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161 PEMBERTON AVENUE,  
NORTH VANCOUVER, B.C.

SEPTEMBER 15, 1965

MR W.D. YORKE-HARDY  
Box 874, SMITHERS, B.C.

DEAR BILL:

MANY THANKS FOR YOUR SEPT. 7<sup>TH</sup> LETTER WITH ENCLOSED MAPS AND SKETCHES. YOUR RECENT FIELD WORK HAS CERTAINLY PROVIDED A LOT OF NEW INFORMATION WITH RE. TO THE OVER-ALL DISTRIBUTION AND/OR PATTERNS OF Q-F PORV, HORNFELS AND ALASKITE. OUR E-N-E AND NE APPARENT FRACTURE - MINERAL TRENDS SHOULD 'FIT' A LITTLE BETTER! ALSO, AS A RESULT OF YOUR FINDINGS WE SHOULD BE ABLE TO MORE CLOSELY CONFINE THE GENERAL EXPLORATION AREA. THE DETAILED EXPLORATION ~~COULD NOT~~ <sup>MAY</sup> BE CONFINED TO A GENERAL ENE-WSW RECTANGLE CONTAINING THE SUCCESSION OF Q.F. PORV - MINERALIZED HORNFELS - ALASKITE - HORNFELS - ETC(?).

ALSO, IT APPEARS THAT THE OVER-ALL ET I.P. ANOMALY FOLLOWS THIS APPARENT 'RECTANGLE', WITH INDIVIDUAL ELEMENTS CUTTING ACROSS AT HIGH-ANGLES AND LOCALLY FOLLOWING CONTACT TRENDS. SANDY DODDS MAY GIVE US MORE DETAIL IN HIS (FINAL) REPORT, WHICH IS EXPECTED ANY DAY NOW.

NOW THAT THE EXPLORATION AREA IS MORE CLOSELY DEFINED, YOU MAY WISH TO UNDERTAKE ADDITIONAL SOIL-SAMPLING AS TIME PERMITS. IF AMAX IS JAMMED UP THE SAMPLES - WITH 'OVER-LAPS' TO CORRELATE THEM - COULD BE SENT OUT TO A COMMERCIAL LAB. I HAVE A COUPLE OF THESE ON FILE.

I HAVE NOTED THE 'HG' SURVEY RESULTS AND HAVE WRITTEN SUTHERLAND - BROWN RE THEM. THE LEHMANN EQUIPMENT AND RESULTS ARE CONTROVERSIAL AND, IN MY OWN OPINION, OF LESS VALUE THAN NORMAL GEOCHE

2 - MR. W. D. DEARKE HARDY - SEPT. 15/65

IN TRACKING DOWN CU-MO MINERALIZATION. HOWEVER, IT WILL BE INTERESTING TO LEARN OF HIS UP-TO-DATE VIEWS ON THIS. MY GEOCHEM. REFERENCES ASSOCIATE MERCURY (HG) MAINLY WITH AG-PB-ZN-SB TYPE MINERALIZATION - OR DIRECTLY TO CINNABAR DEPOSITS.

YOUR RESULTS ON THE L-2400, I-2600 ARE VERY ENCOURAGING. KEEP AN EYE OPEN FOR A POSSIBLE WINW-ESE TREND ON THIS BILL, AND WOULD APPRECIATE HEARING OF ANY NEW DEVELOPMENTS.

I NOW FEEL THAT PACKSACK 'SCOUT' DRILLING W. EX-SIZED EQUIPMENT SHOULD LOGICALLY PRECEDE THE PROPOSED PROGRAMS "O.D." AND/OR AXIAL DRILLING. THIS EQUIPMENT SHOULD ALLOW US TO GENERALLY 'PROSPECT A NUMBER OF 'TARGETS', AS LONG AS THE SHALL 'CAT' IS AVAILABLE TO REMOVE POSSIBLE HEAVY OVERBURDEN IN SOME OF THE AREAS. MORE CONCLUSIVE ~~EXPL~~ TESTING WOULD STILL REQUIRE THE BIGGER EQUIPMENT. DAN ADVISES THAT MOLYMINES IS LOOKING INTO THE RENTAL AND/OR PURCHASE OF A PACKSACK 3-1/4" DRILL. WHAT IS YOUR OPINION, BILL, AS BASED ON YOUR DETAILED KNOWLEDGE OF THE VARIOUS ROCK CONDITIONS LIKELY TO BE ENCOUNTERED?

I HOPE YOUR CURRENT TRENCHING IN THE VICINITY OF THE LOWER 20-PLUS I.P. ANOMALY WILL PROVIDE SOME TANGIBLE CORRELATION - W. RE. TO THE POSITIONS OF HEAVIEST DISSEMINATED-SULPHIDE MINERALIZATION AND THE ANOMALY. IT WOULD APPEAR TO LIE SOMEWHAT UP-HILL (DIP?) OF THE OBSERVED MINERALIZATION ZONE - DIPS COULD AFFECT ALL ANOMALIES.

