

Assessment - Drilling Work Report

on

The Millie Mack Claim Group
Blue Grouse Mountain, B.C.

Triumph Crown Grant	Lot No.	4194
Wolf Crown Grant	Lot No.	1830
Inpregnable Crown Grant	Lot No.	4195
Rainbow Crown Grant	Lot No.	4193
Gold Ring Crown Grant	Lot No.	1828
Millie Mack Crown Grant	Lot No.	1831
Black Bear Fr. Crown Grant	Lot No.	14850
H.E.F. Fr. Crown Grant	Lot No.	14849
Great Western Crown Grant	Lot No.	2200

<u>Claim Name</u>	<u>Number Units</u>	<u>Record No.</u>
RWS	20	1188
LMS	10	1189
DLS	20	1190
LAS	20	1191

Slocan Mining Division
N.T.S. Map Reference 82K/4E, 82K/4W
Latitude: 50° 03' N, Longitude: 117° 44' W

Owner: Wayne Smith et al.
Operator: Semper Resources Inc.

by

Malcolm G. Mooney, P. Eng.
1012 - 475 Howe St.
Vancouver, B.C. V6C 2B3
February, 1981

Submitted, February 18, 1981

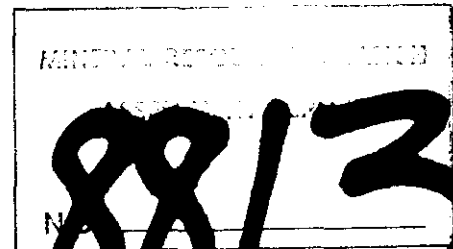
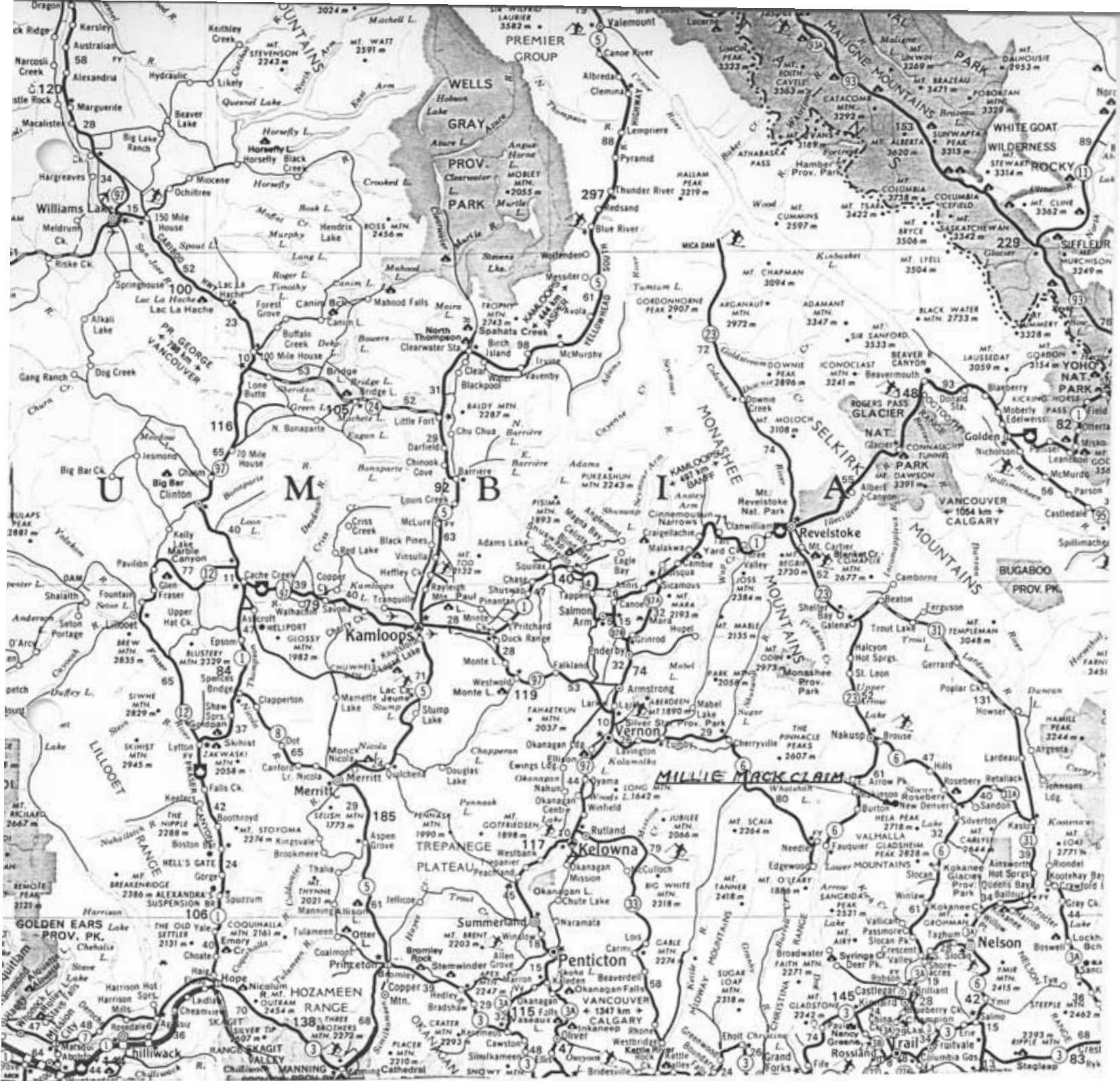


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SEMPER RESOURCES INC.

MILLIE MACK PROPERTY

INDEX MAP



February, 1981

M. G. Mooney,
P. Eng.

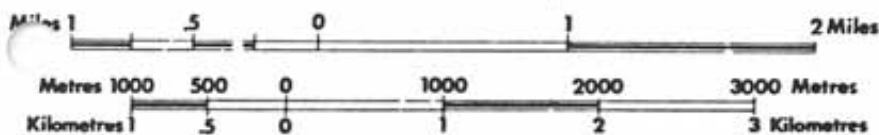
Fig. I



117°45'



Province of British Columbia
Ministry of Energy Mines and Petroleum Resources



SEMPER RESOURCES INC.
MILLIE MACK PROPERTY
CLAIM MAP

FEB. 1981 M.G. MOONEY, P. ENG.

N.T.S. B2K/4

msm

Introduction

1. Location and Access

The Millie Mack Property is situated on Blue Grouse Mountain approximately 16 kilometers East of Burton (Fig. 1) - a town located on Highway 6, 38 kilometers South of Nakusp, B.C.

A gravel road along the North side of Caribou Creek, 24 kilometers long leads to the property. The last six kilometers of road switch back steeply up the South slope of Blue Grouse Mountain to the main workings lying at approximately 2100 meters.

2. Property Definition

The Millie Mack Property comprises nine Crown Granted Mineral Claims and fractions plus six staked mineral claims totalling 105 units, encompassing approximately 2650 hectares. (Fig. 2).

Crown Granted Mineral Claims

<u>Claim Name</u>	<u>District Lot Number</u>
Triumph Crown Grant	4194
Wolf Crown Grant	1830
Inpregnable Crown Grant	4195
Rainbow Crown Grant	4193
Gold Ring Crown Grant	1828
Millie Mack Crown Grant	1831
Black Bear Fr. Crown Grant	14850
H.E.F. Crown Grant	14849
Great Western Crown Grant	2200

Crown Granted Mineral Claims are registered in the Nelson Land Registry.

<u>Claim Name</u>	<u>Number Units</u>	<u>Record No.</u>
BWS	20	1188
LMS	10	1189
DLS	20	1190
LAS	20	1191

These claims are located in the Slocan Mining Division and are recorded at Kaslo, B.C.

N.T.S. reference maps for the above mineral claim are 82K/4E (M) and 82k/4W (M).

Mineral exploration was initiated in the Millie Mack Crown Grant area about 1895, leading to the early location of the above mentioned nine Crown Grants. A brief review of the early history shows:

1. Acquisition by Kamloops Gold Mining and Development Co. with some shipments starting in 1899.
2. Property was purchased by H. Forster who carried out intermittent development over the next 30 years. Approximately 800 meters of drifting and raising was carried out. According to Mr. Forster's report 450 tons were produced grading as follows:

Au 1.02 oz/t; Ag 100 oz/t; Pb 8%/t; Zn 7%/t.

In 1960, there is a recorded production of 13.9 tons grading:

Au 0.44 oz/t; Ag 9.8 oz/t; 3.7% combined Pb Zn/t.

In 1967, Richwood Silver acquired the property and carried an exploration program covering geological mapping, bulldozer trenching, channel sampling of trenches, and dump samples. Richwood Silver shipped 24.4 tons grading:

Au 0.22 oz/t; Ag 9.0 oz/t; 3.3% combined Pb Zn/t.

Geophysical and geochemical surveys were carried over the Crown Grants and a portion of the RWS and WDS claims in 1971 and 1972.

In 1979, Messrs. Craik and Smith of Kelowna, B.C. operated a trommel - jig, and produced approximately 80 tons grading:

Au 0.22 oz/t; Ag 8.4 oz/t; Pb 1.24%/t; Zn 0.86%/t; SiO₂ 61%/t.

GEOLOGY

The top of Blue Grouse Mountain is composed of an isolated pendant of pelites and argillite of the lower Slocan Group. Faulted and sheared sequences of graphitic argillite and schist at the base of this pendant, overlie a footwall of andesite/dacite have been mapped as part of the Rossland Group Volcanics and are considered to be lower Jurassic and Triassic Age. Mineralization occurs in the graphitic argillite/schist. Repeated movements have reduced the original quartz veins carrying galena and sphalerite to material varying from microscopic grains to boulders several tons in size. Boulders and footwall show slicken sides and rounding from the repeated movements. Distribution of the mineralization throughout the graphitic schist varying three to ten meters in thickness is erratic and presents a difficult sampling problem.

Sufficient exploration work and sampling have not been performed in order to arrive at a grade and tonnage.

2. Drilling

The purpose of drilling was two-fold a) to extend the limits of the known mineralization b) to test the down-the-hole hammer method for sampling a highly graphitic schist containing irregularly sized and distributed mineralized quartz fragments. Preliminary results suggest a placer sampling method may be more feasible for this type of deposit.

a) Drilling Costs. Period: September 29, 1980 to October 24, 1980.

1. Becker Drill Model CSR 1000. Hourly rate	
\$156.00. 153 hours @ \$156.00	\$ 23,868.00
Standby 4 hours @ \$125.00	500.00
Bits	2,858.67
Travel time (3 man crew). \$40.00/hour	
times 71 hours.	2,840.00
Dryer, pans, lumber.	337.52
Mobilization: Calgary - Burton, B.C. -	
Calgary, Alta.	4,800.00
Supervision	3,000.00
Sampler 25 days @ \$80.00/day	2,000.00
	<u>\$ 40,427.13</u>

Itemized cost statement covering actual drilling costs is enclosed (Appendix /).

- b) A surface plan of drill hole location is attached (in pocket).

Rotary drilling was contracted out to S.D.S. Drilling, 1217 Frances St., Vancouver, B.C. A Becker Drill, Model CSR 1000 with a Down-the-Hole hammer was used. Hole diameter is approximately 13.7 cms. Maximum drilling rate obtained was 62 meters in one day (ten hours). As of October 24, 1980, 36 rotary holes were drilled totalling 925.3 meters. All holes were collared in bedrock and were vertical. (See Appendix for description of Down-the-Hole hammer method).

SAMPLING

Holes were sampled in 1.52 meter sections throughout the mineralized zone. Approximately 27 kgs. of cuttings were obtained per 1.5 meter section. A Jones type riffle was used to obtain a one-eighth split. Two samples were taken from each 1.5 meter section - one of which was sent to Loring Labs in Calgary, Alberta for lead, zinc, silver, and gold assay. The other samples are stored in Burton, B.C. Logs and assays for each hole are attached in Appendix 2,3.

C E R T I F I C A T E

I, Malcolm G. Mooney, with business and residential address at Box 2027, Station "R", Kelowna, B.C., do hereby certify that:

1. I am a graduate of the University of British Columbia (B.A. Geology, 1956).
2. I am a registered Professional Engineer of the Province of British Columbia. Reg. No. 8148.
3. I have practiced my profession continuously since graduation.

