



41114SE0017 0018B1 HUTTON

010

REPORT COVERING THE DIP NEEDLE
SURVEY OF THE L. LESLIE
CLAIMS No. S53813 & S-53814
HUTTON TWP.

OCT. 28, 1953

Summary

The dip needle survey recently completed on the L.Leslie claims in Hutton Township outlined a magnetic area approximately 750 feet long by 300 feet wide.

High magnetic readings were found within this general outline.

The writer believes that further investigation will probably disclose a magnetic orebody.

Introduction

The claims covered by the survey were visited by the writer in September, 1953. At that time it was agreed that a dip needle survey should be made to determine if possible whether a sulphide ore outcrop on the west side of Roberts River, which was striking in a northeastern direction, could be picked up on the east side of the river where the ground was covered with drift material.

The field work was done on September 13 and 14. Lines were cut at 200 foot intervals along a base line and readings were taken at 50 foot intervals along these lines.

The necessary plotting and mapping were completed in Sudbury Ontario following the field work.

3.

Property

The property covered by the survey was comprised of 2 unpatented mining claims: No. S-53813 and No. S-53814.

Location

The claims are situated in Lots 6 and 7 and Concessions 2 and 3 in Hutton Township in the Sudbury Mining Division of the Province of Ontario.

Accessibility

The property is reached by road on the old right-of-way between Milnet and Sellwood, which crosses the claims.

General Geology

The area is underlain by rocks of Precambrian age consisting mostly of greenstones and sedimentary schists.

Topography

The map area is generally high ground with series of low rolling hills.

Structural Geology

The ground is generally covered with a heavy overburden. Rock outcrops of granites and greenstones are apparent.

Economic Geology

An outcrop of sulphide ores has been uncovered on the west side of Roberts River striking in a generally northeastern direction. The dip needle work done on these claims, which are on the east side of the river, along the general strike of the sulphide showings, has outlined a probable ore anomaly about 750 feet long and 300 feet wide.

Magnetic Survey

A W. & L. E. Gurley dip needle was used throughout the survey.

A northeast base line was cut starting on the west side of the river and northwest-southeast parallel lines were cut at 200 foot intervals along the base line. Readings were taken at 50 foot intervals along these lines. Additional readings were taken where deemed necessary.

Four thousand feet of line were cut and chained and 71 stations were read and plotted on the accompanying map.

The starting point of the base line is 80 feet south of No. 4 Post on claim No. S-53813.

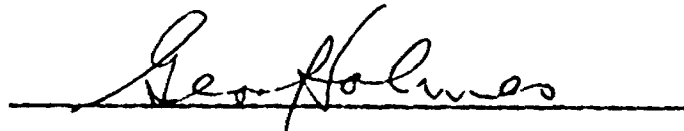
Conclusions and Recommendations

The survey outlined a highly magnetic area about 750 feet long and 300 feet wide. It may be assumed that a magnetic orebody underlies this area.

The diamond drill work done on the property showed the overburden to extend below a depth of 40 feet. The heavy concentration of boulders at this depth would indicate that the ledge would probably be reached in another 20 feet.

The writer believes that this area warrants further investigation to determine its real nature and the extent of its economic importance. This investigation should proceed in the following manner:

1. Sinking of test pits in bottom of trenches where overburden conditions permit
2. Exploration by diamond drill. The position and angle of the bore holes to be determined by correlating the data obtained in the test pitting with the information obtained from the dip needle survey.



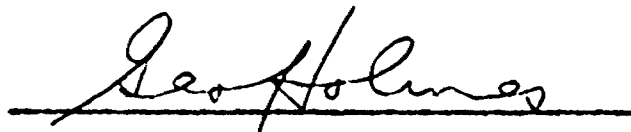
Geo. Holmes, E.M., B.Sc.,
Mining Engineer

Information to Accompany Report and Map of Dip Needle Survey on
L.Leslie Claims in Hutton Township.

Field Work Dates Sept 13 and 14, 1953
Type of Instrument W. & L.E. Gurley Dip Needle
No. of Stations 71
Feet of line cut 4000

Breakdown of Man-Days

	Actual Man-Days	Assessment Factor	Assessment Credit in Man Days
Line Cutter L.Leslie	2	4	8
Instrument Operator G.Holmes	2	4	8
Interpretation of Data G.Holmes	1	4	8
TOTAL	5	4	20



Geo. Holmes, B.M., B.Sc.

Mining Engineer.

October 31, 1953.

