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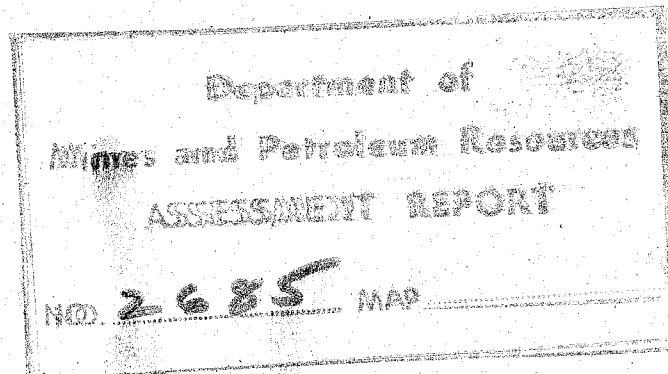
ASSESSMENT REPORT  
ON  
ROCK 1 - 10 CLAIMS  
LILLOOET MINING DIVISION  
BRITISH COLUMBIA  
for

DEMSEY MINES LTD.

BY

JOHN R. POLONI

GEOLOGIST



CREST DEVELOPMENTS LTD.

TABLE OF CONTENTS

Introduction	.....	Page 2
Location and Access	.....	Page 3
Claims	.....	Page 3
History	.....	Page 3
Regional Geology	.....	Page 4
Local Geology	.....	Page 4
Geological Reconnaissance Mapping.....		Page 5
Trenching	.....	Page 6
Time Breakdown	.....	Page 7
References	.....	Page 8
Certification	.....	Page 9

- #1 LOCATION PLAN
- #2 ROAD LOCATION
- #3 TRENCHING ROCK

INTRODUCTION

A property examination on the Rock 1 - 10 claims was conducted between the 17th and the 20th of October, 1970 by the author accompanied by Mr. D. J. Gallen and Mr. D. Williams. Reconnaissance geological mapping was undertaken along logging roads traversing the claims. Trenching was done on two quartz showings in sheared phyllite and schist.

LOCATION AND ACCESS

The Rock 1 - 10 claims are located in the Lillooet Mining Division at latitude 50°30 and longitude 122°30, approximately one mile northwest of Divine Station on the P.G.E. in the Province of British Columbia.

Access from Vancouver is by Highway No. 99 to approximately 30 miles north east of Pemberton. A logging road extends from this highway, at a point one mile north east of Divine Station, across the claims. The Rock claims are located on a moderately steep side hill along the south bank of Blackwater Creek at 1/2 mile from the highway.

CLAIMS

The Rock 1 - 10 claims, record Numbers 32444 - 32453 have assessment due dates of October 21, 1970.

HISTORY

Very little exploration work has been undertaken in the vicinity of the Rock claims. Dr. J. F. Walker in G.S.C. Summary Report 1933, "Lillooet Map Area", reports a quartz showing in slightly carbonaceous phyllite containing traces of pyrite and limonite.

HISTORY (continued)

Mr. F. C. Tomlinson describes the showings on Rock 2 and Rock 5, and Rock 7 claims in his report, "Report on the Rock Group of Mineral Claims, Blackwater Creek Area, Lillooet Recording Division, British Columbia", dated October 17, 1969.

REGIONAL GEOLOGY

Rocks of Mesozoic age consisting of Jurassic and Triassic units of argillite, quartzite, limestone, conglomerate, chlorite and talc schists, and volcanic rocks underlie the area.

LOCAL GEOLOGY

The claims are underlain principally by carbonaceous to quartzose phyllite. Overburden is heavy and rock exposures are limited. The showings consist of schist and phyllite containing pods and veinlets of white vuggy quartz ranging in thickness from thin seams to a maximum of 1' - 2'.

Very little sulphide mineralization is seen. Vugs containing hematite are infrequently found in the quartz and in the accompanying wall rock.