February 18, 1981

Respectfully submitted,

M. G. Mooney

M. G. Mooney, P. Eng.

Kelowna, B.C.



SDS DRILLING

1217 Frances Street, Vancouver, BC V6A 1Z4

DIVISION OF SDS INDUSTRIES LTD.

4636 161 STREET S.E. XXXXXX
VANCOUVER, ALBERTA T2B 2L3
PHONE (403) 287-1460 XXXXXX

Rig 601-12
Invoice 5394
Date October 6, 1980

Client - Project No _____

SDS - Job No V16

Semper Resources Ltd.
1012 - 475 Howe Street
Vancouver BC V6C 2B3

ATTENTION: Mr. Jim Billingsley

Billing Period _____ To _____ Location Burton

MOBILIZATION &
DEMOBILIZATION

1 lumpsum @ 4800.00

4,800.00

mitte mach

*O.K.
[Signature]*

1090

Appendix 1

Terms:
Payment due 30 days from receipt
Interest charged at 1 1/2% per month over 30 days
Make cheques payable to above address

TOTAL 4,800.00



SDS DRILLING

1217 Frances Street Vancouver BC

V6A 1Z4

DIVISION OF SDS INDUSTRIES LTD.

XXXXXX STREET XXXX
 CALGARY ALBERTA T2G 2L8
 XXXXX XXXX XXXX

Rig 601-12
 Invoice 5399
 Date October 23, 1980
 Client - Project No _____
 SDS - Job No V16

Semper Resources Ltd.
 1012 - 475 Howe Street
 Vancouver BC V6C 2B3

ATTENTION: Mr. Jim Billingsley

Billing Period September 29 To October 11, 1980 Location Burton

September 29 - October 4, 1980

HOURLY	49.5 hours	@	156.00/hour	7,722.00
TRAVEL TIME	16.5 hours	@	40.00/hour	660.00
5" ROCK BIT	1 only	@	217.92/each	217.92
5 1/8" ROCK BIT	1 only	@	250.62/each	250.62
5" HAMMER BIT	1 only	@	734.00/each	734.00
Subtotal				9,584.54

October 5 - October 11, 1980

HOURLY	73 hours	@	156.00/hour	11,388.00
TRAVEL TIME	21 hours	@	40.00/hour	840.00
5 1/8" ROCK BIT	1 only	@	250.62/each	250.62
PLANKING	1 only	@	20.00/each	20.00
STANDBY	.5 hours	@	125.00/hour	62.50
Subtotal				12,561.12

O.K. for payment

1105

Terms:
 Payment due 30 days from receipt
 Interest charged at 1 1/2 % per month over 30 days
 Make cheques payable to above address

TOTAL 22,145.66



SDS DRILLING

1217 Frances Street, Vancouver BC

V6A 1Z4

DIVISION OF SDS INDUSTRIES LTD.
4636 - 1st STREET S.E.
CALGARY, ALBERTA T2G 2L3
PHONE (403) 287-1460

Rig 601-12
Invoice 5418
Date November 5, 1980
Client - Project No _____
SDS - Job No V16

Semper Resources Ltd.
1012 - 475 Howe Street
Vancouver BC V6C 2B3

ATTENTION: Mr. Jim Billingsley

Billing Period October 12 To October 18, 1980 Location Burton

HOURLY	40	hours	@	156.00/hour	6,240.00
TRAVEL TIME	12	hours	@	40.00/hour	480.00
5 1/8" WM ROCK BIT	1	only	@	250.62/each ✓	250.62
5" ROCK BIT	1	only	@	217.92/each ✓	217.92
5 1/8" MISSION BIT	1	only	@	757.00/each ✓	757.00

*Semper Resources
Attn: Mr. Jim Billingsley*

*Approved by Tel call
11/11 Murray House/80
[Signature]*

#1160

Terms:

Payment due 30 days from receipt
Interest charged at 1 1/2% per month over 30 days
Make cheques payable to above address

TOTAL

7,945.54



SDS DRILLING

1217 Frances Street, Vancouver BC

V6A 1Z4

DIVISION OF SDS INDUSTRIES LTD.

XXXXXX 1217 STREET SW XXXXX
 XXXXX CALGARY ALBERTA T2C 2L3
 XXXXX PHONE (403) 287-1950 XXXXX

Rig 601-12
 Invoice 5435
 Date November 14, 1980
 Client - Project No _____
 SDS - Job No V16

Semper Resources Ltd.
 1012 - 475 Howe Street
 Vancouver BC V6C 2B3

ATTENTION: Mr. Jim Billingsley

Billing Period October 19 To November 1, 1980 Location Burton

October 19 - October 25, 1980

HOURLY	63.5	hours	@	156.00/hour	9,906.	00
TRAVEL TIME	14.5	hours	@	40.00/hour	580.	00
TRUCK RENTAL	1	only	@	223.00/each	223.	00
4 7/8" BARREL ROCK BIT	1	only	@	179.97/each	179.	97
5 1/8" ROCK BIT	1	only	@	250.62/each	250.	62
STANDBY	3.5	hours	@	125.00/hour	437.	50
SAMPLE DRIER	1	only	@	204.00/each	204.	00
BREAD PANS	1	only	@	23.72/each	23.	72
BREAD PANS	1	only	@	89.80/each	89.	80
				Subtotal	11,894.	61

October 26 - November 1, 1980

HOURLY	70.5	hours	@	156.00/hour	10,998.	00
TRAVEL TIME	14	hours	@	40.00/hour	560.	00
STANDBY	1	hour	@	125.00/hour	125.	00
7 7/8" WM ROCK BIT	1	only	@	250.00/each	250.	00
5 1/8" WM ROCK BIT	1	only	@	250.62/each	250.	62
				Subtotal	12,183.	62

*John Mooney
9 Dec 80*

Terms:
 Payment due 30 days from receipt
 Interest charged at 1 1/2% per month over 30 days
 Make cheques payable to above address

TOTAL 24,078. 23

Property: Millie Mack
 Rotary Drill Holes
 Date: October - November - 1980
 Angle: All holes vertical

Semper Resources Inc.

All measurements in
 metric

R1 - 80	Depth 0 - 12.8	<u>Ore Zone</u>	<u>Rock Type</u>
		Bedrock	
S.N.	32176	0 - 1.52m	Graphitic Argillite
	177	1.52 - 3.05	Graphitic Argillite
	178	3.05 - 4.57	Andesite ?
		4.57 - 12.8	Andesite
R2 - 80	Depth 0 - 21.3	Bedrock	
S.N.	32185	0 - 1.52m	Graphitic Argillite
	186	1.52 - 3.05	Graphitic Argillite
	187	3.05 - 4.57	Graphitic Argillite ?
		4.57 - 21.3	Andesite
R3 - 80	Depth 0 - 27.43	Bedrock	
S.N.	32199	0 - 1.52m	Graphitic Argillite
	200	1.52 - 3.05	Graphitic Argillite
	201	3.05 - 4.57	Graphitic Argillite
	202	4.57 - 6.1	Graphitic Argillite ?
		6.1 - 27.43	Andesite
R4 - 80	Depth 0 - 21.3	Bedrock	
S.N.	32217	0 - 1.52m	Graphitic Argillite
	218	1.52 - 3.05	Graphitic Argillite
	219	3.05 - 4.57	Graphitic Argillite ?
		4.57 - 21.3	Andesite
R5 - 80	Depth 0 - 13.7	Bedrock	
S.N.	32256	0 - 1.52m	Graphitic Argillite
	257	1.52 - 3.05	Graphitic Argillite
	258	3.05 - 4.57	Graphitic Argillite ?
	32262	9.1 - 10.6	?
		4.57 - 13.7	Andesite
R6 - 80	Depth 0 - 13.7	Bedrock	
S.N.	32265	0 - 1.52m	Graphitic Argillite
	266	1.52 - 3.05	Graphitic Argillite
	267	3.05 - 4.57	Graphitic Argillite ?
		4.57 - 15.2	Andesite

S.N. = Sample Number

	Depth	Ore Zone	Rock Type
R7 - 80	0 - 15.2		
		Bedrock	
S.N. 32274		0 - 1.52m	Graphitic Argillite
275		1.52 - 3.05	Graphitic Argillite
276		3.05 - 4.57	Graphitic Argillite ?
		4.57 - 6.1	Andesite
		6.1 - 15.2	Andesite
R8 - 80	0 - 15.2		
		Bedrock	
S.N. 32284		0 - 1.52m	Graphitic Argillite
285		1.52 - 3.05	Graphitic Argillite
286		3.05 - 4.57	Graphitic Argillite
		4.57 - 13.7	Andesite
32293		13.7 - 15.2	Graphitic Argillite
R9 - 80	0 - 15.2		
		Bedrock	
S.N. 32294		0 - 1.52m	Graphitic Argillite
295		1.52 - 3.05	Graphitic Argillite
296		3.05 - 4.57	Graphitic Argillite
297		4.57 - 6.1	Graphitic Argillite
		6.1 - 15.2	Andesite
R10 - 80	0 - 15.2		
		Bedrock	
S.N. 32129		0 - 1.52m	Graphitic Argillite
130		1.52 - 3.05	Graphitic Argillite
131		3.05 - 4.57	Graphitic Argillite
132		4.57 - 6.1	Graphitic Argillite
133		6.1 - 7.6	Graphitic Argillite ?
134		7.6 - 9.1	Graphitic Argillite
135		9.1 - 10.6	Graphitic Argillite
136		10.6 - 15.2	Andesite
R11 - 80	0 - 22.25		
		Bedrock	
S.N. 32139		0 - 1.52m	K.S.
140		1.52 - 3.05	Graphitic Argillite
141		3.05 - 4.57	Graphitic Argillite
142		4.57 - 6.1	Graphitic Argillite
143		6.1 - 7.6	Graphitic Argillite
144		7.6 - 9.1	Graphitic Argillite
		10.6 - 22.25	Andesite
R12 - 80	0 - 21.34		
		Bedrock	
S.N. 13978		0 - 3.05m	Slocan Seds.
979		3.05 - 4.57	Graphitic Argillite
980		4.57 - 6.1	Graphitic Argillite
981		6.1 - 7.6	Graphitic Argillite
982		7.6 - 9.1	Graphitic Argillite
983		9.1 - 10.6	Graphitic Argillite
		10.6 - 12.2	Graphitic Argillite ?
		12.2 - 21.34	Andesite

R13 - 80		Depth 0 - 16.76	<u>Ore Zone</u>	<u>Rock Type</u>
			Bedrock	
			0 - 3.05m	Slocan Seds.
S.N.	13990		3.05 - 4.57	Graphitic Argillite
	991		4.57 - 6.1	Graphitic Argillite
	992		6.1 - 7.6	Graphitic Argillite
	993		7.6 - 9.1	Graphitic Argillite
	994		9.1 - 10.6	Graphitic Argillite
	995		10.6 - 12.2	Graphitic Argillite
	996		12.2 - 13.7	Graphitic Argillite
	997		13.7 - 15.2	Graphitic Argillite
	998		15.2 - 16.76	Andesite
R14 - 80		Depth 0 - 16.76		
			Bedrock	
			0 - 1.52m	Graphitic Argillite
S.N.	13999		1.52 - 3.05	Graphitic Argillite
	14000		3.05 - 4.57	Graphitic Argillite
	22101		4.57 - 6.1	Graphitic Argillite
	102		6.1 - 7.6	Graphitic Argillite
	103		7.6 - 9.1	Graphitic Argillite
	104		9.1 - 10.6	Graphitic Argillite
	105		10.6 - 12.2	Graphitic Argillite
	106		13.7 - 15.2	Graphitic Argillite
	107		15.2 - 16.76	Andesite
	108			
R15 - 80		Depth 0 - 21.34		
			Bedrock	
			0 - 1.52m	Slocan Seds.
S.N.	22110		1.52 - 3.05	Graphitic Argillite
	22111 - 22121		3.05 - 19.8	Graphitic Argillite
	22122		19.8 - 21.34	Andesite
R16 - 80		Depth 0 - 24.4		
			Bedrock	
			0 - 4.57m	Slocan Seds.
S.N.	22123		4.57 - 6.1	Graphitic Argillite
	22124 - 22131		6.1 - 18.3	Graphitic Argillite
	22132 - 22135		18.3 - 24.4	Andesite
R17 - 80		Depth 0 - 21.3		
			Bedrock	
			0 - 6.1m	Slocan Seds.
S.N.	22136		6.1 - 7.6	Graphitic Argillite
	22137 - 22144		7.6 - 19.8	Graphitic Argillite
	22145		19.8 - 21.3	Andesite
R18 - 80		Depth 0 - 19.8		
			Bedrock	
			0 - 6.1m	Slocan Seds.
S.N.	22146		6.1 - 7.6	Graphitic Argillite
	22146 - 22154		7.6 - 19.8	Graphitic Argillite

