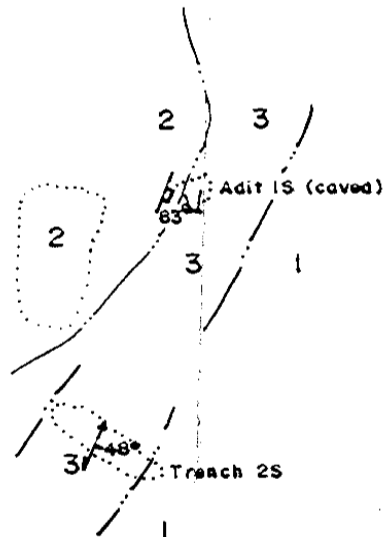
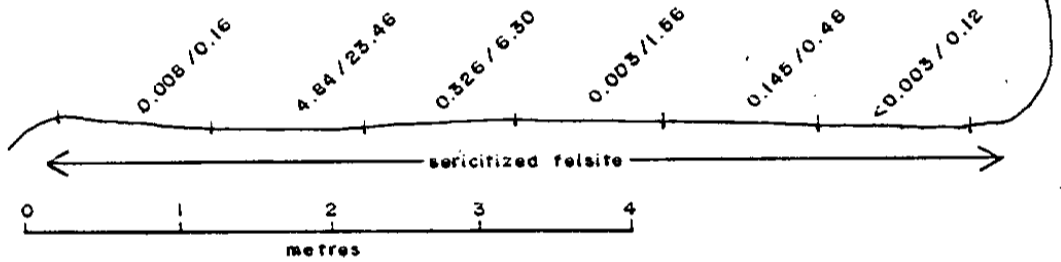


**TRENCH 1S**



FIRE ASSAYS: Au oz/T / Ag oz/T

**ADIT 2S**



11159

**Legend**

- 3 Sheared and altered rock (sericitized, minor sphalerite veins)
- 2 Felsite, porphyritic monzonite
- 1 Metabasalt, hornblende gneiss, migmatite, diorite gneiss



