

DRILLING AND PHYSICAL WORK

Title: REPORT OF ASSESSMENT WORK

ON MINING CLAIMS

Claims: Whelakis #1 420 (4) (15 Units)
Whelakis #2 421 (4) (12 Units)
Whelakis #3 422 (4) (10 Units)

Mining Division: Vancouver

NTS Location: 51° 00'
127° 13'

Operator/Owner: Frank Beban Logging Ltd.

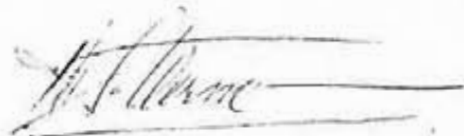
Author: M.W. Soltermann, B.S.F.

Dates Work Conducted: March 23, 1983 - April 27, 1983

Date Submitted: May 3, 1983

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,283



M. SOLTERMANN

REPORT OF ASSESSMENT

WORK ON MINING CLAIMS

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Drawing #10	- Rock Formation - Hole #5	- Following Page 9

1.0 Introduction

1.1 Location:

The property location is at 51° 00' latitude and 127° 13' longitude and lies at the junction of NTS sheets 92M/3E and 92L/14E 1:50,000 topographic maps (see Drawing 1).

1.2 Access:

Access to the property is either by boat, helicopter or aircraft equipped with floats.

1.3 Property Definition

The major portion of the property is situated on a triangular shaped peninsula bordered by both McKinnon and Nenahlmair Lagoons on the north and south directions, respectively. The remaining portions are (a) on the northeast side of McKinnon Lagoon and (b) on the southern side of Nenahlmair Lagoon (see Drawing No. 2).

The general topography is semi-mountainous with elevation ranging from 0-350 metres above sea level.

Vegetation consists primarily of decadent western red cedar with lesser amounts of coastal douglas fir and balsam fir.

1.4 Property History

Initial exploration and work was conducted in the 1940's. This work consisted of the construction of a 1500 metre corduroy access road and the excavation of a trench measuring approximately 15 metres in length and 5 metres in depth. Apparently, two small shipments of ore were sent for smelting via barge.

Following these initial workings, some diamond drilling was performed in the 1960's.

During the years 1972-73, a preliminary survey of the property was conducted by Mr. A. Allan, P. Eng., for QC Exploration Ltd.

The Whelakis claims were staked in March, 1979 by Mr. E. Buck under the employ of Frank Beban Logging Ltd. In April, 1979 and December, 1979 rock samples were collected by Mr. Buck for assaying. Several more samples were gathered by Dr. A.E. Nevin for assay, and whom also performed a preliminary reconnaissance of the property in November, 1979.

More recently, workings on the property were conducted during March-April, 1980 by Mr. D.J. Brownlee, geologist, Mr. G.A. Shore, geophysicist and Dr. A.E. Nevin, P. Eng. This work included the preparation of a geological map and a geophysical survey, the latter of which included 1.2 kilometers of VLF EM survey and 2.2 line kilometers of total magnetic survey.

Introduction (Cont.)

This report deals primarily with work performed during the period March 23 - April 27, 1983, consisting of trail construction and diamond drilling.

1.5 Owner Operator

The Whelakis claims are presently held by Frank Beban Logging Ltd. The assessment work being claimed was performed by Mr. E. Buck, prospector, Mr. R.E. Stewart, driller and Mr. W.A. McFarland, driller's helper, all of whom were under the employ of Frank Beban Logging Ltd.

1.6 Economic Assessment

The timber on the property consists primarily of very low grade cedar of little or no economic value. Other species include coastal douglas fir and balsam fir whose volumes are very low and subsequently harvest is uneconomical.

1.7 Summary of Work

(A) Physical Work

(i) Description

Physical work completed includes the upgrading of an existing corduroy road, construction of two (2) access trails and linecutting as depicted in Drawing No. 3 and 5.

The upgrading process involved;

- a) removal of windfalls from the road
- b) placement of logs for grade improvement in boggy areas and
- c) brushing out of overgrowth on road right of way.

Construction of access routes involved the removal of brush and windfalls from the trail.

Pertinent information regarding the dimensions of these workings are as follows:

- 1) Road Upgrading:
 - Total length of road: 1177 meters
 - Total width of road: 1.5 meters
- 11) Trail Construction:
 - Total length of trails: 484 meters
 - Total width of trails: 1.5 meters

Introduction (Cont)

Costs associated with road rehabilitation, trail construction and line cutting are indicated below.

(iii) Linecutting:

This work consisted primarily of removal of underbrush (providing reasonable access) and the blazing of trees. The location of these lines are shown in Drawing No. 5. Total length of line cut is approximately 200 meters.

(ii) Itemized Cost Statement - Physical Work

<u>Date</u>	<u>Labour Cost</u>		<u>*Supplies</u>	<u>Transport & Travel</u>	<u>Total</u>
	Employee 1 (\$195/Day)	Employee 2 (\$130/Day)			
March 23/83	195.00	130.00	222.00	1,160.00	1,707.00
March 24/83	195.00	130.00	222.00	-	547.00
March 25/83	195.00	130.00	222.00	560.00	1,107.00
March 26/83	195.00	130.00	222.00	-	547.00
March 27/83	195.00	130.00	222.00	-	547.00
March 28/83	195.00	130.00	222.00	-	417.00
March 29/83	195.00		222.00	900.00	1,317.00
March 30/83	195.00		222.00	-	417.00
March 31/83	195.00		222.00	-	417.00
					<u>\$7,023.00</u>

