

Report on the
Diamond Drill Program
1979 - 1980
on the
A.B.C. (1-6); Summit (1-3); Ex: (1-2);
GAL (1-2); Summit Fr.; George Fr.;
A.B.C. Fr. and Linda Fr.
48° 54' North Latitude, 124° 43' West Longitude
Map 92C/15E
Alberni Mining Division

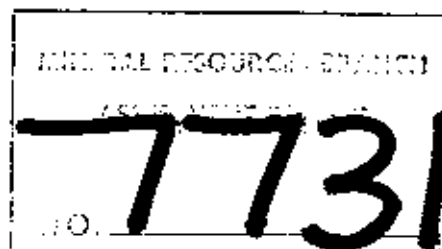
for

Summit Pass Mining Corporation

by

John R. Poloni, B.Sc., P.Eng.

February 10, 1980



John R. Poloni & Associates Ltd.,
5502 - 8B Avenue,
Delta, B.C. V4M 1V6

JOHN R. POLONI P. Eng
Consulting Geologist

MINISTRY OF ENERGY,
MINES & PETROLEUM RESOURCES
REC'D FEB 28 1980
[G2] _____
FILE _____

JOHN R. POLONI P. Eng.
Consulting Geologist

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1.0 Summary

The Little Nitnat River property consisting of thirteen full sized claims and four fractional claims, presently controlled by Summit Pass Mining Corporation, was located by Mr. S. Craig and Mr. R. Parker during December 1978 and January 1979.

During the fall of 1979 and January 1980, diamond drilling was undertaken on mineral showings on the claims. This report pertains to this drill program.

2.0 Introduction

The claim group is located 40 kilometers south of Port Alberni, Vancouver Island, south of the Franklin camp straddling the Little Nitnat River near its confluence with the Nitnat River.

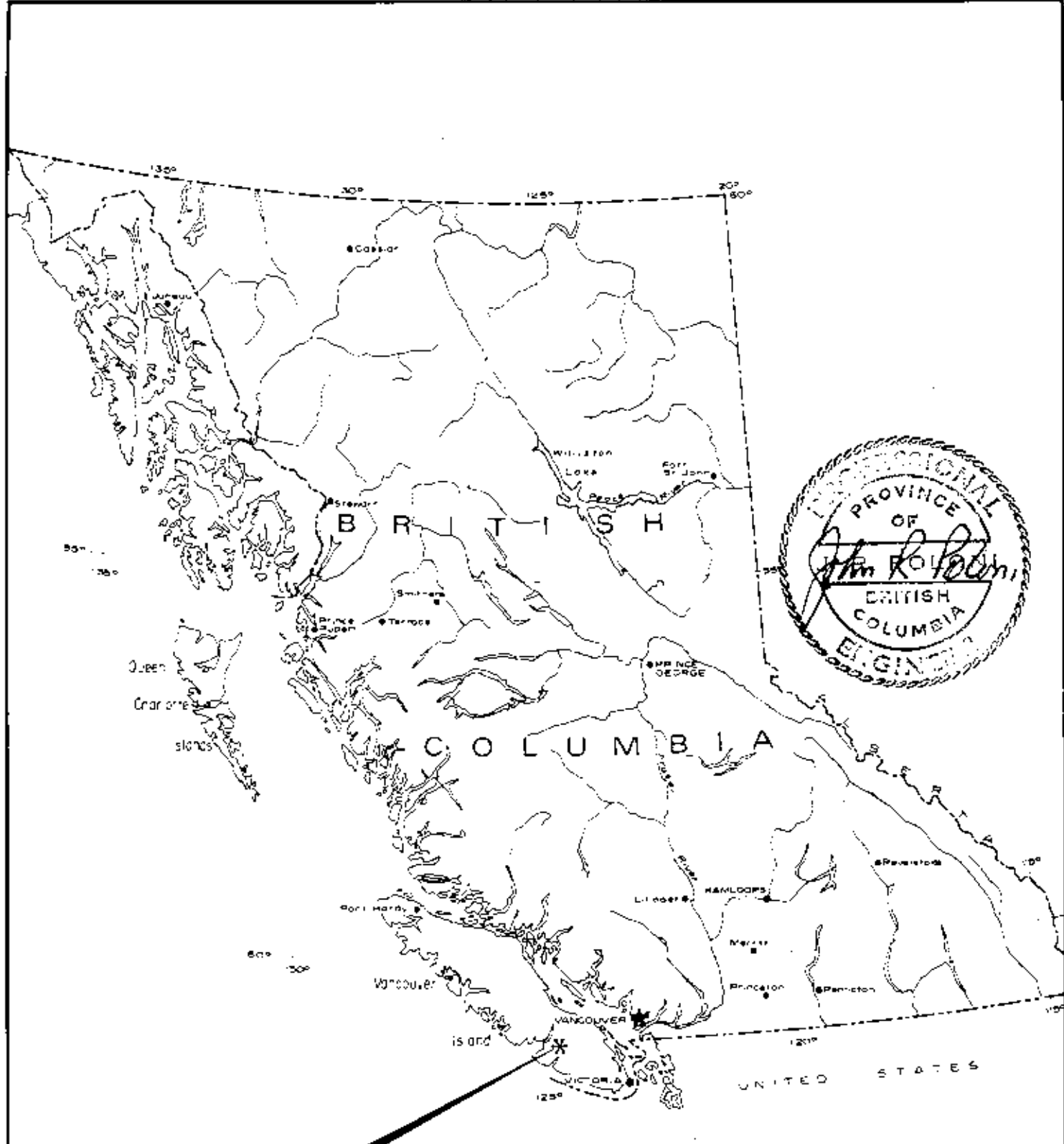
The claims were located by Mr. S. Craig and Mr. R. Parker during December 1978 and January 1979. During the fall of 1979 and the month of January 1980, four diamond drill holes were completed on the property. A total of 1,503 feet of B.Q. size was undertaken.

The property is controlled by Summit Pass Mining Corporation under an agreement dated October 12, 1979, with Mr. Sam Craig and Mr. Eberhard Mueller.

This report is a summary of the diamond drilling completed. The author spotted drill holes 79-1, 79-2 and 80-1, logged the core for all holes and split certain mineralized sections for assay at General Testing Laboratories Ltd. Drill hole 80-2 was spotted by Mr. Craig.

Location Map

Fig. 1

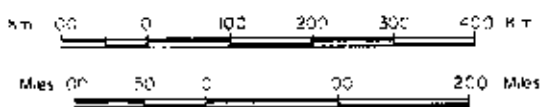


SUMMIT PASS MINING CORPORATION
 PROPERTY LOCATION
 LITTLE NITNAT RIVER

SUMMIT PASS MINING CORPORATION
 PROPERTY LOCATION MAP
 A. B. C; SUMMIT; GAL;
 GEORGE; LINDA; EXT.
 ALBERNI M.D.

JOHN R. POLONI & ASSOCIATES LTD.

DRAWN	J. R. P.	CHECKED	J. R. P.	PLAN No.
SCALE	AS SHOWN	DATE	NOV 6, 1979	1



3.0 Location and Accessibility

The property is located on the Little Nitnat River, Vancouver Island, 40 kilometers south of Port Alberni, 6 kilometers north of the north end of Nitnat Lake, and 43 kilometers west of Lake Cowichan, at 48° 54' North Latitude and 124° 43' West Longitude.

Access is via logging roads either from Port Alberni through the Franklin Camp and 10 kilometers south, or from Lake Cowichan, westerly to the Nitnat and then Little Nitnat Rivers. Travel time from Vancouver via the Victoria Ferry is approximately 6½ hours.

4.0 Claim Information

The property consists of 13 full sized claims and four fractions as shown on Map 92C/15E, British Columbia Department of Mines and Petroleum Resources. Claims data is as follows:

<u>Name</u>	<u>Record No.</u>	<u>Location Date</u>	<u>Record Date</u>
A.B.C. No. 1	333	Dec. 11/78	Dec. 12/78
A.B.C. No. 2	334	Dec. 11/78	Dec. 12/78
A.B.C. No. 3	335	Dec. 11/78	Dec. 12/78
A.B.C. No. 4	336	Dec. 11/78	Dec. 12/78
A.B.C. No. 5	337	Dec. 11/78	Dec. 12/78
A.B.C. No. 6	338	Dec. 11/78	Dec. 12/78

4.0 Claim Information - (continued)

<u>Name</u>	<u>Record No.</u>	<u>Location Date</u>	<u>Record Date</u>
Summit No. 1	360	Jan. 27/79	Jan. 29/79
Summit No. 2	361	Jan. 27/79	Jan. 29/79
Summit No. 3	362	Jan. 27/79	Jan. 29/79
Ext. No. 1	366	Jan. 7/79	Feb. 1/79
Ext. No. 2	367	Jan. 7/79	Feb. 1/79
GAL No. 1	363	Jan. 11/79	Jan. 29/79
GAL No. 2	364	Jan. 11/79	Jan. 29/79
Summit Fraction	365	Jan. 29/79	Jan. 29/79
George Fraction	387	Jan. 8/79	Feb. 5/79
A.B.C. Fraction	388	Jan. 8/79	Feb. 5/79
Linda Fraction	389	Jan. 8/79	Feb. 5/79

The drill program undertaken in 1979-80 has been applied as five year's assessment work requirements on the claims.

5.0 Physical Features

The claims straddle the Little Nitnat River at elevations ranging from approximately 500 feet to 2,500 feet above sea level. Outcrop frequency is low, being restricted to road cuts or steep scarps. The Little Nitnat River follows a strong N-S fault zone where seen on the property. Overburden depth ranges from several feet to a few tens of feet near the showings.

5.0 Physical Features - (continued)

Vegetation consists of fir, spruce, pine and alder as second growth, as the area has been logged and replanted. Underbrush is typical of the West Coast area of British Columbia.

6.0 History

Mineralization was reported in the area in the Minister of Mines Annual Report for 1916, and it is believed that the short tunnel located near the camp showing was driven at about this time.

Belvedere Mines Ltd. initiated the recent exploration in 1967-68 with the undertaking of geochemical and geophysical surveys. Further geochemical surveys were undertaken by Noranda Mines during 1972-73 according to data supplied by Mr. S. Craig. Several zinc and silver geochemical anomalies are indicated, principally to the west of the Little Nitnat River. Copper geochemistry shows only occasional high values.

Samples submitted for assay by Envoy Resources Ltd. in December 1978 and January 1979 indicate values for gold, silver, zinc and lead similar to those obtained from samples taken by the author in a property examination on October 16, 1979.