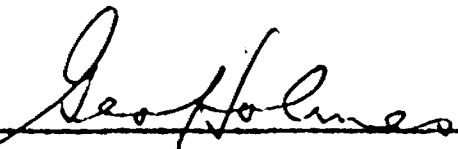
I, George Holmes, residing at Froid Mine, Ontario, do swear the following:

That I have personally visited the claims covered by the survey during the month of September, 1953.

That I have graduated from the Michigan College of Mines in Houghton, Michigan, U.S.A. in 1918 as a Mining Engineer and Bachelor of Science.

That I have been employed in my profession in the Sudbury District for the past twenty-five years.

That this report contains only facts and data known by myself to be accurate.



George Holmes, E.M., B.Sc.

Mining Engineer

Box 303, Sudbury, Ont.,

Oct. 31, 1953.

Mr. I. Leslie,
Anstice, Ontario.



41114SE0017 0018B1 HUTTON

900

Dear Sir:-

The dip needle survey on your claims numbered S-53813 and S-53814 located in Hutton Township has been completed.

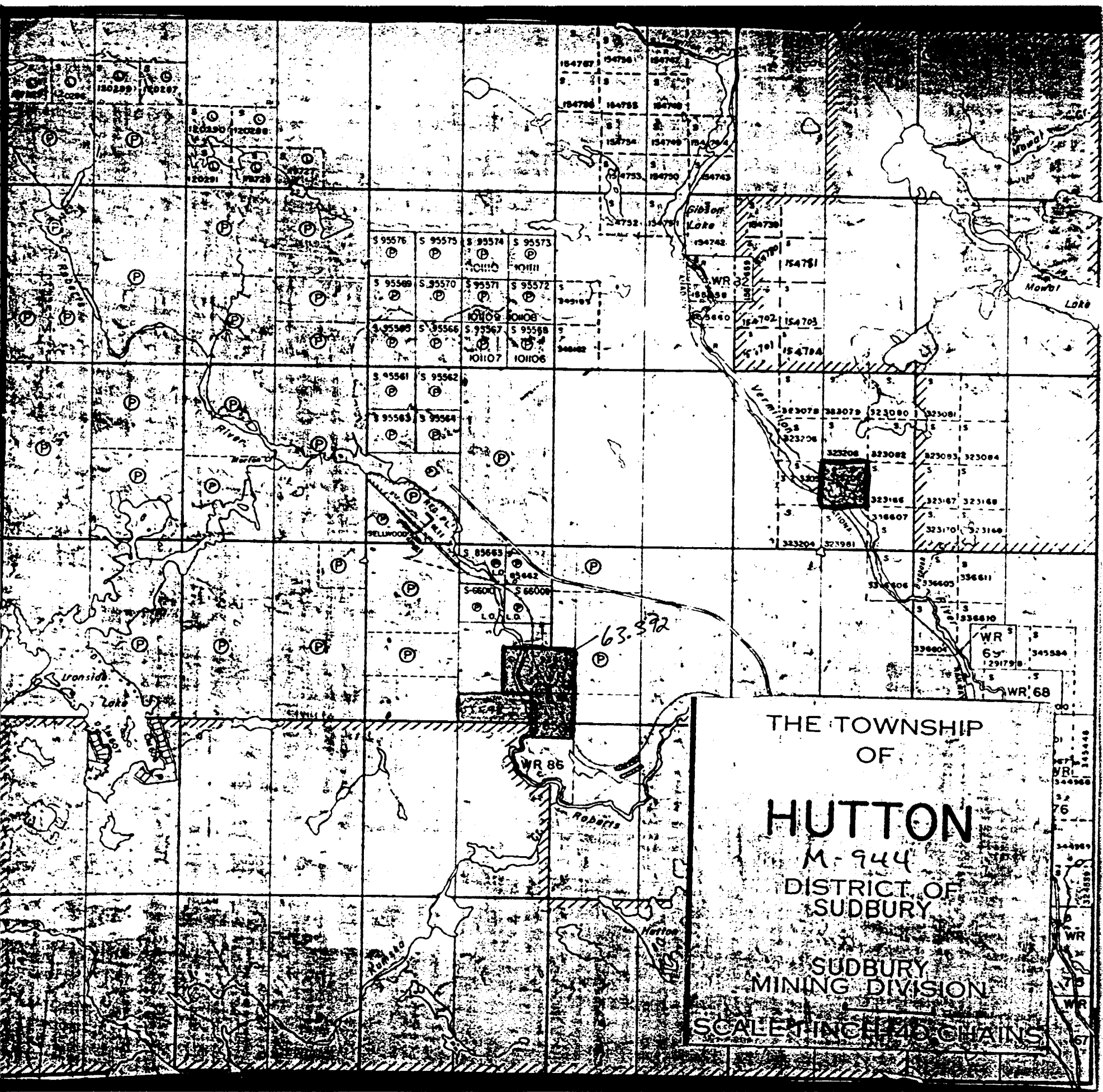
The results of the survey are encouraging. These results, together with mineralized outcrops in that area, lead me to believe that further investigation should outline a large ore-body on these claims.