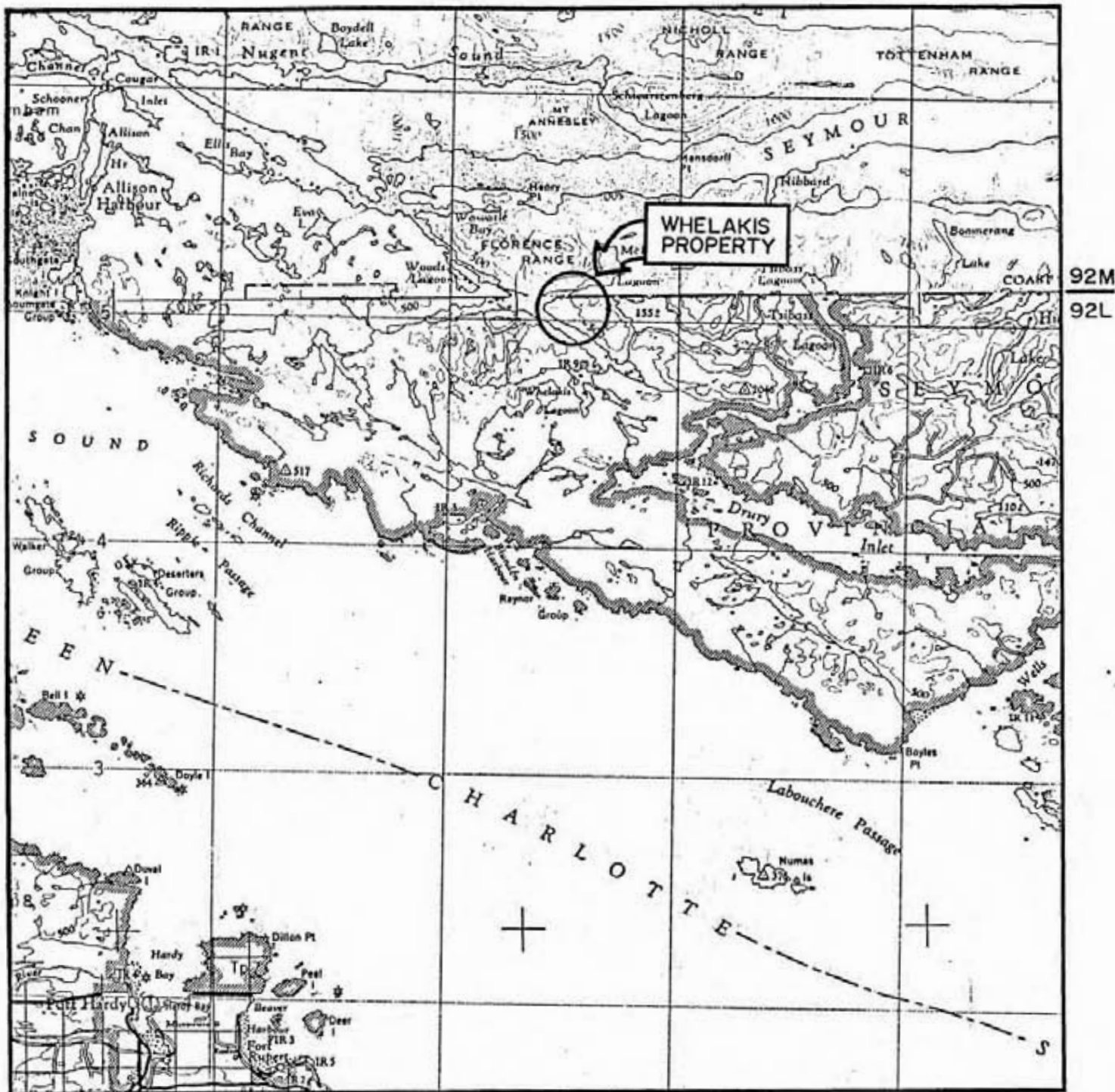
Total Cost

*Note: Costs indicated as supplies include: food, costs associated with lodging and costs of supplies required for physical work completed. It should be noted that the equipment utilized is owned by Frank Beban Logging Ltd. and charges for this equipment are based on commercial rental rates.

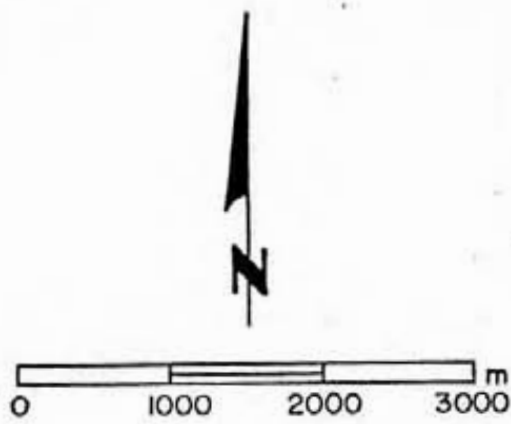
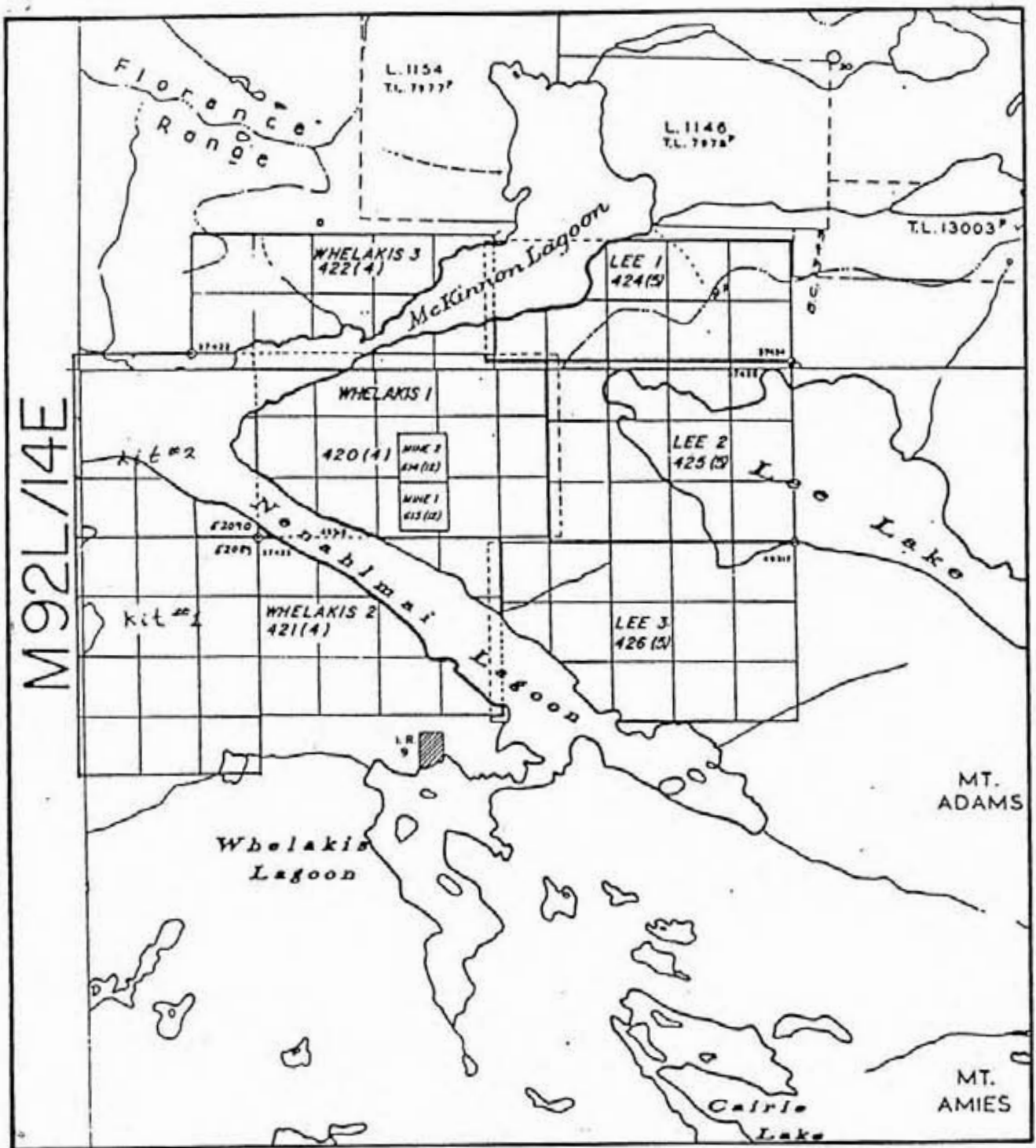
Supply costs indicated above were calculated as follows:

Total Supply Cost/Total Days = Average Supply Cost/Day

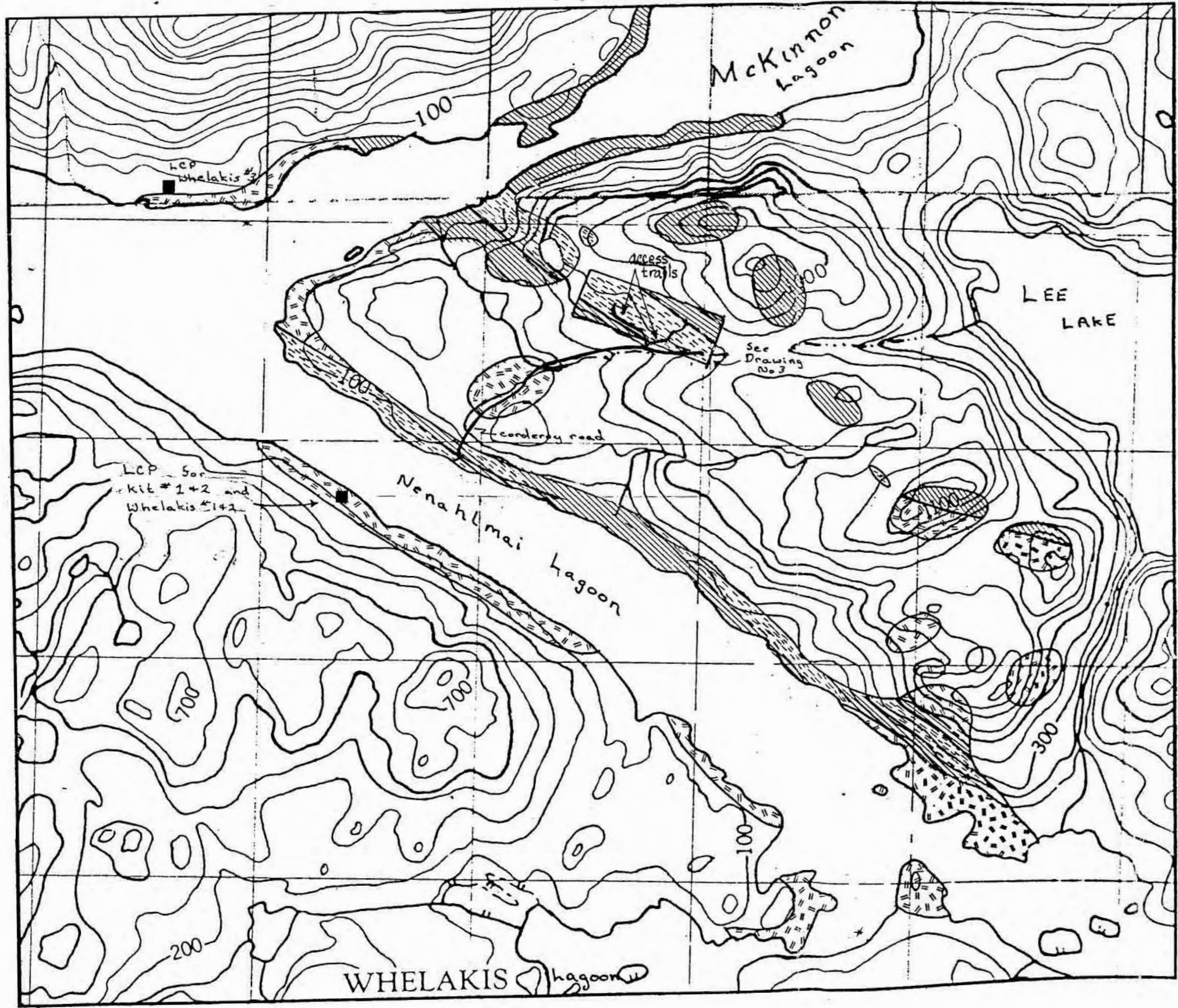
ie: \$1,998.00/9 Days = \$222.00/Day



FRANK BEBAN LOGGING LTD.	
LOCATION MAP	
WHELAKIS PROPERTY	
VANCOUVER M.D., B.C.	NTS MAP 92M/ 3E 92L/ 14E
DRAWING BY D.J.B.	DRAWING N° 1
SCALE 1:250,000	
NEVIN SADLIER-BROWN GOODBRAND LTD.	
APRIL 1980	




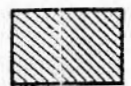

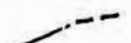
FRANK BEBAN LOGGING LTD.	
CLAIM MAP	
WHELAKIS PROPERTY	
VANCOUVER M.D., B.C.	NTS MAP 92M/3E 92L/14E
DRAWING BY D.J.B.	DRAWING N°2
SCALE 1:50,000	
NEVIN SADLIER-BROWN GOODBRAND LTD.	
APRIL 1980	