6.0 History - (continued)

Three drill hole locations were spotted on November 24, 1979, in the Camp Zone area, by the author. Two holes were completed by the end of 1979 and two further holes completed in January 1980. Mr. Sam Craig located the fourth hole in January. A total of 1,503 feet of B.Q. size drilling was completed in the drill program.

7.0 Geology

7.1 General Geology

The geology of Vancouver Island is shown on Open File Map 463 by J. E. Muller 1977. Triassic (Quatsino) limestone, basaltic and pillow lava, breccia, and tuff; and Jurassic intrusive and volcanic (Bonanza) units are mapped in the vicinity of the property. The intrusive rocks consist of granodiorite, quartzdiorite, granite and quartz monzonite while the Bonanza volcanics consist of lava, tuff, breccia, argillite and greywacke.

Numerous N-Easterly and N-Westerly trending shear zones are mapped by Muller. The property appears to be located covering the junction of two of these shear zone trends. Plan No. 3.

7.2 Local Geology - Mineralogy

The unit exposed in the immediate area of the showings, "camp zone and copper zone" consists of a

7.0 Geology - (continued)

7.2 Local Geology - Mineralogy - (continued)

sheared greenstone or volcanic rock which is possibly part of the unit 1-JB Bonanza Volcanics. Structural trends locally are S35°E with dips generally to the south-west as exposed in the Camp Zone area.

Drill hole data indicates that andesite, at times somewhat porphyritic in nature, a grey silicious unit and a wide quartz vein exist in the areas explored. Mineralization as pyrite and pyrrhotite is widely disseminated. Thin sections are seen to contain galena, zinc, copper, silver and gold mineralization.

Surface assay data is as follows:

<u>Au oz/ton</u>	<u>Ag oz/ton</u>	<u>Cu %</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Width</u>	<u>Zone</u>
0.050	4.86	0.22	7.22	10.90	2.13	Camp
0.051	6.12	5.01	0.16	0.57	1.50m	Copper

Drill hole assay data is as follows:

<u>DDH No.</u>	<u>Au oz/ton</u>	<u>Ag oz/ton</u>	<u>Cu %</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Width</u>	<u>Interval</u>
79-1	0.006	Trace	N/A	0.01	0.01	5.0'	22.0- 27.0
	0.010	Trace	0.05	0.01	0.02	10.0'	258.0-261.0
	0.004	Trace	0.04	0.01	0.02	12.0'	268.0-280.0
	0.006	0.10	0.04	0.37	0.65	3.5'	280.0-283.5
	0.010	0.46	0.03	0.52	0.57	9.5'	283.5-293.0
	0.010	0.68	0.07	0.54	1.05	5.0'	293.0-298.0
79-2	0.002	Trace	0.02	0.01	0.01	10.0'	72.0- 82.0
	0.002	Trace	0.02	0.04	0.02	9.0'	96.6-105.6
	0.038	2.76	0.17	6.87	6.61	4.4'	105.6-110.0
	0.002	Trace	0.01	0.03	0.01	10.0'	110.0-120.0
	0.002	Trace	0.05	0.03	0.01	5.0'	127.0-132.0
	0.002	0.79	0.01	0.20	0.29	5.0'	299.0-304.0
	0.002	0.02	0.01	0.01	0.01	9.0'	314.0-323.0

7.0 Geology - (continued)

7.2 Local Geology - Mineralization - (continued)

<u>DDH No.</u>	<u>Au oz/ton</u>	<u>Ag oz/ton</u>	<u>Cu %</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Width</u>	<u>Interval</u>
80-1	0.004	0.43	N/A	0.13	1.83	2.0'	161.0-163.0
	0.014	Trace	N/A	0.02	0.08	5.0'	214.0-219.0
	0.012	Trace	N/A	0.01	0.02	3.0'	278.0-281.0
80-2	0.008	Trace	N/A	0.01	0.01	3.0'	41.0- 44.0
	0.010	Trace	N/A	0.15	0.09	3.0'	83.0- 86.0
	0.016	Trace	N/A	0.01	0.05	5.0'	108.0-113.0
	0.018	Trace	N/A	0.04	0.30	6.0'	137.0-143.0
	0.001	0.06	N/A	0.01	0.03	2.0'	221.5-223.5
	0.010	0.02	N/A	0.02	0.01	12.0'	289.0-300.0
	0.002	0.05	N/A	0.03	0.16	6.4'	330.6-337.0
	0.004	0.04	N/A	0.01	0.02	10.0'	341.7-351.7
	0.010	Trace	N/A	0.11	0.56	9.3'	351.7-361.0
	0.001	Trace	N/A	0.01	0.72	5.0'	361.0-366.0

No drilling was undertaken on the copper zone during this drill program. Presently, drill core is stored at the author's home in Delta, B.C.

8.0 Results of the Diamond Drill Program

All drill holes cut volcanic units, porphyritic in nature and a silicious grey unit, containing varying amounts of disseminated pyrite and pyrrhotite. Drill hole 80-2 cut a wide section of quartz vein material. Assay data Section 7.2, indicates generally low values for gold, silver, copper, lead, and zinc, except for a 4.4 foot section in 79-2 between 105.6-110.0 where 0.038 Au oz/ton, 2.76 Ag oz/ton, 0.17% Cu, 6.87% Pb and 6.61% Zn were obtained.

9.0 Cost Statement

Drill footage

1979	79-1	330
	79-2	375
	Total:	<u>705</u>

1980	80-1	398
	80-2	400
		<u>798</u>

Total: 1,503 feet

Personnel

Dennis Mray
John Kohler

Period

November 26 - December 18, 1979

January 5 - January 25, 1980

Total Cost: \$31,947.50



Appendix A

References

REFERENCES

1. Geochemical Data from Noranda Mines supplied by Mr. S. Craig.
2. Muller J.E. 1977, Map O.F. 463 Geology of Vancouver Island.
3. Map Sheet M92C/15E.

Appendix B
Certificate

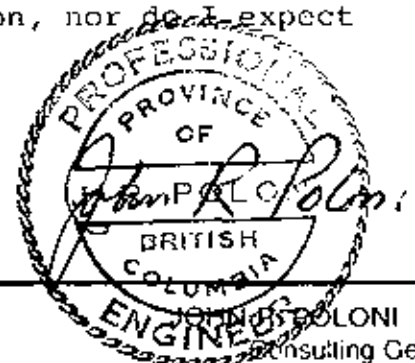
CERTIFICATE

I, John R. Poloni, of 5502 - 8B Avenue, in Delta, in the Province of British Columbia,

DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist.
2. I am a graduate of McGill University of Montreal, Quebec, where I obtained a B.Sc., degree in Geology in 1964.
3. I am a registered Professional Engineer in the Geological Section of the Association of Professional Engineers of the Province of British Columbia.
4. I have practiced my profession since 1964.
5. I am a Fellow of the Geological Association of Canada and a member of the Canadian Institute of Mining and Metallurgy.
6. I have personally visited the property A.B.C. (1-6); Summit (1-3); Ext. (1-2); GAL (1-2); Summit Fraction, George Fraction, A.B.C. Fraction and Linda Fraction on October 16, 1979, and located Drill Holes 79-1, 79-2 and 80-1 on November 24, 1979.
7. I have no interest in the properties and securities of Summit Pass Mining Corporation, nor do I expect to receive or acquire any.

Dated this 10th day of February, 1980.



JOHN R. POLONI P. Eng.
Consulting Geologist

Appendix C

Maps

INTERIOR DIAMOND DRILLING LTD.
R.R. # 2
SUMMERLAND, B.C.
VOH 120

January 3, 1980

Summit Pass Minerals Ltd.
708 - 900 West Hastings St.
VANCOUVER, BC.
V6C 1E5

ATTENTION: Mr. E. Muller

Dear Sirs:

STATEMENT - Re: FRANKLIN RIVER PROJECT

RODAGE BILLED

79 - 1	332 ft.	
79 - 2	375 ft.	
Total	707 ft. @ \$15.00 per ft.	\$10,605.00

P.W. CASING

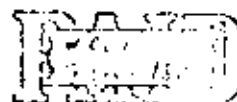
79 - 1	12 ft.	
79 - 2	15 ft.	
Total	27 ft. @ \$18.00 per ft.	486.00

FIELD COST - as per shift reports

	<u>Man Hours</u>	<u>Operating Hours</u>
Nov. 25	36	12
Nov. 27	18	6
Nov. 29	16	8
Nov. 30	22	11
Dec. 1	16	8
Dec. 7	16	8
Dec. 8	18	9
Dec. 16	20	10
Dec. 17	22	11
Dec. 18	18	9

Total Man Hours - 202 hrs. @ \$15.00

Total Operating Hours - 92 @ \$14.00



3,030.00

1,288.00

15,477.50

16/24

... / 2

Page 2
Summit Pass Minerals Ltd.

	Sub-total brought forward from page 1	\$15,409.00
<u>FIELD COST SUPPLIES</u>		
	Cement 2 bags @ \$17.50	\$35.00
	Plus 10%	<u>3.50</u>
		<u>38.50</u>
	BALANCE OWING	<u>\$15,447.50</u>

THANK YOU

INTERIOR DIAMOND DRILLING LTD.

Page 3
Summit Pass Minerals Ltd.

January 5 - January 25, 1980.

80-1 ft.
80-2 ft.

