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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,082

JOHN R. POLONI P. Eng.
Consulting Geologist

Diamond Drill Report
on the
Trek Mineral Claims
TREK, TREK 1-8
Latitude $48^{\circ}56.5'N$, Longitude $124^{\circ}03'W$
Nanaimo - Victoria M.D.
N.T.S. 92C/16E
Vancouver Island, British Columbia
by
John R. Poloni, B.Sc., P.Eng.
September 25, 1985

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,082

John R. Poloni & Associates Ltd.
1512 B - 56th Street
Delta, B.C. V4L 2A8

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1.0 SUMMARY AND CONCLUSIONS

During September 1985, Trek Resources Ltd. undertook the completion of drill hole 1-85 to explore a schistose unit exposed along road and dozer cuts on the Trek (1174) claim. The hole was vertical and drilled to a depth of 402.0 feet (122.5 m). No mineralization of significance was noted in the drill core and assays for silver, gold, and copper were low.

2.0 INTRODUCTION

The writer was requested by Mr. R.J. Reid, President of Trek Resources Ltd., to undertake the logging, splitting and sampling of drill core from hole 1-85 drilled during September 1985. The vertical hole was completed to a final depth of 122.5 feet using B type drilling equipment, by Globe Drilling of Vancouver. It was located by Trek Resources Ltd. on the strength of previous bulk shipments, surface exposures in a zone of numerous trenches, and dowsing.

This report is a short summary of the drill program.

3.0 LOCATION, ACCESS, PHYSICAL FEATURES

The Trek Claims are located in the Nanaimo and Victoria M.D. approximately 13 miles (21 km) due south of Nanaimo and 14 miles (22.5 km) westerly of Chemainus near the headwaters of the Reinhart River.

Access from Nanaimo, B.C. is southerly along the Island Highway to near Fuller Lake and Chemainus, then westerly for 28 miles (45.06 km) along the Chemainus main logging road to the C7 logging road on the right. C7 road joins the Boulder main logging road known as the "B" main. The drill hole is located on the right hand side of "B" 22 logging road, a right turn off the "B" main road.

The claims cover moderately rugged but rounded terrain near the height of land along the headwaters of the Rheinart River. Elevations approximate 2600 to 3200 feet above sea level (800 - 975 meters).

Much of the area of the claims has been logged, facilitating observations for geological mapping and prospecting.

Road access to parts of the claims is excellent.

4.0 CLAIM INFORMATION

The claims consist of the Trek (20 units) and eight two post claims Trek (1-8) situated principally in the Victoria M.D. but with the northeasterly part of the Trek located partially in the Nanaimo M.D.

Claim Data

	<u>Record No.</u>	<u>Record Date</u>
Trek (20 units)	1174	May
Trek 1-6 (2 post)	760 - 765	February
Trek 7,8 (2 post)	1330 - 31	February

5.0 GEOLOGY

No detailed geological mapping was completed by the writer as drilling was underway when logging and splitting of drill core was initiated on September 20, 1985. The Claims cover in part the DC unit as defined by Muller, J.E. on Geological Reconnaissance Map of Vancouver Island and Gulf Islands, dated July 1971. These rocks are Carboniferous and Devonian (Sicker Volcanics) consisting of meta-andesite, dacite, tuff, breccia, and greenschist. General structural trends on the claims are northwesterly - southeasterly.

6.0 DIAMOND DRILLING

Drill hole 1-85 was a vertical hole to a depth of 402.0 feet (122.5 m) completed using B-type wireline equipment and drilled under contract by Globe Drilling of Vancouver, B.C. The hole tested schists, phyllite and schistose andesite which are believed to represent the greenschist facies of the Sicker volcanics (D.C. unit) as defined by Muller, 1971.

The greenschist unit transgresses the property in a north-westerly-southeasterly direction in a zone with an apparent width of 50-100 meters and being steeply dipping or vertical. The drill hole by being vertical tested only a narrow section of the schistose unit. Complete information on the section would have been achieved by attempting an inclined hole.