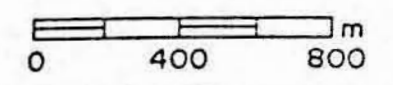


GEOLOGICAL BRANCH
ASSESSMENT REPORT

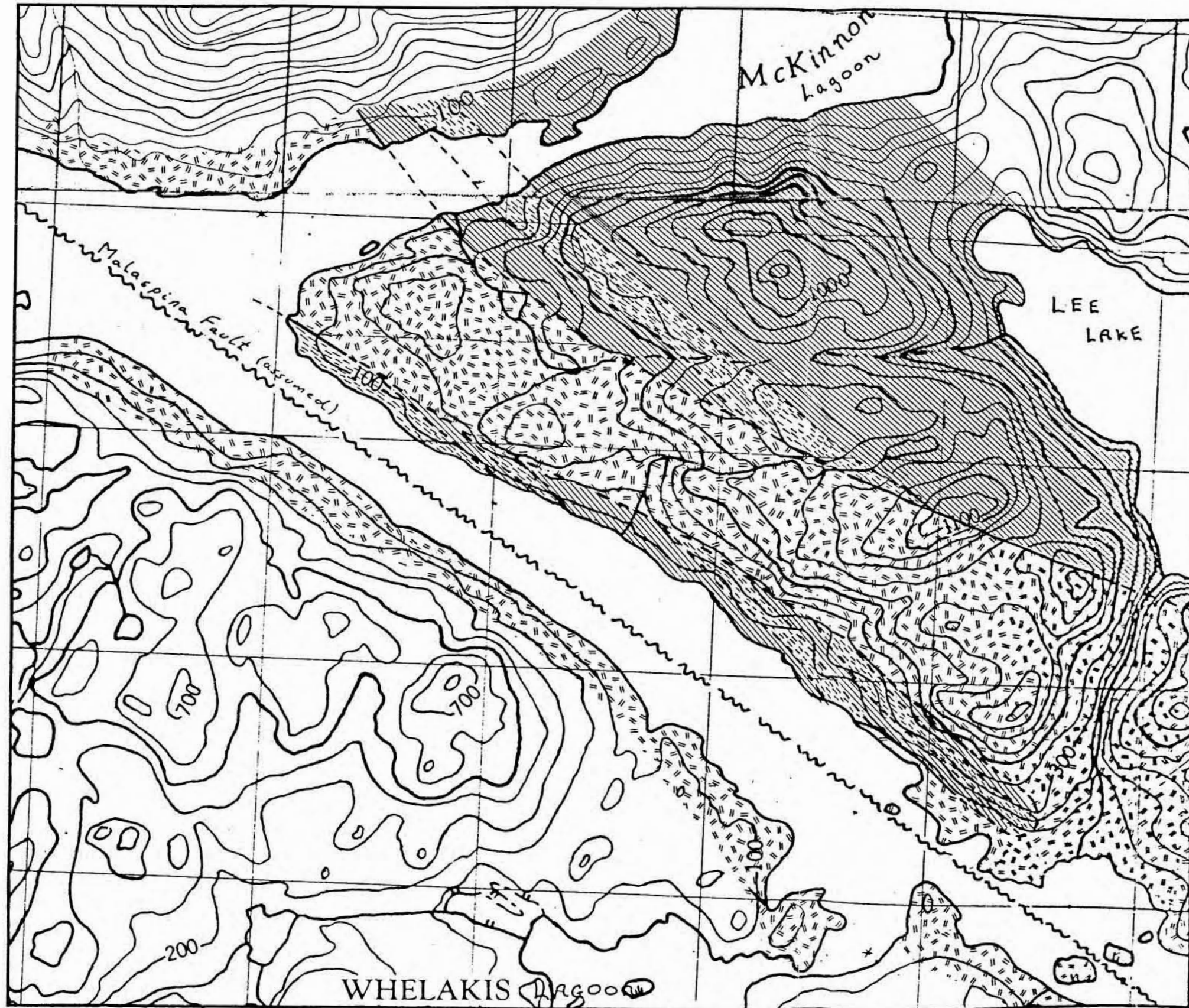
92 M/3E
92 L/14E

11,283

-  GRANODIORITE, QUARTZ DIORITE, DIORITE
-  ANDESITE, BASALT, GREENSTONE
-  SLATY ARGILLITE
-  GEOLOGICAL BOUNDARY, ASSUMED



FRANK BEBAN LOGGING LTD.	
GENERAL OUTCROP MAP WHELAKIS PROPERTY	
VANCOUVER M.D., B.C.	NTS MAP 92M/3E 92L/14E
DRAWING BY D.J.B.	DRAWING N° 3
SCALE 1:20,000	
NEVIN SADLIER-BROWN GOODBRAND LTD APRIL 1980	




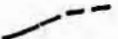



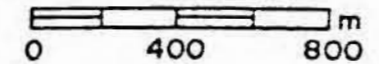
GEOLOGICAL BRANCH
ASSESSMENT REPORT

92M/3E
92L/14E

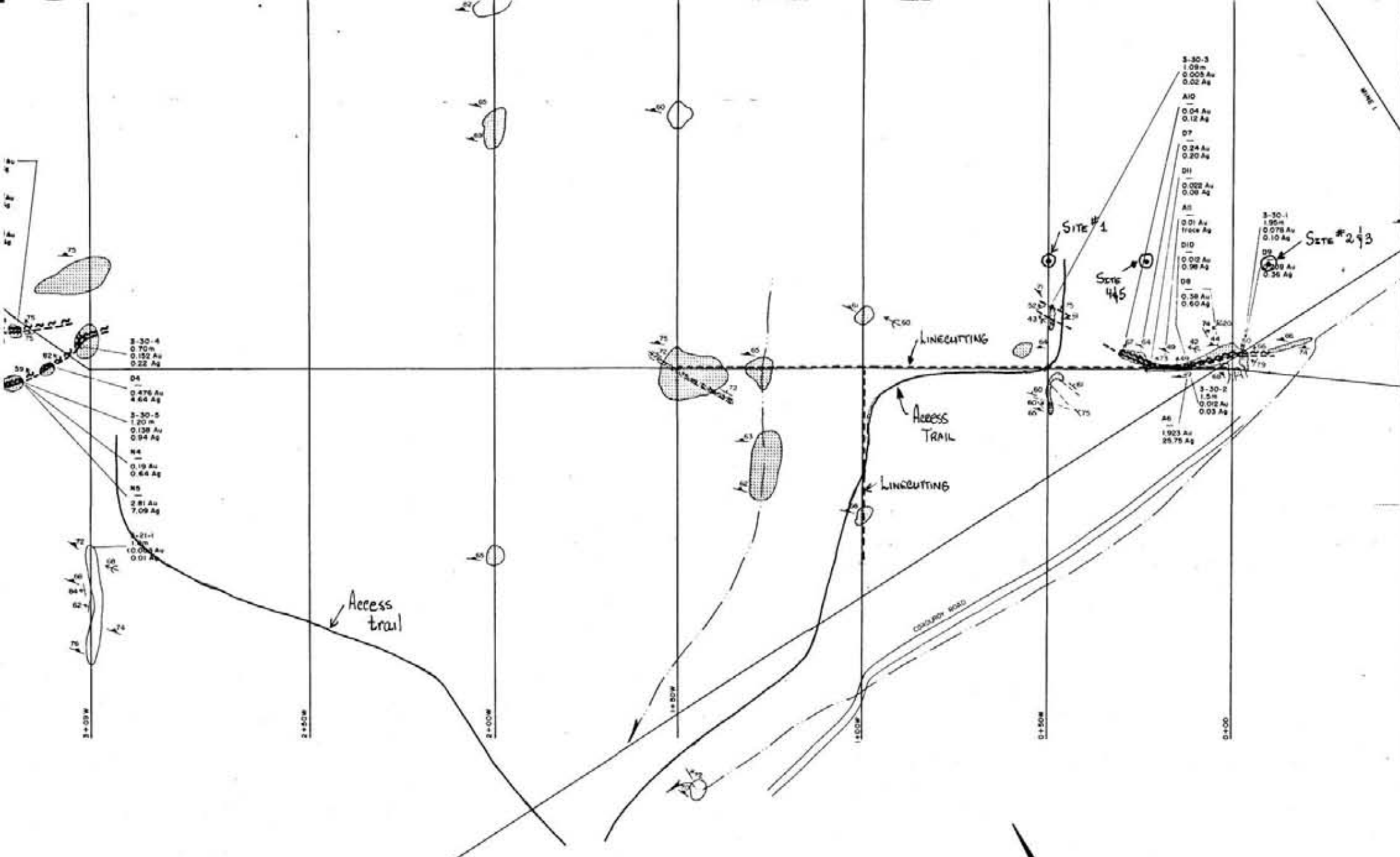
11,283



-  GRANODIORITE, QUARTZ DIORITE, DIORITE
-  ANDESITE, BASALT, GREENSTONE
-  SLATY ARGILLITE
-  GEOLOGICAL BOUNDARY, ASSUMED
-  FAULT, ASSUMED



FRANK BEBAN LOGGING LTD.	
GENERAL GEOLOGY WHELAKIS PROPERTY	
VANCOUVER M.D., B.C.	NTS MAP 92M/3E 92L/14E
DRAWING BY D.J.B.	DRAWING N° 4
SCALE 1:20,000	
NEVIN SADLER-BROWN GOODBRAND LTD APRIL 1980	



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,283

ASSAYS (oz/t)
 A1 APRIL 1979
 D1 DECEMBER 1979
 N1 A E NEVIN 1979
 3-29-1 D J BROWNLEE 1980

LEGEND

DIORITE	QUARTZ VEIN, ASSUMED
SLATY ARGILLITE	GEOLOGIC BOUNDARY, ASSUMED
BASALT, PORPHYRYIC BASALT, GREENSTONE	FAULT, ASSUMED
ALTERED TUFF	STREAM
FOLD, MINOR	CLEAVAGE
BEDDING	FRACTURE



To accompany report entitled "GEOLOGICAL AND GEOCHEMICAL REPORT ON THE WHELAKIS PROPERTY" by D.J. Brownlee, Geologist, G.A. Shore, Geophysicist, and Andrew E. Nevin, P.E.N. October 1980.
 12/11/1980
 D.J. Brownlee, Geologist
 G.A. Shore, Geophysicist
 Andrew E. Nevin, P.E.N.

