

63.2861

Report for MESPI MINES LIMITED covering an ELECTROMAGNETIC
SURVEY on their ADAMS TOWNSHIP claim group, Porcupine Mining
Division, Ontario.



42A06SE0162 63.2861 ADAMS

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LOCATION AND ACCESS

This report covers a survey on a contiguous group of 11 claims numbered P216648 to P216658, located in the northeast corner of Adams township, Timmins area, Ontario. Access is via bush road from the Ankerite mine workings south of Timmins.

PREVIOUS WORK AND REPORTS

The area is covered by Ontario Department of Mines preliminary map #751 and Volume XLVII, Part IV, 1938 - Geology of the Keefer-Eldorado Area. These reports indicate that the area is overburden covered in the eastern half of the claim group. An outcrop of peridotite occurs adjacent to the western boundary of claim P216654 with showings of pyritic iron formation south of the same claim. Two old trenches in quartz veins within andesitic rocks occur west of claim P216653.

EQUIPMENT USED

A Crone Geophysics RADEM-VLF-EM unit was used for the survey measuring both dip angle of the resultant field in degrees and

the horizontal component of the field strength as a percentage of normal field strength. The station Cutler Maine was used with an operating frequency of 17.8 K Hz. Instrument brochure attached.

SURVEY OPERATORS AND LINECUTTING

A 400' line interval grid was cut with north-south lines. Total miles of line were 14.63, cut by W. Wilson of 143 Cedar Street, North, Timmins, Ontario during the period March 17 to April 2, 1970. RADEM instrument operator was Eugene Eno, Box 807, Timmins, Ontario, with the survey being carried out during the period April 8 to 18, 1970. In all 550 stations were read.

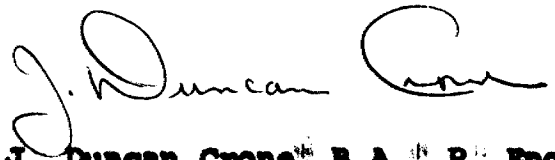
INTERPRETATION

Two weak conductors, striking east-west were detected on claims P216648 and P216658, both conductors appear as weak anomalies probably due to the presence of heavy overburden.

Two conductors were detected towards the western portion of the claim group. These were followed out on the open ground to the west of the staked area. The most interesting anomaly has an east-west strike on claim P216653 then swings to a north-south strike at the boundary of P216654 and lease 28505. This anomaly is strongest on line 20W, 3 + 50 north.

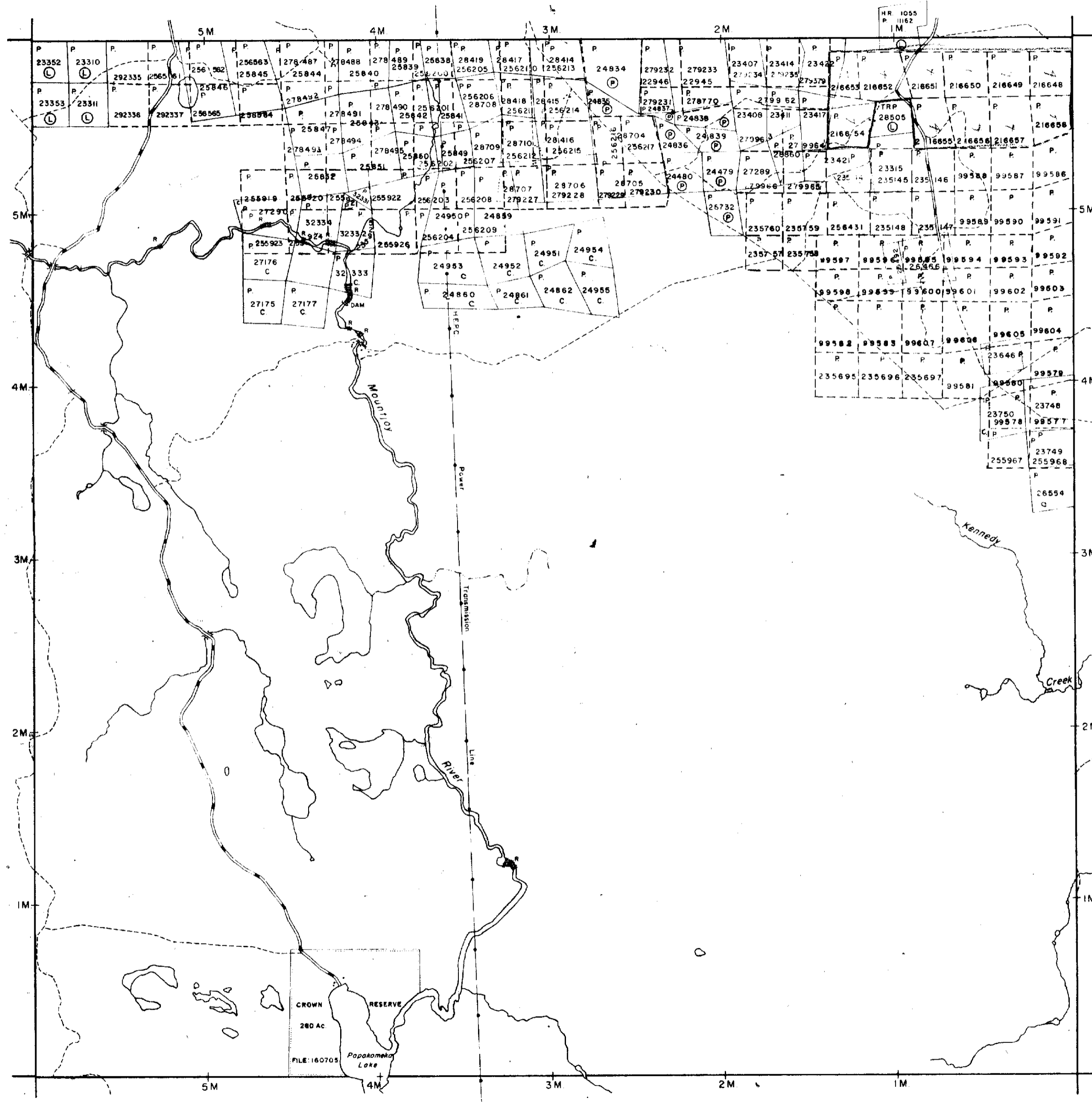
It is recommended that the ground west of the claim group be staked and a limited amount of detailed I. P. and soil sampling be conducted over the two western anomalies.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "J. Duncan Crone".

