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IRONCO MINING AND SMELTING LIMITED

REPORT ON GEOPHYSICAL SURVEY

OF

McGRINDLE LAKE CLAIM GROUP

BOTHA TOWNSHIP, DISTRICT OF SUDBURY, ONTARIO

BY

A. T. GRIFFIS, P. ENG.

FORM NO. L6-811 P REPORT PAPER GRAND & TOY LIMITED

Toronto, Ontario
September 20, 1962

PURPOSE

The purpose of this survey was to investigate the extent of iron formation in outcrop on Claim 115121, using elementary geophysical methods.

WORK DONE

Dates of Work

Work was carried out between April 10th and 17th, 1962 inclusive, by a party of four men. The outcrop and the survey were examined by A. T. Griffis on May 17th. This report and the office work involved with it were carried out on September 17th-19th inclusive.

PERSONNEL

Wayne Pelette, Borlamaque, Quebec, operator and chief of party. Assistants Harold Barry, Frank Turcotte, and Jerry Labine, all of Sudbury, Ontario.

INSTRUMENT

The instrument used was a Watts' type dip needle, a British make not marked.

LINE CUTTING AND STATIONS

A total of 5 miles of line was cut and chained, and a total of 725 stations were read. Instrument operator Wayne Pelette, consultant A. T. Griffis. Office work and drafting was done by Wayne Pelette and A. T. Griffis.

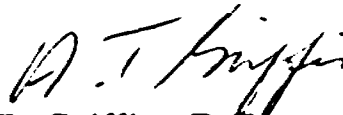
RESULTS OF THE SURVEY

An irregular band of iron formation was traced across five claims. A second irregular band of iron formation south of the first apparently shows a synclinal fold structure. This second band may be overlain by lower grade quartzite material, but due to lack of outcrop this could not be confirmed.

A follow-up program on this property would involve trenching, or bull-doze trenching, and/or diamond drilling to determine the extent and the grade of the iron formation.

Outcrops and rock trenching in the only outcrop area covered by the survey indicate iron formation of potential interest.

Respectfully submitted,



A. T. Griffis, P. Eng.

ATG/dl

Toronto, Ontario
September 20, 1962.

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS

BOTHA - 0011-A1 #1

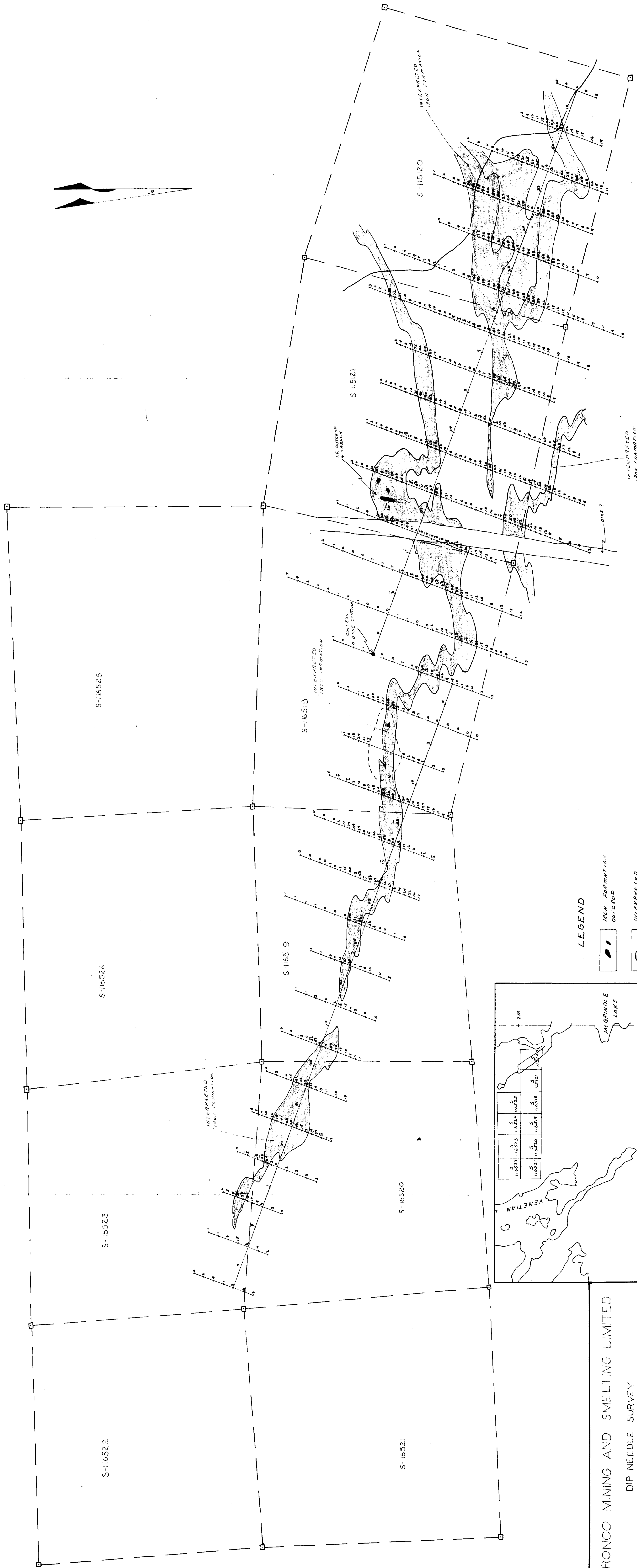
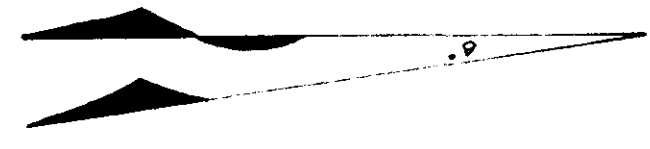