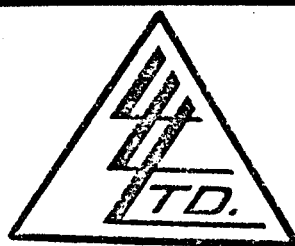
		<u>Ore Zone</u>	<u>Rock Type</u>
R19 - 80	Depth 0 - 21.64		
		Bedrock	
S.N.		0 - 9.1m	Slocan Seds.
22155		9.1 - 10.6	Graphitic Argillite
22156 - 22160		10.6 - 20.7	Graphitic Argillite
22161		20.7 - 21.64	Andesite
R20 - 80	Depth 0 - 22.8		
		Bedrock	
S.N.		0 - 3.05m	Slocan Seds.
22162		3.05 - 4.57	L. Graphitic Argillite
22163 - 22169		4.57 - 15.2	L. Graphitic Argillite
22170 - 22172		15.2 - 19.8	L. Graphitic Argillite
22173 - 22174		19.8 - 22.8	Andesite
R21 - 80	Depth 0 - 22.8		
		Bedrock	
S.N.		0 - 14.9m	Slocan Seds.
22175		14.9 - 16.76	Graphitic Argillite
22176 - 22178		16.7 - 21.3	Graphitic Argillite
22179		21.3 - 22.8	Andesite
R22 - 80	Depth 0 - 20.73		
		Bedrock	
S.N.		0 - 11.3m	Slocan Seds.
22180		11.3 - 12.2	Graphitic Argillite
22181 - 22185		12.2 - 19.8	Graphitic Argillite
22186		19.8 - 20.73	L. Graphitic Argillite
R23 - 80	Depth 0 - 21.3		
		Bedrock	
S.N.		0 - 12.8m	Slocan Seds.
22187		12.8 - 13.7	Graphitic Argillite
22188 - 22191		13.7 - 19.8	Graphitic Argillite
22192		19.8 - 21.3	Andesite
R24 - 80	Depth 0 - 24.4		
		Bedrock	
S.N.		0 - 19.2m	Slocan Seds.
22193		19.2 - 19.8	Graphitic Argillite
22194 - 22196		19.8 - 24.4	Graphitic Argillite
R27 - 80	Depth 0 - 39.6		
		Bedrock	
S.N.		0 - 1.8m	Slocan Seds.
22206		1.8 - 3.05	Graphitic Argillite
22207 - 22211		3.05 - 10.6	Graphitic Argillite
22212 - 22217		10.6 - 19.8	Sy. Andesite ?
22218 - 22230		19.8 - 39.6	Graphitic Argillite

R28 - 80	Depth 0 - 39.01	Ore Zone	Rock Type
		Bedrock	
S.N.		0 - 1.52m	Slocan Seds.
22231		1.52 - 3.05	Graphitic Argillite
22232 - 22235		3.05 - 12.2	Graphitic Argillite
22236 - 22244		12.2 - 25.9	Andesite ?
22345 - 22249		25.9 - 32.6	Graphitic Argillite
22250		36.9 - 39.01	Andesite ?
R32 - 80	Depth 0 - 36.6		
		Bedrock	
S.N.		0 - 20.4m	Slocan Seds.
22313		20.4 - 21.34	Graphitic Argillite
22314 - 22321		21.34 - 33.5	Graphitic Argillite
22322 - 22323		33.5 - 36.6	Andesite ?
R33 - 80	Depth 0 - 32		
		Bedrock	
S.N.		0 - 7.6m	Slocan Seds.
22324		7.6 - 9.1	Graphitic Argillite
22325 - 22338		9.1 - 30.5	Graphitic Argillite
22339		30.5 - 32	Andesite ?
R34 - 80	Depth 0 - 36.9		
		Bedrock	
S.N.		0 - 10.6m	Slocan Seds.
22409		10.6 - 12.2	Graphitic Argillite
22410 - 22414		13.7 - 18.3	Graphitic Argillite
22415 - 22416		18.3 - 21.3	Andesite ?
22417 - 22425		21.3 - 35	Graphitic Argillite
22426		36.9	Andesite ?
R35 - 80	Depth 0 - 48.16		
		Bedrock	
S.N.		0 - 18.6m	Slocan Seds.
22340		18.6 - 19.8	Graphitic Argillite
22341 - 22345		19.8 - 27.4	Graphitic Argillite
22346 - 22351		27.4 - 36.6	Andesite ?
22352 - 22358		36.6 - 47.2	Graphitic Argillite
22359		47.3 - 48.16	Andesite ?
R36 - 80	Depth 0 - 54.8		
		Bedrock	
S.N.		0 - 21.3m	Slocan Seds.
22363 - 22375		21.3 - 41.15	Graphitic Argillite
R37 - 80	Depth 0 - 51.2		
		Bedrock	
S.N.		0 - 18.3	Slocan Seds.
22386 - 22387		18.3 - 21.34	Graphitic Argillite
22392 - 22396		27.4 - 35.05	Graphitic Argillite
22401 - 22407		42.6 - 51.8	Graphitic Argillite

	<u>Depth</u>	<u>Ore Zone</u>	<u>Rock Type</u>
R38 - 80	0 - 46.6		
		<u>Bedrock</u>	
S.N.		0 - 15.54m	Slocan Seds.
22427 - 22430		15.54 - 21.34	Graphitic Argillite
22433		24.3 - 25.9	Graphitic Argillite
22437 - 22444		30.5 - 44.22	Graphitic Argillite
R39 - 80	0 - 41.15		
		<u>Bedrock</u>	
S.N.		0 - 15.8m	Slocan Seds.
22448 - 22452		15.8 - 22.8	Graphitic Argillite
22456 - 22461		27.4 - 36.6	Graphitic Argillite
		41.15	Andesite
R40 - 80	0 - 36.6		
		<u>Bedrock</u>	
S.N.		0 - 12.8m	Slocan Seds.
22465 - 22468		12.8 - 19.8	Graphitic Argillite
22474 - 22477		27.4 - 33.5	Graphitic Argillite
		33.5 - 36.6	Andesite
R41 - 80	0 - 39.6		
		<u>Bedrock</u>	
S.N.		0 - 8.2m	Slocan Seds.
24480		8.2 - 9.1	Graphitic Argillite
24482 - 486		10.6 - 18.3	Graphitic Argillite
24492 - 492		25.9 - 36.6	Graphitic Argillite
		36.6 - 39.6	Andesite
R42 - 80	0 - 33.5		
		<u>Bedrock</u>	
S.N.		0 - 7.6m	Slocan Seds.
22551 - 22557		7.6 - 18.3	Graphitic Argillite
22564 - 22566		27.4 - 32	Graphitic Argillite
		32 - 33.5	Andesite
R43 - 80	0 - 24.3		
		<u>Bedrock</u>	
S.N.		0 - 10.36m	Slocan Seds.
22568 - 22571		10.36 - 16.76	Graphitic Argillite
22573 - 22574		18.3 - 21.34	Graphitic Argillite
		21.34 - 24.3	Andesite
R44 - 80	0 - 24.4		
		<u>Bedrock</u>	
S.N.		0 - 13.4m	Slocan Seds.
22527 - 22530		13.4 - 19.8	Graphitic Argillite
22532 - 22533		21.3 - 24.4	Graphitic Argillite
R45 - 80	0 - 21.34		
		<u>Bedrock</u>	
S.N.		0 - 12.8m	Slocan Seds.
22534 - 22538		12.8 - 19.8	Graphitic Argillite
		19.8 - 21.34	Andesite

		<u>Ore Zone</u>	<u>Rock Type</u>
R46 - 80	Depth 0 - 19.8		
S.N.		Bedrock	Slocan Seds.
22540 - 22544		0 - 12.2m	Graphitic Argillite
		12.2 - 19.8	
R47 - 80	Depth 0 - 21.34		
S.N.		Bedrock	Slocan Seds.
22545 - 22546		0 - 12.2m	Graphitic Argillite
		12.2 - 15.2	Andesite
		15.2 - 21.34	
R48 - 80	Depth 0 - 21.34		
S.N.		Bedrock	Slocan Seds.
22501 - 22502		0 - 12.4m	Graphitic Argillite
		12.5 - 15.2	Andesite
		15.2 - 21.34	
R49 - 80	Depth 0 - 33.5		
S.N.		Bedrock	Slocan Seds.
22507 - 22509		0 - 25.5m	Graphitic Argillite
		23.5 - 27.4	Andesite
		27.4 - 33.5	
R50 - 80	Depth 0 - 27.74		
S.N.		Bedrock	Slocan Seds.
22514		0 - 27.74m	Graphitic Argillite
		27.1 - 27.74	
R51 - 80	Depth 0 - 21.34		
S.N.		Bedrock	Slocan Seds.
		0 - 15.2m	Graphitic Argillite
		15.2 - 19.8	Andesite
		19.8 - 21.34	
R52 - 80	Depth 0 - 21.34		
S.N.		Bedrock	Slocan Seds.
22524 - 22525		0 - 16.1m	Graphitic Argillite
		16.7 - 19.8	Andesite
		19.8 - 21.34	
R53 - 80	Depth 0 - 21.34		
S.N.		Bedrock	Slocan Seds.
22578 - 22580		0 - 15.2m	Graphitic Argillite
		15.2 - 19.8	Andesite
		19.8 - 21.34	
R54 - 80	Depth 0 - 27.4		
S.N.		Bedrock	Slocan Seds.
22582 - 22585		0 - 7.9m	Graphitic Argillite
22589 - 22591		7.9 - 13.7	Graphitic Argillite
		18.3 - 22.8	Andesite
		22.8 - 27.4	

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20469
 Date October 25, 1980
 Samples Drill Chip

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 1

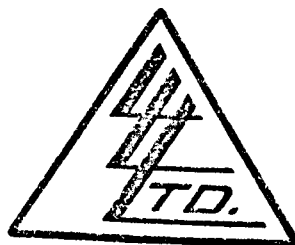
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 1-80-A</u>				
0-5	Trace	.56	.01	.03
5-10	Trace	.34	.02	.04
10-15	Trace	.24	Trace	.02
15-20	Trace	.26	.01	.02
20-25	.010	.24	Trace	.02
25-30	Trace	.18	.01	.01
30-35	Trace	.06	Trace	.01
35-40	Trace	.10	Trace	.02
40-42	.020	1.84	.52	.32
10-80-B 30-35	Trace	.18	Trace	.01
10-80-B 40-45	Trace	.22	.04	.03
<u>Hole # 12-80-A</u>				
10-15	Trace	.04	.01	.05
15-20	.020	.44	.02	.02
20-25	Trace	1.44	.10	.10
25-30	.010	1.42	.30	.17
30-35	Trace	.82	.11	.07
35-40	.010	.18	.04	.03
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES				

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

D. Enders

Appendix 3

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20169
 Date October 25, 1980
 Samples Drill Chip

Certificate of
 ASSAY OF
 LORING LABORATORIES LTD.