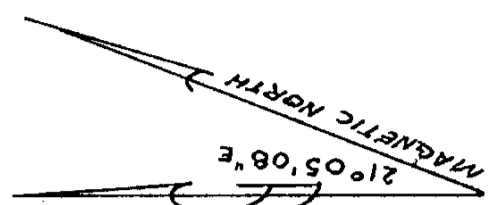
**BROWN JUG SHOWINGS / HESQUIAT LAKE**



Drawn by:	R.J.S.	Traced by:	S.B.N.
Revised by	Date	Revised by	Date

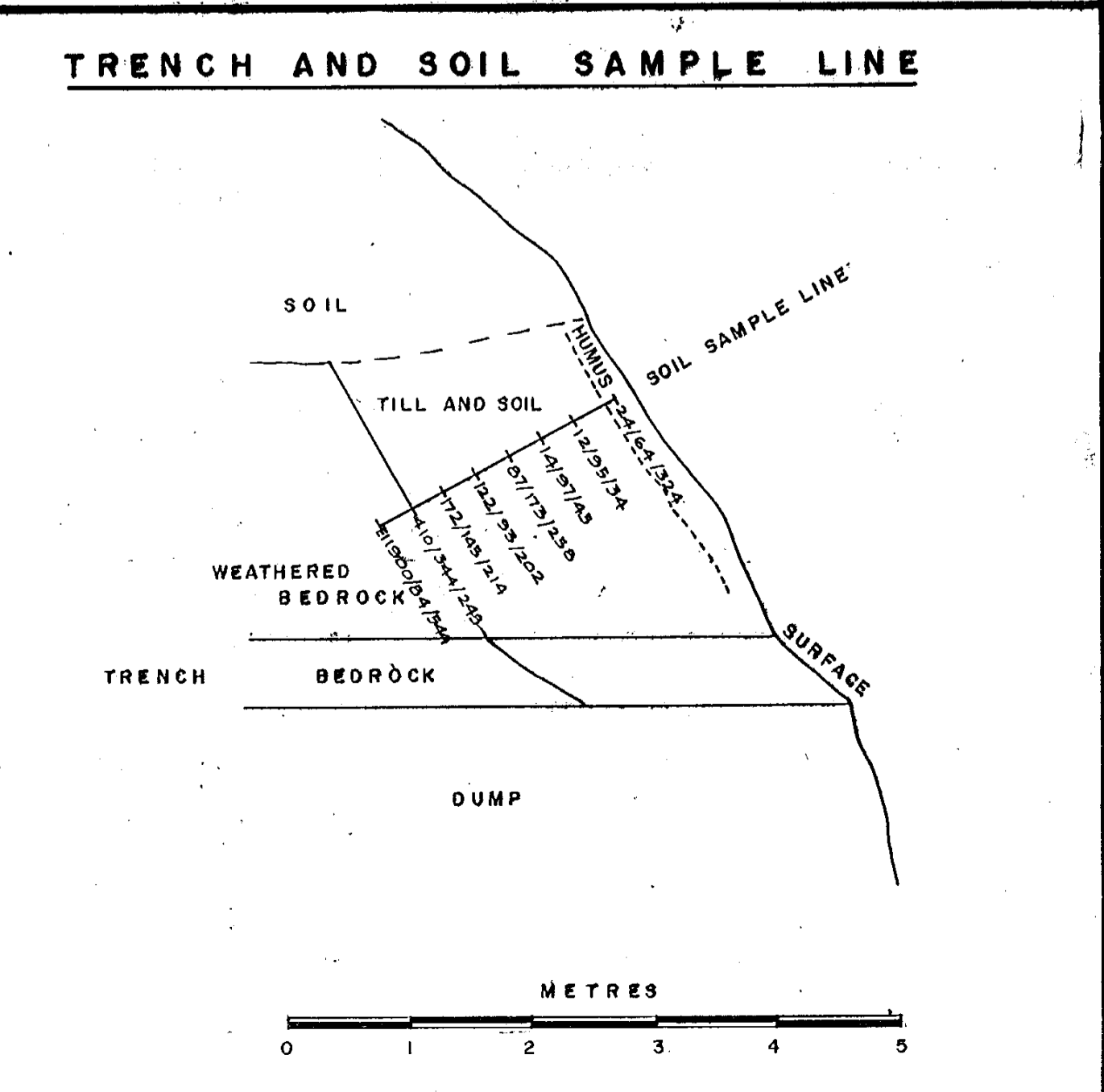
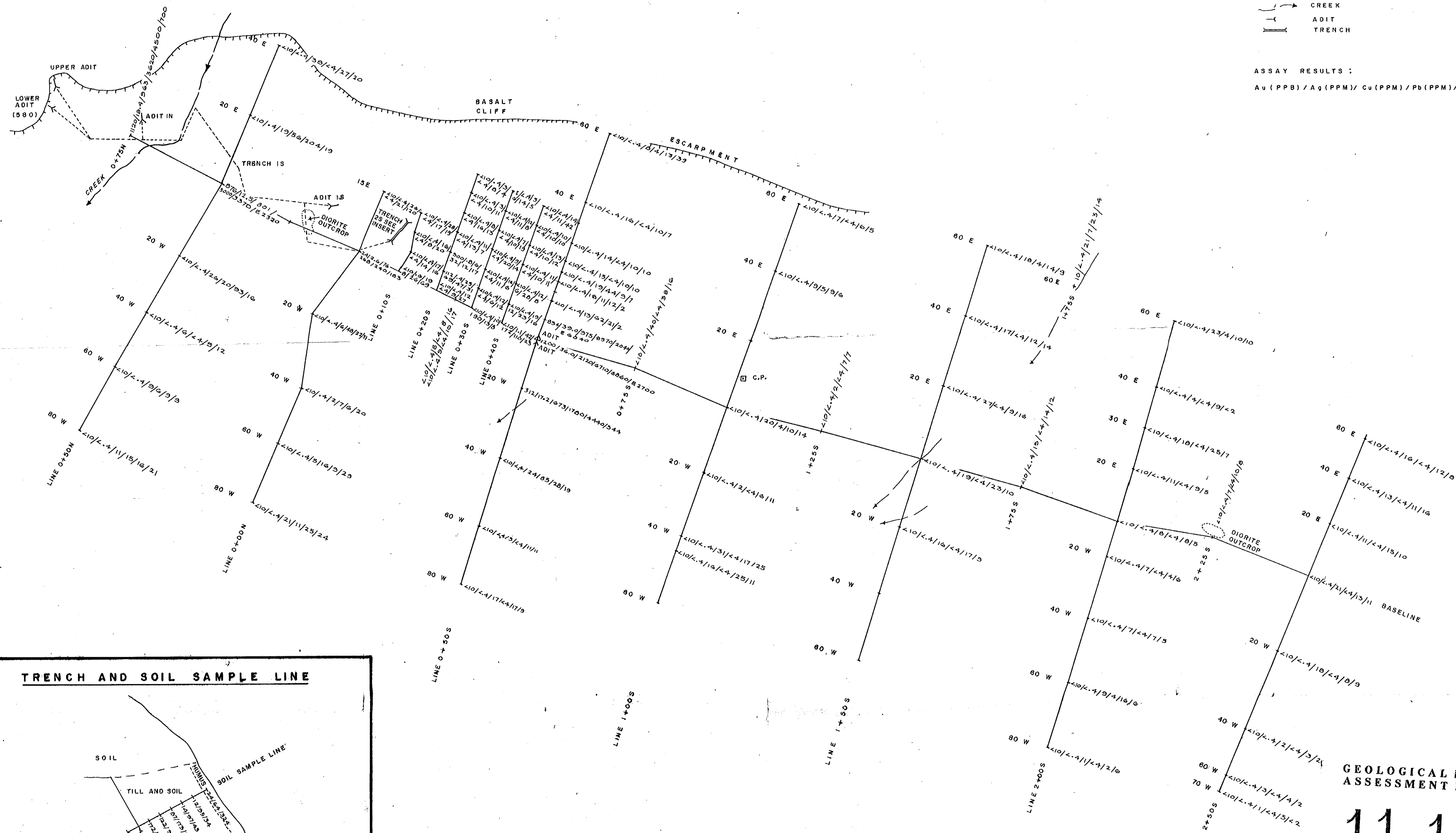
**GEOLOGY AND ASSAYS**

