



WHEN REPLYING PLEASE REFER TO

FILE NO.....

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

13 - 74 West Seymour Street  
Kamloops, B. C.

November 5, 1973

Dr. N.C. Carter, P. Eng.  
Geologist  
Mineralogical Branch  
Department of Mines and Petroleum Resources  
Parliament Buildings  
Victoria, B. C.

1944

Dear Nick:

I looked at Pan Ocean core, three holes drilled in the Highland Valley. It looks as if there is an altered tuff containing basaltic dikes, in turn intruded by granodiorite; there must be a major fault through here (also on photo?)

The holes are just north of a small lake which lies SSE of Calling Lake (please see enclosed photocopy).

I thought Vic Preto might be interested in this and in particular, is there anyway of dating the light green material? Enclosed photocopy of photo showing location of holes #1 and #2. This is the only loc. map I have.

In general I find the response to a D.G. very good.

Under separate cover I am forwarding some rocks for Vic; also some rocks for Jim McCammon, and some rocks for thin sectioning for me. Please let me know if they do indeed arrive.

Enclosed herein worksheets etc. (Someone explained how they work). Thank you.

Yours truly,

*Gordon*  
Gordon P.E. White, P. Eng.  
District Geologist

*Bringing to  
Vic for Nov 7 MEG*

DEPT. OF MINES AND PETROLEUM RESOURCES	
GPEW:lc	
Rec'd NOV 8 1973	
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NCC	



WHEN REPLYING PLEASE REFER TO

FILE NO.....

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

13 - 74 West Seymour Street  
Kamloops, B. C.

November 6, 1973

Mr. Scott Draver  
Pan Ocean Oils Limited  
1050 - 335 - 4th Avenue SW  
Calgary, Alberta

Dear Mr. Draver:

We had a brief look at the three holes stored in Don Wrights' garage.

In one and two, there seems to be an altered tuff which has been brecciated and recemented, then intruded later again by QD and, later quartz and carbonate veins.

We are sending a suite of samples of the rock to Vic Preto of the B.C. Department, and we are grateful for having had the opportunity of seeing the core.

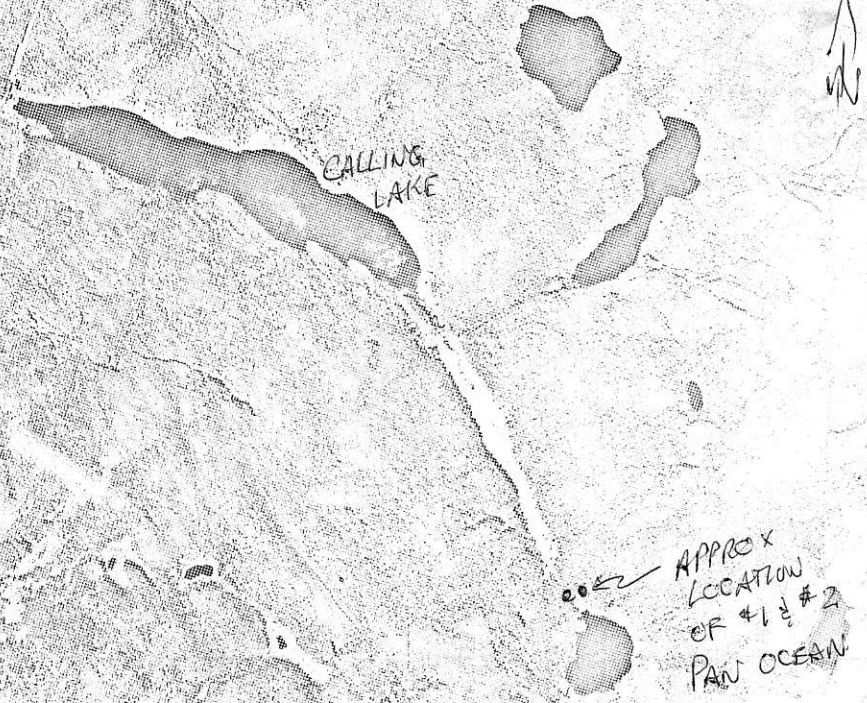
The only metallic minerals noted were magnetite, titaniferous hematite, some pyrite, and an occasional speck of chalcopyrite. There was nothing economic noted in the core. Pyrite appear to be replacing pyroxenes after chlorite but this observation is based on megascopic examination only in hole number three.

Yours truly,

*per* Gordon P.E. White  
Geologist

GPEW:lc  
cc. Nick Carter ✓  
Geologist

Re: Pan Ocean Drill Core - Highland Valley  
Reference to Nick & Vic



BC 5312 - 042