Page # 3

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 15-80-A</u>				
5-10	Trace	.22	.04	.02
10-15	Trace	.48	Trace	.02
15-20	.020	1.92	.04	.03
20-25	Trace	.38	.18	.15
25-30	Trace	.22	.08	.05
30-35	.010	1.50	.01	.03
35-40	Trace	.72	.24	.22
40-45	Trace	.56	.08	.10
45-50	Trace	.18	.01	.03
50-55	Trace	.24	.01	.01
55-60	Trace	.14	Trace	.01
60-65	Trace	.12	Trace	.01
65-70	Trace	.16	Trace	.01

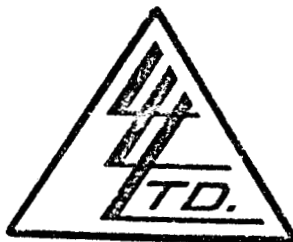
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

P. Eves

Analyst

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20469
 Date October 25, 1980
 Samples Drill Chip

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 2

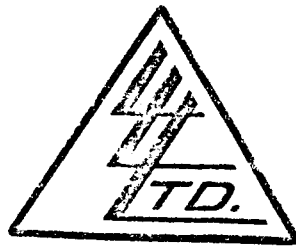
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 12-80-A</u>				
<u>Cont'd</u>				
40-45	Trace	.22	.04	.02
45-50	Trace	.20	.06	.04
50-55	Trace	.14	.02	.01
55-60	Trace	.18	.02	.02
60-65	Trace	.26	.01	.02
65-70	Trace	.16	.01	.01
<u>Hole # 13-80-A</u>				
10-15	Trace	.26	.01	.01
15-20	Trace	.10	.01	.02
20-25	Trace	.40	.06	.07
25-30	.030	1.98	.78	.49
30-35	.020	1.04	.16	.18
35-40	.010	.72	.10	.17
40-45	.010	.44	.02	.03
45-50	Trace	.14	.01	.02
50-55	Trace	.50	.01	.01
<p>I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES</p>				

Rejects Retained one month.

Pulps Retained one month
 unless specific arrangements
 made in advance.

D. Erbes

To: SEMPER RESOURCES INC.,
 1010, 475 Howe Street,
 Vancouver, B.C. V6C 2B3



File No. 20379
 Date October 17, 1980
 Samples Drill Chip

ATTN: Jim Billingsley

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ASSAY of
LORING LABORATORIES LTD.

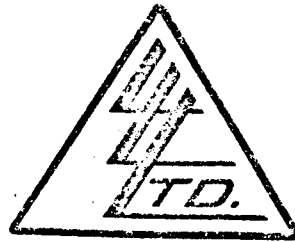
Page # 1

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 2-80</u>				
0- 5	Trace	2.18	.22	.15
5-10	Trace	.68	.04	.06
10-15	Trace	.40	.02	.01
15-20	Trace	.26	.01	.01
20-25	Trace	.10	.01	.01
25-30	Trace	.32	.01	.01
30-35	Trace	.38	.01	.01
35-40	Trace	1.34	.01	.01
40-45	Trace	.02	.01	.01
45-50	Trace	.24	.01	.01
50-55	Trace	.30	.01	.01
55-60	Trace	.06	.01	.01
60-65	Trace	.24	.03	.01
65-70	Trace	.02	.01	.01
<u>Hole # 3-80</u>				
0- 5	.020	1.44	.16	.12
5-10	Trace	.34	.12	.11
10-15	Trace	.02	.02	.02
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES				

Rejects Retained one month.
 Pulps Retained one month
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 made in advance.

Jim Billingsley

To: SEMPER RESOURCES INC.,
 1010, 475 Howe Street,
 Vancouver, B.C. V6C 2B3



File No. 20379
 Date October 17, 1980
 Samples Drill Chip

ATTN: Jim Billingsley

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 2

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 3-80 Cont'd</u>				
15-20	Trace	.30	.01	.01
20-25	Trace	.44	.01	.01
25-30	Trace	.30	.01	.01
30-35	Trace	.26	.01	.01
35-40	Trace	.02	.01	.01
40-45	Trace	.02	.01	.01
45-50	Trace	.44	.06	.01
50-55	Trace	.90	.01	.01
55-60	Trace	.50	.02	.01
60-65	.010	.02	.02	.01
65-70	Trace	.32	.01	.01
70-75	Trace	.06	.01	.01
75-80	Trace	.02	.01	.01
80-85	Trace	.03	.01	.01
85-90	Trace	.04	.01	.01
<u>Hole # 4-80</u>				
0- 5	.020	1.58	.30	.10
5-10	.010	.28	.06	.03
10-15	Trace	.02	.02	.01

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

James
 LORING LABORATORIES LTD.

To: SEMPER RESOURCES INC.,
 1010, 475 Howe Street,
 Vancouver, B.C. V6C 2B3



File No. 20379
 Date October 17, 1980
 Samples Drill Chip

ATTN: Jim Billingsley

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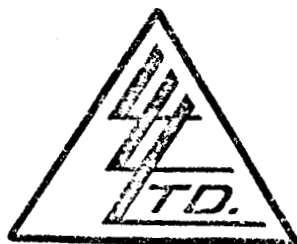
Page # 3

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 4-80 Cont'd</u>				
15-20	Trace	.04	.01	.01
20-25	Trace	.12	.01	.01
25-30	Trace	.22	.01	.01
30-35	.010	.10	.01	.02
35-40	Trace	.36	.01	.01
40-45	Trace	.06	.01	.01
45-50	Trace	.03	.02	.02
50-55	Trace	.02	.01	.01
55-60	Trace	.02	.01	.01
60-65	Trace	.04	.01	.01
65-70	Trace	.94	.01	.01
<u>Hole # 5-80</u>				
0- 5	.050	4.08	.24	.23
5-10	.040	1.42	.24	.14
10-15	Trace	.16	.02	.02
15-20	Trace	.02	.01	.01
20-25	Trace	.24	.01	.01
25-30	Trace	.18	.01	.01
30-35	Trace	.12	.01	.02
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES				

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

Jim Billingsley

To: SEMPER RESOURCES INC.,
1010, 475 Howe Street,
Vancouver, B.C. V6C 2B3



File No: 20379
Date: October 17, 1980
Samples: Drill Chip

ATTN: Jim Billingsley

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 4

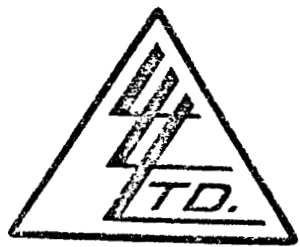
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 5-80 Cont'd</u>				
35-40	Trace	.08	.04	.02
40-45	Trace	.16	.01	.01

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
Pulps Retained one month
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Jim Billingsley

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20469
 Date October 25, 1980
 Samples Drill Chip

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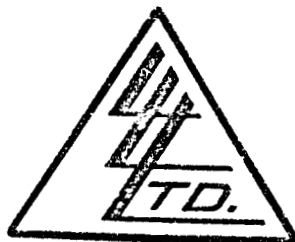
Page # 1

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 1-80-A</u>				
0-5	Trace	.56	.01	.03
5-10	Trace	.34	.02	.04
10-15	Trace	.24	Trace	.02
15-20	Trace	.26	.01	.02
20-25	.010	.24	Trace	.02
25-30	Trace	.18	.01	.01
30-35	Trace	.06	Trace	.01
35-40	Trace	.10	Trace	.02
40-42	.020	1.84	.52	.32
10-80-B 30-35	Trace	.18	Trace	.01
10-80-B 40-45	Trace	.22	.04	.03
<u>Hole # 12-80-A</u>				
10-15	Trace	.04	.01	.05
15-20	.020	.44	.02	.02
20-25	Trace	1.44	.10	.10
25-30	.010	1.42	.30	.17
30-35	Trace	.82	.11	.07
35-40	.010	.18	.04	.03
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES				

Rejects Retained one month.
 Pulps Retained one month
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D. Ender

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20469
 Date October 25, 1980
 Samples Drill Chip

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LORING LABORATORIES LTD.

Page # 2

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 12-80-A</u>				
<u>Cont'd</u>				
40-45	Trace	.22	.04	.02
45-50	Trace	.20	.06	.04
50-55	Trace	.14	.02	.01
55-60	Trace	.18	.02	.02
60-65	Trace	.26	.01	.02
65-70	Trace	.16	.01	.01
<u>Hole # 13-80-A</u>				
10-15	Trace	.26	.01	.01
15-20	Trace	.10	.01	.02
20-25	Trace	.40	.06	.07
25-30	.030	1.98	.78	.49
30-35	.020	1.04	.16	.18
35-40	.010	.72	.10	.17
40-45	.010	.44	.02	.03
45-50	Trace	.14	.01	.02
50-55	Trace	.50	.01	.01
<p>I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES</p>				

Rejects Retained one month.
 Pulp Retained one month
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D. Enderby

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20169
 Date October 25, 1980
 Samples Drill Chip

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 3

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 15-80-A</u>				
5-10	Trace	.22	.04	.02
10-15	Trace	.48	Trace	.02
15-20	.020	1.92	.04	.03
20-25	Trace	.38	.18	.15
25-30	Trace	.22	.08	.05
30-35	.010	1.50	.01	.03
35-40	Trace	.72	.24	.22
40-45	Trace	.56	.08	.10
45-50	Trace	.18	.01	.03
50-55	Trace	.24	.01	.01
55-60	Trace	.14	Trace	.01
60-65	Trace	.12	Trace	.01
65-70	Trace	.16	Trace	.01

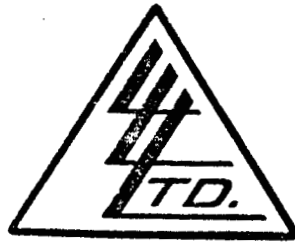
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

P. Evelyn

ANALYST

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20406
 Date October 22, 1980
 Samples Drill Chip

Certificate of
ASSAY
 LORING LABORATORIES LTD.

Page # 1

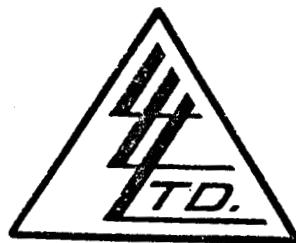
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<u>Hole # 6-80-A</u>				
0- 5	Trace	2.44	.14	.11
5-10	.010	.66	.10	.08
10-15	Trace	.02	.02	.02
15-20	Trace	.26	Trace	.01
20-25	Trace	.10	.01	.01
25-30	Trace	.16	.01	.02
30-35	Trace	.08	Trace	.01
35-40	Trace	.18	.01	.02
40-45	Trace	.02	.01	.02
<u>Hole # 7-80-A</u>				
0- 5	Trace	.30	.02	.03
5-10	Trace	.16	.04	.04
10-15	Trace	.02	.01	.02
15-20	Trace	.04	.01	.01
20-25	Trace	.28	.01	.01
25-30	Trace	.30	.01	.01
30-35	Trace	.04	Trace	.01
35-40	Trace	.02	Trace	.01
40-45	Trace	.04	.01	.01

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

D. Endert

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley



File No. 20406
 Date October 22, 1980
 Samples Drill Chip

cc: M. Mooney - Burton, B.C.

Certificate of
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LORING LABORATORIES LTD.

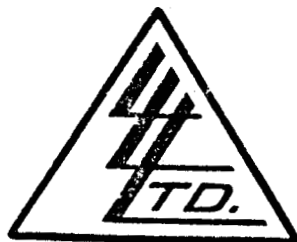
Page # 2

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 7-80-A</u>				
<u>Cont'd</u>				
45-50	.010	.26	.01	.01
<u>Hole # 8-80-A</u>				
0- 5	.010	.60	.06	.05
5-10	.010	2.34	.50	.25
10-15	Trace	1.50	.26	.23
15-20	Trace	.18	.04	.01
20-25	Trace	.01	.02	.01
25-30	Trace	.01	.01	.01
30-35	Trace	.04	.01	.01
35-40	Trace	3.36	.01	.01
40-45	Trace	.02	.02	.01
45-50	Trace	.06	.02	.03
<u>Hole # 9-80-A</u>				
0- 5	.010	.12	.36	.12
5-10	.050	18.48	.94	.10
10-15	.010	2.08	.26	.23
15-20	.010	1.94	.10	.09

**I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES**

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20406
 Date October 22, 1980
 Samples Drill Chip

Certificate of
ASSAY of
LORING LABORATORIES LTD.