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

Deloro Twp - M.272



Price Twp - M.307

Eldorado Twp - M.276

McArthur Twp - M.298

THE TOWNSHIP OF

ADAMS

DISTRICT OF TIMISKAMING

PORCUPINE MINING DIVISION

SCALE: 1-INCH 40 CHAINS

LEGEND

- PATENTED LAND (P)
- CROWN LAND SALE (C.S.)
- LEASES (L)
- LOCATED LAND (Loc.)
- LICENSE OF OCCUPATION (L.O.)
- MINING RIGHTS ONLY (M.R.O.)
- SURFACE RIGHTS ONLY (S.R.O.)
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED

NOTES

400' Surface Rights Reservation around all lakes and rivers.

DATE OF ISSUE

DEC 14 1970

ONT. DEPT. OF MINES AND NORTHERN AFFAIRS

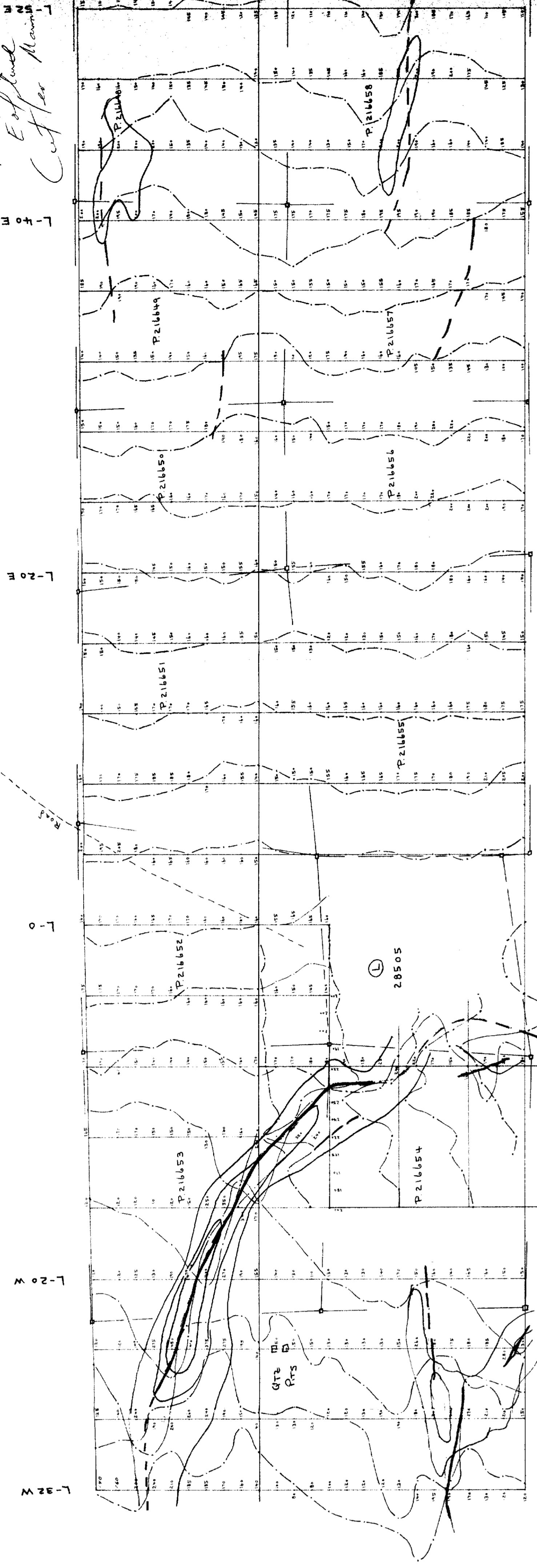
PLAN NO. M.261

ONTARIO DEPARTMENT OF MINES AND NORTHERN AFFAIRS

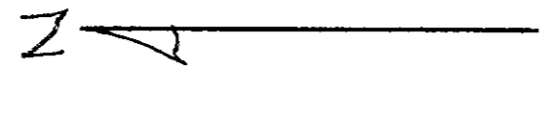


Salars, Top
Adams Top

*N dip's better
to provide
cut for Adams*



Elizaveta Top



Missipi Mines Ltd.
 Ream V.L.F. Survey
 Adams Top
 Map Scale 1:25000
 Profile scale 1:1000
 Field strength plotted
 conductor axis

STRAIN 5
 --- WFA N



J.D. Crone

