HESS - 0012

Load: 10 mm

DD-12

Diamond Drilling

Township of Hess **Report Nº:** 12

Work performed by: International Nickel Co. of Can. Ltd.

Claim Nº	Hole Nº	Footage	Date	Note
S 133442	24485	359'	Jan/67	
	24486	153'	Jan/67	
	24487	254'	Jan/67	
	24488	155'	Jan/67	
	31895	365.5'	Nov/66	
	33302	193'	Feb/67	
	33303	207'	Feb/67	
	33304	202'	Feb/67	
	33306	350'	Feb/67	
	33308	151'	Feb/67	
	33309	613'	Mar/67	
	33311	394'	Mar/67	
S 133441	24489	167'	Jan/67	
	24490	350'	Feb/67	
	31889	123'	Oct/66	
	31891	129'	Oct/66	
	31894	201'	Oct/66	
	31896	277.5'	Nov/66	
	31897	268'	Dec/66	
	31898	260'	Dec/66	
	31899	179'	Dec/66	
	31900	410'	Dec/66	
	33301	559'	Feb/67	
	33305	550'	Feb/67	
	33307	741'	Feb/67	
	33310	552'	Mar/67	
	31890	129'	Oct/66	
	Total: 27 DH	8292'		

Notes:

THE INTERNATIONAL NICKEL CO. OF CANADA LIMITED

SAMPLING RECORD

PROPERTY [illegible] SHEET NO. 3

CO-ORDINATES

HOLE NO. [illegible] DEPTH 359.0 ANGLE [illegible] STRIKE [illegible] ELEVATION 2995.15 N 2132.75 E 5382.79

DEPTH	FORMATION	SAMPLE No.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU & NI %	PROGRESSIVE TOTALS LENGTH FEET	FEET % PER CENT COPPER	FEET % PER CENT NICKEL	FEET % PER CENT CU & NI
	Summary									
	[illegible]									
	[illegible] odd [illegible]									
	[illegible]									
	[illegible] tests 36' [illegible]°00'									
	[illegible] [illegible]°30'									
	200' [illegible]°30'									
	300' [illegible]°30'									
	[illegible] Heath and Sherwood [illegible]									
	[illegible] sampled checked and written by [illegible]									
	[illegible] started [illegible]									
	[illegible] finished [illegible]									

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

SAMPLING RECORD

PROPERTY

SHEET NO

HOLE NO

DEPT.

ANALYSIS

COLLARS

TOTALS

THE [illegible] CO. OF CANADA LIMITED

DRILLING RECORD

PROPERTY

HOLE NO.

SHEET NO.

COORDINATES

DEPTH FEET

THE INTERNATIONAL NICKEL CO. OF CANADA LIMITED

DRILLING RECORD

PROPERTY

SHEET NO

COORDINATES

HOLE NO

DEPTH

DIP

FORM 1004

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

SAMPLING RECORD

PROPERTY Hess Twp.

SHEET NO.

HOLE NO. 244-0 DEPTH 1[illegible]7 ANGLE [illegible] STRIKE [illegible] ELEVATION [illegible] CO-ORDINATES [illegible] 1.25N

DEPTH FEET	FORMATION	SAMPLE NO.	DEPTH	UPPER	LOWER	CU & NI	LENGTH FEET	PROGRESSIVE TOTALS FEET	PER CENT UPPER	NICKEL	CU & NI
	Summary										
0.0	[illegible]										
10.0	[illegible]										
[illegible]	[illegible]										
[illegible]	[illegible]										
[illegible]	[illegible]										
[illegible]	[illegible]										
[illegible]	[illegible]										
[illegible]	[illegible]										
[illegible]	[illegible]										
[illegible]	[illegible]										
[illegible]	[illegible]										
107.0	[illegible]										
107.0	[illegible]										

FORM [illegible]

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

SAMPLING RECORD

PROPERTY Hess Twp.

SHEET NO. _____

HOLE NO [illegible] DEPTH [illegible] ANGLE [illegible] STRIKE [illegible] ELEVATION [illegible] CO-ORDINATES [illegible] N [illegible]00.84E

DEPTH FEET	FORMATION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	LENGTH FEET	PROGRESSIVE TOTALS FEET & PER CENT COPPER	NICKEL	CU & NI
0.0	[illegible]									
1.0	[illegible]									
[illegible]	[illegible]									
15.8	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
17.2	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									
[illegible]	[illegible]									

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

SAMPLING RECORD

PROPERTY [illegible]

SHEET NO. _____

CO-ORDINATES

HOLE NO. DEPTH ANGLE STRIKE ELEVATION

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU & NI %	LENGTH FEET	PROGRESSIVE TOTALS FEET & PER CENT COPPER	PROGRESSIVE TOTALS FEET & PER CENT NICKEL	PROGRESSIVE TOTALS FEET & PER CENT CU & NI
	SUMMARY									

FORM 790-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

SAMPLING RECORD

PROPERTY [illegible]

SHEET NO.

