

42A12SE0427 63.2643 GODFREY

LTD.

1705 VICTORY BUILDING

MINES

80 RICHMOND ST. WEST

REPORT FOR MESPI MINES LTD. COVERING AN ELECTROMAGNETIC SURVEY OVER THEIR GODFREY TOWNSHIP CLAIM GROUP, PORCUPINE MINING DIVISION, ONTARIO.

is the Mine of To-morrow

LOCATION & ACCESS:

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The claim group consists of 12 contiguous claims No. P-101113 to P-101116 and P-101154 to P-101161, inclusive, located between lots 10 and 12, Concession 4 and 5, Godfrey Township. Access is via the paved road to the Kamiskotia Mine then westerly by bush road to the claim group.

PREVIOUS WORK:

The claim group occurs in an area that has been thoroughly prospected over a number of years. It occurs between the Canadian Jamieson Mine to the north and the Genex copper showing to the south. Consolidated Brewis & White have drilled the two adjoining patented claims P-27830 and P-27829 and obtained wide intersections of low grade copper mineralization. Mespi Mines previously drilled claims immediately east of this claim group and intersected disseminated pyrite carrying no values. The rock types are predominantly acid and basic volcanics.

LINECUTTING:

A north-south grid with a 400' line interval was cut over the entire claim group under the supervision of A. Aubie, P.O. Box 807, Timmins, Ontario. A total of 13,2 miles of line were cut between October 6th and December 5th, 1969.

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INSTRUMENT USED AND OPERATOR:

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The RADEM-VLF-EM is manufactured by Grone Geophysics Ltd. of Mississauga, Ontario. The RADEM machine utilized the VLF communication broadcast stations in this case Cutler Maine (17.8 Hz). Both the dipangle of the resultant field (in degrees) and the Field Strength (as a % of normal field strength) are measured. The dip-angles are plotted in the form of profiles $(1^{\circ} = 40^{\circ})$ with the true crossovers indicating the conductor. The Field Strength maps out the conductive zones much as the magnetometer maps out the magnetic properties of the underlying rocks. The Field Strength readings can be contoured to outline the shape and extent of the conductor.

Instrument operator was Denis Laforest, P.O. Box 807, Timmins, Ontario, operating between October 17th and December 9th, 1969.

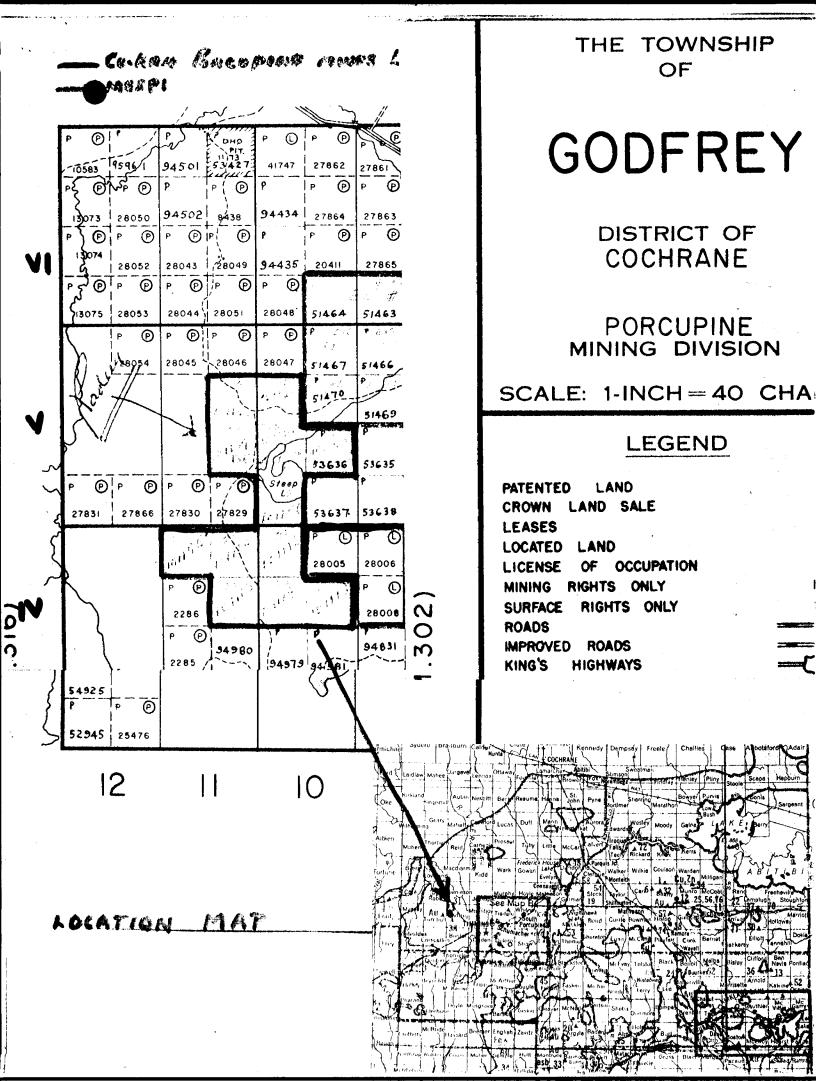
INTERPRETATION:

It is recommended that the conductors outlined should be geologically examined since considerable outcrop exists in the area. This should be followed up by drilling where warranted.

Respectfully submitted,

J. D. Crone, B.A., P.Eng. Geophysicist.

February 3, 1970.



Jamieson Twp. (M.288) Dapt of Matighal Defenge / Mingrand from Stahlug Sha.34(D) of Mining Art. File (\$908) مجهب بعديده فيحصم \$9233 100960 10096 17442 41747 27863 99229 9922 8 99217 99226 992 70 2044 27868 |27900 7664 236009 236010 HO 199265 99266 51464 51463 51 462 96/84 96/86 199267 99268 199269 217548 217549 70.0 72 99262 217550 80128 20044 20047 51467 51466 \$ 51465 ar 107 106.00 992 En 199259 5469 -FIAGE 96/06 96/03 9600 96005 425 96102 14003 99257 199-56 99225 9922 96001 \$6006 96001 01159 99220 99221 99222 99223 96104 9611 9611 236013 236014 100435 100434 100433 96057 96113 96112 06000 1 96000 99219 199218 99217 199216 196115 91323 4. 2.000 94-825 100431 \ 100432 18000 96444 96443 91320 96142 94212 99213 99214 X 14 3 96445 91321 915 28 91324 99211 99273 99274 948.2 6 94827 ¥ 94828 94.631 98300 98301 99277 199276 813/2G 94-19 96145 94813 94829 94032 196448 96447 15496 1.20 42 95497 46138 196137 199278 992 Jarus 85499 35499 236598 11139 94730 96/48 98304 99281 98303 96151 6/79 83 653 1 955 00 96140 96141 78487 198485 24874 236494 246988 96847 96854 H 1964-86 84370 1 22780 236499 236495 245989 96848 96853 96855 96 00201 SC201 60 97099 20407 55021 22326 95555 95557 96493 196453 216435 . 215778 18987 245990 28852 84883 37448 35564 95553 95556 99185 99194 00790-10078 2**36**48**6** 100845 96849 96852 96856 96859 **.** 97512 100279 100846 46850 166851 96857 96858 96175 1217756 99248 199247 ****** 236487 236488 236489 00793 100792 00647

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Bristol Twp. (M.264)