FRANK BEBAN LOGGING LTD
**MAIN SHOWING OUTCROP MAP
WHELAKIS PROPERTY**
 VANCOUVER B.C. NTS MAP 92M/3E
 92L/14E
 DRAWING BY D.J.B. DRAWING NO. 5
 SCALE 1:500
 NEVIN SADDLER-BROWN GEOBRAND LTD
 APRIL 1980

1.7 Summary of Work (Cont.)

(B) Drilling Report

(i) Description of Drilling Program

This program involved the diamond drilling of five (5) holes at various locations on the property (See Drawing No. 5 for drill hole collar locations).

Equipment used for drilling included a Winkie drill and a Honda water pump, both of which are gasoline powered.

Results of the drilling are shown on pages 5-9 which include drill logs and an outline of the underground profile based on drill cores extracted.

Twelve (12) core samples were taken from various depths as indicated on the profiles. Assaying of these samples was conducted by General Testing Laboratories located in Vancouver. Results of the assays have been entered on page 10 .

The facility used for core storage is a warehouse which is part of our Head Office complex located at 3249 Ross Road, Nanaimo, B.C.

DRILL LOG

HOLE # 1

Site: Baseline 00 + 50W, 00 + 30N

Inclination: 45°

Azimuth: 200°

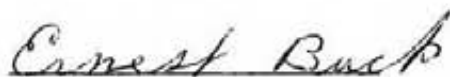
Core Diameter: 24 MM (15/16")

Collar Elevation: 213 Meters

<u>Date</u>	<u>Distance Drilled (Meters)</u>
April 4/83	6.1
5	9.2
6	<u>9.8</u>
Total Distance Drilled	25.1 Meters

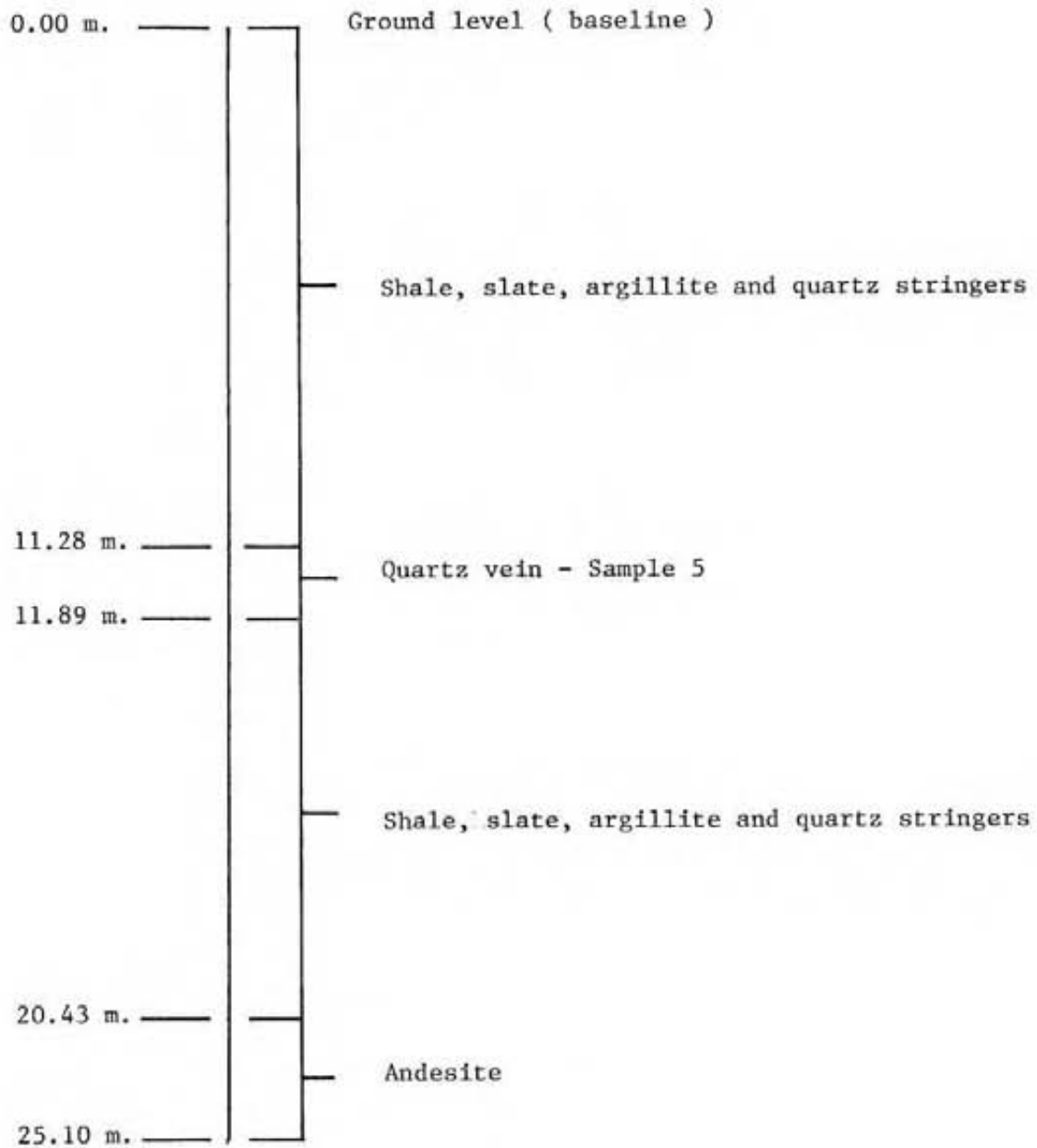
NOTE: SEE FOLLOWING PAGE FOR LOG INFORMATION REGARDING MINERALIZATION (CORE LOG)

Authorized Signature


E. Buck

DRAWING #6

DIAGRAM SHOWING ROCK FORMATION
AS INTERPRETED FROM HOLE #1 CORES



DRILL LOG

HOLE #2

Site: Baseline 00 + 10E, 00 + 30N
Inclination: 60°
Azimuth: 200°
Core Diameter: 24 MM
Collar Elevation: 192 Meters

<u>Date</u>	<u>Distance Drilled (Meters)</u>
April 8 , 1983	6.1
9	7.6
10	7.6
11	<u>9.1</u>
Total Distance Drilled	30.4 Meters