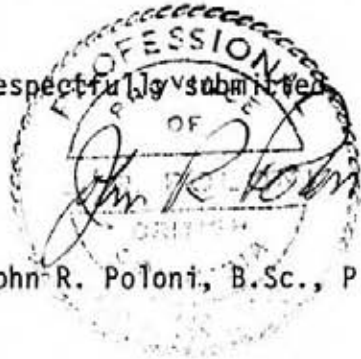
Drill logs with assay are appended. Generally, results were low for the elements tested.

7.0 RECOMMENDATIONS

Additional work on the structure should be undertaken in a systematic success contingent manner using standard geological, geochemical, and geophysical practices as defined by the industry.

Further drilling should only be planned after preliminary surveys have defined worthy targets, with any drill holes designed to cross-cut the structures.

Respectfully submitted,



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

APPENDIX A

- | A. | <u>Maps</u> | <u>Scale</u> |
|----|--------------------------------------|--------------|
| | Plan No. 1 Location Map | 1:50,000 |
| | Plan No. 2 Regional Geology | as shown |
- B. Legend - Muller, J.E.
for Geological Reconnaissance Map of Vancouver Island and Gulf Islands.
- C. Cost Breakdown
Drill Program
- D. Copies of Drill Reports
Globe Drilling
- E. Min-En Invoice - 5-696
- F. Assay Data
- G. John R. Poloni & Associates - Invoice #85-33
- H. Trek - Sketch Map 1:5000 - Grid Area - Drill Hole
- I. Drill Logs - John R. Poloni & Associates

COST BREAKDOWN

Drill Period - September 17 - 21, 1985

Personnel

John R. Poloni - September 20 - 21

J.J. Poloni - September 20 - 21

Invoice 85-33 \$ 1,547.07

Assaying

Min En Laboratories 858.00

Drilling Costs

Globe Drilling

Report by R.J. Reid, 603' (183.8 m.) 12,000.00

TOTAL COST \$ 14,405.07



JOHN R. POLONI P. Eng.
Consulting Geologist

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

CERTIFICATE OF ASSAY

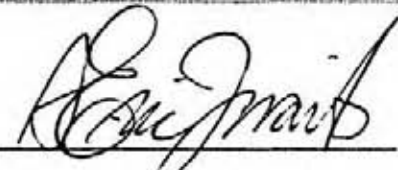
COMPANY: TREK RESOURCES
PROJECT:
ATTENTION: J.POLONI/R.J.REID

FILE: 5-696/P2
DATE: SEPT.24/85.
TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NUMBER	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	CU %
T-31	0.4	0.01	.01	0.001	.010
T-32	0.3	0.01	.01	0.001	.012
T-33	0.1	0.01	.01	0.001	.010
T-34	0.1	0.01	.02	0.001	.012
T-35	0.2	0.01	.01	0.001	.011
T-36	0.2	0.01	.02	0.001	.012
T-37	0.1	0.01	.01	0.001	.010
T-38	0.2	0.01	.01	0.001	.010
T-39	0.1	0.01	.01	0.001	.012

Certified by



MIN-EN LABORATORIES LTD.

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project Date of report **Sept. 24/85.**

File No. **5-696** Date samples received **Sept. 23/85.**

Samples submitted by: **John Poloni/R.J. Reid**

Company: **Trek Resources**

Report on: Geochem samples

39

Assay samples

Copies sent to:

1. **Trek Resources, Nanaimo, BC**

2. **John Poloni, Delta, B.C.**

3.