Personnel

Dennis Mray
John Kohler

Thus 1980 costs \$16,500.00

 Total charges 1979-80 \$31,947.50

MAPS

<u>Map No.</u>	<u>Description</u>	<u>Scale</u>
Plan No. 1	Property Location	As Shown
Plan No. 2	Claim Location Map	As Shown
Plan No. 3	Geology Plan	1:250000
Plan No. 4	Mineralized Zones	As Shown
Plan No. 5	Camp Zone	As Shown
Plan No. 6	Diamond Drill Section 79-1	1" = 50'
Plan No. 7	Diamond Drill Section 79-2	1" = 50'
Plan No. 8	Diamond Drill Section 80-1	1" = 50'
Plan No. 9	Diamond Drill Section 80-2	1" = 50'
Plan No. 10	Copper Zone	As Shown

Appendix D

Assay Data

GENERAL TESTING LABORATORIES

formerly: DIVISION SUPERINTENDENCE COMPANY (CANADA) LTD

1031 EAST PHELPS ST. VANCOUVER, B.C. CANADA, V6A 1W.
PHONE (604) 273-1527 TELEX 04507514 CABLE SUPERVISATO:
PACIFIC CYPRESS MINERALS LTD.
708 - 900 West Hastings Street
Vancouver, B.C.**CERTIFICATE OF ASSAY**No. 7912-2751/
8001-0450 DATE Jan. 15/80

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

MARKED	GOLD	SILVER	Copper	Lead	Zinc	XXX	XXX	XXX
	oz/st	oz/st	Cu (%)	Pb (%)	Zn (%)			
0101 - C	0.028	1.00	-	-	-	IRV Not Cleaned		
0102	0.052	trace	-	-	-			
0103	0.002	trace	-	-	-			
0104	0.010	trace	0.05	0.01	0.02			
0105	0.004	trace	0.04	0.01	0.02			
0106	0.006	0.10	0.04	0.37	0.65			
0107	0.010	0.46	0.03	0.52	0.57			
0108	0.010	0.68	0.07	0.54	1.05	Increased Risk		
0109	0.002	trace	0.02	0.01	0.01	ABC Stamp		
0110	0.002	trace	0.05	0.04	0.02			
0111	0.038	2.76	0.17	6.87	6.61			
0112	0.002	trace	0.01	0.03	0.01			
0113	0.002	trace	0.05	0.03	0.01			
0114	0.002	0.79	0.01	0.20	0.29			
0115 - C	0.002	0.02	0.01	0.01	0.01			

cc. Mr. J. Polcari

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST
PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.ALL REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS. PUBLICATION OF STATEMENTS,
CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS NOT PERMITTED
WITHOUT OUR WRITTEN APPROVAL. ANY LIABILITY ATTACHED THEREIN IS LIMITED TO THE FEE CHARGED.GENERAL TESTING LABORATORIES
A Division of SGS SUPERVISION SERVICES INC.

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
REFERENCED AND/OR OFFICIAL CHEMISTS FOR: National Institute Of Oil and Gas Products • The American Oil Chemists' Society
OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

GENERAL TESTING LABORATORIES

formerly: DIVISION SUPERVISOR COMPANY (CANADA) LTD.

1001 EAST PENDER ST. VANCOUVER, B.C. CANADA V6A 1V4
PHONE: (604) 244-1617 TELEEX: 61507514 CABLE: SUPERVAC

TO: **SUMMIT PASS MINING CORP.**
708- 900 West Hastings Street
Vancouver, B.C.

CERTIFICATE OF ASSAY

No. 8002-0453 DATE: Feb. 12/80

We hereby certify that the following are the results of assays on: **Ore (DDH)**

MARKED	GOLD	SILVER	Lead	Zinc	XXX	XXX	XXX	XXX
	oz/st	oz/st	Pb (%)	Zn (%)				
0551 - D	0.006	trace	0.01	0.01				
0552 - D	0.004	0.43	0.13	1.83				
0553 - D	0.014	trace	0.02	0.08				
0554 - D	0.012	trace	0.01	0.02				
0555 - D	0.003	trace	0.01	0.01				
0556 - D	0.010	trace	0.15	0.09				
0557 - D	0.016	trace	0.01	0.05				
0558 - D	0.018	trace	0.04	0.30				
0559 - D	0.001	0.06	0.01	0.03				
0560 - D	0.010	0.02	0.02	0.01				
0561 - D	0.002	0.05	0.03	0.16				
0562 - D	0.004	0.04	0.01	0.02				
0563 - D	0.010	trace	0.11	0.56				
0564 - D	0.001	trace	0.01	0.72				

CC. Mr. J.R. Poloni

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

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GENERAL TESTING LABORATORIES
A Division of SOS SUPERVISION SERVICES INC.

R. HALDEAU, Chemist

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
REFERENCE AND/OR OFFICIAL CHEMISTS FOR: National Institute Of Oilsseed Producers • The American Oil Chemists Society
OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade

Appendix E

Diamond Drill Logs

79-1, 79-2, 80-1, 80-2

DIAMOND DRILL RECORD

PROPERTY A.B.C. Claims
Summit Pass Mining Corporation

Hole No. 79-1

Sheet No. 1

Location: Claim No. A.B.C. Group
 Lot _____
 Dep _____
 Elevation of Collar _____
 Datum _____
 Bearing: N30°E
 Direction of Start: Dip -55°

Started _____
 Completed _____
 Ultimate Depth 330'
 Proposed 300'

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
0.0	12.0	CASING		
12.0	112.0	Volcanic grey green sil unit; 3-5% sulf. py. as dissemination and as plates along fracture planes. Thin seams massive sulf. to 1/8" @ times \neq // to core.		
		@ 58.0-82.0 speckled sil. grey volc. wisps of qtz. fils @ shallow angles to core;		
		@ 82.0-105.0 as above;		
112.0	330.0	Volcanic dark green massive unit speckled pphy. to 116.0 then grading to dense volc. (andesite)? with wispy & diss. py. ;		

Drilled by: _____

John R. Poloni, P.Eng.
 Geologist in Charge

DIAMOND DRILL RECORD

PROPERTY A.B.C. Claims
Summit Pass Mining Corporation

Hole No. 79-1Sheet No. 2

Location: Claim No. _____
 Lat _____
 Dep _____
 Elevation of Collar _____
 Datum _____
 Bearing _____
 Direction of Start: Dip _____

Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 139.0 sectn. qtz. fils for 4" with 1/8" seam of galena		
		@ 13 ⁰ to core;		
		@ 144.5 - 2" qtz. str. with thin seam of galena;		
		@ 183.0 light grey green sil. unit with speckled diss. pyrite		
		throughout 5-7% sulfides;		
		@ 184.0 - 185.0 possible fault zone $\frac{S}{N}$ // to core with		
		slickensides;		
		@ 194.0 - 195.0 massive thin seam py. to 25%;		
		@ 197.0 - 198.0 blocky chloritic inclusions decrease in sulf.		
		content to 1-3% to 203.0;		

Drilled by: _____

John R. Poloni, P.Eng.
 Geologist in Charge

DIAMOND DRILL RECORD

PROPERTY A.R.C. Claims

Hole No. 79-1

Summit Pass Mining Corporation

Sheet No. 3

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 203.0 (dark green volc.) with only minor sulf. as blocky seams (andesite) to 221.0;		
		@ 221.0 - 240.0 dark green andesite as above;		
		@ 240.0 - 258.0 dark green andesite as above @ times slightly bleached with increase massive platy sulf. py.;		
		@ 258.0 - 283.0 green volcanic andesite with wispy Qtz. splashes & str., finely diss. sulf. throughout;		
		@ 283.0 - 303.0 as above;		
		@ 303.0 - 330.0 as above.		
		poorer sulf. @ films.		
		END OF HOLE 330'		

Drilled by: _____

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

PROPERTY A.B.C. Claims

Hole No. 79-1

Sheet No. 4

Summit Pass Mining Corporation

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		FEET	NO.	REMARKS (LOG)					Core Recovery	Foliation Inclination
FROM	TO			Au	Ag	Cu %	Pb %	Zn %		
258.0	268.0	10.0'	104	0.010	Trace	0.05	0.01	0.02		
268.0	280.0	12.0'	105	0.004	Trace	0.04	0.01	0.02		
280.0	283.5	3.5'	106	0.006	0.10	0.04	0.37	0.65		
283.5	293.0	9.5'	107	0.010	0.46	0.03	0.52	0.57		
293.0	298.0	5.0'	108	0.010	0.68	0.07	0.54	1.05		
22.0	27.0	5.0'	551	0.006	Trace	N/A	0.01	0.01		

Drilled by: _____

John R. Poloni, P.Eng.
Geologist in Charge

DIAMOND DRILL RECORD

 PROPERTY A.B.C. Claims
 Summit Pass Mining Corporation
Hole No. 79-2Sheet No. 1Location: Claim No. A.B.C. Group

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing N55°EDirection of Start: Dip -55°

Started _____

Completed _____

Ultimate Depth 375'Proposed 300'

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
0.0	14.0	CASING		
14.0	62.0	Volcanic - grey - light green sil. with diss. & blebs sulfides 3-5% throughout; sulf. also as platy seams;		
		@ 47.0-48.0 - parallel bx. zone // to core; recemented with sulf.;		
62.0		Sil.volcanic - grey green in colour 3-7% sulf. py. pyrr. disseminated or as fracture filling; thin massive seams;		
		@ 105.6-110.0 - zone massive sulfides to 60-70% Pbs, Zns & py., pyrr.		
		@ 107.0 - thin gouge seam @ 65° fault?		

Drilled by: _____

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 79-2

PROPERTY A.B.C. Claims

Sheet No. 2

Summit Pass Mining Corporation

Location: Claim No. _____

Lot _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 127.0-148.0 - sil. green volc. as above with seams 1/4" of massive py., csc., xtl. to 1/16" plus diss. sulf. specks;		
		@ 127.0-133.0 - more sil. grey green unit altered with mass. thin seams sulf. & diss. specks sulf. to 5-7%;		
		@ 148.0-177.0 - green grey sil. volc. andesite speckled & seamy py. with seams to 1/4", chloritic frags. to 1/8"-1/4" mass. sulf. seam @ 20-40° to core;		
		@ 177.0-198.0 - as above dark green sil. volc. speckled diss. to thin seams of massive py. occasional 1/4" chloritic seams;		

Drilled by: _____

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 79-2PROPERTY A.B.C. ClaimsSheet No. 3Summit Pass Mining Corporation

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing: _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 198.0-217.0 - as above with occasional thin qtz. film		
		∫ // to core - core badly broken;		
		@ 217.0-237.0 - as above, with platy sulf., py. @ fracture planes @ 226.0, 0.5' qtz. str. zone @ 20°;		
		@ 237.0-257.0 - as above with platy sulfides & diss. sulf.		
		- grey sil. unit @ 250.0;		
		@ 257.0-281.0 - as above, increase in qtz. fil., but still grey green with diss. & platy sulf.;		
		@ 257.0-262.0 - grey sil. unit;		

Drilled by: _____

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 79-2PROPERTY A.B.C. Claims
Summit Pass Mining CorporationSheet No. 4

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 265.0 - 2" broken gougy seam @ 65°;		
		@ 281.0-299.0 - as above with decrease in sulf. content to 1-3%;		
		@ 297.0-299.0 - near porphyry in texture;		
		@ 299.0-323.0 - as above;		
		@ 299.0-304.0 - qtz. vein cs. @ 40-45° fine diss. galena;		
		@ 314.0-323.0 - sil. unit with csc. py. & vuggy texture py. to 10%;		
		@ 323.0-340.0 - sil. unit as above vuggy csc. py.		
		@ 340.0-358.0 - sil. unit as above vuggy (py. xtl.) sulf. to 10%;		