Tomlinson F. C. describes the showings as follows:

LOCAL GEOLOGY (continued)

"The main quartz showing shows very little sulphide mineral but is vuggy in places. The schist and wall rock is carbonitized in places and rusty with open vugs. There is also some hematite filled vugs, presumably after pyrite. Some of the schist is chloritic and some sericitic. Some of the quartz has been altered to fine grained quartzite, or represents a member of the sedimentary series.

Another showing just east of the road on Claim Rock 5 consists of a highly sheared zone exposed for a width of over 30 ft. The schist is mostly chloritic and contains numerous narrow rusty quartz stringers, separated by narrow bands of chloritic or sericitic schist. This could be the continuation of the Zone to the northeast but it is some distance east of the location line.

A third showing examined by the writer is on the north side of the logging road near the north boundary of Rock No. 7. The quartz in this showing shows a banded structure and some unaltered sulphide mineralization mostly pyrite with possibly a little chalcopyrite. This showing also lies to the east of the location line. The foliation of the schist has a strike parallel to the other showings."

GEOLOGICAL RECONNAISSANCE MAPPING

Geological mapping was undertaken along the logging roads traversing the claims. The area has recently been logged. Burning of slash was done during the summer of 1970.

GEOLOGICAL RECONNAISSANCE MAPPING (Continued)

The rocks seen in the examination consisted of carbonaceous to quartzose phyllites and schists cut by minor quartz stringers and filaments both concordant and discordant in attitude. A maximum thickness of two feet of quartz was noted. As overburden is heavy, less than 5% of the claims have rock exposure.

TRENCHING

Trenching using a gas plugger was undertaken on the showing on claim Rock 5. The area worked is on both the east and west sides of the main logging or micro-wave tower road, which traverses the claims. A sketch map is included - Map 3. A showing consisting of vertically sheared phyllite and schist with thin concordant bands of quartz was examined. No sulphide mineralization was seen. The shear zone is 12-15' wide with a near vertical dip.

TIME BREAKDOWN AND EXPENSES

Geological Reconnaissance

J. Poloni	3 Mondays @ \$125.00	\$375.00
D. Gallen	1 Monday @ \$100.00	100.00

Trenching

D. Gallen	2 Mondays @ \$100.00	200.00
D. Williams	2 Mondays @ \$ 50.00	100.00

Equipment Rental

Truck		186.00
Powder fuse, etc.		40.00
Rock Drill		60.00
Food		<u>56.00</u>

Total		<u><u>\$1,117.00</u></u>
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REFERENCES

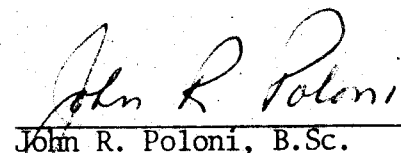
- Dr. J. F. Walker - Geological Survey of Canada  
Summary Report 1933  
"Lillooet Map Area"
- F. C. Tomlinson - Report on Rock Group of Mineral  
Claims, Blackwater Creek Area,  
Lillooet Recording Division,  
British Columbia, October 17, 1969.

CERTIFICATION

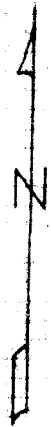
I, John R. Poloni of 5502 - 8B Avenue,  
Delta, B.C., do hereby certify:

- 1) That I am a graduate of McGill University of Montreal, Quebec, where I obtained a Bachelor of Science degree in Geology in 1964.
- 2) That I have passed the qualifying examinations, for registration in the Association of Professional Engineers of British Columbia, written in April, 1970.
- 3) That I have practised my profession as a geologist for the past six years.
- 4) That I have personally examined the Rock 1 - 10 claims in October, 1970.
- 5) That I have no direct and indirect interest in the Rock 1 - 10 claims and do not hold any capital stock of Demsey Mines Ltd.

DATED at Vancouver, B.C.,  
this 6th day of November, 1970.