I HAVE MADE A ROUGH ESTIMATE, WITH DAN AND JOHN, OF THE COST OF THE HALL GROUP WORK. THEY WILL PROBABLY ASK FOR YOUR CHECK-ESTIMATE.

THE 'PARTICIPATION' IDEA IS FINE AS LONG AS A 'MAJOR' PICKS UP A FULL SHARE OF THE EXPENSE AND UNDERTAKES TO DO AN ADEQUATE EXPLORATION PROGRAM.

BEST REGARDS

SINCERELY,

Bill.

P.S. WILL BE ON 2ND REPORT & COST ESTIMATES SOON, SO WOULD APPRECIATE NEWS OF ANY GEOCHEM. DATA - IF FORTHCOMING OR OF PERTINENT DEVELOPMENTS.

6/9/65.

U.S. 2nd Trip; to  
check preliminary  
stripping along left-absolute  
contact zone; I.P.  
results (prior to completion)  
w. ref. to spacing,  
orientation, and  
concentration of O.D.  
holes.

Dodds. Heavy baffle  
200' plus sp followed  
by 100's + 400' as indic.  
(same as Britmont)

Keep eye open for CaWO<sub>4</sub>.

Molybdenes.

Re Work estimates. / Dan Small.

poss total, Huber + Co. - net \$ 50,000  
(7500.)

allow 35-40,000 for Huber

Should have Toronto - approved  
V. P. report.

REGISTERED OFFICE:

9th Floor,  
475 Howe St.,  
Vancouver 1, B.C.

# MOLYBDENE

EXPLORATIONS LTD. (N.P.L.)

EXPLORATIONS OFFICE:

Box 874,  
Smithers, B.C.  
Telephone 847-2581

9 September 1965

William M. Sharp,  
161 Pemberton Avenue,  
North Vancouver, B.C.

Dear Bill:

Herewith is up-to-date info on Mineral Hill as requested in your telephone call of Saturday last.

Since you were on the property August 8th the I.P. Survey was completed. You have copy of preliminary map indicating line extensions and closer interval readings. I was given to understand by Sandy Dodds that the entire hill is anomalous. Where do we go from there?

I have noted certain additional information on my copy of the preliminary map which I am forwarding to you.

Since completion of the I.P. Survey August 12th and their move out the following day a program of soil sampling at 100-foot intervals on I.P. lines from 00 to the top, 1400 feet, 3000 feet and 3600 feet respectively, was carried out. I am awaiting results from Amax Explorations Inc. (Southwest Potash). They promise them as soon as they can possibly run them. They have a backlog of their own work, late season stuff. They are now short staffed following return of many to university.

A spring at C - 1350 was excavated and 2-inch plastic pipe laid to F - 00, with a "T" just above the -860, for water supply for drilling. We have used it for some washing off in lower trenches.

Trenches have been cleaned out ready for drilling and blasting. Some of this work has been carried out and should be completed today on the trenches up the hill between L - 2400 and west of I - 2600. Blasting in the centre trench has widened the zone of interest. Just west of the old open cut at I - 2600 initial blasting in the area you suggested should be stripped off disclosed some interesting mineralization, moly in quartz stringers and sericite. The area is not as extensive as first indicated however. This is about 160 feet N 60 W of centre trench. More moly appears about 50 feet farther along the stripping.

I plan to move the drilling and blasting down to the stripping above the old open trench. This trench exposes the granite/hornfels contact and also extends across the lower 20-plus I.P. anomaly from the old trench to above the 00 line as indicated on map.

Also enclosed in a map and profiles of Lemaire Detector mercury in soils program carried out by Sutherland-Brown of the province Dept. of Mines. I missed him while I was in Vancouver so have had no explanation of the results. I do understand they are of considerable interest, and the best he got in the area. He visited several properties including Hudson Bay Mountain and Endako. Please return.

A start was made on soil sampling and magnetometer survey on the

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and soil sampling  
Hall Group magnetite/copper prospect. Readings/were started on the top  
claim line westerly from the road and along the granite intrusive, then on the  
centre claim line from the road. Plan to get out and complete this program  
soon.

Hope this brings you the information you require.

I checked on the Paeksack diamond drill whill in the city, and dis-  
cussed its use with the directors. Whether or not we obtain one or contract  
a drilling program remains for decision and financing following completion  
of our "going public", I think Dan will explain.

We are also considering participation because of the extensive  
program that now appears to confront us following the I.P. Survey results.  
What is your opinion in this regard? There has been some interest expressed  
as Dan will tell you.

Best regards,



W.D. Yorke-Hardy