Drilled by: _____

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 79-2

PROPERTY A.B.C. Claims
Summit Pass Mining Corporation

Sheet No. 5

Location: Claim No. _____
 Lat _____
 Dep _____
 Elevation of Collar _____

 Bearing _____
 Direction of Start: Dip _____

Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 353.0-375.0 - sil. unit as above 7-10% sulf. py.		
		END OF HOLE 375'		

Drilled by: _____

John R. Poloni, P.Eng.
 Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 79-2PROPERTY A.B.C. ClaimsSheet No. 6

Summit Pass Mining Corporation

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Dip _____

Bearing _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION			REMARKS (LOG)						Core Recovery	Foliation Inclination
FROM	TO	FEET	No.	Au	Ag	Cu %	Pb %	Zn %		
72.0	82.0	10.0'	109	0.002	Trace	0.02	0.01	0.01		
96.6	105.6	9.0'	110	0.002	Trace	0.02	0.04	0.02		
105.6	110.0	4.4'	111	0.038	2.76	0.17	6.87	6.61		
-110.0	120.0	10.0'	112	0.002	Trace	0.01	0.03	0.01		
127.0	132.0	5.0'	113	0.002	Trace	0.05	0.03	0.01		
299.0	304.0	5.0'	114	0.002	0.79	0.01	0.20	0.29		
314.0	323.0	9.0'	115	0.002	0.02	0.01	0.01	0.01		

Drilled by: _____

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 80-1PROPERTY A.B.C. ClaimsSheet No. 1

Summit Pass Mining Corporation

Location: Claim No. A.B.C. GroupLat Dep Elevation of Collar Datum Bearing N55°EDirection of Start: Dip -45°Started Completed Ultimate Depth 398'Proposed 330'

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
0.0	19.0	CASING		
19.0		Volcanic, light green grey silicious with random wisps of ctz.		
		fls. minor py. sulf. < 2%;		
		@ 50.0 - thin shear \mathcal{F} // to core;		
		@ 52.0-63.0 - bleached section with finely diss. sulf. to		
		3-7% py.;		
		@ 63.0-86.0 - slightly bleached section grey green fine sulf.		
		py. diss. & in plates < 2%;		
		@ 86.0-111.0 - as above;		
		@ 96.1 - thin seam mass. py. pyrr. \mathcal{F} // to core;		

Drilled by:

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

PROPERTY A.B.C. Claims

Hole No. 80-1

Summit Pass Mining Corporation

Sheet No. 2

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing: _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 109.0 - epidote incl. for 3" with qtz. splash;		
		@ 111.0-132.0 - light green grey volc. with qtz. fils @ random orientation; minor fine py. < 1%;		
		@ 131.0-132.0 - qtz. filled visicules to 1/16" with minor py.;		
		@ 132.0-156.0 - minor py. in green volc. with black chloritic specks;		
		@ 142.0 - 2" qtz. str. @ 30°;		
		@ 156.0-176.0 - green andesitic volc. with qtz. str. incl.;		
		@ 161.0-163.3 - increase in sulf. py. to 7-10%;		
		@ 163.0-163.3 - mass. py. to 70%;		

Drilled by: _____

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 80-1PROPERTY A.B.C. ClaimsSheet No. 3

Summit Pass Mining Corporation

Location: Claim No. _____

Lat _____

Dep _____

Location of Collar _____

Datum _____

Bearing _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 176.0-207.0 - green volc. uniform texture - epidote rich very minor sulf.;		
		@ 207.0-219.0 - sil. grey green volc. 1-3% py.;		
		@ 219.0-223.0 - sil. grey green volc. 1-3% py.;		
		@ 223.0-239.0 - dark green volc. poor sulf. & only @ fracture planes, increase epidote;		
		@ 239.0-257.0 - andesite-dacite green grey unit as above; minor qtz., py., epidote, str., qtz. @ 50°-60°;		
		@ 257.0-262.0 - (as above) dark green dense andesite-dacite?		
		@ 262.0-279.0 - epidote rich volcanic broken & mushy (talcy) at times;		

Drilled by: _____

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 80-1

PROPERTY A.B.C. Claims

Sheet No. 4

Summit Pass Mining Corporation

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 278.0-281.0 - section of good sulfides 7-10%;		
		@ 281.0-300.0 - speckled green volc. andesite-dacite, minor pyrite plus infrequent epidote rich section;		
		@ 300.0-319.0 - (as above) with epidote rich seams plus speckled pyrite and thin qtz. stringers;		
		@ 319.0-330.0 - epidote rich volc. as above, minor hematite;		
		@ 330.0-342.0 - dark green volc. as above with increase in pyrite to 1-3%;		
		@ 342.0-362.0 - dark green uniform textured volc. andesite-dacite slightly talcy near 360.0;		

Drilled by: _____

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 80-1

PROPERTY A.B.C. Claims

Sheet No. 5

Summit Pass Mining Corporation

Location: Claim No. _____

Lat _____

Long _____

Location of Collar _____

Azimuth _____

Bearing _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 362.0-382.0 - dark green andesite with qtz. stringers		
		inclusions & talcy sections;		
		@ 382.0-398.0 - (as above);		
		<u>END OF HOLE 398'</u>		

Drilled by: _____

Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 80-1

PROPERTY A.B.C. Claims

Sheet No. 6

Summit Pass Mining Corporation

Location: Claim No. _____
 Lat _____
 Dep _____
 Position of Collar _____
 Direction of Start: bearing _____
 Dip _____

Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

SECTION		FEET	No.	REMARKS (LOG)				Core Recovery	Foliation Inclination
FROM	TO			Au	Ag	Pb %	Zn %		
161.0	163.0	2.0'	552	0.004	0.43	0.13	1.83		
214.0	219.0	5.0'	553	0.014	Trace	0.02	0.08		
278.0	281.0	3.0'	557	0.012	Trace	0.01	0.02		

Drilled by: _____

John R. Poloni, P.Eng.
 Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 80-2PROPERTY A.B.C. ClaimsSheet No. 1

Summit Pass Mining Corporation

Location: Claim No. A.B.C. Group

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing N55°EDirection of Start: Dip -45°

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
0.0	20.0	CASING		
20.0	29.0	BLDR. including intrusive & andesite;		
29.0	50.0	Qtz. Vein - dense blue white qtz. with minor pyrite for cs blend @ 65-70°;		
50.0	52.5	Volc. - speckled andesite;		
52.5	54.3	Qtz. vein as above last 1.0 ft. dark blue-black qtz.-silica, incl. $\frac{f}{f}$ // to core of andesite @ 53.5 for 1.0';		
54.3		Volc. - speckled green porphyry texture with qtz. film inclu- sions @ random orientation; barren sulfides;		

Drilled by: _____

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

PROPERTY A.B.C. Claims
Summit Pass Mining Corporation

Hole No. 30-2Sheet No. 2

Location: Claim No. _____
 Lat _____
 Long _____
 Elevation of Collar _____
 Datum _____
 Bearing _____
 Direction of Start: Dip _____

Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 83.0-86.0 - minor galena, py., pyr. in thin mushy seams @ 25° to core;		
		@ 100.0-106.0 - green volc. pphy. texture;		
		@ 106.0-113.1 - silicious grey unit altered with 3-5% sulf.		
		FC's @ 45' slip infrequent gougy shears @ 40-45°;		
		@ 113.1-137.0 - green andesitic porphyry; barren sulf. with qtz. fils infrequently;		
		@ 137.0-143.0 - sil. mineralized unit grey colour 3-7% sulf. @ 139.0, 0.2', 10% sulf. near CS slip @ 45°, far CS slip @ 20°;		
		@ 143.0-172.8 - andesitic pphy. dark green very minor sulf. py.;		

Drilled by: _____

John R. Poloni, P.Eng.
 Geologist in Charge

DIAMOND DRILL RECORD

PROPERTY A.B.C. Claims
Summit Pass Mining Corporation

Hole No. 80-2
Sheet No. 3

Location: Claim No. _____
Lat _____
Dep _____
Elevation of Collar _____
Dip _____
Bearing _____
Direction of Start: Dip _____

Started _____
Completed _____
Ultimate Depth _____
Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 150.0-152.0 - qtz.-talcy slip \neq // to core;		
		@ 160.0-162.0 - altered bleached section with thin qtz. str. @ 40°;		
		@ 168.5-172.0 - altered sil. unit with \pm 3% py., sulf. as above (assay if previous section carries);		
		@ 172.0-172.8 - andesite as above;		
		@ 172.8-188.5 - 3-5% sulf., py. mostly, assay if necessary, more sil. near far CS @ \pm 45° with thin seam py. & minor galena;		
		@ 188.5-197.3 - andesite mineralized with 1-3% sulfides py.;		
		@ 197.3-199.0 - sil. unit as above grading to dense green volc.;		

Drilled by: _____

John R. Poloni, P.Eng.
Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 80-2PROPERTY A.B.C. Claims
Summit Pass Mining CorporationSheet No. 4

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 199.0-232.0 - andesitic unit medium texture with minor qtz. str. @ 40-45°;		
		@ 221.5-223.5 - qtz. vein with 10-15% sulf., py., pyrr. both CS blend @ 40°;		
		@ 232.0-250.9 - qtz. vein milky light blue variety, barren near CS blend, far CS sharp @ 40-45°;		
		@ 250.9-251.2 - andesite green speckled variety;		
		@ 251.2-252.7 - qtz. vein as above, far CS @ in broken core;		
		@ 252.7-272.4 - andesite speckled dark green, barren sulf.		
		@ 271.6 - 0.1' qtz., 30 inclusion;		

Drilled by: _____

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

PROPERTY A.B.C. Claims
Summit Pass Mining Corporation

Hole No. 80-2Sheet No. 5

Location: Claim No. _____
 Loc _____
 Dip _____
 Elevation of Collar _____
 Datum _____
 Bearing _____
 Direction of Start: Dip _____

Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 272.4-274.9 - qtz. vein blue qtz. barren near CS broken core; far CS slip @ 45°;		
		@ 274.9-276.5 - andesite;		
		@ 276.5-300.5 - qtz. vein as above, blue qtz. near CS slip @ 40°, increase sulf. 289.0 to 300.0;		
		@ 300.5-318.9 - sil. unit qtz. vein gradational CS poor but speckled & wispy sulf.;		
		@ 310.0 - 0.1' sulf. to 5-7%, far CS @ 35°;		
		@ 313.0 - gougy slip $\frac{f}{f}$ // to core for 4 feet;		

Drilled by: _____

John R. Poloni, P.Eng.
 Geologist in Charge

DIAMOND DRILL RECORD

PROPERTY A.B.C. Claims
Summit Pass Mining Corporation

Hole No. 80-2Sheet No. 6

Location: Claim No. _____
 Lat _____
 Sep _____
 Elevation of Collar _____
 Datum _____
 Bearing _____
 Direction of Start: Dip _____

Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Indication
FROM	TO			
		@ 318.9-321.8 - andesite with Qtz. strcs. @ random orientation near CS blend @ 40°, far CS slip @ 65°;		
		@ 321.8 - Qtz. vein material - near CS bx. zone with sulf., py. for 1.0'; minor chloritic wisps;		
		@ 330.6-337.0 - increase sulf. to 3-5%;		
		@ 337.0-340.7 - transitional zone to andesite, some bx. with sulfides, py.;		
		@ 341.7-365.0 - Qtzy. zone with bx. @ times blue Qtz. with bx. very minor Pb's, sulfides, py. 1-5%;		
		@ 365.0 - dense andesitic volc. Qtz. fil & @ random orienta-		

Drilled by: _____

John R. Poloni, P.Eng.