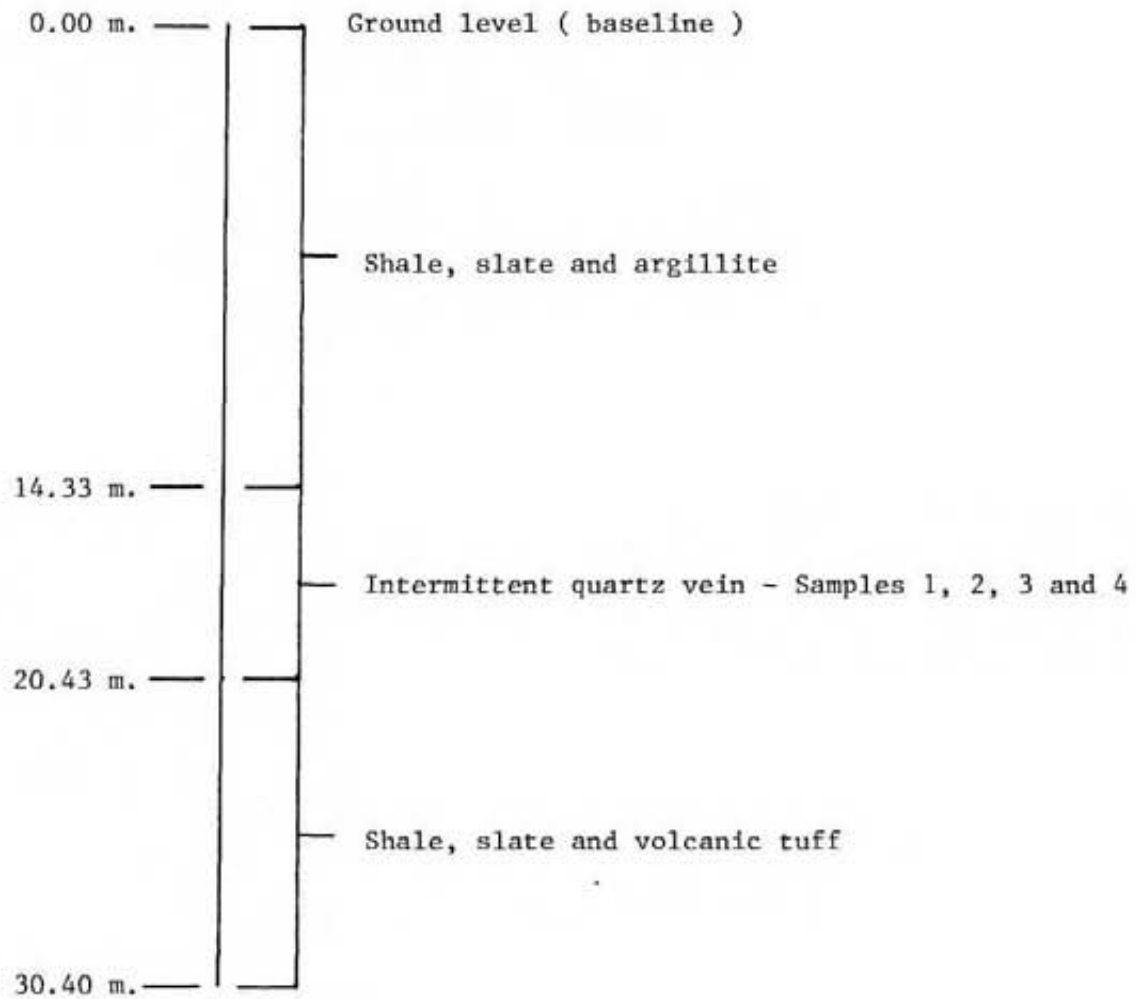
NOTE: SEE FOLLOWING PAGE FOR DRILL LOG SPECIFYING MINERALIZATION PRESENT.

Authorized Signature

E. Buck
E. Buck

DRAWING #7

DIAGRAM SHOWING ROCK FORMATION
AS INTERPRETED FROM HOLE #2 CORES



DRILL LOG

HOLE #3

Site: Baseline 00 + 10E., 00 + 30N

Inclination: Vertical (90°)

Azimuth: N/A

Core Diameter: 24 MM

Collar Elevation: 192 Meters

<u>Date</u>	<u>Distance Drilled (Meters)</u>
April 13/83	4.6
14	6.1
15	15.2
16	<u>4.9</u>
Total Distance Drilled	30.8 Meters

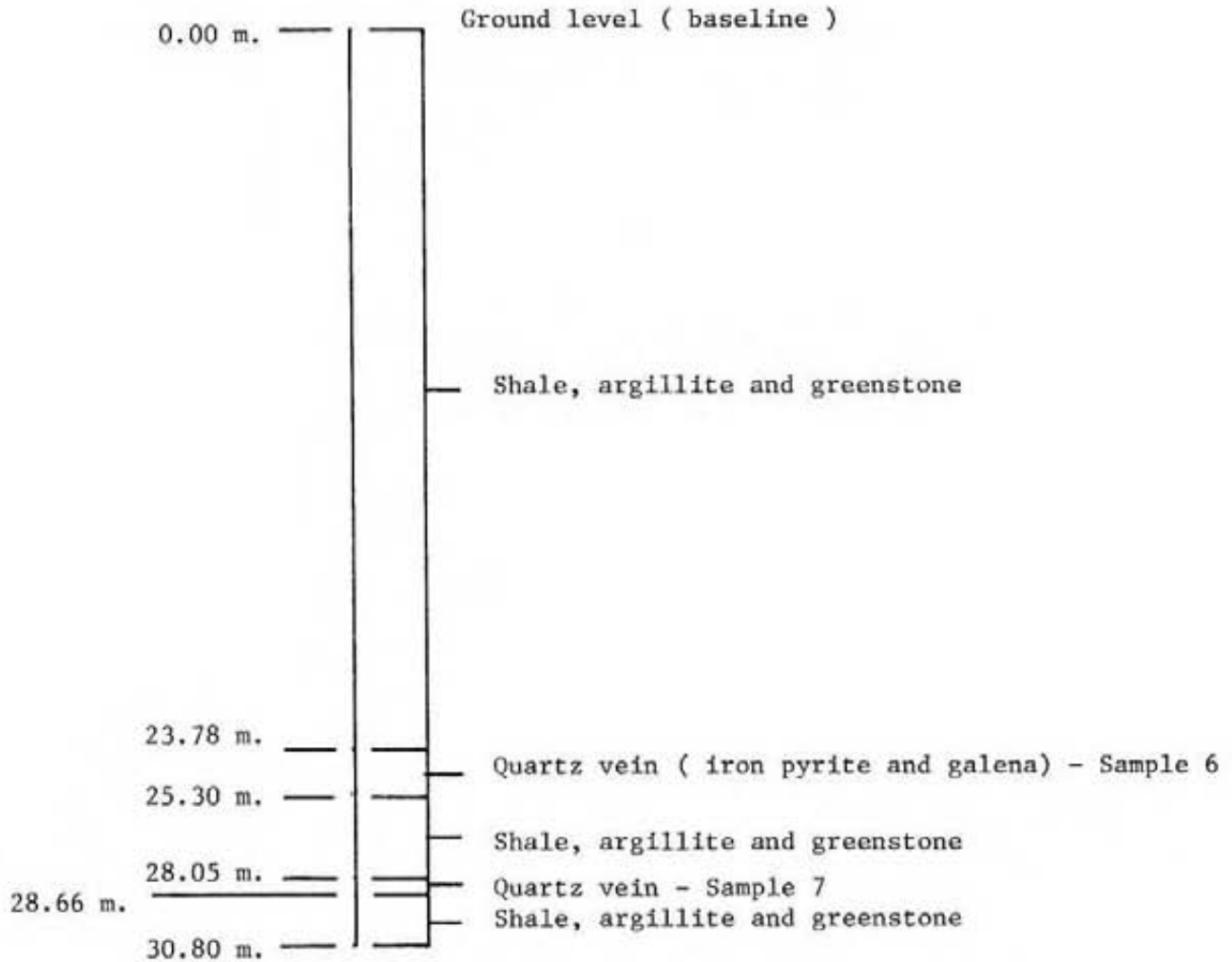
NOTE: SEE FOLLOWING PAGE FOR LOG INFORMATION REGARDING MINERALIZATION (CORE LOG)