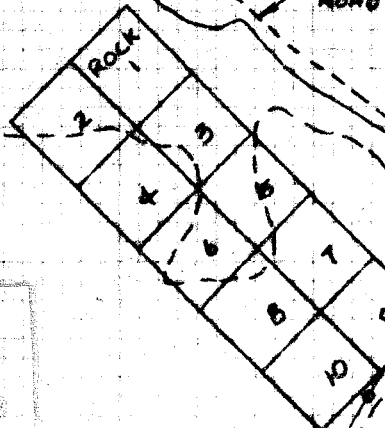
  
John R. Poloni, B.Sc.

BLACKWATER LAKE



BLACKWATER CREEK

BLACKWATER L. ROAD



Logging Road

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 2685 #1

HIGHWAY 89

DEVINE STA.

GATES RIVER

PGE

To Vancouver

DEMSEY MINES LTD

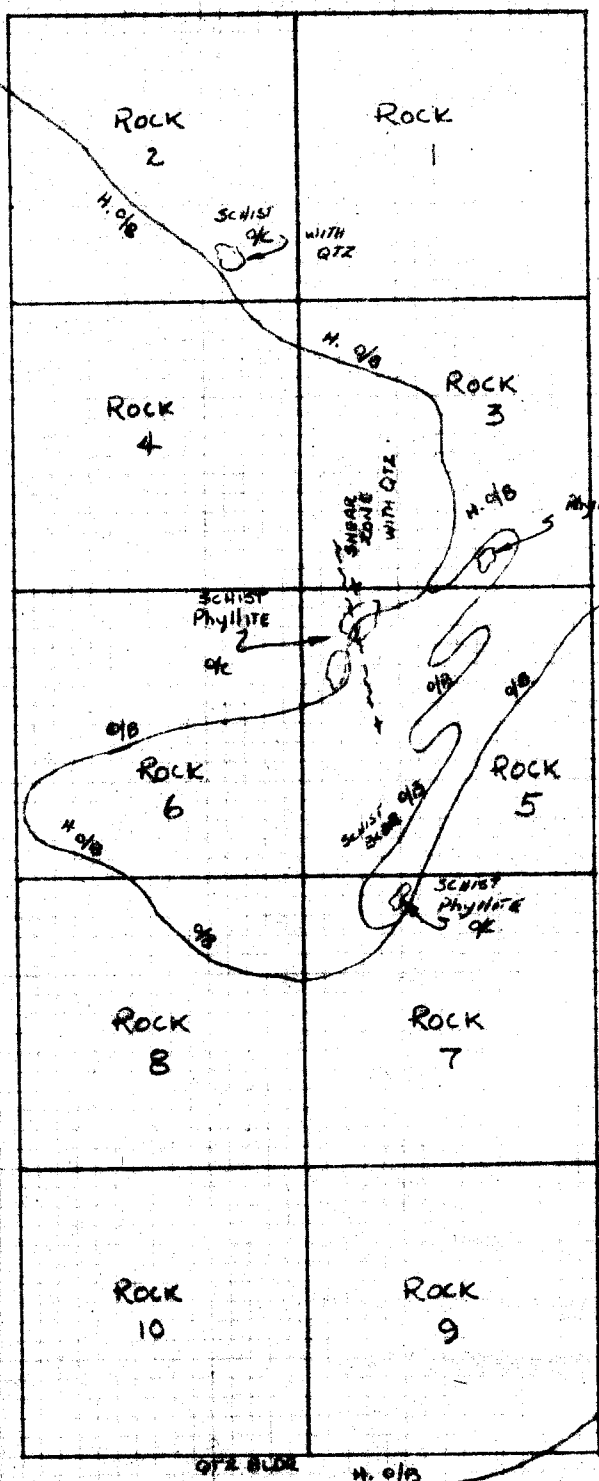
LOCATION PLAN  
ROCK CLAIMS

NOTE SCALE 1" = 3000' APPROX

SCALE 1" = 3000' DRN J.E.W.  
DATE NOV 6/70 M.R.P.