Geologist in Charge

DIAMOND DRILL RECORD

PROPERTY A.B.C. Claims
Summit Pass Mining Corporation

Hole No. 80-2

Sheet No. 7

Location: Claim No. _____
 Lat _____
 Dep _____
 Location of Collar _____
 Datum _____
 Bearing _____
 Direction of Start: Dip _____

Started _____
 Completed _____
 Ultimate Depth _____
 Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		tion, gouge slips near 379.0 @ 45°;		
		@ 392.6-400.0 - increase in sulf., py. to ± 5% to end of hole (assay later)?		
		<u>END OF HOLE 400'</u>		

Drilled by: _____

John R. Poloni, P.Eng.
 Geologist in Charge

DIAMOND DRILL RECORD

PROPERTY A.B.C. Claims
Summit Pass Mining Corporation

Hole No. 83-2Sheet No. 8

Location: Claim No. _____
Lat _____
Dep _____
Elevation of casing _____
Datum _____
Bearing _____
Direction of Start: Dip _____

Started _____
Completed _____
Ultimate Depth _____
Proposed _____

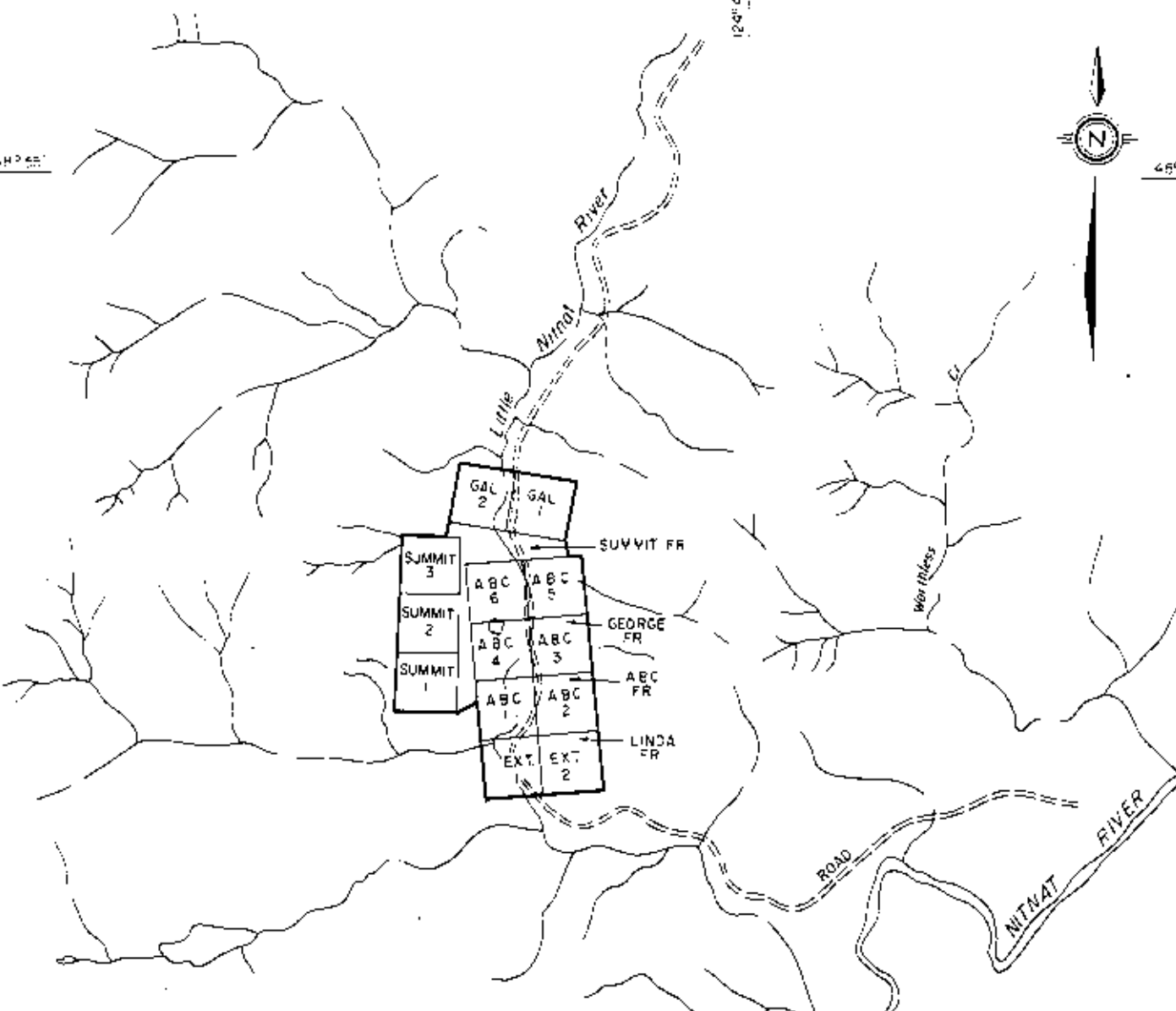
SECTION		FEET	No.	REMARKS (LOG)				Core Recovery	Foliation Inclination
FROM	TO			Au	Ag	Pb %	Zn %		
41.0	44.0	3.0'	555	0.008	Trace	0.01	0.01		
83.0	86.0	3.0'	556	0.010	Trace	0.15	0.09		
108.0	113.0	5.0'	557	0.016	Trace	0.01	0.05		
137.0	143.0	6.0'	558	0.018	Trace	0.04	0.30		
221.5	223.5	2.0'	559	0.001	0.06	0.01	0.03		
289.0	300.0	12.0'	560	0.010	0.02	0.02	0.01		
330.6	337.0	6.4'	561	0.002	0.05	0.03	0.16		
341.7	351.7	10.0'	562	0.004	0.04	0.01	0.02		
351.7	361.0	9.3'	563	0.010	Trace	0.11	0.56		
361.0	366.0	5.0'	564	0.001	Trace	0.01	0.72		

Drilled by: _____

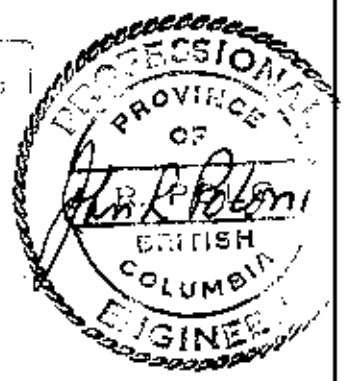
John R. Poloni, P.Eng.
Geologist in Charge

4855



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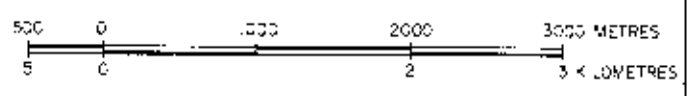
7731



LEGEND

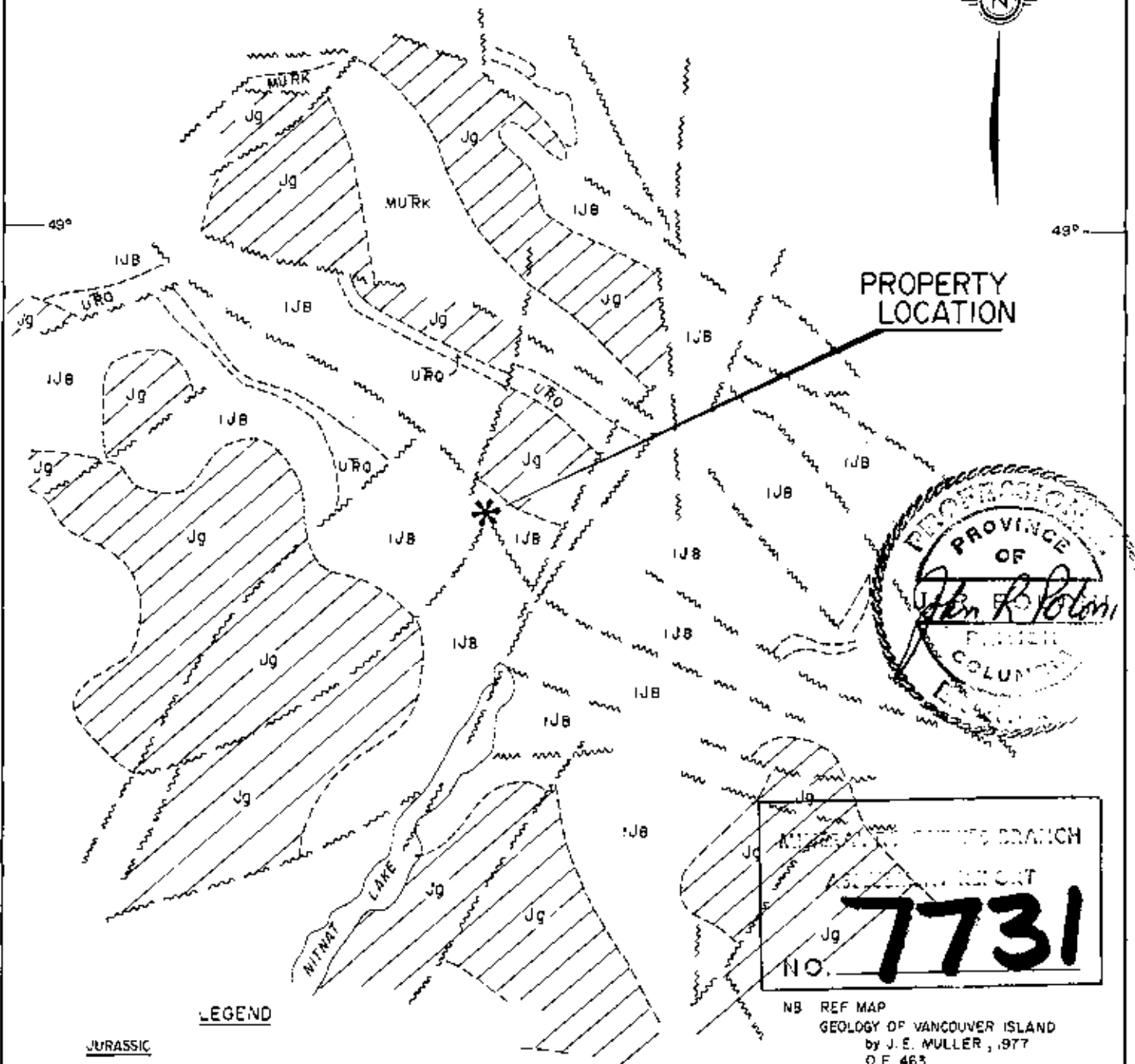
-  Stream
-  Road

REF MAP M92C/15E
B.C. DEPT. OF MINES



SUMMIT PASS MINING CORPORATION		
CLAIM LOCATION MAP		
A. B.C; SUMMIT; GAL; GEORGE; LINDA; EXT.		
ALBERNI M.D.		
JOHN R. POLON & ASSOCIATES LTD.		
DRAWN : J R P	CHECKED : J R P	PLAN No.
SCALE : AS SHOWN	DATE : NOV 6, 1979	2