Samples: Sieved to mesh Ground to mesh **-100**

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: **Cu, Ag-Acid digestion-chemical analysis. Au-fire.**

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

MIN-EN Laboratories Ltd.*Specialists in Mineral Environments*

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

CERTIFICATE OF ASSAY

COMPANY: TREK RESOURCES
 PROJECT:
 ATTENTION: J. POLONI/R. J. REID

FILE: 5-696/P1
 DATE: SEPT. 24/85.
 TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NUMBER	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	CU %
T-1	0.2	0.01	.04	0.001	.016
T-2	0.3	0.01	.01	0.001	.015
T-3	0.4	0.01	.02	0.001	.013
T-4	0.3	0.01	.13	0.004	.010
T-5	0.5	0.01	.32	0.009	.012
T-6	0.2	0.01	.01	0.001	.014
T-7	0.3	0.01	.18	0.005	.006
T-8	0.2	0.01	.02	0.001	.008
T-9	0.2	0.01	.01	0.001	.008
T-10	0.3	0.01	.48	0.014	.008
T-11	0.2	0.01	.01	0.001	.007
T-12	0.4	0.01	.01	0.001	.010
T-13	0.1	0.01	.02	0.001	.008
T-14	0.2	0.01	.01	0.001	.011
T-15	0.2	0.01	.03	0.001	.011
T-16	0.3	0.01	.04	0.001	.009
T-17	0.1	0.01	.01	0.001	.008
T-18	0.2	0.01	.01	0.001	.008
T-19	0.2	0.01	.01	0.001	.006
T-20	0.1	0.01	.02	0.001	.008
T-21	0.1	0.01	.02	0.001	.009
T-22	0.4	0.01	.01	0.001	.010
T-23	0.2	0.01	.01	0.001	.012
T-24	0.2	0.01	.03	0.001	.010
T-25	0.2	0.01	.01	0.001	.010
T-26	0.1	0.01	.01	0.001	.011
T-27	0.2	0.01	.01	0.001	.013
T-28	0.1	0.01	.02	0.001	.012
T-29	0.1	0.01	.02	0.001	.012
T-30	0.2	0.01	.01	0.001	.012

Certified by



MIN-EN LABORATORIES LTD.

1512B - 56th Street
Delta B.C.
V4L 2A8

September 25, 1985
Invoice No. 85 - 33

Trek Resources Ltd.
70 Machleary Street
Nanaimo B.C.
V9R 2G4

Dear Sir: Re: Trek Claims Drilling Project 1 - 85

Disbursements

B.C. Ferries	\$ 46.00	
Food	9.50	
Motel & Food	88.97	
Fuel	55.10	
My Secretary	22.50	
Truck	100.00	
Core Splitter	<u>25.00</u>	
	\$347.07	\$ 347.07

Professional Services

Sept20/85	Field	1 day	
Sept21/85	Field	1 day	
Sept23/85	Lab, Drill Logs	½ day	
Sept24/85	Letter etc.	½ day	
Total Time	3 Days		<u>\$1200.00</u>
Total Invoice			<u>\$1547.07</u>

Respectfully Submitted

John R. Poloni P. Eng.

Paul J.P.

DIAMOND DRILL RECORD

COLLAR
 NORTH _____
 EAST _____
 ELEVATION _____
 AZIMUTH _____
 DIPS _____

COMPANY Trek Resources Ltd.
PROPERTY Trek Claims
LOCATION Duncan B.C.
B.Q.

HOLE DDH 1-85
STARTED Sept. 16/85
FINISHED Sept. 21/85
DEPTH 402.0 ft. (122.5m)
PURPOSE _____
LOGGED BY J.R.P.

