52F08NW0039 63.290 KAWASHEGAMUK LAKE

GEOPHYSICAL Report

CLAIM NOS. K.15452.53.56.57.58.61.62.63 and K.15829.30.31.34.35. K.15836.38.39.40 - KAWASHAGAMUK LAKE

1. International Nickel Company of Canada, Limited.

2. Field work done during February-March, 1952.

3. Instruments used: Magnetic survey - Sharpe magnetometer, sensitivity 30 gammas per scale division.

4. Man days -

	Men	Man Days
(A) Cutting and chaining	6	131
(B) Instrument man (Diebel)	1	7
(C) Magnetometer operator (MacLeod, LaForge)	2	28
(D) Drafting	1	4
(E) Supervision	1	4
Total		174 man days 696 assessment days

40 f
17 | 696
68 f
16

131 174

5. Base line cutting 5,600 ft.
Cross line cutting 81,200 ft.

Total cutting 86,800 ft.

Base line chained 8,200 ft.
Cross line chained 120,000 ft.

Total chainage 128,200 ft.

6. Total no. of magnetometer stations - 1,264.

7. Report

Purpose - The geophysical survey was carried out on the claims to determine if any magnetic anomalies were present, which might be caused by magnetic sulphides.

Geology - Area of survey is underlain almost entirely by a gabbroic plug with greenstone and granite gneiss appearing along the outer edges of the survey.

Location of Base Control Point - The base control point for the magnetic survey is located at the station marked 0+00 on the base line. An arbitrary value of 1060 gammas was chosen for this station with all other stations being relative to it.

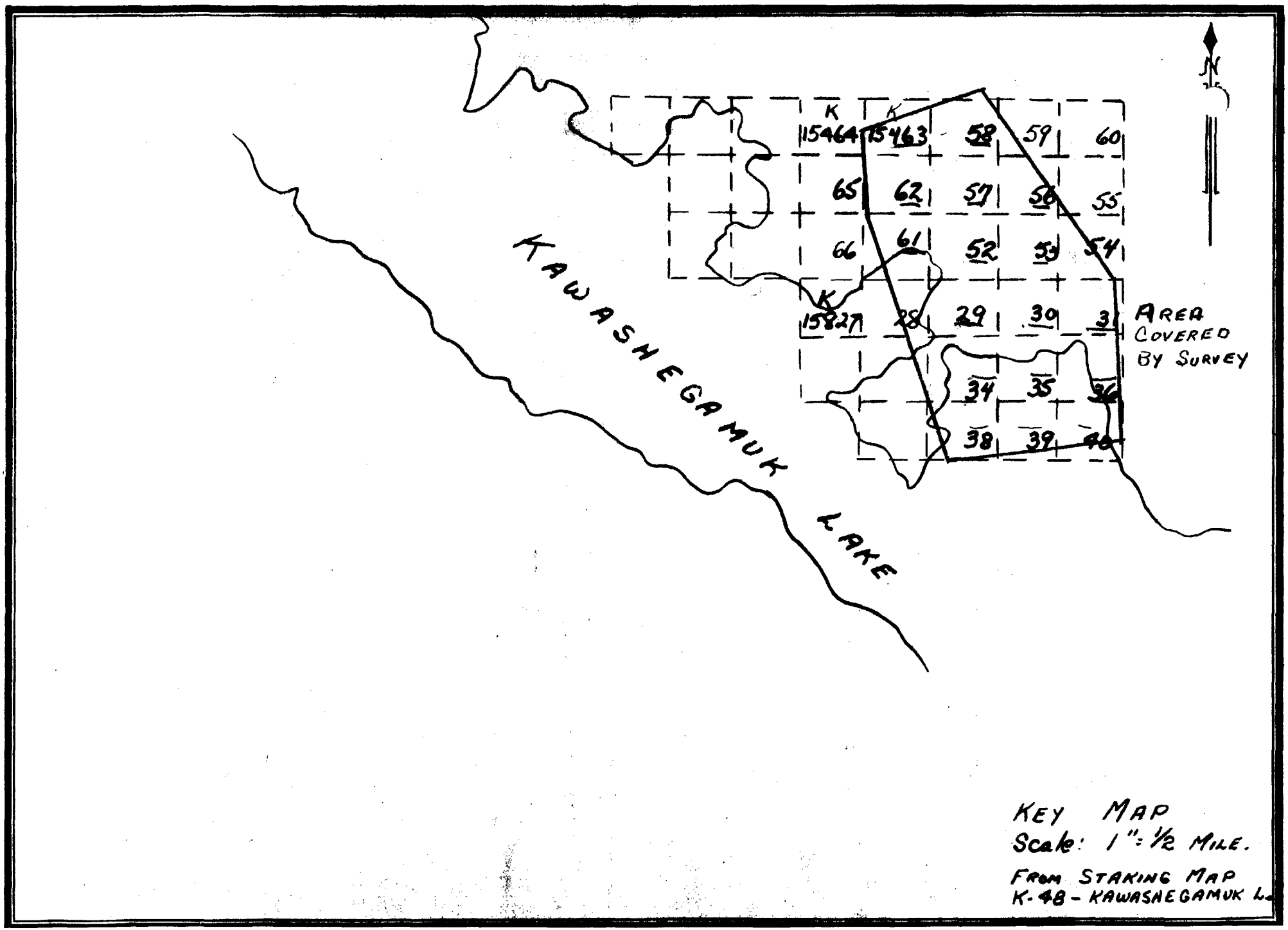
Magnetic Results - The magnetic survey disclosed no anomalous areas of any consequence. The isolated highs occurring on claims K.15458, K.15430 and K.15453 were either on, or close to, outcrop and were found to be caused by magnetite.

Conclusions - On the basis of the geophysical survey it is concluded that there are no appreciable magnetic sulphide deposits on the claims within the limits of the survey. Further investigation of the claims is not warranted from the magnetic results.

J.K. Diebel/M
April 16, 1952.

J.K. Diebel

.75
174 | 131.00
1218
920
870



KEY MAP
Scale: 1" = ½ MILE.

FROM STAKING MAP
K-48 - KAWASHEGAMUK L.

5000 E
5000 N
4000 N
3000 N
2000 N
1000E
1000 W
K 15456
K 15453
K 15458
K 15457
K 15463
K 15462
K 15452
K 15429
K 15461
Steep Cliff
Steep Cliff
Steep Cliff
56N BASE LINE 1E
50N
40N
30N
20N
BASE LINE 0E
KAWASHEGAMUK L.

MAGNETIC SURVEY
ALCOCK OPTION
KENORA MINING DIVISION

CONTOUR INTERVAL 100 GAMMAS

SCALE 1" = 200'

#2 SHARPE MAR. 14, 1962

1 2

200

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K 15431

K 15430

K 15436

K 15440

KAWASHEGAMUK LAKE

K 15435

K 15429

K 15439

K 15434

K 15438

1000 S

2000 S

3000 S

1000 E

1000 W

BASE LINE 10 N

0 0

20 S

26 S BASE LINE

MAGNETIC SURVEY
ALCOCK OPTION

KENORA MINING DIVISION

CONTOUR INTERVAL 100 GAMMAS

SCALE 1" = 200'

#2 SHARPE MAR 14, 1952

63.290

52F08NW0038 63 200 KAWASHEGAMUK LAKE