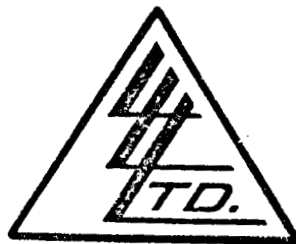
Page # 3

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 9-80-A</u>				
<u>Cont'd</u>				
20-25	Trace	.22	.04	.02
25-30	Trace	.04	.04	.02
30-35	Trace	.10	.01	.01
35-40	Trace	.02	.01	.01
40-45	Trace	.12	.01	.02
45-50	Trace	.04	.01	.01
<u>Hole # 10-80-A</u>				
0- 5	Trace	.14	.20	.07
5-10	Trace	.52	.06	.06
10-15	.040	7.90	.62	.22
15-20	.190	5.68	2.08	1.04
20-25	.010	.84	.36	.20
25-30	Trace	.58	.24	.07
30-35	.020	2.22	.76	.46
10-80-A 35-40	Trace	.12	.06	.04
10-80-B 35-40	.010	.26	.08	.06
10-80-A 40-45	.010	.28	.04	.03
45-50	.010	.58	.16	.09
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES				

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

D. Eades

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley



File No. 20398
 Date October 20, 1980
 Samples Drill Chip

cc: M. Mooney - Burton, B.C.

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 1

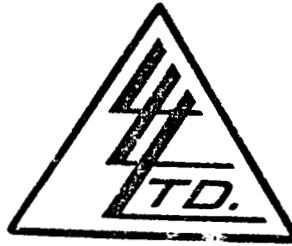
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 11</u>				
0- 5	Trace	.06	.01	.02
5-10	Trace	.14	.03	.02
10-15	Trace	.12	.01	.03
15-20	.030	2.34	.40	.24
20-25	.010	2.16	.38	.31
25-30	.010	.02	.02	.02
30-35	Trace	.14	.01	.02
35-40	Trace	.01	Trace	.01
40-45	Trace	.02	.01	.01
45-50	Trace	.04	.01	.01
50-55	Trace	.06	Trace	.01
55-60	Trace	.04	.01	.02
60-65	Trace	.14	.01	.01
65-70	Trace	.02	.01	.02
70-75	Trace	.04	Trace	.01
75-80	Trace	.10	Trace	.01
80-85	Trace	.02	Trace	.01
85-90	Trace	.08	Trace	.01

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 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
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D. Evick

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20398
 Date October 20, 1980
 Samples Drill Chip

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 2

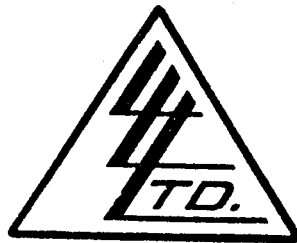
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 14</u>				
0- 5	Trace	.02	Trace	.02
5-10	Trace	.34	.01	.02
10-15	Trace	.04	.02	.02
15-20	Trace	.86	.01	.02
20-25	Trace	.06	.01	.01
25-30	Trace	.02	.02	.03
30-35	Trace	1.14	.22	.23
35-40	.010	1.28	.12	.13
40-45	.010	.72	.06	.05
45-50	Trace	.30	.02	.03
50-55	Trace	.54	.01	.02

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
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D. Endrey

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20501
 Date October 31, 1980
 Samples Drill Chip

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 1

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 11-80-A</u>				
90-95	Trace	.28	.01	.01
<u>Hole # 19-80-A</u>				
45-50	.010	1.12	.01	.03
50-55	.010	.71	.04	.03
55-60	.010	1.13	.01	.04
65-68	Trace	1.17	.01	.03
<u>Hole # 20-80-A</u>				
15-20	Trace	.50	Trace	.02
20-25	Trace	.62	Trace	.02
30-35	Trace	1.04	.01	.02
45-50	Trace	.58	.01	.01
55-60	.010	.91	.01	.03
60-65	.010	.91	Trace	.03
70-75	Trace	.88	.01	.01
<u>Hole # 21-80-A</u>				
49-50	.020	Trace	Trace	.06
55-60	.005	.34	Trace	.07

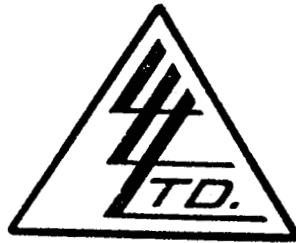
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

D. Enley

Assayer

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20501
 Date October 31, 1980
 Samples Drill Chip

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 2

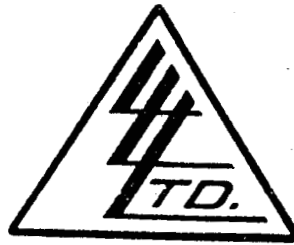
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 21-80-A</u>				
<u>Cont'd</u>				
60-65	.020	.36	.01	.03
70-75	Trace	Trace	Trace	.02
<u>Hole # 22-80-A</u>				
40-45	Trace	Trace	Trace	.02
55-60	.080	8.62	.24	.19
75-80	.020	.74	.10	.06
<u>Hole # 27-80-A</u>				
125-130	.005	Trace	.01	.02
<u>Hole # 28-80-A</u>				
5-10	.020	.32	.03	.06
10-15	.010	1.05	.04	.06
40-45	Trace	.02	.01	.01
45-50	.010	.33	Trace	.05
55-60	.005	.30	.01	.06
65-70	Trace	Trace	Trace	.02
100-105	Trace	Trace	.01	.03

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 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
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D. Greaves

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20501
 Date October 31, 1980
 Samples Drill Chip

Certificate of
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Page # 3

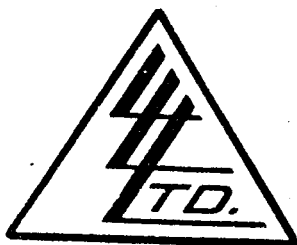
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 28-80-A</u>				
<u>Cont'd</u>				
121-126	Trace	Trace	.01	.01
<u>Hole # 29-80-A</u>				
10-15	Trace	Trace	Trace	.02
20-25	.010	.03	.04	.09
25-30	.020	Trace	.16	.15
35-40	Trace	.02	Trace	.04
55-60	Trace	.02	.08	.12
65-70	.005	.32	.03	.05
70-75	.005	.28	Trace	.04
85-90	Trace	Trace	.01	.02
90-95	Trace	.14	.01	.03
100-105	.005	.20	.01	.03
<u>Hole # 30-80-A</u>				
32-35	.010	.80	Trace	.05
35-40	.050	9.35	.60	.53
40-45	.020	.94	.08	.07
45-50	.005	.02	Trace	.02

I **Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

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J. Ender

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20501
 Date October 31, 1980
 Samples Drill Chip

Certificate of
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Page # 4

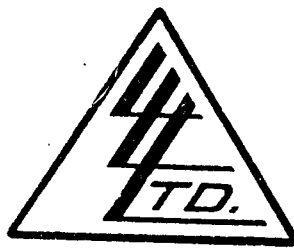
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 30-80-A</u>				
<u>Cont'd</u>				
50-55	.005	.22	.01	.02
55-60	.005	.40	.01	.06
60-65	.020	.57	.02	.05
65-70	.010	.11	.01	.03
70-75	Trace	.24	.01	.02
75-80	.005	.16	.01	.02
80-85	.030	.69	.02	.03
85-90	.020	.68	.10	.11
90-95	.010	.59	.02	.05
95-100	.020	.42	.08	.06
100-105	.020	.72	.18	.11
110-115	Trace	.06	.01	.02
115-120	.020	.12	.01	.02
<u>Hole # 32-80-A</u>				
67-70	Trace	Trace	.01	.04
80-85 85-90	.010	.59	.06	.10
90-95	.020	1.46	.08	.13
<p>I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES</p>				

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
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D. Enders

ANALYST

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20501
 Date October 31, 1980
 Samples Drill Chip

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 5

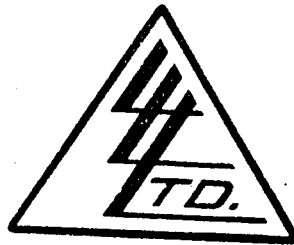
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 33-80-A</u>				
25-30	.005	.04	.01	.02
30-35	.005	1.14	.01	.04
35-40	Trace	.66	.01	.03
40-45	Trace	.32	.01	.03
45-50	Trace	.36	.01	.05
50-55	.005	.35	.01	.04
55-60	.005	.36	.01	.04
60-65	.010	1.01	.01	.05
65-70	.005	.42	.01	.02
70-75	Trace	.74	.01	.03
75-80	Trace	.58	.01	.03
80-85	.050	.51	.01	.02
85-90	Trace	.30	.01	.03
90-95	.010	.37	.01	.05
95-100	.020	.62	.14	.06
100-105	Trace	Trace	.01	.01
<u>Hole # 34-80-A</u>				
36-40	Trace	.32	.01	.02
40-41	.005	.24	.01	.02
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES				

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

J. Enders

Assayer

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20501
 Date October 31, 1980
 Samples Drill Chip

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 6

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 34-80-A</u>				
<u>Cont'd</u>				
40-45	.005	.28	.01	.03
45-50	Trace	.26	.01	.02
50-55	Trace	.24	.01	.03
55-60	Trace	.34	.01	.04
60-65	Trace	.04	.01	.01
65-70	Trace	.02	.01	.01
70-75	.005	Trace	.01	.01
75-80	Trace	.08	.01	.03
80-85	Trace	Trace	.01	.04
85-90	Trace	.10	.01	.03
90-95	.005	.16	.01	.02
95-100	Trace	Trace	.01	.02
100-105	Trace	Trace	.01	.02
105-110	Trace	Trace	.01	.01
110-115	.005	.14	.01	.01
115-121	Trace	.02	.01	.01

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

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 unless specific arrangements
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D. Endell

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20473
 Date October 27, 1980
 Samples Drill Chips

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 1

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>"Hole # 16-80-A"</u>				
15-20	.010	.18	.02	.01
20-25	Trace	.12	.01	.01
25-30	Trace	.01	.01	.02
30-35	Trace	.01	.02	.02
35-40	Trace	.56	.04	.04
40-45	.010	.58	.08	.08
45-50	Trace	2.36	.04	.06
50-55	Trace	.20	.01	.02
16-80-A-A 55-60	Trace	.22	.01	.01
16-80-A-B 55-60	Trace	.01	.04	.04
60-65	Trace	.01	.01	.01
65-70	Trace	.01	.01	.01
70-75	Trace	.01	.01	.01
75-80	Trace	.01	.01	.02
<u>"Hole # 17-80-A"</u>				
20-25	Trace	.01	.01	.01
25-30	Trace	.01	.01	.02
30-35	Trace	.36	.02	.04
35-40	.010	1.28	.18	.11
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES				

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 Assayer

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20473
 Date October 27, 1980
 Samples Drill Chips

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 2

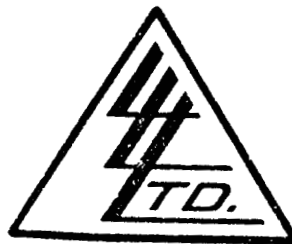
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>"Hole # 17-80-A"</u>				
Cont'd				
40-45	.010	2.12	.28	.23
45-50	.020	4.26	.42	.30
50-55	Trace	.24	.03	.03
60-65	Trace	.22	.01	.01
65-70	Trace	.48	.02	.02
<u>"Hole # 18-80-A"</u>				
20-25	.020	.62	.02	.03
25-30	Trace	.36	.02	.06
30-35	.010	1.02	.03	.06
35-40	.020	2.28	.32	.23
40-45	Trace	.26	.02	.02
45-50	Trace	.30	.01	.02
50-55	.010	.42	.04	.03
55-60	.010	.56	.06	.04
60-65	Trace	.18	.01	.02
<u>"Hole # 19-80-A"</u>				
60-65	Trace	.16	.02	.03

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D. Enobes

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20473
 Date October 27, 1980
 Samples Drill Chips

Certificate of
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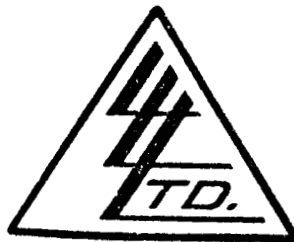
Page # 3

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>"Hole # 19-80-A"</u>				
Cont'd				
30-35	Trace	.46	.02	.03
68-71	Trace	.12	.01	.03
<u>"Hole # 20-80-A"</u>				
10-15	Trace	.20	.01	.02
25-30	Trace	.22	.02	.02
35-40	Trace	.16	.02	.02
40-45	Trace	.38	.01	.01
50-55	.010	.46	.02	.03
65-70	Trace	.14	.02	.01
<u>"Hole # 21-80-A"</u>				
65-70	Trace	.04	.02	.01
<u>"Hole # 22-80-A"</u>				
37-40	Trace	.02	.01	.03
45-50	Trace	.12	.01	.03
50-55	.020	8.62	.32	.23
60-65	Trace	.04	.02	.02
I Heroby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES				

Refractometers Retained one month.
 Pulps Retained one month
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D. Enders

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
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File No. 20473
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Page # 4

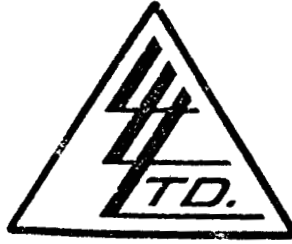
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>"Hole # 22-80-A"</u>				
Cont'd				
65-68	Trace	.08	.44	.02
<u>"Hole # 23-80-A"</u>				
42-45	Trace	.02	.01	.03
45-50	Trace	.06	.03	.03
50-55	Trace	.04	.03	.02
55-60	Trace	.10	.01	.01
60-65	Trace	.02	.01	.01
65-70	.010	.18	.01	.01
<u>"Hole # 24-80-A"</u>				
63-65	.010	.20	.01	.03
65-70	Trace	.26	.02	.02
70-75	Trace	.24	.01	.01
75-80	Trace	.06	.02	.01
<u>"Hole # 25-80-A"</u>				
32-35	Trace	.02	.02	.03
35-40	Trace	.02	.01	.03

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 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

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 unless specific arrangements
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D. E. [Signature]
 Assayer

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20473
 Date October 27, 1980
 Samples Drill Chips

Certificate of
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LORING LABORATORIES LTD.

