

D.C. Douglas
2850 Fandell Street
Nanaimo B.C.

May 5th, 1969

Mining Division,
Canadian Pacific Oil & Gas Ltd.,
205 Ninth Avenue S.E.
Calgary 21, Alberta.

Attention Mr. H.G. Rushton

Dear Glen;

The following is a summary of work done on Mt. Hayes (vicinity Ladysmith V.I.) up to 2 May 1969.

Reference Maps:-

1:50,000	92G/4	West Half	-	Nanaimo	Nat. Topo Series
"	92B/13	" "	-	Duncan	" " "
20 chains = 1 in.	Map 48° 123'	No. 10	-	N.W. Forest Cover	
" "	" " 49° 123'	No. 3	-	S.W. " "	

Map 42A Duncan Sheet issued 1918 Scale 1:125,000
Geology by Clapp, Uglow & Cooke.

Geological Map with Paper 47-22, Nanaimo Coalfield,
scale 1 inch = 1 mile 1947

Map 158A, Nanaimo Sheet, issued 1916, Scale 1:62,500
Geology by C.H. Clapp.

Reference Photos:- The following 1968 B.C. Govt. air photos were obtained,
scale 20 chains = 1 inch.

B.C. 70 6 ⁷⁶	-	146 to 149 inclusive
B.C. 7079	-	210 to 216 "
B.C. 7076	-	220 to 227 "

<u>Samples Taken</u>	D-306 to D-489	183 samples
	D-544 to D-570	25 "
	Total	208 "

(D-490 to D-543 were resampling on Mt. Richards)

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PROPERTY FILE

926SW020

Plotting of Samples

See Traces to photos: - B.C. 7076- 147 & 148
 B.C. 7079- 211 & 212
 B.C. 7079 - 226

Old Workings Located

092G 020

"Thistle" adit is marked on trace to photo B.C. 7076-147. This adit is at the base of a line of cliffs and at top of talus. Old wagon road from it is impossible to follow to logging roads. Camp site about 300 ft. north is marked by old ore car and steam boiler.

For description refer to:- G.S.C. Memoir No. 51, Geology Nanaimo Map Area, by C.H. Clapp - 1914 at page 125. Workings are in safe condition for easy examination.

092B 104

"Coronation Adit" . This is marked on trace to photo B.C. 7079 - 212 and lies about 150 ft. south of a road, which can be driven, in Block 427, westerly portion. Dump, under no snow conditions, should be visible from road.

Description is given at page 387, G.S.C. Memoir No. 96, Sooke & Duncan Map Areas, V.I. by C.H. Clapp 1917. There seems to be no B.C. Minister Report references.

Adit, reputed to be 300 ft long, was not examined for lack of light and a reluctance to enter old workings while alone. The first 100 ft was in safe condition, no timber.

This adit was driven on a cliff exposure of quartz, there being an indication that this is a sill. Overburden and snow above prevented further examination as to attitude.

Dump, only partly snow free, was composed of near barren quartz. the only sulphide seen was pyrite. "High Grade" pile at portal had considerable pyrite. No Cu. mineral was seen. Clapp reported Pyrite, Chalcopyrite and a little Pyrrhotite "but not in sufficient value to be ore"

Workings NOT Located

92G 024

The two adits, half mile N.E. of Mt. Hayes summit and prospect on Bush Creek referred to at page 124 G.S.C. Memoir No 51, have not been found.

New Showing

At sample D-559, photo B.C. 7079-212, a dark fine grained rock intrudes the "diorite". This black rock is rusty in places and a sample with chalcopyrite was obtained. The black intrusive may be 500 ft wide and is thought to be a priority prospecting area. As the objective was to find the "Coronation" adit, little time was spent in vicinity D-559. This was the only locality on Mt. Hayes project where Cu. mineralization was seen, apart from Thistle adit.

As contact of diorite with Sicker must be close to west it seems that this is good prospecting ground.

Soil Sample Assay.

All soil samples taken in Mt. Hayes vicinity were sent to Barringer, in Vancouver, today (5 May.)

All photos, and traces, are returned to you with this interim report.

Encls.

Yours very truly,

D. C. DOUGLAS

D.C. Douglas
Exploration Engineer