124° 50'



LEGEND

JURASSIC

Jg **INTRUSIVE UNITS**
GRANODIORITE, QUARTZDIORITE, GRANITE
QUARTZ MONZONITE

IJB **BONANZA VOLCANICS** LAVA, TUFF, BRECCIA,
IJH ARGILLITE, GREYWACKE

TRIASSIC

UTRo LIMESTONE (QUATZSINO)

MURK BASALTIC LAVA, PILLOW LAVA, BRECCIA TUFF

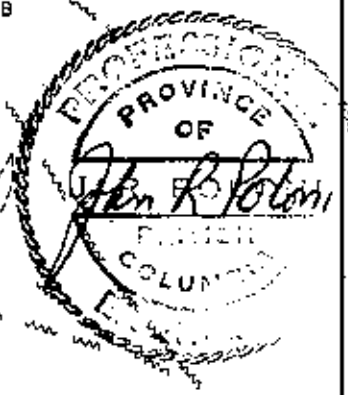
SYMBOLS

~~~~~ FAULT

----- GEOLOGICAL CONTACT

124° 50'

PROPERTY  
LOCATION



NO. **7731**

NB REF MAP  
GEOLOGY OF VANCOUVER ISLAND  
by J.E. MULLER, 1977  
O.F. 463

SUMMIT PASS MINING CORPORATION

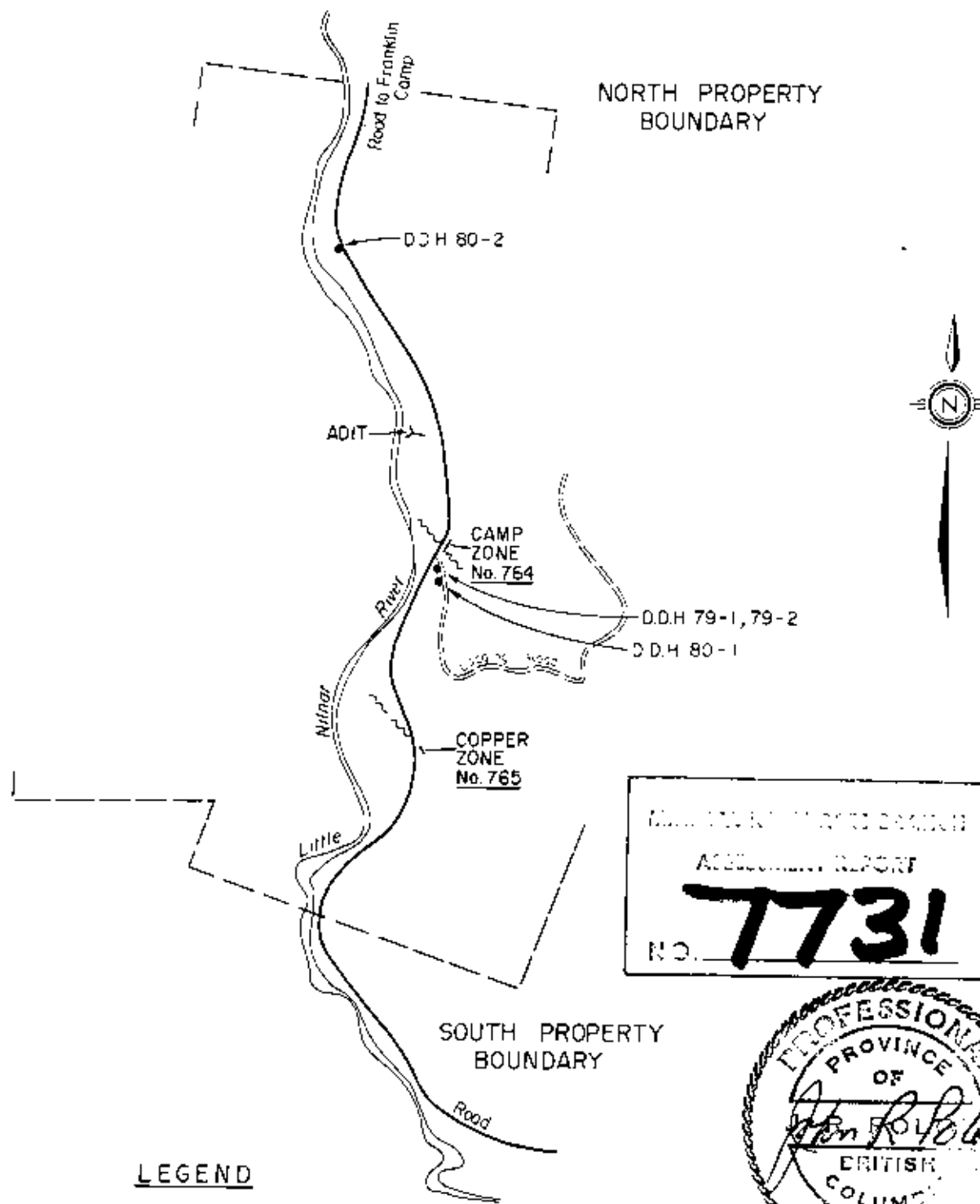
**GEOLOGY PLAN**

A. B. C; SUMMIT; GAL;  
GEORGE; LINDA; EXT.

ALBERNI M.D.

JOHN R. POLONI & ASSOCIATES LTD

|                 |                    |          |
|-----------------|--------------------|----------|
| DRAWN . J. R. P | CHECKED . J. R. P  | PLAN No. |
| SCALE 1:250,000 | DATE . NOV 6, 1979 | 3        |



**LEGEND**

ASSAY DATA

| No  | Au    | Ag   | Cu   | Pb   | Zn   | WIDTH<br>m |
|-----|-------|------|------|------|------|------------|
|     | oz/T  | oz/T | %    | %    | %    |            |
| 764 | 0.050 | 4.86 | 0.22 | 7.22 | 0.90 | 2.13       |
| 765 | 0.051 | 6.2  | 5.01 | 0.16 | 0.57 | GRAB       |

~ ~ ~ Shear zone

— Road

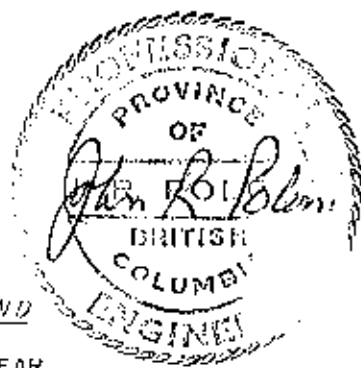
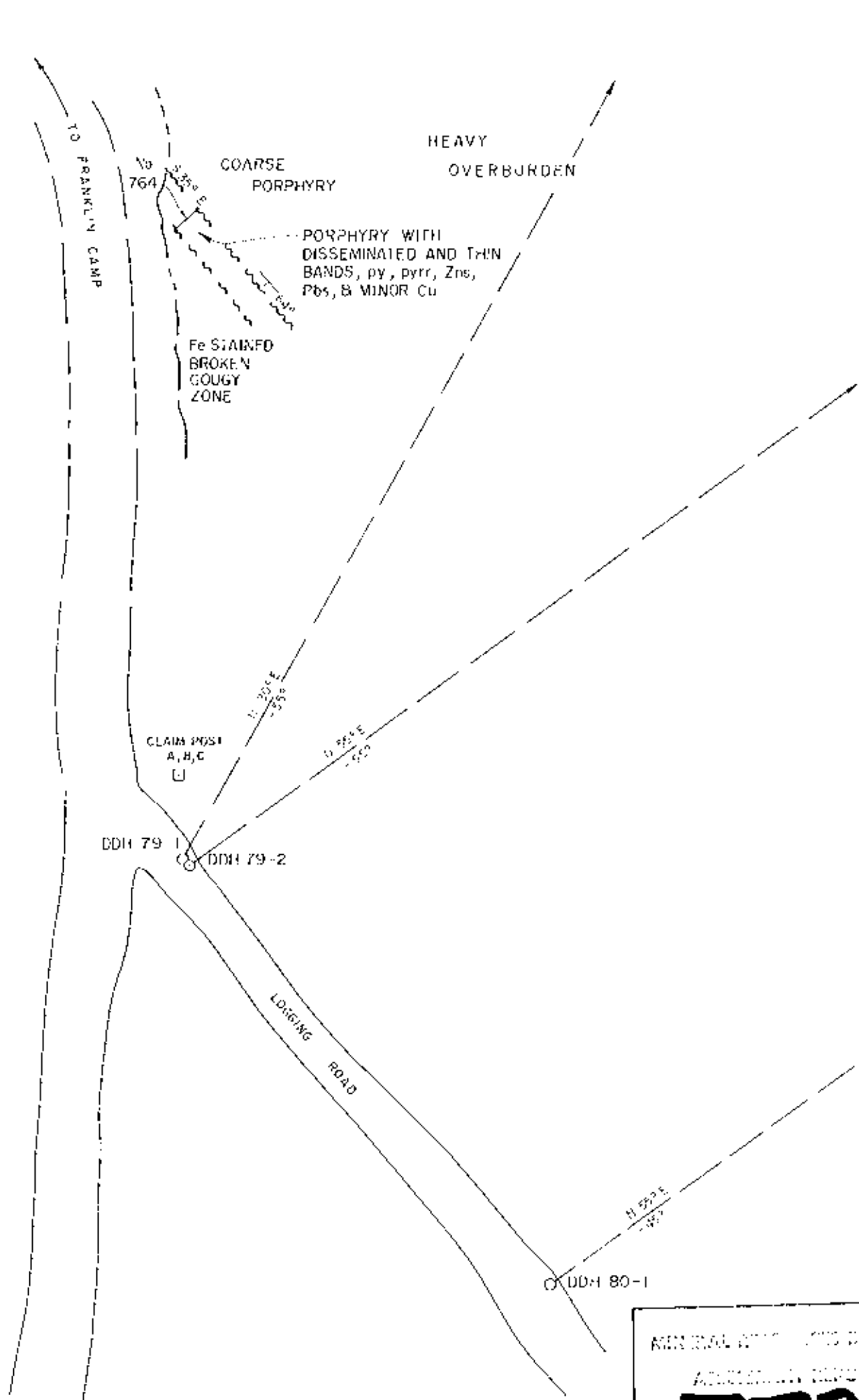
— Property Boundary

— Adit

D.D.H. 79-1 Drill Hole Locations



|                                                                                          |                    |          |
|------------------------------------------------------------------------------------------|--------------------|----------|
| SUMMIT PASS MINING CORPORATION                                                           |                    |          |
| <b>MINERALIZED ZONES</b><br>A. B. C; SUMMIT; GAL;<br>GEORGE; LINDA; EXT.<br>ALBERNI M.D. |                    |          |
| JOHN R. POLONI & ASSOCIATES LTD.                                                         |                    |          |
| DRAWN . J.R.P.                                                                           | CHECKED . J.R.P.   | PLAN No. |
| SCALE . AS SHOWN                                                                         | CATE . NOV 6, 1979 | 4        |



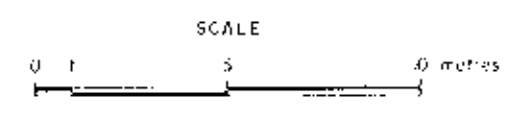
- LEGEND**
- ~~~~~ SHEAR
  - Py PYRITE
  - Pyrr PYRRHOTITE
  - ZnS SPHALERITE
  - PbS GALENA
  - Cu COPPER
  - Fe IRON