**GEOLOGICAL BRANCH
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% Core Recovery	From	To	Description	Samples				Assays			Averages		
				Sample No.	From	To	Width	Au	Ag	Cu	FROM	TO	WIDTH
							ft.	oz/T	oz/T	%			
	0.0	3.20 10.5	Casing										
	10.5	17.37 57.0	Schist - Phyllite - Green Schist	T-1	10.5	22.0	11.5	0.001	0.01	0.016	3.20	6.70	
			Schistosity almost parallel to core	T-2	22.0	32.0	10.0	0.001	0.01	0.015	6.70	9.75	
			minor quartz stringer and films	T-3	32.0	42.0	10.0	0.001	0.01	0.013	9.75	12.80	
			with pyrite finely disseminated, cubic	T-4	42.0	52.0	10.0	0.004	0.01	0.010	12.80	15.85	
			and in seams along schistosity planes.	T-5	52.0	62.0	10.0	0.009	0.01	0.012	15.85	18.90	
			Core slightly gaugy and talcy along	T-6	62.0	72.0	10.0	0.001	0.01	0.014	18.90	21.95	
			schistosity	T-7	72.0	82.0	10.0	0.005	0.01	0.006	21.95	25.00	
			@ 36.0 - 57.0 increase in qtz. str.	T-8	82.0	92.0	10.0	0.001	0.01	0.008	25.00	28.04	
			and pyrite @ 0-15° to core	T-9	92.0	102.0	10.0	0.001	0.01	0.008	28.04	31.10	
			@ 42.0 qtz. breccia str. zone	T-10	102.0	112.0	10.0	0.014	0.01	0.008	31.10	34.14	
	57.0	116.0	Schist - Andesite	T-11	112.0	122.0	10.0	0.001	0.01	0.007	34.14	37.19	
			Rock more competent, with minor	T-12	122.0	132.0	10.0	0.001	0.01	0.010	37.19	40.23	
			brecciated qtz. stringers. Decrease	T-13	132.0	142.0	10.0	0.001	0.01	0.008	40.23	43.28	
			in pyrite content. Contacts blend	T-14	142.0	152.0	10.0	0.001	0.01	0.011	43.28	46.33	

DIAMOND DRILL RECORD

COLLAR

NORTH _____
 EAST _____
 ELEVATION _____
 AZIMUTH _____
 DIPS _____

COMPANY Trek Resources Ltd.

PROPERTY _____

LOCATION _____

HOLE 1-85

STARTED _____

FINISHED _____

DEPTH _____

PURPOSE _____

LOGGED BY _____

% Core Recovery	From	To	Description	Samples				Assays			Averages		
				Sample No.	From	To	Width	Au	Ag	Cu			
			stringer random to 3/4"	T-15	152.0	162.0	10.0	0.001	0.01	0.011	16.33	19.38	
			^{20.73} @ 68.0 - 70.0 1/2" qtz. str. @ 5°	T-16	162.0	172.0	10.0	0.001	0.01	0.009	19.38	52.42	
			^{21.45} @ 72.0 core only slightly schistose	T-17	172.0	182.0	10.0	0.001	0.01	0.008	52.42	55.47	
			^{23.31 23.53} @ 76.5 - 77.2 qtz. vein, Cs blend @	T-18	182.0	192.0	10.0	0.001	0.01	0.008	55.47	58.52	
			40°, slightly chloritic section, poor	T-19	192.0	202.0	10.0	0.001	0.01	0.006	58.52	61.59	
			sulfides.	T-20	202.0	212.0	10.0	0.001	0.01	0.008	61.59	64.62	
			^{26.51 26.04} @ 87.0 - 92.0 qtz. pods along	T-21	212.0	222.0	10.0	0.001	0.01	0.009	64.62	67.67	
			minor schistosity planes @ +5° to	T-22	222.0	232.0	10.0	0.001	0.01	0.010	67.67	70.71	
			core.	T-23	232.0	242.0	10.0	0.001	0.01	0.012	70.71	73.76	
			^{32.77 33.22} @ 107.5 - 109.0 qtz. vein about 1 1/2"	T-24	242.0	252.0	10.0	0.001	0.01	0.010	73.76	76.81	
			thick with contacts @ +10°	T-25	252.0	262.0	10.0	0.001	0.01	0.010	76.81	79.86	
	^{35.36 46.33} 116.0	152.0	Schist (as above)	T-26	262.0	272.0	10.0	0.001	0.01	0.011	79.86	82.91	
			increase in sulfide content, pyrite	T-27	272.0	282.0	10.0	0.001	0.01	0.013	82.91	85.95	
			in seams, cubic. Schistosity @	T-28	282.0	292.0	10.0	0.001	0.01	0.012	85.95	89.00	
			0° - 20° sulfides 1 - 5%	T-29	292.0	302.0	10.0	0.001	0.01	0.012	89.00	92.05	