Yours very truly,

A handwritten signature in cursive script that reads "Geo. Holmes". The signature is written in dark ink and is positioned above a horizontal line.

Geo. Holmes, E.M., B.Sc.

Mining Engineer

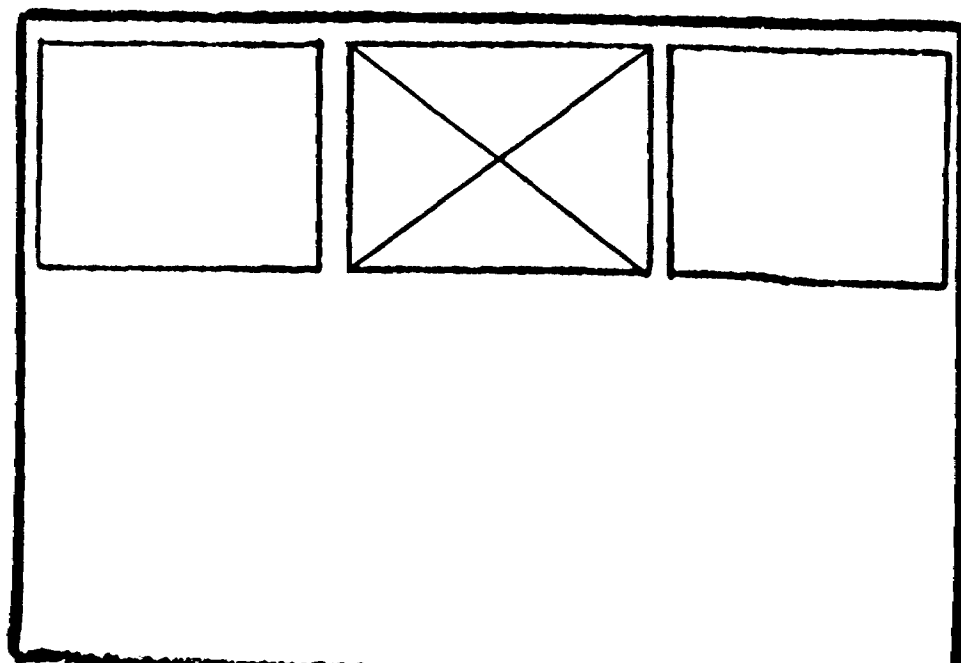


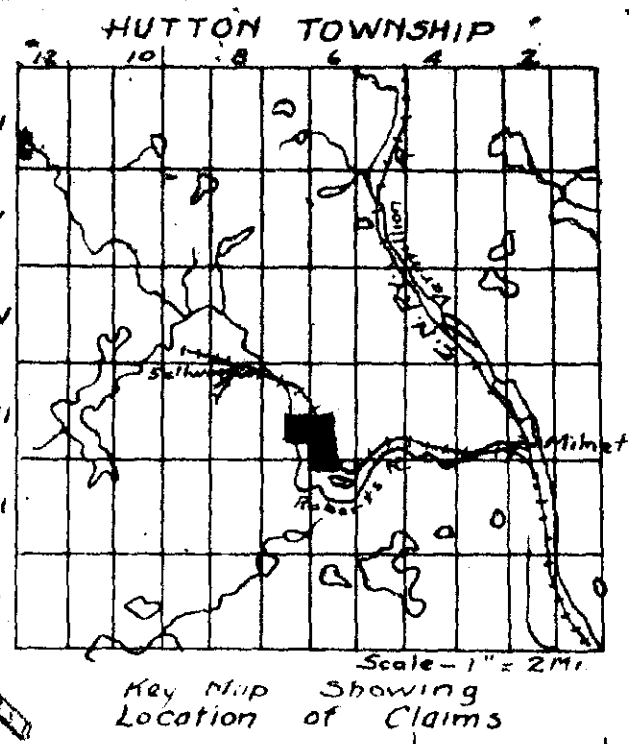
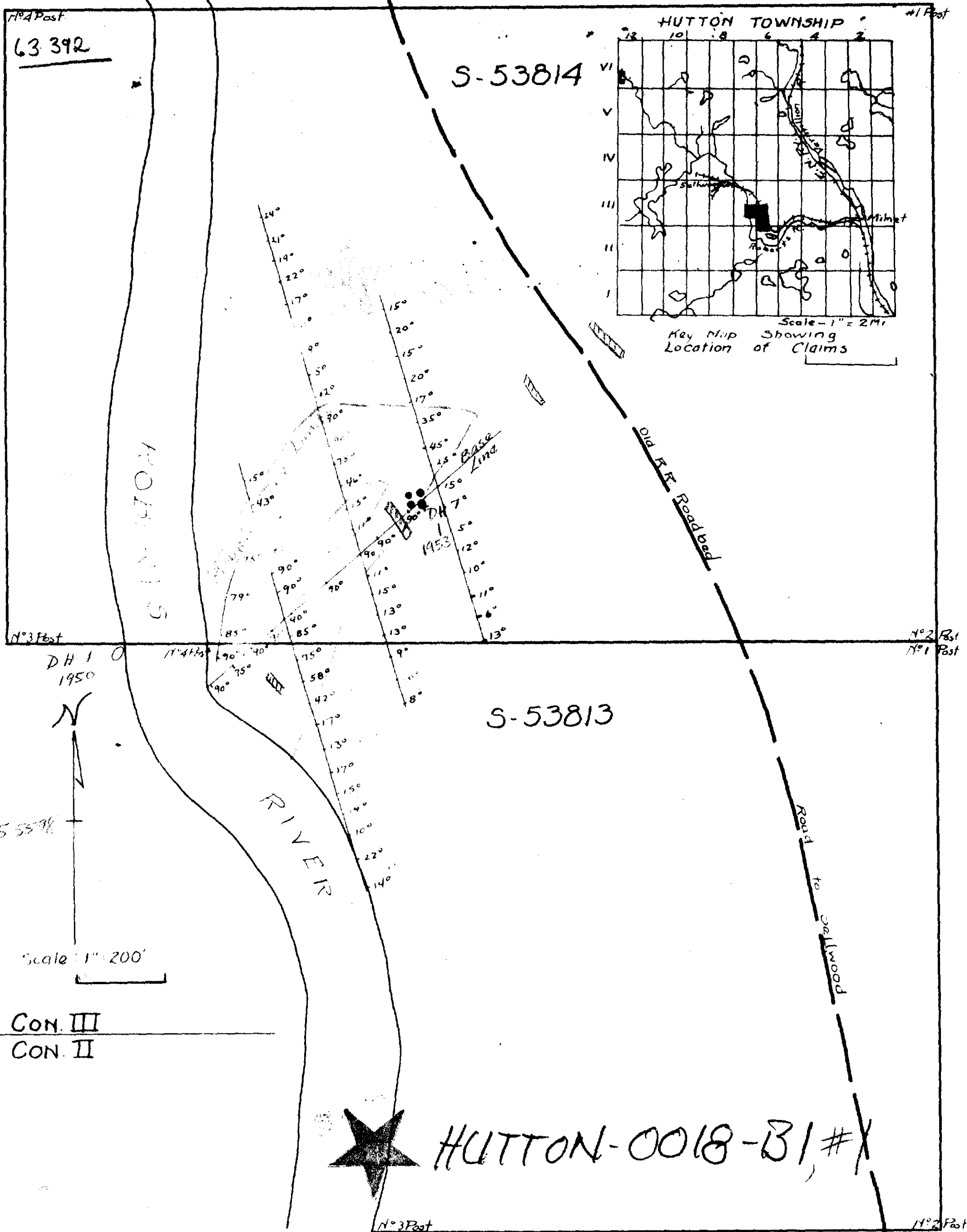
THE TOWNSHIP
OF
HUTTON
M-944
DISTRICT OF
SUDBURY
SUDBURY
MINING DIVISION
SCALE INCH TO 40 CHAINS

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS

HUTTON - 0018-B1 #1

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





CON. III
CON. II

HUTTON-0018-B1, #1



KEY

- Diamond Drill Holes
- $\frac{N}{S}$ Dip Needle Readings
- Trenches

Dip Needle Readings taken by
Geo. Holmes, EM., B.Sc., Sudbury, Ont.

LOT 7

LOT 6

Map Showing

Assessment Work done on
Mining Claims S-53813 & S-53814
HUTTON TOWNSHIP - SUDBURY DIST.
Oct. 31, 1953

Certified Correct
Geo. Holmes
Mining Engineer.

L. LESLIE,
ANSTICE, ONT.