MINERAL RESOURCES COMMISSION  
 PROVINCE OF BRITISH COLUMBIA  
**7731**  
 NO.

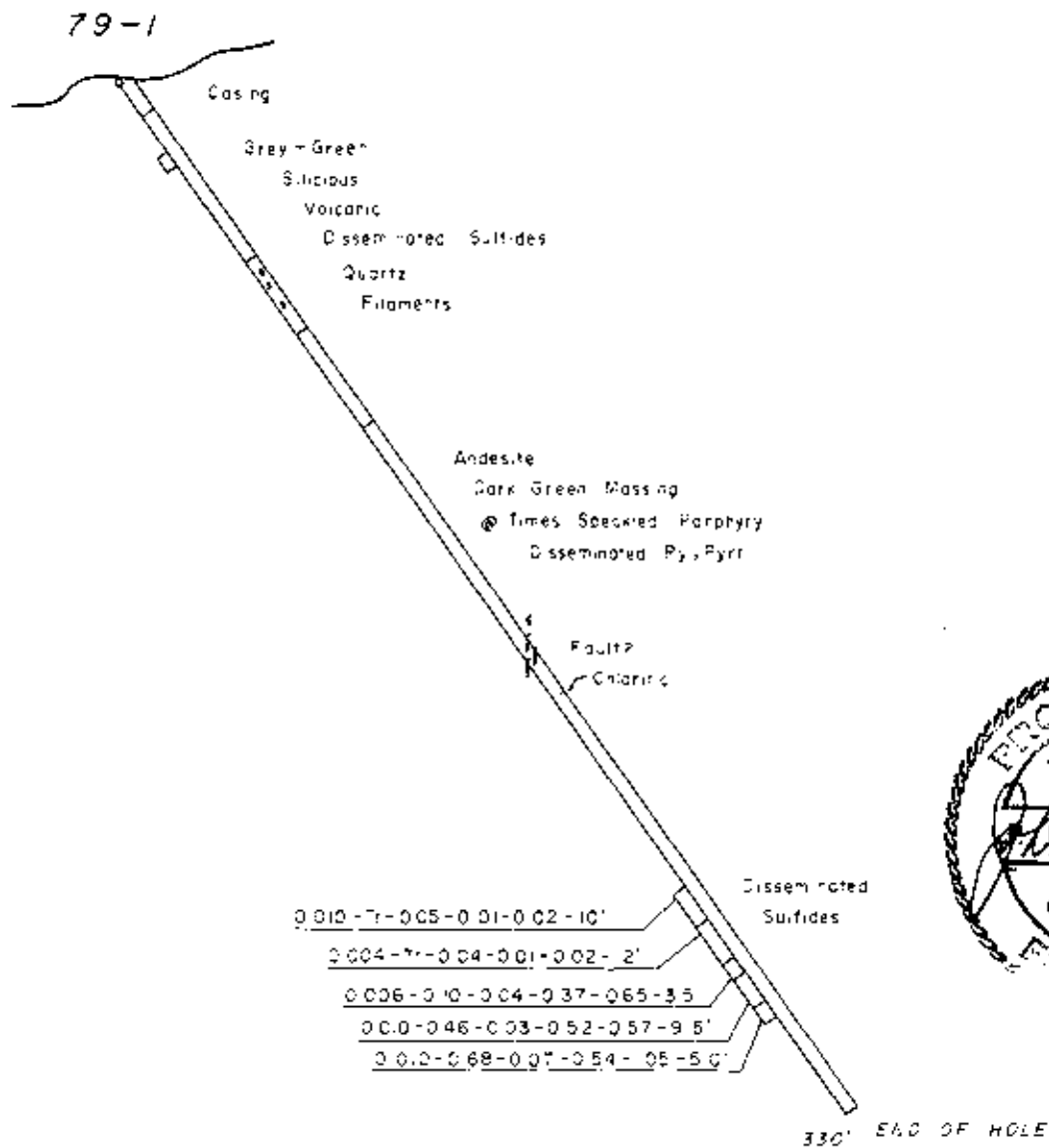
**ASSAY DATA**

| No  | Au<br>oz/T | Ag<br>oz/T | Cu<br>% | Pb<br>% | Zn<br>% | WIDTH<br>m. |
|-----|------------|------------|---------|---------|---------|-------------|
| 764 | 0.050      | 4.86       | 0.22    | 7.22    | 10.90   | 2.13        |

○ N 20° E 45° → DRILL HOLE B-Q SHOWING Direction & dip.



|                                          |          |         |                 |
|------------------------------------------|----------|---------|-----------------|
| SUMMIT PASS MINING CORPORATION           |          |         |                 |
| <b>CAMP ZONE</b>                         |          |         |                 |
| DRILL HOLES 79-1, 79-2<br>80-1 80-2      |          |         |                 |
| LITTLE NITNAT RIVER AREA<br>ALBERNI M.D. |          |         |                 |
| JOHN R. POLONI & ASSOCIATES LTD.         |          |         |                 |
| DRAWN                                    | J.R.P.   | CHECKED | J.R.P.          |
| SCALE                                    | As shown | DATE    | FEB 10, 1980    |
|                                          |          |         | P.L.M. No.<br>5 |



LEGEND

Qtz - Quartz  
 ~~~~~ Fault Zone  
 Py - Pyrite
 Pyrr - Pyrrhotite

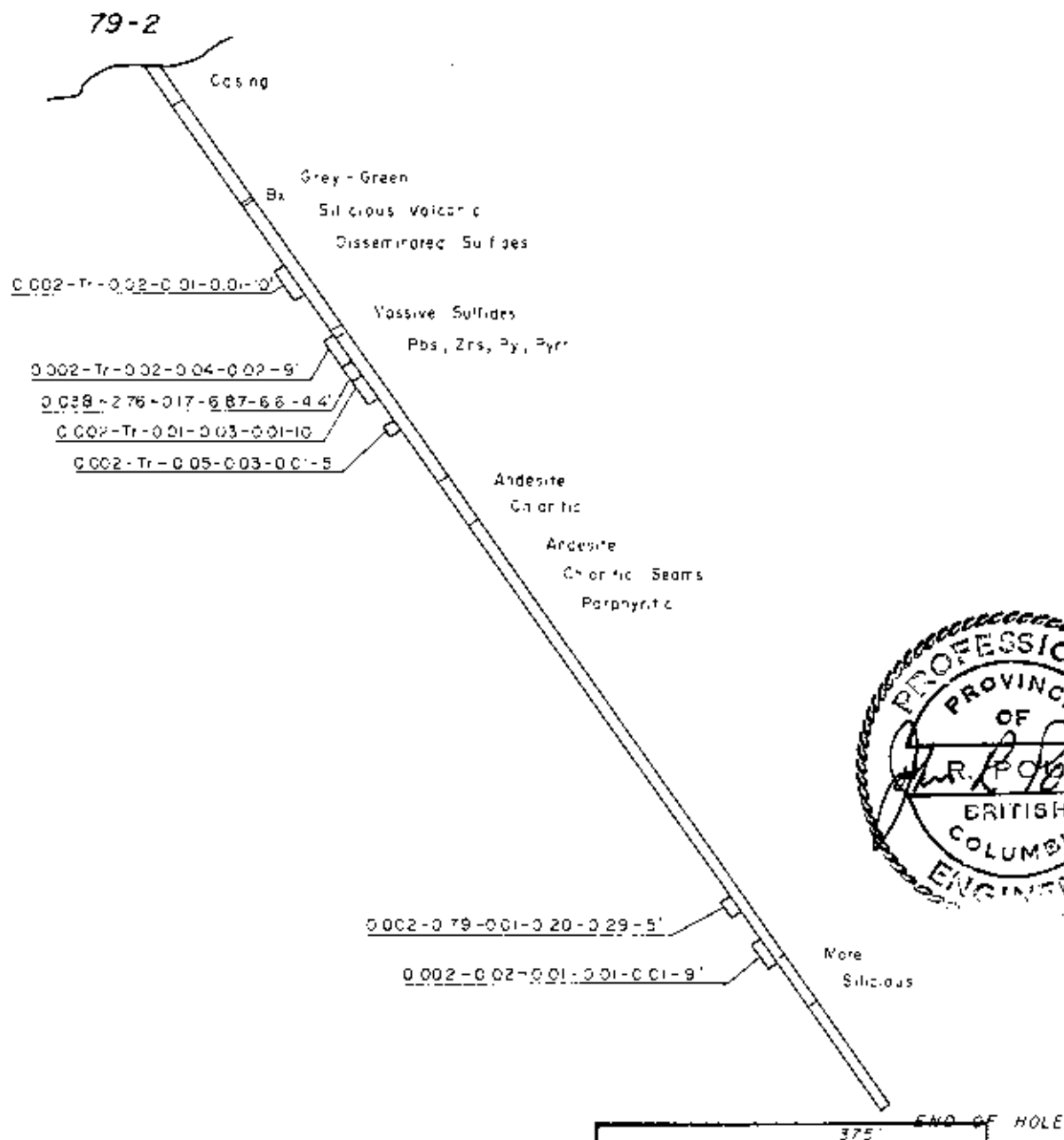
ASSAY DATA

| Au | Ag | Cu | Pb | Zn | WIDTH |
|-------|------|------|------|------|-------|
| oz/T | oz/T | % | % | % | FT. |
| 0.010 | 7 | 0.05 | 0.01 | 0.02 | 10' |
| 0.004 | 7 | 0.04 | 0.01 | 0.02 | 2' |
| 0.006 | 0.10 | 0.04 | 0.37 | 0.65 | 3.5' |
| 0.00 | 0.46 | 0.03 | 0.52 | 0.57 | 9.5' |
| 0.00 | 0.68 | 0.07 | 0.54 | 0.5 | 5.6' |

Dip - 55°
 Bearing N 30° E.

MINING DIVISION
 7731

| | | |
|---|--------------------|----------|
| SUMMIT PASS MINING CORPORATION | | |
| DIAMOND DRILL SECTION 79-1
LOOKING WESTERLY
LITTLE NITNAT AREA
ALBERNI, B.C. | | |
| JOHN R. POLONI & ASSOCIATES LTD. | | |
| DRAWN: J.R.P. | CHECKED: J.R.P. | PLAN No. |
| SCALE: 1" = 50' | DATE: FEB 10, 1980 | 6 |



LEGEND

- Qtz - Quartz
- ~~~~ Fault Zone
- Py - Pyrite
- Pyrr - Pyrrhotite