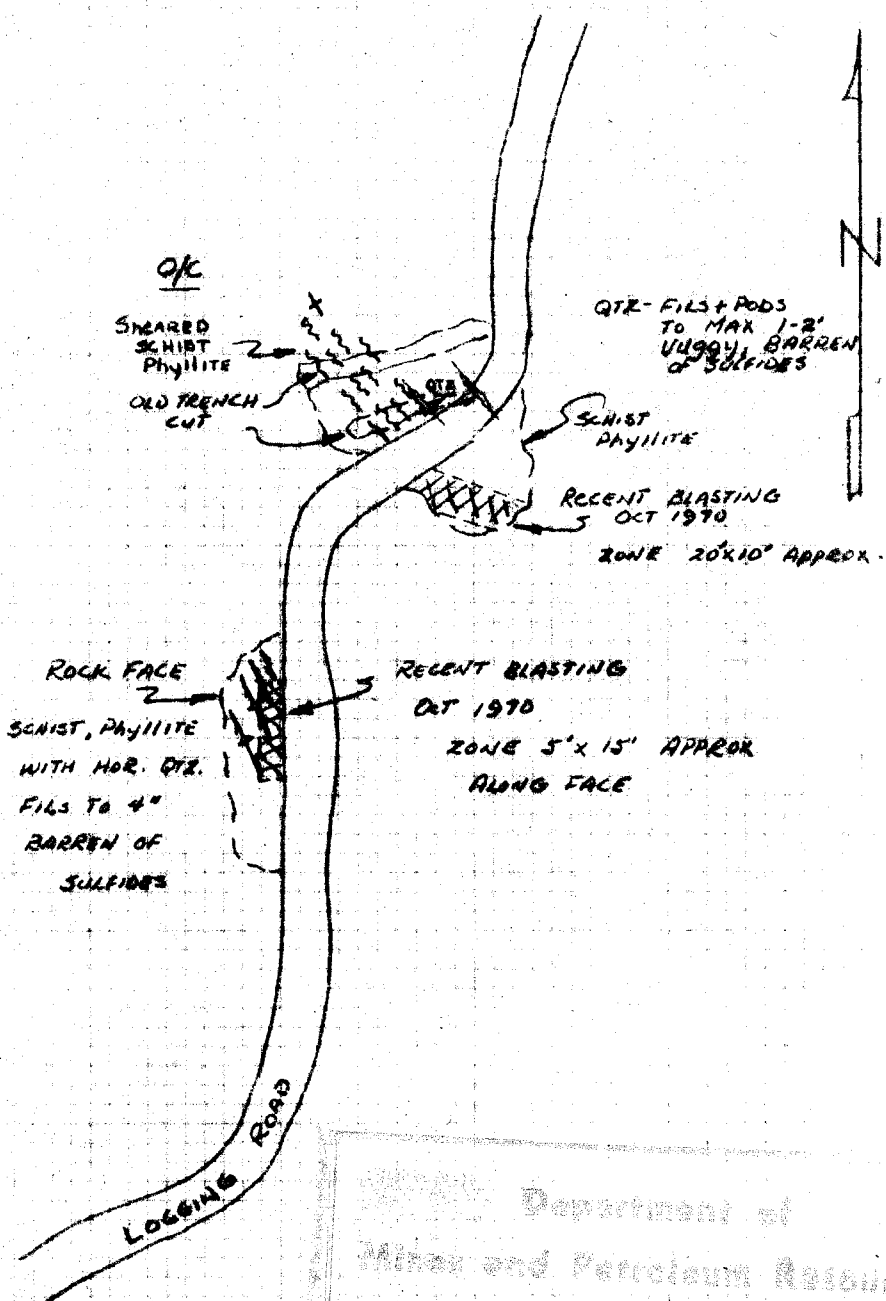
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NO 2688 MAP #2



NOTE - ROAD LOCATION APPROX.

DEMSEY MINES LTD	
LOGGING ROADS GEOLOGY	
SCALE 1"=1000'	DRN J.E.P.
DATE NOV 6/70	MAP 2



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 W2685 110 #3

DEMSEY MINES LTD.	
TRENCHING ROCK # 5 CL.	
SCALE 1" = 40'	DRN. J.R.P.
DATE NOV/70	MAP 5