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Kendal

801362

MARCH 26, 1973

MR R A FREBERG, P.ENG.
HUDSON BAY EXPLORATION & DEVELOPMENT LTD.,
SUITE 1675-555 BURNARD ST.,
VANCOUVER 1, B.C.

DEAR RAY:

ENCLOSED IS A DRAFT OF "PRELIM. MAP, GEOLOGY AND
GEOCHEMISTRY, MINIM GROUP, SANDSPIT, B.C." WHICH DIK
BATES ASKED ME TO ~~ATTN~~ SEND TO YOU.

THE 70 P.P.M. THRESHOLD VALUE FOR COPPER (1.14A) IS THE
SAME AS THAT USED BY FALCONBRIDGE. AS MG DOES NOT
APPEAR TO BE PARTICULARLY SIGNIFICANT, NO ATTEMPT WAS
MADE TO DELINEATE POSSIBLY ANOMALOUS AREAS.

ALL THE EVIDENCE INDICATES THAT VERY LITTLE DETAILED
PROSPECTING WAS DONE BY EITHER FALCONBRIDGE OR TEXAS GULF -
IN SPITE OF THE LARGE AREAL EXTENT OF THE ALTERATION
(BLEACHING - SILICIFICATION - PYRITIZATION). ALSO, AS FAR AS WE
COULD TELL, NO ATTEMPT WAS MADE TO FOLLOW UP THE
GEOCHEM. SURVEY BY EVEN LOCAL GEOCHEMICAL OR PHYSICAL
EXPLORATION, SO ITS OBVIOUSLY A RAW PROSPECT.

AS SOON AS DIK BATES GIVES ME THE DETAILS ~~OF~~
CONCERNING WHICH MAPS OF THE KILANZA (NOW KENDAL)
COPPER GROUP ARE REQUIRED, I'LL SEND THEM ALONG.

BEST REGARDS.

YOURS TRULY,

Bill Sharp

ENCL.

File Kendal, 1972-73.

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171 WEST ESPLANADE
NORTH VANCOUVER, B.C.

FEB. 14, 1973

MR. R.H. BATES, PRES.,
KENDAL MINING & EXPLORATION (O. LTD. (I.P.L.))
P.O. BOX 580,
TERRACE, B.C.

DEAR DICK:

HEREWITH 2 PRINTS OF 'PRELIMINARY MAP, GEOLOGY AND GEOCHEMISTRY, MMM GROUP' BASED ON OUR OWN SURVEYS AND DATA IN REPORT 2343. THE RESULTS OF ALEX'S ROCK CHIP SAMPLES - R.C. MMIM 2-B INCL. ARE ALSO SHOWN, WITH ALL OF THESE HAVING ABOUT THE SAME RANGE OF CU-MO CONTENT AS LOCAL SOIL SAMPLES.

I HANDED TWO IDENTICAL PRINTS TO ALEX YESTERDAY - AT WHICH TIME WE JOINTLY REVIEWED THE MAP AND PERSONAL OBSERVATIONS.

PLEASE NOTE THAT THE FALCONBRIDGE SOIL ANALYSES ARE SHOWN ON THE MAP VIA GRID-LINES POSITIONED AS CLOSELY AS POSSIBLE PER THEIR (IDEALIZED) MAP. IN ACTUAL FACT SOME OF THE LINES MAY NOT REALLY SITUATE AS SHOWN, BUT THERE IS NO WAY OF DETERMINING THIS WITHOUT ACTUALLY LOCATING ALL OF THEIR LINES IN THE FIELD AND TYING THEM INTO OUR TRAVERSE. I SUSPECT THAT THEY ARE NOT AS STRAIGHT AS SHOWN.

THE ANOMALIES SHOWN ARE IN ACCORDANCE WITH THE 70 P.P.M. THRESHOLD (CU) EMPLOYED BY FALCONBRIDGE. MO DISTRIBUTION DOES NOT APPEAR TO FOLLOW ANY DISCERNIBLE PATTERN; HENCE NO ATTEMPT HAS BEEN MADE TO OUTLINE POSSIBLY-ANOMALOUS AREAS.

I DON'T THINK I SHOULD COMMIT KENDAL TO THE EXTRA EXPENSE OF A REPORT UNTIL YOU HAVE HAD A CHANCE TO STUDY THE MAP AND INDEPENDENTLY ASSESS THE GROUP'S ORE POTENTIAL -- WHICH IS DIFFICULT WITHOUT SOME ACTUAL SHOWINGS TO USE AS A 'YARDSTICK'.

BEST REGARDS,
Bill
(W.M. Sharp)

ENCL.

FEB. 14 / 73

SUPPLEMENTARY NOTES - MIMM GROUP

1. OTHER ROCK-CHIP SAMPLES BY ALEX :

- (a) MIMM-1 CHIPS FROM QUARRY ON ROAD TO COPPER BAY :
CU. 59 P.P.M. , MO. 2 P.P.M.
- (b) MIMM-9 CHIPS FROM OUTCROPS IN GORGE @ \pm 500' DOWN-
STREAM OF POINT WHERE OUR SURVEY LINE CROSSES
CREEK BETWEEN A'S 25 & 26.
CU. 65 P.P.M. , MO. 3 P.P.M.

GENERAL

ON THE BASIS OF ACCUMULATED SOIL-SAMPLE DATA, THERE DOES NOT APPEAR TO BE A SIGNIFICANT DEGREE OF CONTRAST BETWEEN 'ANOMALOUS' & 'BACKGROUND' COPPER. TO SOME EXTENT, THIS MAY BE DUE TO OXIDATION-LEACHING OF CHALCOPYRITE IN PYRITIZED (ACIDIC) HOST ROCKS; HOWEVER, NOT ALL PYRITE SHOWS EVIDENCE OF THE DEGREE OF WEATHERING THAT WOULD BE REQUIRED TO ACCOMPLISH THIS.

ON THE BASIS OF WHAT WE HAVE NOW, IT IS VERY DOUBTFUL THAT A MORE EXTENSIVE SOIL-SAMPLE SURVEY WOULD PRODUCE RESULTS THAT WOULD WARRANT THE EXTRA EXPENDITURES. HENCE, THE NEXT MOVE MIGHT INVOLVE A JUMP TO THE DRILLING STAGE -- ON RATHER SHARV, GEOCHEMICALLY-INDICATED TARGET AREAS, WITH OR WITHOUT SOME PRELIMINARY I.P. WORK. THIS COULD BE A REAL GAMBLE, AND A COSTLY ONE -- WHICH A 'MAJOR' WOULD BE BEST EQUIPPED TO CARRY OUT.

ALSO ENCLOSED ARE THE ASSAY REPORT ON THE A-C-5 SAMPLE AND AN EXTRA SET OF CU, MO ANALYSES WHICH MIGHT BE OF USE ON YOUR UP-COMING ATTEMPTS TO GET A 'MAJOR' INTERESTED.

W.M. Sharp.