Scale = 1:5000

15,082

LOCAL BRANCH
REPORT

NW 15

R22B

79
78

South Rd 4 Block III

B24 M

Grid Area
420 M

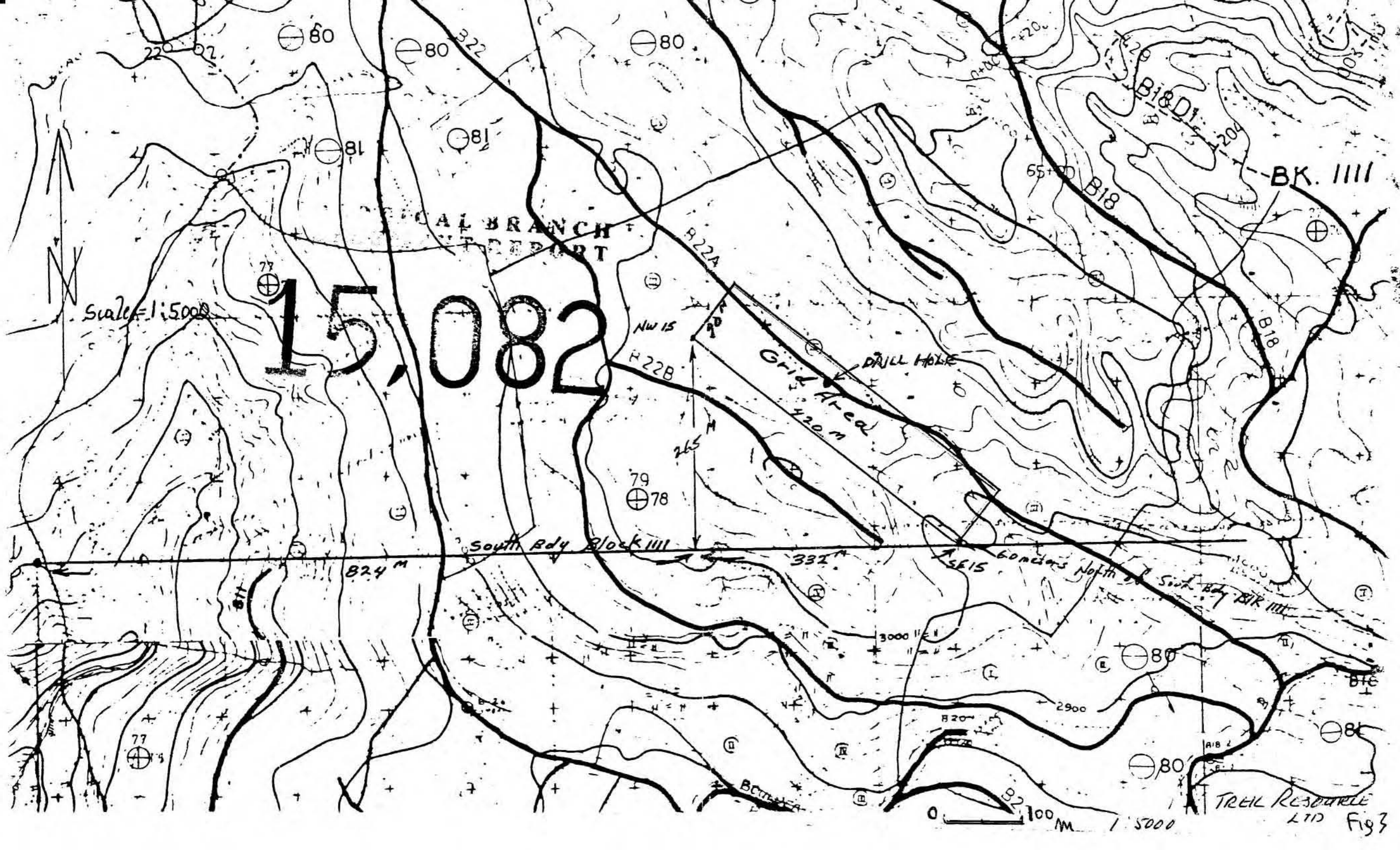