Authorized Signature

Ernest Buck
E. Buck

DRAWING #8

DIAGRAM SHOWING ROCK FORMATION
AS INTERPRETED FROM HOLE #3 CORES



DRILL LOG

HOLE #4

Site: Baseline 00 + 25W, 00 + 30N

Inclination: 60°

Azimuth: 200°

Core Diameter: 24 MM

Collar Elevation: 204 Meters

<u>Date</u>	<u>Distance Drilled (Meters)</u>
April 18/83	6.7
19	5.8
20	7.6
21	<u>5.5</u>
Total Distance Drilled	25.6 Meters

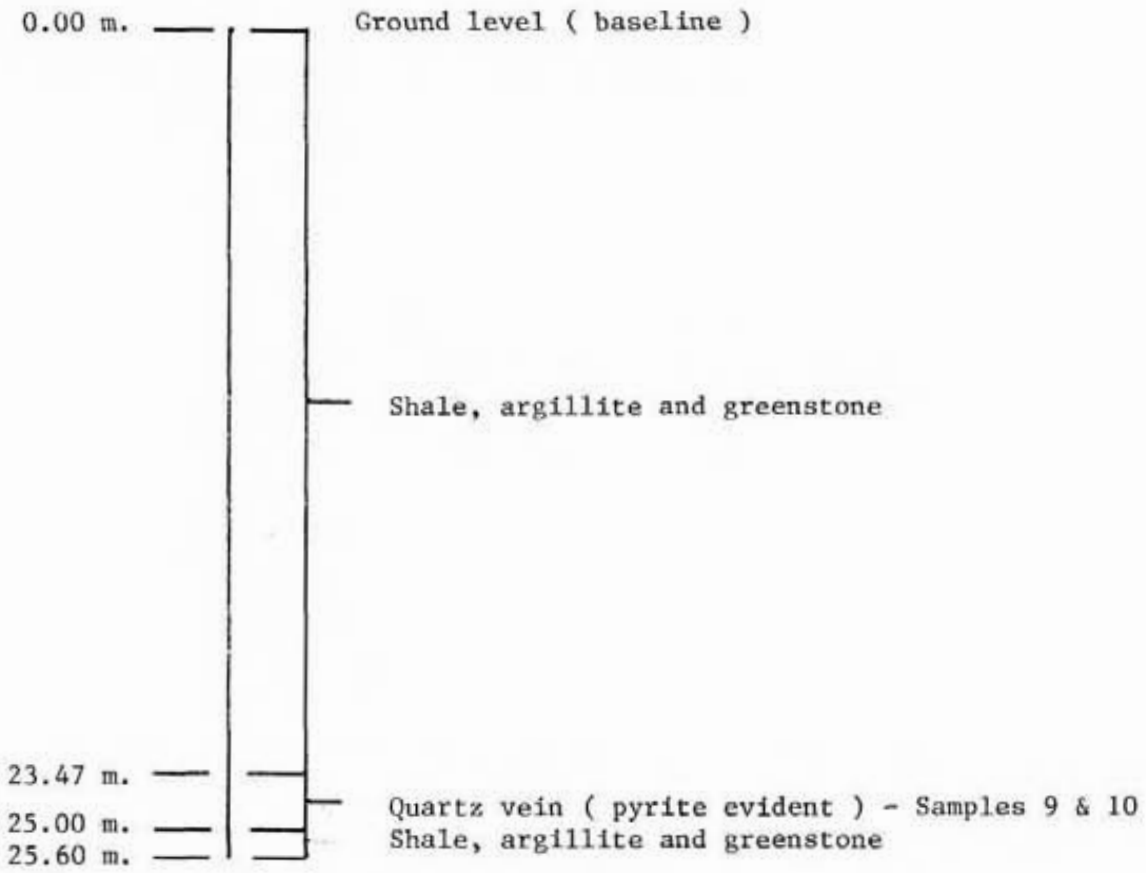
NOTE: SEE FOLLOWING PAGE FOR LOG INFORMATION REGARDING MINERALIZATION (CORE LOG)

Authorized Signature

E. Buck
E. Buck

DRAWING #9

DIAGRAM SHOWING ROCK FORMATION
AS INTERPRETED FROM HOLE #4 CORES



DRILL LOG

HOLE # 5

Site: Baseline 00 + 25W, 00 + 30N

Inclination: Vertical (90°)

Azimuth: N/A

Core Diameter: 24 MM

Collar Elevation: 204 Meters

<u>Date</u>	<u>Distance Drilled (Meters)</u>
April 22/83	6.4
23	9.8
24	4.9
25	11.3
26	<u>12.5</u>
Total Distance Drilled	44.9 Meters