Page # 5

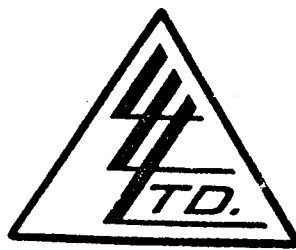
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>"Hole # 25-80-A"</u>				
Cont'd				
40-45	Trace	.02	.02	.02
45-50	Trace	.08	.03	.03
<u>"Hole # 26-80-A"</u>				
21-25	Trace	.04	.04	.02
25-30	Trace	.16	.03	.02
30-35	Trace	.10	.01	.01
35-40	Trace	.12	.01	.01
40-45	Trace	.06	.01	.01

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 Pulps Retained one month
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D. Enobes
 Assayer

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20476
 Date October 27, 1980
 Samples Drill Chips

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 1

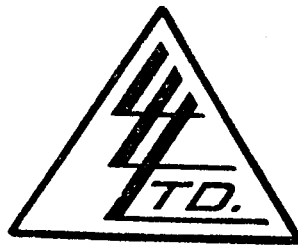
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 27-80-A</u>				
6- 10	Trace	.16	.02	.04
10- 15	Trace	.50	.01	.04
15- 20	.010	1.98	.20	.04
20- 25	.010	.02	.01	.02
25- 30	Trace	.04	.01	.02
30- 35	Trace	.54	.01	.01
35- 40	Trace	.28	.01	.02
40- 45	Trace	.36	.01	.01
45- 50	Trace	.08	.02	.01
50- 55	Trace	.02	.02	.01
55- 60	Trace	.10	.01	.02
60- 65	Trace	.52	.02	.02
65- 70	Trace	.18	.02	.01
70- 75	Trace	.02	.02	.02
90- 95	.010	.28	.04	.02
95-100	.010	.36	.03	.02
100-105	Trace	.38	.02	.02
105-110	Trace	.26	.02	.01
110-115	Trace	.22	.01	.01

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

D. Enders
 Assayer

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



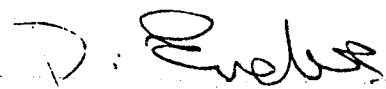
File No. 20476
 Date October 27, 1980
 Samples Drill Chips

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

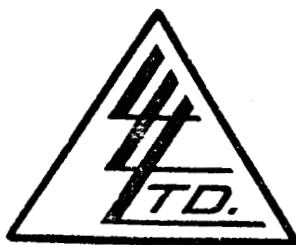
Page # 2

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 27-80-A</u>				
Cont'd				
115-120	Trace	.54	.01	.01
120-125	Trace	.26	.01	.01
<u>Hole # 28-80-A</u>				
50- 55	Trace	.18	.01	.02
60- 65	.010	.20	.01	.02
70- 75	.020	.16	.01	.01
75- 80	.020	.20	.01	.01
80- 85	Trace	.32	.01	.01
15- 20	Trace	.42	.01	.03
30- 33	Trace	.28	.02	.01
35- 40	Trace	.48	.02	.01
85- 90	.010	.36	.02	.04
90- 95	.020	18.76	.12	.06
95-100	.030	.64	.04	.03
105-107	Trace	.32	.02	.01
<u>Hole # 29-80-A</u>				
6- 10	.010	.34	.02	.03
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES				

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.


 Assayer

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.




File No. 20476
 Date October 27, 1980
 Samples Drill Chips

Certificate of
ASSAY of
LORING LABORATORIES LTD.

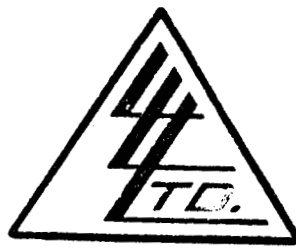
Page # 3

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 29-80-A</u>				
<u>Cont'd</u>				
40- 45	Trace	.80	.03	.05
45- 50	.010	.86	.01	.04
50- 55	Trace	.36	.02	.02
60- 65	Trace	2.56	.10	.08
75- 80	Trace	1.02	.02	.05
80- 85	.050	.58	.03	.04
95-100	.080	.84	.12	.09
105-110	Trace	.32	.01	.03
110-111	.040	.30	.01	.03
<u>Hole # 30-80-A</u>				
105-110	Trace	.34	.02	.04
<u>Hole # 31-80-A</u>				
32- 35	Trace	.36	.01	.04
35- 40	.020	.44	.01	.05
40- 45	.010	.34	Trace	.05
45- 50	Trace	.80	.02	.08
50- 55	Trace	.24	.01	.03
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES				

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.


 Assayer

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
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File No. 20476
 Date October 27, 1980
 Samples Drill Chips

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 4

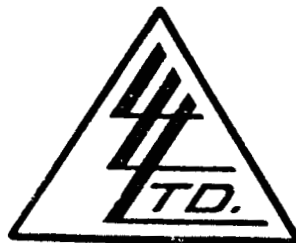
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 31-80-A</u>				
<u>Cont'd</u>				
55- 60	Trace	.28	.01	.03
60- 65	Trace	.12	Trace	.02
65- 70	Trace	.28	.01	.03
70- 75	.030	.50	.03	.04
75- 80	.010	.22	Trace	.01
80- 85	Trace	1.76	Trace	.01
85- 90	Trace	.24	Trace	.01
90- 95	.010	.29	.06	.05
95-100	.010	.05	.06	.05
100-105	.010	.99	.18	.21
105-110	.010	.81	.02	.03
110-115	Trace	.22	Trace	.02
115-120	Trace	.02	Trace	.02
120-125	Trace	.06	Trace	.02
125-130	Trace	.02	.01	.03
130-135	Trace	.10	Trace	.01
135-140	Trace	.57	Trace	.01
140-145	.010	.24	.01	.01

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Tests Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

D. G. Geller
 Assayer

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B#
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20476
 Date October 27, 1980
 Samples Drill Chips

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 5

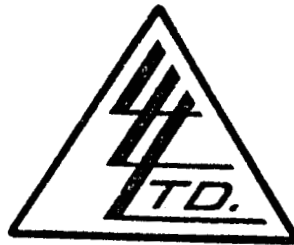
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 31-80-A</u>				
<u>Cont'd</u>				
145-150	Trace	.04	Trace	.01
<u>Hole # 32-80-A</u>				
70- 75	Trace	.12	.01	.03
75- 80	Trace	.74	Trace	.03
80- 85	.010	1.22	.06	.06
95-100	.020	.18	.03	.10
100-105	Trace	.22	.01	.03
105-110	.010	.78	.01	.03
110-115	Trace	.02	Trace	.02
115-120	.010	.06	Trace	.01

I **Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

D. Enright

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney, Burton, B.C.



File No. 20588
 Date December 15, 1980
 Samples Drilling

Certificate of
ASSAY OF
LORING LABORATORIES LTD.

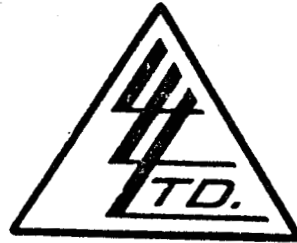
Page # 1

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>"Drilling Samples"</u>				
<u>35-80-A</u>				
61- 65	.005	Trace	.01	.02
65- 70	.005	Trace	.02	.03
70- 75	.005	Trace	.01	.03
75- 80	Trace	.12	.01	.04
80- 85	.010	Trace	.01	.03
85- 90	.005	Trace	Trace	.03
95-100	.005	Trace	.01	.01
100-105	Trace	1.85	.01	.01
105-110	Trace	Trace	Trace	.01
110-115	.005	Trace	Trace	.01
115-120	Trace	Trace	Trace	.02
120-125	Trace	1.14	Trace	.02
125-130	.010	1.27	.01	.03
130-135	.010	.06	.04	.04
135-140	.005	.94	.02	.03
140-145	Trace	.04	.03	.04
145-150	Trace	Trace	.01	.01
150-155	.010	.18	Trace	.01
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES				

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

John J. [Signature]

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20588
 Date December 15, 1980
 Samples Drilling

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 2

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>35-80-A Cont'd</u>				
155-158	Trace	Trace	Trace	.01
<u>38-80-A</u>				
51- 55	Trace	.44	Trace	.02
55- 60	Trace	.86	Trace	.03
60- 65	.005	.20	Trace	.02
65- 70	.005	.02	Trace	.03
70- 75	Trace	Trace	Trace	.01
75- 80	Trace	Trace	Trace	.01
80- 85	.005	.86	.01	.03
85- 90	Trace	Trace	Trace	.01
90- 95	.005	Trace	.01	.05
95-100	Trace	.06	.01	.02
100-105	Trace	Trace	Trace	.01
105-110	Trace	Trace	.01	.03
110-115	.005	Trace	.01	.03
115-120	.010	.60	.01	.02
120-125	Trace	Trace	.01	.02
125-130	Trace	Trace	Trace	.01
130-135	Trace	.24	Trace	.01

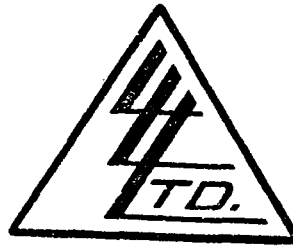
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

John D. [Signature]

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.

File No. 20588
 Date December 15, 1980
 Samples Drilling



Certificate of
 ASSAY OF
 LORING LABORATORIES LTD.

Page # 3

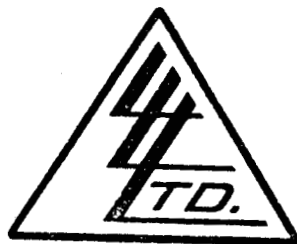
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>38-80-A Cont'd</u>				
135-140	Trace	.02	Trace	.01
140-145	Trace	.26	Trace	.01
145-150	Trace	.82	Trace	.02
150-153	Trace	.44	.02	.01
<u>40-80-A</u>				
42-45	Trace	.52	Trace	.02
45-50	.005	.38	Trace	.03
56-60	Trace	.06	.02	.04
65-70	.020	.42	.08	.08
70-75	Trace	.32	.02	.02
75-80	.005	.02	.02	.02
80-85	.005	Trace	.02	.05
85-90	Trace	.14	.04	.06
90-95	Trace	Trace	.02	.04
95-100	.020	.06	.02	.03
100-105	Trace	Trace	Trace	.02
105-110	.005	.10	.03	.02
110-115	Trace	.10	.02	.01
115-120	Trace	.12	.02	.01

I **Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

Jim Billingsley

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20588
 Date December 15, 1980
 Samples Drilling

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 4

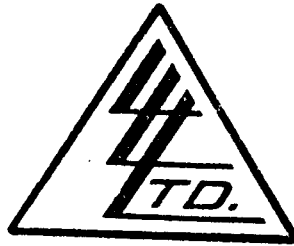
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>41-80-A</u>				
27- 30	Trace	.28	.02	.02
30- 35	Trace	.32	.02	.01
35- 40	Trace	.30	.04	.04
40- 45	Trace	.26	.12	.22
45- 50	Trace	.24	.04	.07
50- 55	.020	.26	.02	.02
55- 60	.010	.22	.04	.03
60- 65	Trace	.32	.02	.02
65- 70	Trace	.24	.03	.02
70- 75	Trace	.28	.01	.01
75- 80	.010	.22	.03	.01
80- 85	Trace	.34	.02	.01
85- 90	Trace	.24	.02	.01
90- 95	Trace	.28	.02	.01
95-100	Trace	.22	.04	.01
100-105	.020	.26	.02	.01
105-110	Trace	.32	.01	.01
110-115	Trace	.22	.02	.01
115-120	Trace	.24	.02	.05

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
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 made in advance.