DRILL HOLE

A515

60 meters North of South Rd 4 Block III

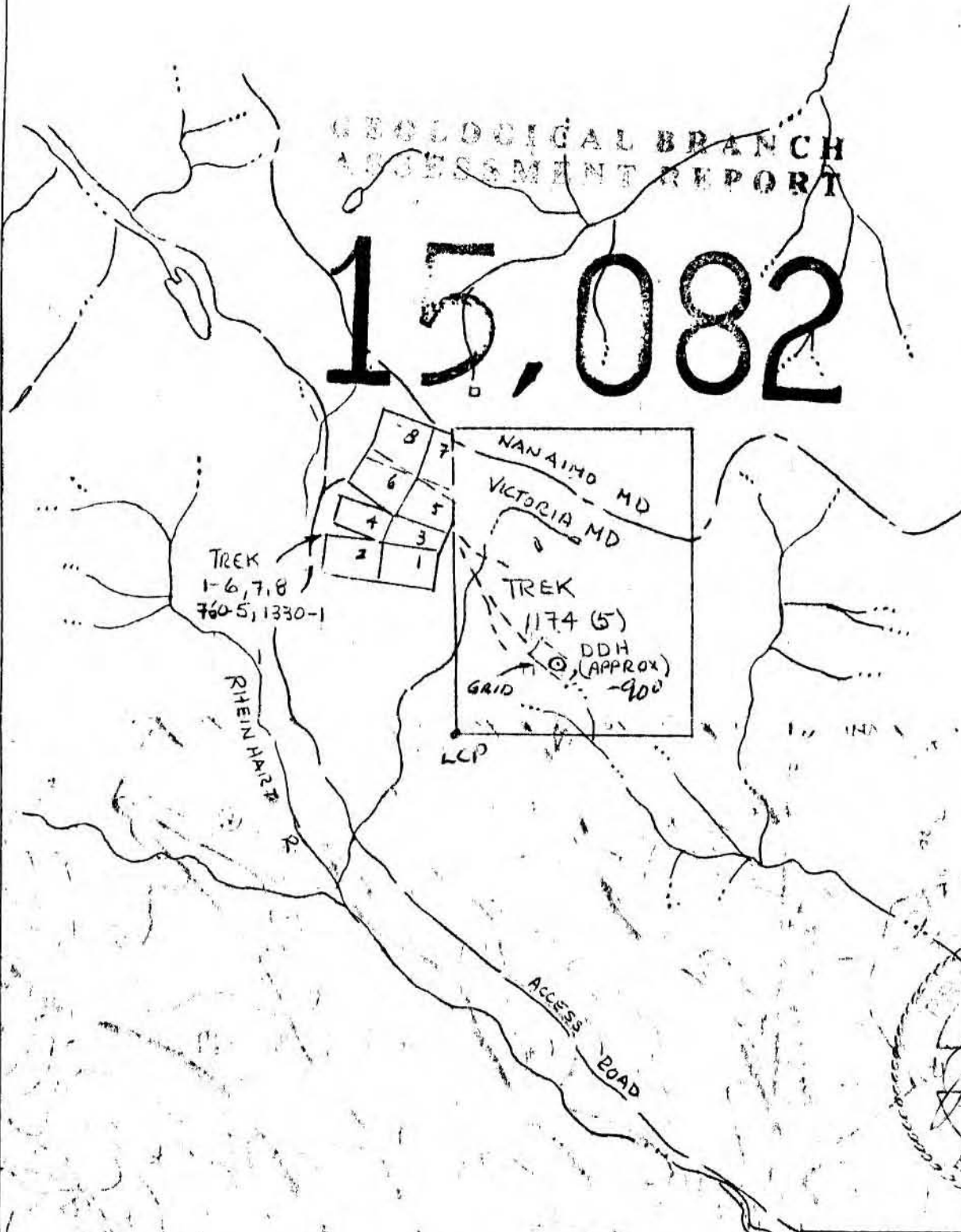
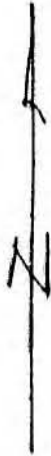
0 100 M 1:5000