Scale: 1:50 Date: JANUARY 18, 1983 Plate:



- LEGEND
- 1980 GEOCHEMICAL GRID
  - TRANSIT LINE
  - CLIFF (ESCARPMENT)
  - CREEK
  - ADIT
  - TRENCH

ASSAY RESULTS :  
 Au (PPB) / Ag (PPM) / Cu (PPM) / Pb (PPM) / Zn (PPM) / As (PPM)



GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

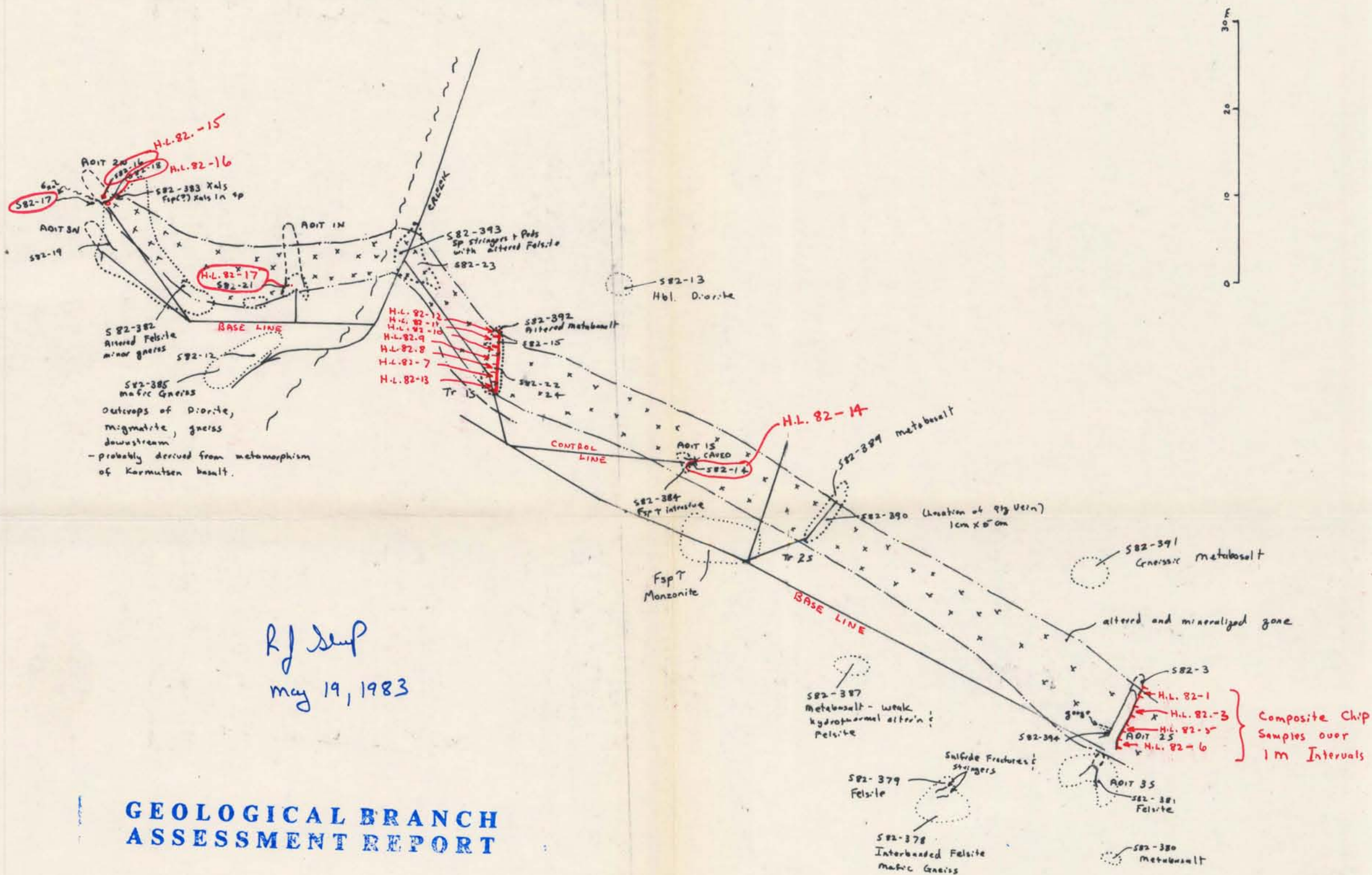
11,159



HESQUIAT LAKE - BROWN JUG GOLD SHOWING NTS  
 92 E 8

(LAKE CLAIMS)  
 SOIL SAMPLE LOCATIONS  
 PORT ALBERNI M.D., B.C.

Drawn by:	Traced by:	Scale:	Date:	Plate:
		1:500	OCT., 1982	W 636-82-



RJ Seuf  
 May 19, 1983

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**11,159**