[Signature]

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20588
 Date December 15, 1980
 Samples Drilling

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 5

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>41-80-A Cont'd</u>				
120-125	Trace	.22	.02	.01
125-130	Trace	.24	.02	.01
<u>42-80-A</u>				
25- 30	Trace	.28	.04	.04
30- 35	.020	1.00	.32	.30
35- 40	.020	.84	.14	.32
40- 45	Trace	.58	.19	.27
45- 50	Trace	.26	.12	.17
50- 55	Trace	.02	.04	.09
55- 60	Trace	.02	.04	.02
60- 65	Trace	.02	.02	.02
65- 70	Trace	.04	.01	.02
70- 75	Trace	.04	.06	.07
75- 80	Trace	.08	.04	.03
80- 85	Trace	.02	.02	.02
85- 90	Trace	.06	.02	.01
95-100	Trace	.04	.02	.01
100-105	Trace	.02	.02	.01
105-110	Trace	.08	.02	.01

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

[Signature]

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20518
 Date December 15, 1980
 Samples Drill Chip

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 1

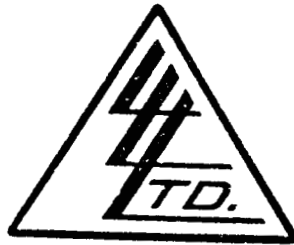
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>"Drill Chips"</u>				
<u>35-80-A</u>				
125-130	.020	.52	.02	.03
<u>36-80-A</u>				
56- 60	Trace	.04	.01	.02
60- 65	.010	.30	Trace	.02
65- 70	Trace	.56	Trace	.01
70- 75	.010	.48	.01	.02
75- 80	Trace	.50	Trace	.01
80- 85	Trace	.38	Trace	.02
85- 90	Trace	.34	.01	.01
90- 95	Trace	.26	.01	.02
95-100	Trace	.22	Trace	.01
100-105	Trace	.12	.01	.01
105-110	Trace	.08	.02	.01
110-115	Trace	.10	.01	.01
115-120	Trace	.22	Trace	.01
120-125	Trace	.46	.01	.01
125-130	Trace	.44	Trace	.01

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

Jim Billingsley

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20518
 Date December 15, 1980
 Samples Drill Chip

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 2

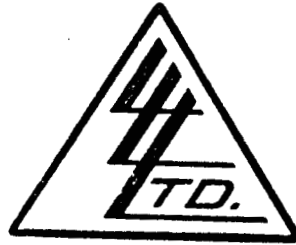
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>36-80-A Cont'd</u>				
130-135	Trace	.64	.01	.01
135-140	Trace	.22	.02	.03
140-145	Trace	.28	.01	.01
145-150	Trace	.52	Trace	.01
<u>37-80-A</u>				
30- 35	Trace	.54	Trace	.03
35- 40	Trace	.68	Trace	.02
40- 45	Trace	.58	.01	.01
45- 50 A	Trace	.42	Trace	.01
45- 50 B	Trace	.58	.01	.01
50- 55	Trace	.40	Trace	.01
55- 60	Trace	.02	Trace	.02
60- 65	Trace	.04	.01	.02
65- 70	Trace	.02	Trace	.01
70- 75	Trace	.26	Trace	.01
75- 80	Trace	.02	.01	.02
80- 85	Trace	.22	.01	.02
85- 90	Trace	.30	Trace	.02
90- 95	Trace	.22	Trace	.02

I **Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

[Signature]

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20518
 Date December 15, 1980
 Samples Drill Chip

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 3

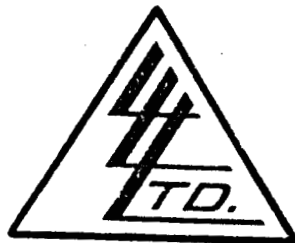
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>37-80-A Cont'd</u>				
105-110	Trace	1.04	.06	.08
110-115	Trace	.34	.02	.03
115-120	Trace	.16	.02	.01
120-125	Trace	.24	Trace	.01
125-130	Trace	.06	Trace	.01
130-135	Trace	.18	.01	.01
135-140	Trace	.02	Trace	.01
140-145	Trace	.24	Trace	.01
150-155	Trace	.06	Trace	.01
155-160 A	Trace	.04	.01	.01
155-160 B	Trace	.02	.01	.01
160-165 A	Trace	.06	Trace	.01
160-165 B	Trace	.02	Trace	.01
165-170	Trace	.04	.10	.01
170-175	Trace	.02	.01	.02
175-180	Trace	.02	.01	.01
95-100	Trace	.04	.02	.02
100-105	Trace	.06	.02	.03

I Herby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

Jim Billingsley

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20610
 Date January 13, 1981
 Samples Drill Chip

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 1

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 39-80-A</u>				
52- 55	Trace	.10	.02	.06
55- 60	Trace	.06	.01	.17
60- 65	.010	.08	Trace	.04
65- 70	Trace	.04	Trace	.06
70- 75	.010	1.76	Trace	.04
75- 80	Trace	.06	.10	.12
80- 85	Trace	.08	Trace	.01
85- 90	Trace	.04	Trace	.04
90- 95	Trace	.06	Trace	.03
95-100	Trace	.04	.01	.03
100-105	Trace	.08	.01	.03
105-110	Trace	.06	.01	.02
110-115	Trace	.04	Trace	.04
115-120	Trace	.08	.02	.03
120-125	Trace	.06	Trace	.01
125-130	Trace	.10	Trace	.01
130-135	Trace	.06	Trace	.01
<u>Hole # 43-80-A</u>				
34- 40	Trace	.04	Trace	.02
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES				

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20610
 Date January 13, 1981
 Samples Drill Chip

Certificate of
 ASSAY of
LORING LABORATORIES LTD.

Page # 2

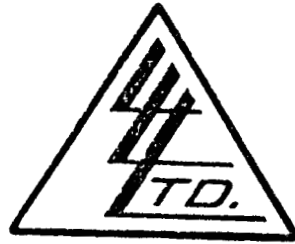
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 43-80-A</u>				
<u>Cont'd</u>				
40-45	Trace	.04	Trace	.02
45-50	Trace	.36	.08	.18
50-55	Trace	.44	.08	.18
55-60	Trace	.10	.04	.09
60-65	Trace	.06	Trace	.02
65-70	Trace	.08	Trace	.02
70-75	Trace	.24	.01	.02
75-80	Trace	.08	Trace	.02
<u>Hole # 44-80-A</u>				
44-50	.010	.84	.04	.09
50-55	Trace	.10	.08	.17
55-60	Trace	.52	.24	.36
60-65	Trace	.22	.08	.15
65-70	Trace	.08	.01	.04
70-75	Trace	.06	Trace	.02
75-80	Trace	.10	Trace	.02
<u>Hole # 45-80-A</u>				
42-45	Trace	.44	.32	.33

I ~~Trace~~ ⁴⁴ **Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

Jim Billingsley

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
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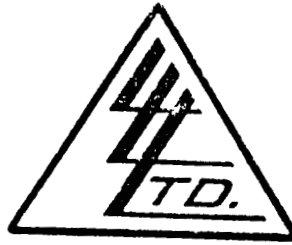
Page # 3

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 45-80-A</u>				
<u>Cont'd</u>				
45- 50	.010	.22	.16	.27
50- 55	Trace	.28	.04	.13
55- 60	Trace	.12	.04	.10
60- 65	Trace	.06	.01	.06
65- 70	Trace	.14	Trace	.02
<u>Hole # 46-80-A</u>				
40- 45	Trace	.16	.04	.10
45- 50	Trace	.10	.06	.16
50- 55	Trace	.18	.06	.11
55- 60	Trace	.08	.02	.06
60- 65	Trace	.10	Trace	.02
<u>Hole # 47-80-A</u>				
40- 45	Trace	.20	.01	.06
50- 55 A	Trace	.26	.01	.05
50- 55 B	Trace	.08	Trace	.02
55- 60	Trace	.06	Trace	.01
<p>I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES</p>				

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

Bill Jones

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20610
 Date January 13, 1981
 Samples Drill Chip

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 4

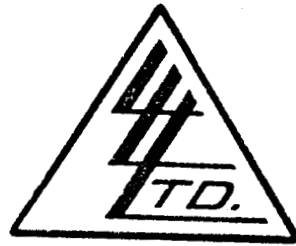
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 47-80-A</u>				
60- 65	.010	.06	Trace	.01
65- 70	.010	.02	Trace	.02
<u>Hole # 48-80-A</u>				
41- 50	Trace	.32	.02	.04
45- 50	.010	.10	.01	.04
50- 55	.020	.14	Trace	.02
55- 60	.020	.12	Trace	.01
60- 65	Trace	.08	Trace	.01
65- 70	.020	.06	Trace	.01
<u>Hole # 49-80-A</u>				
77- 80	Trace	.34	Trace	.02
80- 85	Trace	.12	Trace	.03
85- 90	.020	.22	Trace	.02
90- 95	.030	.06	.01	.03
95-100	Trace	.08	Trace	.02
100-105	Trace	.04	Trace	.02
105-110	.010	.08	.01	.02

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Objects Retained one month.
 Samples Retained one month
 unless specific arrangements
 made in advance.

Jim Billingsley

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley



File No. 20610
 Date January 13, 1981
 Samples Drill Chip

cc: M. Mooney - Burton, B.C.

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 5

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 50-80-A</u>				
89- 91	Trace	.12	Trace	.02
<u>Hole # 51-80-A</u>				
37- 40	Trace	.18	.01	.04
40- 45	Trace	.28	.04	.26
45- 50	Trace	1.06	.14	.39
50- 55	Trace	.92	.18	.49
55- 60	Trace	.88	.06	.17
60- 65	Trace	.26	.02	.11
65- 70	Trace	.08	.01	.02
<u>Hole # 52-80-A</u>				
45- 50	.020	.52	.08	.20
50- 55	Trace	.14	.01	.05
55- 60	Trace	.08	.02	.07
60- 65	Trace	.06	.01	.05
65- 70	Trace	.08	Trace	.03
<u>Hole # 53-80-A</u>				
44- 50	.020	.46	.08	.21

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

Jim Billingsley

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley



File No. 20610
 Date January 13, 1981
 Samples Drill Chip

cc: M. Mooney - Burton, B.C.

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 6

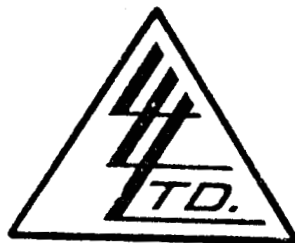
SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 53-80-A</u>				
<u>Cont'd</u>				
50- 55	.010	.16	.02	.07
55- 60	.010	1.00	.12	.39
60- 65	Trace	.18	.06	.11
65- 70	Trace	.12	.02	.05
<u>Hole # 54-80-A</u>				
26- 30	Trace	.06	Trace	.04
30- 35	.010	.16	.02	.06
35- 40	.010	.60	.30	.21
40- 45	Trace	.28	.12	.15
45- 50	Trace	.14	Trace	.02
50- 55	Trace	.20	.01	.03
55- 60	Trace	.26	.02	.10
60- 65	.010	.30	.06	.13
65- 70	Trace	.12	.02	.08
70- 75	.020	.28	Trace	.02
75- 80	Trace	.10	Trace	.02
80- 85	.010	.18	Trace	.02
85- 90	Trace	.12	Trace	.02

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

Jim Billingsley

To: SEMPER RESOURCES INC.,
 1012, 475 Howe Street,
 Vancouver, B.C. V6C 2B3
 ATTN: Jim Billingsley
 cc: M. Mooney - Burton, B.C.