ASSAY DATA

| Au | Ag | Cu | Pb | Zn | WIDTH |
|------|------|----|----|----|-------|
| oz/T | oz/T | % | % | % | FT. |

Dip - 55°
 Bearing N55°E.

375' END OF HOLE

GENERAL REGISTERED BRANCH

ASSOCIATION OF ENGINEERS

7731

NO.

SUMMIT PASS MINING CORPORATION

DIAMOND DRILL SECTION 79-2

LOOKING NORTHERLY

LITTLE NITNAT AREA

ALBERNI M.D.

JOHN R. POLONI & ASSOCIATES LTD.

| | | |
|-----------------|---------------------|----------|
| DRAWN: J.R.P. | CHECKED: J.R.P. | PLAN No. |
| SCALE: 1" = 50' | DATE: FEB. 10, 1980 | 7 |

80-1

Casing

Grey-Green
Silicious Volcanic
Thin Filament Qtz
Minor Py Pyrr

0004-C-43-013-183-2'

Andesite
Dark Green Colour
Ep. date Rich
1-3% Surfaces
Sections To 10%
Good Sulphides

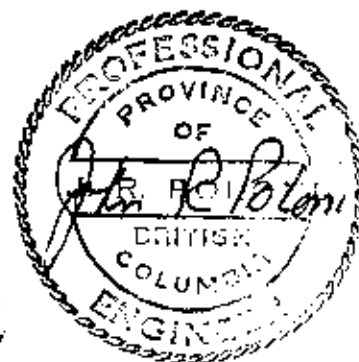
0006-Tr-002-008-5'

Talc

Good Sulphides
Specked Py

0002-Tr-001-002-3'

Ep. date in Films @
Seams



37.8 END OF HOLE

LEGEND

Qtz - Quartz

~~~~~ Fault Zone

Py - Pyrite

Pyrr - Pyrrhotite

ASSAY DATA

| Au   | Ag   | Cu | Pb | Zn | WIDTH |
|------|------|----|----|----|-------|
| oz/T | oz/T | %  | %  | %  | Ft    |

Dip - 45°

Bearing N55°E

MINERAL RESOURCES BRANCH

ASSESSMENT REPORT

NO. **7731**

SUMMIT PASS MINING CORPORATION

DIAMOND DRILL SECTION 80-1

LOOKING NORTHERLY

LITTLE NITNAT AREA

ALBERNI M.D.

JOHN R. POLONI & ASSOCIATES LTD.

DRAWN: J.R.P.

CHECKED: J.R.P.

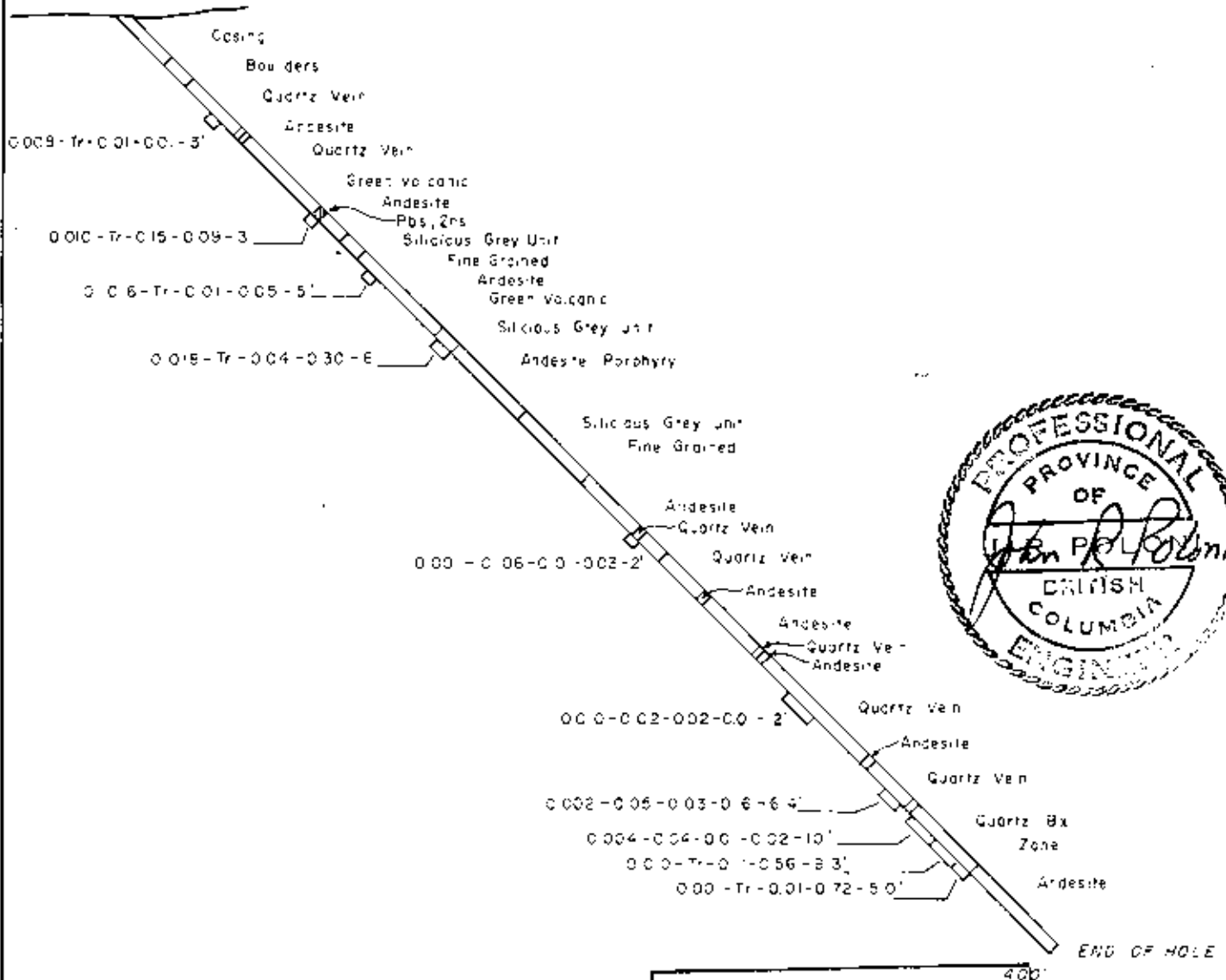
PLAN No

SCALE: 1" = 50'

DATE: FEB. 10, 1980

8

DDH 80-2



LEGEND

- Qtz - Quartz
- ~~~~ Fault Zone
- Py - Pyrite
- Pyrr - Pyrrhotite

ASSAY DATA

| Au   | Ag   | Cu | Pb | Zn | WIDTH |
|------|------|----|----|----|-------|
| oz/T | oz/T | %  | %  | %  | Ft.   |

Dip - 45°  
Strike N 55°E

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**7731**  
NO.

|                                  |                     |          |
|----------------------------------|---------------------|----------|
| SUMMIT PASS MINING CORPORATION   |                     |          |
| DIAMOND DRILL SECTION 80-2       |                     |          |
| LOOKING NORTHERLY                |                     |          |
| LITTLE NITNAT AREA               |                     |          |
| ALBERNI M.D                      |                     |          |
| JOHN R. POLONI & ASSOCIATES LTD. |                     |          |
| DRAWN: J.R.P.                    | CHECKED: J.R.P.     | PLAN No. |
| SCALE: 1" = 50'                  | DATE: FEB. 10, 1980 | 9        |

TO CAMP  
ZONE



Fe STAINED  
MASS VE pyrrhotite, pyrite, chalcopyrite

HEAVY  
OVERBURDEN

BANK



ASSAY DATA

| No  | Au<br>oz/T | Ag<br>oz/T | Cu<br>% | Pb<br>% | Zn<br>% | Width<br>m |
|-----|------------|------------|---------|---------|---------|------------|
| 765 | 0.05       | 6.42       | 5.0     | 0.16    | 0.57    | Grab       |

NATIONAL REGISTERED BRANCH

ASSESSMENT NO. 001

**7731**

NO. ~~SUMMIT PASS MINING CORPORATION~~

COPPER ZONE

A. B. C; SUMMIT; GAL;  
GEORGE; LINDA; EXT.

ALBERN. M. D.

JOHN R. POLONI & ASSOCIATES LTD.

|                  |                    |         |
|------------------|--------------------|---------|
| DRAWN : J.R.P.   | CHECKED : J.R.P.   | PLAN No |
| SCALE : As Shown | DATE : NOV 6, 1979 | 10      |