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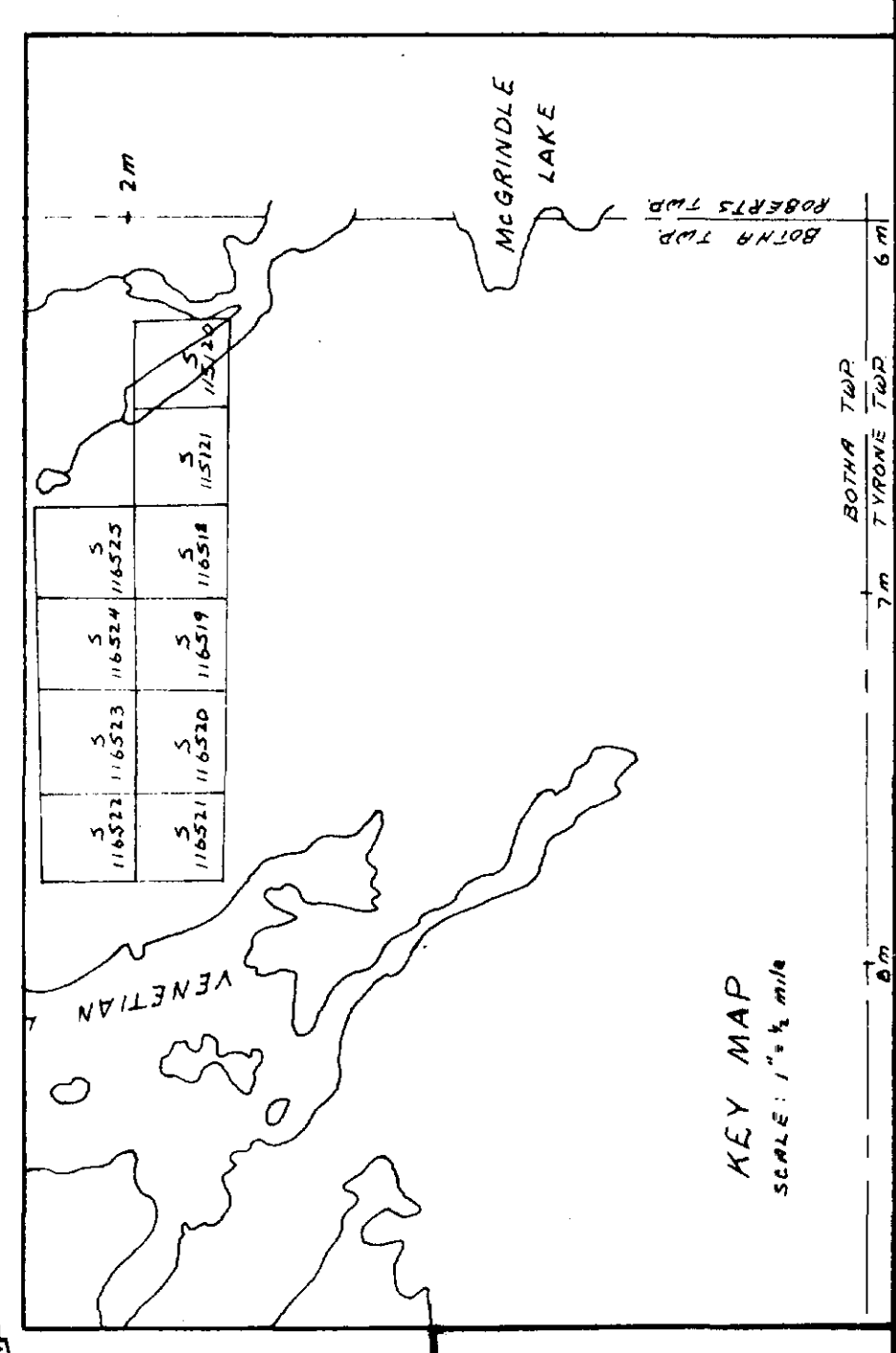
LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)

X		
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LEGEND

- IRON FORMATION
OUTCROP
- INTERPRETED
IRON FORMATION
- DIP NEEDLE READINGS
(POSITIVE & NEGATIVE)



IRONCO MINING AND SMELTING LIMITED
 DIP NEEDLE SURVEY
 BOTHIA TOWNSHIP - SUDBURY DISTRICT - ONTARIO
 DATE: NOV 1962
 (REVISED)



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