

Rec'd July 31/67

800930

MEMO TO : Mr. W. Sharp, Suite 808, 900 West Hastings Street, Vancouver 1, B.C. .
 Manex Mines Ltd., Suite 200, 535 Thurlow Street, Vancouver 5, B.C.
 Attention: Mr. M. Beley

FROM : Barringer Research Limited, 304 Carlingview Drive, Rexdale, Ontario
 John L. Walker

DATE : July 27, 1967

SUBJECT : DISCUSSION OF ANALYTICAL RESULTS FROM MINERAL HILL AREA, SMITHERS, B.C.

The undersigned visited the Smithers office of Manex Mines Limited to examine the analytical results received to date from the Mineral Hill Property. A brief meeting was also held with Mr. W. Sharp in Vancouver.

A preliminary review and discussion of the geochemical data and geology with Mr. M. Beley revealed that the distribution of copper, molybdenum and mercury in the soils at Mineral Hill was related to underlying mineralization. Anomalous concentrations of these metals were found to coincide with the known zones of mineralization. In addition relatively high values were also found to coincide with geologically favourable extensions to the areas of known mineralization.

It was recommended that the plotted data, when completed, should be sent to the writer for more detailed examination and interpretation. In order to aid the preliminary assessment of these data the concentration ranges set out below for copper, molybdenum and mercury have been selected by statistical means essentially. Modifications to the analytical groupings may be necessary when the geochemical data is complete and studied in more detail in relation to the geology.

<u>Concentration Range</u>	<u>ppm Cu</u>	<u>ppm Mo</u>	<u>ppm Hg</u>
Background	0-40 41-54	0-17	0-35
Threshold	55-82	18-25	36-60
Anomalous	+82	+25	+60

The background range for copper has been divided into an upper and a lower section. This relatively detailed grouping of copper data may reflect different geological formations rather than a main zone of mineralization. Such a tentative interpretation may be confirmed or rejected on closer study of the geochemical data in relation to the geological history of the area.

John L. Walker

John L. Walker
Consulting Geochemist

JLW:np

O.D - M.H. M. Kelly phone Aug 30 P.M.

Fire Hole (# 83, 7000 l.f. T.D.) has blocked out B.P. zone @ 200' center.
Drilling

65-05. / 5E-8E.

Theo, Fri, summer M.W. 2 Hall groups via maps etc.
Advise Theo on M.W. OP if OK per floor.
Hall - prelim. interim

→ no hell - few spotty grabs only.

→ Cut walk run to check out
Sampling

No apparent O.D. targets on Hall.

next batch northly line M.H. samples
soil-samples in for tests.

* M.H. regional recess so much 10 days
Jim Barringer.

16 holes -- 1 weeks work then drill
can be released for other prep exploration.

20-34N / 14E-18E

± 7000 l.f. → 8500 l.f.

OK. Dan to phone + advise.
Bell Y-H. + advise.
Dan re his gen. OK to move off M.H.
elsewhere (these M.W. well targets)

allowing chance to pick up & consolidate
data to data (T.S.L. sorting service too slow); can
always return to M.H. to drill subsequently
established targets

(Adv. Dan Aug 29. Finish up more deep diad drill (a) Alaska zone
(b) Q.P. zone

Hold off prep of report until all m.
wetherley data at hand.

Nov. 20/67

Go through T.S. h spectra assays of rotary
percussion holes; select a list for check
assays + advise Mike Wetherley by letter.

Nov

- M Wetherley to provide detailed geochron maps,
Cu, Mn & Hg surveys; also full plot of
rotary percussion drill sampling

Note @ off. fee inc to 60⁰⁰ where this follows
W.M.S. field work

Office fees to 75⁰⁰, where most of field work
done by others.

Ref. pertains to Molybdenum Huber.

Re proposed grade MoS₂ deposit.

See G.C.M.L. # 10, 1969 - Adanae p. 1.

Doug C. recommends 2-phase effort program
Total \$942,000

~~1st bit~~

Hale reported 100' - 0.11% MoS₂

170' - 0.13% MoS₂.