TREIL RESOURCE LTD Fig 3



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,082



TREK RESOURCES LTD		
PROPERTY MAP TREK, TREK1-8 CIMS NANAIMO - VICTORIA MP B.C.		
DRW J.P.	CKD J.P.	NO
SCALE 1:50000		1

NTS 92C/16E

GEOLOGICAL RECONNAISSANCE MAP OF VANCOUVER ISLAND AND GULF ISLANDS

REVISED TO JULY 1971

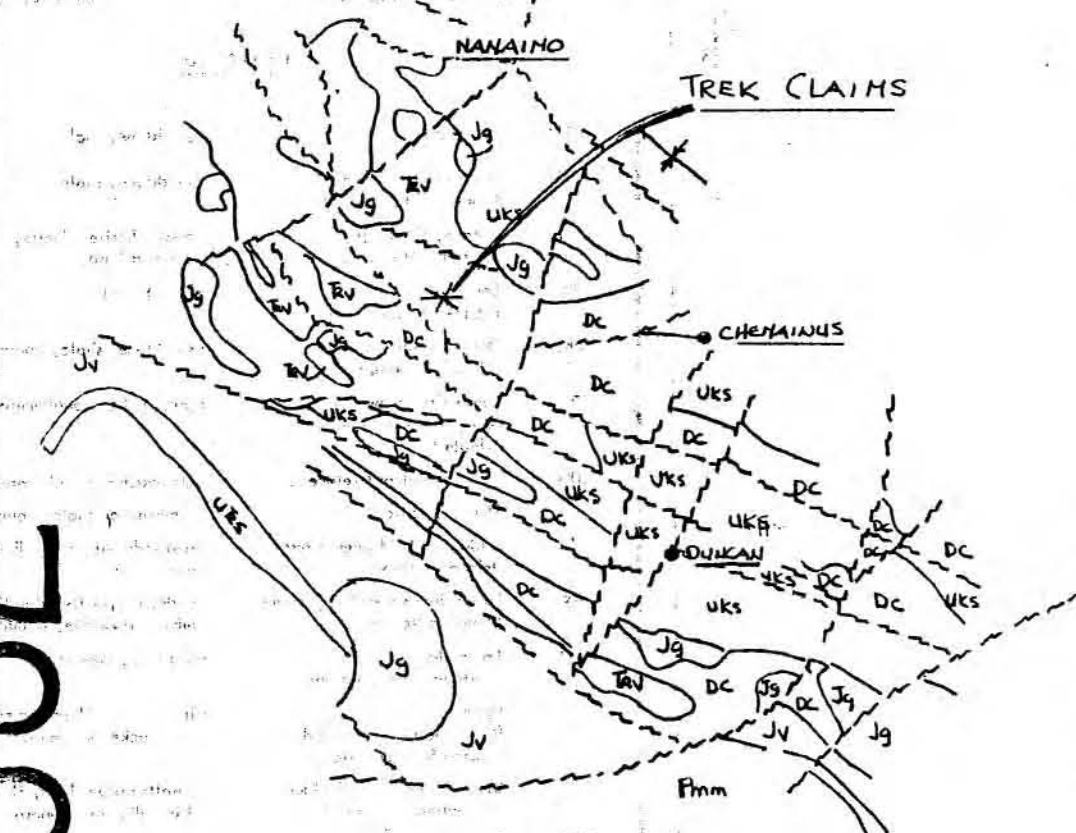
BY J. E. MULLER

LEGEND

pITs	Pliocene	: sandstone, shale
eoTs	Eocene, Oligocene (Comanah Formation)	: sandstone, shale
Tg	Eocene, Oligocene (Tertiary Intrusions)	: quartzdiorite, dacite, Tb : gabbro
Tv	Eocene (Metchosin Volcanics)	: basalt, tuff
uKs	Upper Cretaceous (Nanaimo Group)	: sandstone, shale, conglomerate, coal
LKs	Lower Cretaceous (Langam Group and Haida Group)	: greywacke, conglomerate, shale, coal
JKs	Jurassic and/or Cretaceous	: greywacke, conglomerate, argillite
uJs	Upper Jurassic	: greywacke, shale, conglomerate
Jg	Middle and ? Upper Jurassic (Island Intrusions)	: quartzdiorite, granodiorite, quartz- monzonite
Jv	Lower Jurassic and ? younger (Bonanza Volcanics)	: andesite, dacite, rhyolite, tuff, breccia minor greywacke, argillite
lJs	Lower Jurassic (Harbledown Formation)	: argillite, greywacke
uRs	Upper Triassic (Quatsino Limestone and Parson Bay Formation)	: limestone, calcareous siltstone, greywacke, volcanic conglomerate
Rv	Upper Triassic and ? older (Karmutsen Volcanics)	: basalt; pillow-lava, flow-lava, breccia Rb : diabase, gabbro
PMm	Paleozoic and/or Lower Mesozoic (Wark-Colquitz Complex and Westcoast Complex)	: gneissic diorite, quartzdiorite, gabbro, amphibolite PMg : quartzdiorite; PMb : metagabbro PMn : schist, gneiss (Leach River Schist)