File No. 20610
 Date January 13, 1981
 Samples Drill Chip

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 7

SAMPLE No.	OZ./TON GOLD	OZ./TON SILVER	% Pb	% Zn
<u>Hole # 54-80-A</u>				
<u>Cont'd</u>				
AA-65-70	Trace	.14	.10	.10
AB-65-70	.020	.66	.04	.05
<p>I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES</p>				

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

A. Dean

C. DRILLING

(Details in report submitted as per section 8 of regulations.)
 (The itemized cost statement must be part of the report.)

COST
38,700 ⁰⁰

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL

(Details in report submitted as per section 5, 6, or 7 of regulations.)
 (The itemized cost statement must be part of the report.)
 (State type of work in space below.)

.....

TOTAL OF C AND D

Who was the operator (provided the financing)?

Name SEMPER RESOURCES INC.
 Address 1012 - 475 HOWE ST.
VANCOUVER, B.C. V6C 2B3

Portable Assessment Credits (PAC) Withdrawal Request

Amount to be withdrawn from owner(s) account(s):

		AMOUNT
Name of Owner		
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	1.	
	2.	
	3.	
	4.	
TOTAL WITHDRAWAL		
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL		

I wish to apply \$ 38,700⁰⁰ of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

PLEASE SEE ATTACHED LIST

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

		Name	AMOUNT
In owner(s) name.	1.		
	2.		
	3.		
In operator(s) name (party providing the financing).	1.		
	2.		
	3.		

Wayne S.
 (Signature of Applicant)

APPLY \$84,500.00 TO THE CLAIMS LISTED BELOW :-

	2/5	
RWS	1188(5)	7 YEARS
LMS	1189(5)	7 "
DLS	1190(5)	7 "
LAS	1191(5)	7 "
JUANITA FR.	2192(9)	5 "

Wayne S.S.

Fmc # 181990

Gold Commissioner RECEIVED OCT 24 1980 M.R.#.....S..... KASLO, B.C.



MINERAL ACT

FORM I

NOTICE TO GROUP

Gold Commissioner
RECEIVED
OCT 24 1980
M.R.#.....S.....
KASLO, B.C.

Mining Division SLEXAN Location BLUE GROUSE MOUNTAIN
Name of group CARIBOU Map No. 82K/4E + 4W

We, the undersigned owners* of the following adjoining mineral claims, desire to group them according to the provisions of the *Mineral Act*:—

NAME OF CLAIM	No. of Units	Record No. or Lot No.	Month of Record	SIGNATURE OF OWNER*	Free Miner's Certificate No.
RAINBOW QUARTZ	1	L 4193		<i>Wayne</i>	181990
TRIUMPH		L 4194			
IMPREGNABLE		L 4195			
GOLD KING		L 1828			
WOLF		L 1830			
MILLIE MACK		L 1831			
HE FRACTION		L 14849			
BLACK BEAR FR.		L 14850			
GREAT WESTERN		L 2200			
RWS	20	1188	5		
LMS	10	1189	5		
DLS	20	1190	5		
LAS	20	1191	5		
JUANITA FR.		2192	9		

* May be signed by agent on behalf of owner.

Description of Down-the-Hole Hammer Drill

Due to the extreme range in hardness between the broken quartz vein material randomly distributed throughout the graphitic schist; the Down-the-Hole Hammer drill was considered to be more reliable than the ordinary percussion drill for sampling.

A brief description is as follows:

The hammer is mounted 1.3 meters above the bit by means of a string of double walled rods. Compressed air to drive the hammer is forced down the annular hole in the rods and on being exhausted through the hammer, flushes the bit cuttings past the hammer and back up through the centre hole in the double walled rods to a cyclone. Cyclone discharge was passed through an automatic splitter giving an eighth split for a sample.

High pressure air flushing between samples reduces contamination to a minimum. Some salting and dilution is possible in the 1.3 meter space between the bit and the back of the hammer.

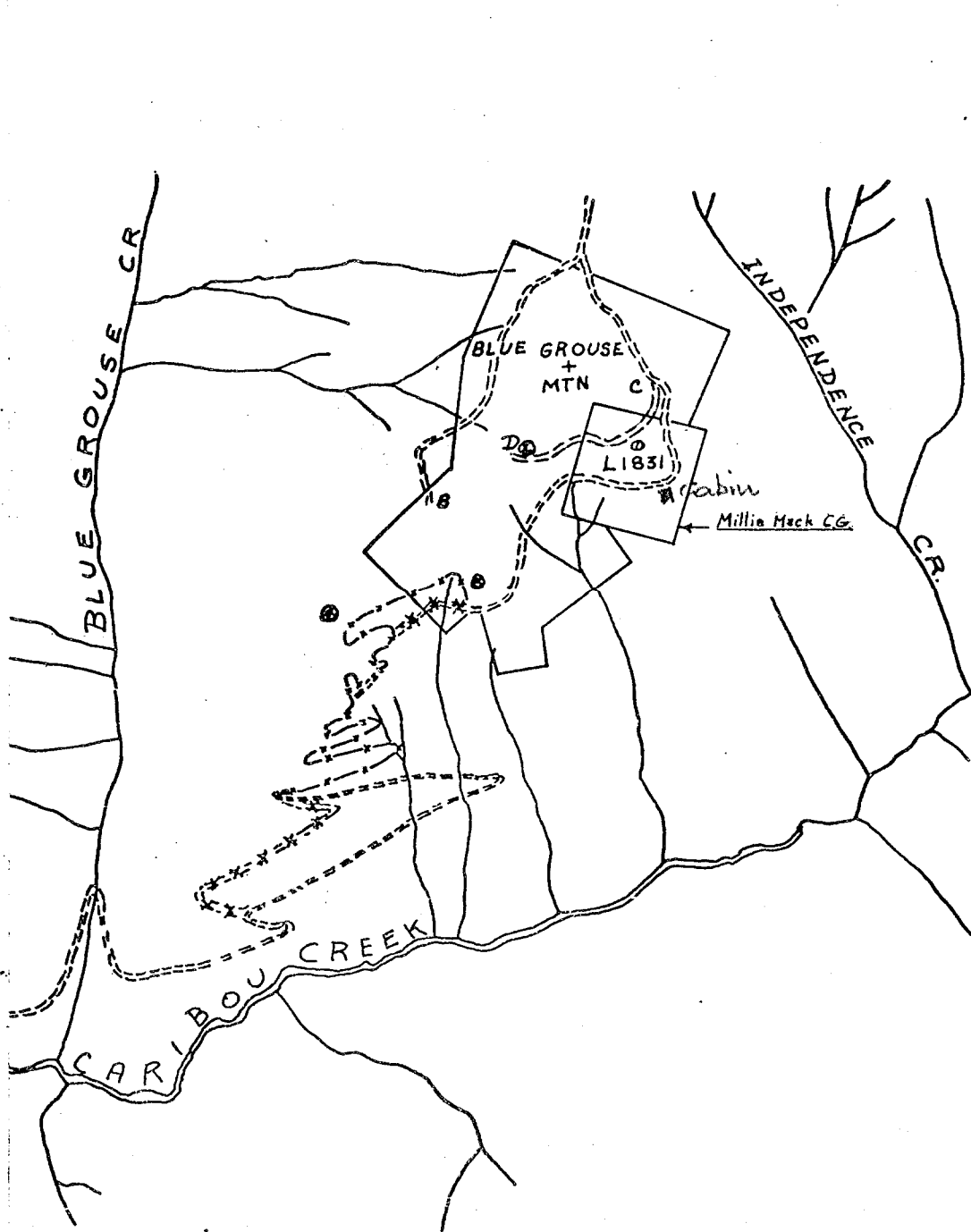
Where water was encountered in the hole, flushing the cuttings was then done with water. Samples were cut one-eighth, dried and then bagged.

The Down-the-Hole hammer drill provides good penetration and sample results in highly altered and incompetent sections of ore bodies.

APPENDIX 6

REFERENCES

1. Dawson, K. M. (1968) Mineralogical Study of Ore from Millie Mack Prospect.
2. E.L.C. Geophysics Ltd. Report EM-M-71-124, 1971, 72-211
Geophysics, Geochemistry Millie Mack, Black Bear claims RMW and RSM claim groups.
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4. Forman, H. D. (15 Jan. 1969) Evaluation of the 1968 Season's Exploration Work at the Millie Mack Claim Group, Burton, B.C.
5. Forster, H. E. (18 April, 1937; 1938) Reports on Millie Mack Group.
6. Fowler, S. S. (11-15 Oct. 1911) Report of an examination of Millie Mack Mine, Burton, B.C. for the owner.
7. Furneaux, B. I. (12 Dec. 1966) Report on Millie Mack Claims for Rayrich Mine Services Ltd.
8. Hyndman, D. W. (1961, 1962) Geological Survey of Canada Map 1234A, Geology, Nakusp, Kootenay District, B.C.
9. MacKenzie, Angus G., Mining Consultants Ltd. (July 1969) Detailed Geologic Study of the Structure & Genetics, Richwood Silver Mines Ltd. (N.P.L.), Grouse Mountain Property.
10. Mitchell, J. A. (10 Nov. 1966) Preliminary Report of the Millie Mack Group of Claims, Slocan Mining District, B.C. for Coin Exploration Ltd., Osoyoos, B.C.
11. Mitchell, J. A. (Dec. 1968) Report on Millie Mack Option, Richwood Silver Mines Ltd. (N.P.L.)
12. Read, P. B. (1967) Geology Survey of Canada, Open File 432, Map. Geology Lardeau West-Half.
13. Scott, Walter (22 Sept. 1966) Mining Recorder. Summary of Minister of Mines Reports 31 Dec. 1904 to March 1966 including 1923 Report of A. G. Langley.
14. Wilmot, A. D. (Oct. 1978) Sample Report on the Millie Mack Prospect.



Sites ①, ②, ③ & ④ are locations of Oct.-Nov, 1980 Rotary & diamond drilling. See Fig

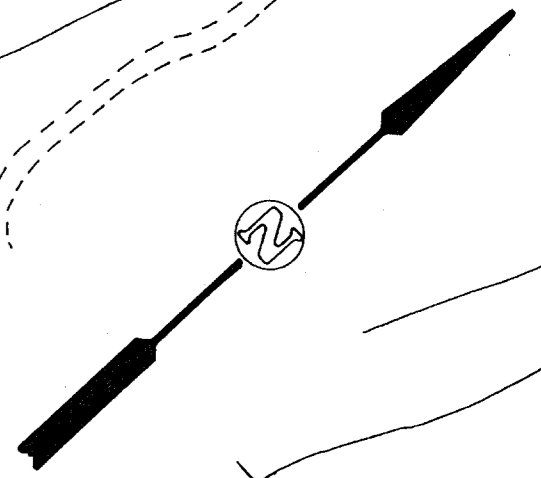
SEMPER RESOURCES INC.
 PLAN OF PHYSICAL ROAD WORK
 ON THE
 MILLIE MACK CLAIM GROUP
 BURTON, B.C.
 JANUARY, 1981 M. MOONEY, P. ENG.

2000 METRES

MM

Jan 81

Angle Depart Depth
 D.D.H#1 Vertical 133.5m
 D.D.H#2 -50° N30°E 172.8m
 D.D.H#3 -50° N75°E 93m
 D.D.H#4 -50° N10°W 137.7m
 Drilled before Oct. 24/80.
 Drilled after Oct 24/80.



8813
 part 1
 of 32

SEMPER RESOURCES LTD
 BLUE GROUSE MOUNTAIN AREA
 BURTON, B.C.

DIAMOND DRILL HOLES
 AND
 ROTARY DRILL HOLE LOCATIONS
 SCALE 1:1000

0 20M 40M 60M 80M

MAP REFER: N.T.S. 82K4