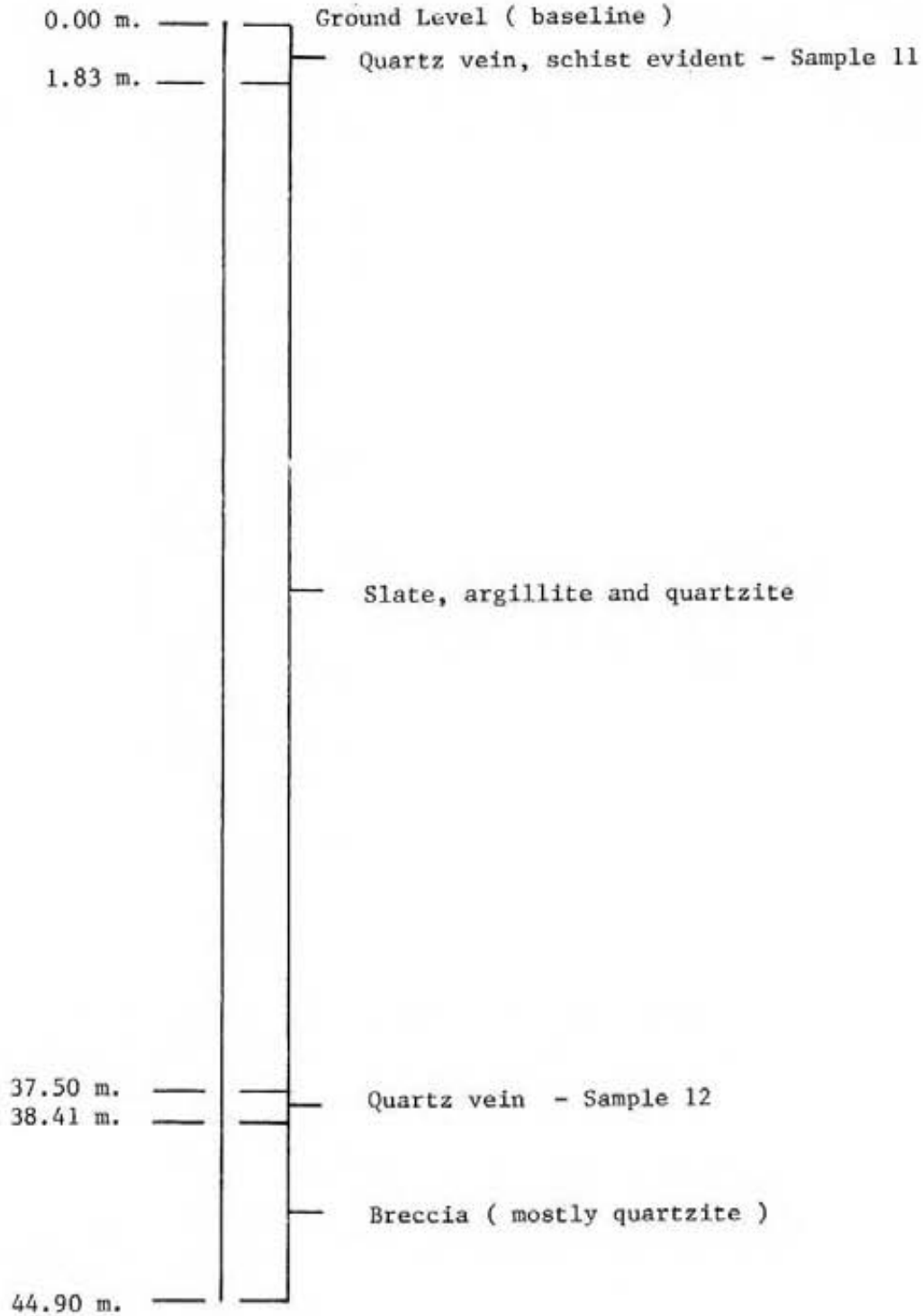
NOTE: SEE FOLLOWING PAGE FOR LOG INFORMATION REGARDING MINERALIZATION (CORE LOG)

Authorized Signature

Ernest Buck
E. Buck

DRAWING #10

DIAGRAM SHOWING ROCK FORMATION
AS INTERPRETED FROM HOLE #5 CORES



General Testing Laboratories

A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
PHONE (604) 254-1647 TELEX 04-507514 CABLE: SUPERVISE

TO:

FRANK BEBAN LOGGING LTD.
3249 Ross Road
Nanaimo, B.C.
V9T 2S3

CERTIFICATE OF ASSAY

No.: 8304-2053

DATE: Apr. 22/83

We hereby certify that the following are the results of assays on:

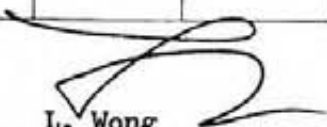
Ore

MARKED	GOLD	SILVER	XXX	XXX	XXX	XXX	I XX	XXX
	oz/st	oz/st						
1	0.002	trace						
2	0.005	trace						
3	0.006	trace						
4	0.004	trace						
5	0.005	trace						

APR 25

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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L. Wong

PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association
REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists' Society
OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

ITEMIZED COST STATEMENT - DRILLING

DATE	LABOUR COSTS Employee			*SUPPLIES	**TRAVEL & TRANSPORT	TOTAL (\$/DAY)
	#1 (195/Day)	#2 (130/Day)	#3 (162.50/Day)			
March 28	-	130.00	162.50	201.21	-	\$ 493.71
29	-	130.00	162.50	201.21	-	493.71
30	-	130.00	162.50	201.21	-	493.71
31	-	130.00	162.50	201.21	-	493.71
April 1	195.00	130.00	162.50	201.21	-	688.71
2	195.00	130.00	162.50	201.21	-	688.71
3	195.00	130.00	162.50	201.21	-	688.71
4	195.00	130.00	162.50	201.21	920.00	1,608.71
5	-	130.00	162.50	201.21	-	493.71
6	-	130.00	162.50	201.21	980.00	1,473.71
7	195.00	130.00	162.50	201.21	-	688.71
8	-	130.00	162.50	201.21	780.00	1,273.71
9	-	130.00	162.50	201.21	-	493.71
10	-	130.00	162.50	201.21	-	493.71
11	195.00	130.00	162.50	201.21	940.00	1,628.71
12	195.00	130.00	162.50	201.21	-	688.71
13	-	130.00	162.50	201.21	-	493.71
14	-	130.00	162.50	201.21	-	493.71
15	-	130.00	162.50	201.21	-	493.71
16	195.00	130.00	162.50	201.21	-	688.71
17	195.00	130.00	162.50	201.21	-	688.71
18	-	130.00	162.50	201.21	760.00	1,253.71
19	-	130.00	162.50	201.21	-	493.71
20	-	130.00	162.50	201.21	-	493.71
21	195.00	130.00	162.50	201.21	-	688.71
22	-	130.00	162.50	201.21	-	493.71
23	-	130.00	162.50	201.21	-	493.71
24	-	130.00	162.50	201.21	-	493.71
25	195.00	130.00	162.50	201.21	-	688.71
26	195.00	130.00	162.50	201.21	-	688.71
27	-	130.00	162.50	201.21	980.00	<u>980.00</u>
Total Costs -						<u>\$22,511.30</u>

* Supply costs were calculated using the same formula as indicated on Page 3 (calculation of supply costs for Physical Work)

2.0 General Summary of Costs

Total Physical Work (as indicated on page 3)	\$ 7,023.00
Total Drilling Cost (as indicated on page 11)	22,511.30
Total Report Preparation Cost	<u>400.00</u>
Total	\$ <u>29,934.30</u>

STATEMENT OF QUALIFICATION

OLALLA BRITISH COLUMBIA MAY 20 1983

I ERNEST BUCK PROSPECTOR RESIDING ON HIGHWAY #3A AT OLALLA BRITISH COLUMBIA BELIEVE THAT THE ABOVE REPORT ON DRILLING AND EXPLORATION ON THE WALAKIS MINING PROPERTY IS ACCURATE AND AS COMPLETE AS POSSIBLE

I HAVE TAKEN THE DEPARTMENT OF VETERANS AFFAIRS MINING AND EXPLORATION COURSES FOR SERVICE PERSONNEL AND ALSO THE BRITISH COLUMBIA DEPARTMENT OF MINES PROSPECTING AND EXPLORATION COURSE MANY YEARS AGO.

I HAVE SINCE BEEN EMPLOYED WITH MINING AND EXPLORATION COMPANIES AND CONSULTATION FIRMS OF GEOLOGIST AND ENGINEERS.

I HAVE ALSO SPENT MANY SEASON AS A "GRUB-STAKED PROSPECTOR" IN BRITISH COLUMBIA.

ERNEST BUCK

FREE MINER CERTIFICATE #

#245672

RR #1 KEREMEOS B.C.

VOX 1NO

Ernest Buck