Ps	Pennian and Pennsylvanian (Buttle Lake Limestone and Sicker Sediments)	: limestone, greywacke, argillite, chert
DC	Carboniferous and ? Devonian (Sicker Volcanics)	: meta-andesite, dacite, tuff, breccia, greenschist
	Geological Contact, approximate	—
	Fault, fracture, lineament	—

Geology is based on published information, some assessment reports and private information, and reconnaissance mapping north of 49° latitude by J. E. Muller. Corrections and amendments to this map will be gratefully received by the compiler.

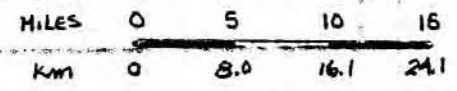
Open File Map



15082
 49°30'
 124°00'



TREK RESOURCES LTD		
REGIONAL GEOLOGY TREK I, TREK I-B CLAIMS NANAIMO-VICTORIA M.D.		
DRW J.P.	CKD J.P.	
SCALE AS SHOWN		2



after Muller 1971

CLARENCE BAY
 PORT

Appendix B
Certificate

Certificate

I, John R. Poloni, of 5502 - 8B Avenue, in the Municipality of 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 Member of the Canadian Institute of Mining and Metallurgy.
6. I have personally visited the Trek Resources property on September 20 - 21, 1985.
7. I have no interest in the properties or securities of Trek Resources, nor do I expect to receive or acquire any.
8. I consent to the use of this report by Trek Resources in a submission to the Vancouver Stock Exchange and/or the British Columbia Superintendent of Brokers, and to distribute all or parts of the report to the shareholders or other interested parties provided that the meaning is not altered by partial quotes.

Dated this 25th day of September, 1985.



JOHN R. POLONI P. Eng.
Consulting Geologist