CO-ORDINATES

HOLE NO. [illegible] DEPTH [illegible] ANGLE [illegible] STRIKE [illegible] ELEVATION

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	NICKEL %	CU & NI %	PROGRESSIVE TOTALS LENGTH FEET	FEET X PER CENT COPPER	NICKEL	CU & NI
	SUMMARY									
[illegible]	[illegible]									
	[illegible]									
	[illegible] (signature)									

FORM 2004-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

SAMPLING RECORD

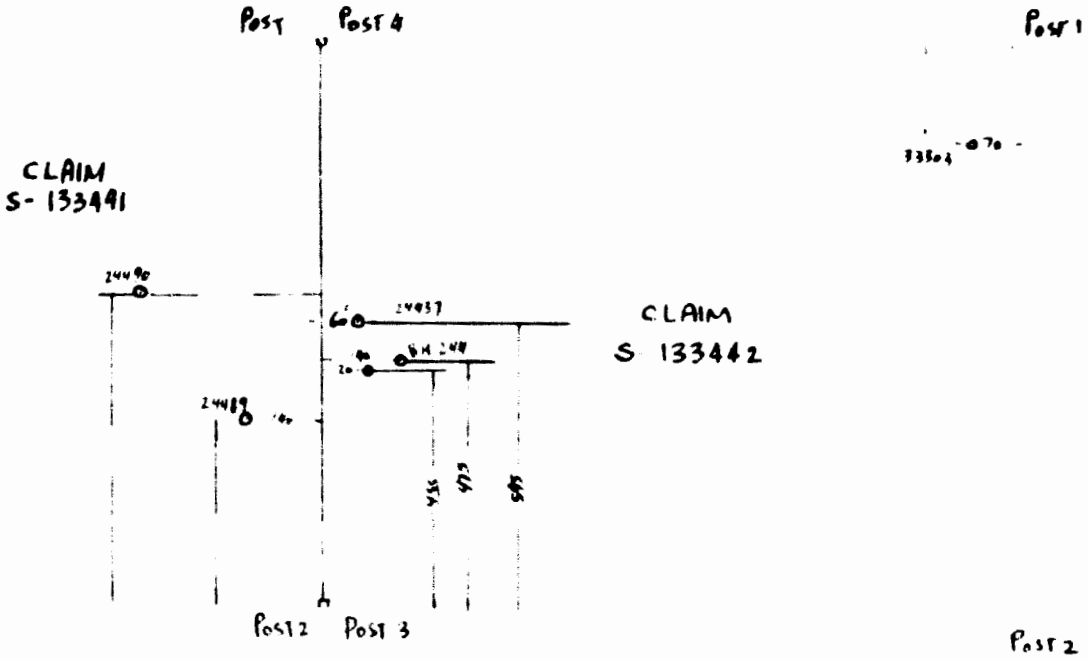
PROPERTY [illegible]

SHEET NO. [illegible]

CO-ORDINATES

HOLE NO. [illegible] DEPTH [illegible] ANGLE [illegible] STRIKE. ELEVATION

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	NICKEL %	CU & NI %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU & NI
	SUMMARY									
	[illegible]									



Location Sketch
of Bore Holes 24486 24487 24488
24489 24490 33303
Located on CL S 133441 and S 133442
Hess Township

FORM 255A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option - Hess T p.

SAMPLING RECORD

SHEET NO. 1

HOLE NO 31894 DEPTH 201.0 ANGLE -45° STRIKE 160° ELEVATION - CO-ORDINATES - -

DEPTH FEET	FORMATION	SAMPLE NO	LENGTH FT	ANALYSIS COPPER %	NICKEL %	CU & NI %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU & NI
0.0	Collar									
5.0	Casing									
58.4	Granite-med. gr. to c.gr. grey to pink, scattered joints									
72.1	Maficqtz. bx., f.g., dark matrix, angular quartz incls.									
72.5	Basic dyke, f.gr.									
141.5	Granite-med. gr. to c.gr., grey to pink									
143.2	Mylonite? f. gr. green cherty									
158.4	Granite, med. gr. to c. gr., grey									
166.7	Q.D.? f. gr., grey									
201.0	Granite, med. gr., grey scattered qtz. strs.									
201.0	Foot of hole									

Date Started: Oct. 31/66
Date Completed: Nov. 9/66

Tests: None
Drilled: EXT by Canico Winkie Drill

Logged by:

THE INTERNATIONAL NICKEL CO OF CANADA, LIMITED

SAMPLING RECORD

PROPERTY Rivers Option, Hess Twp. 5100E/2160N

SHEET NO 1

CO-ORDINATES

HOLE NO 31B95 DEPTH 365.5' ANGLE -45° STRIKE ELEVATION

DEPTH FEET	FORMATION	SAMPLE	LENGTH	ANALYSIS NICKEL		PROGRESSIVE TOTALS FEET x PER CENT	
	SUMMARY						
0.0	Collar						
6.0	Casing						
34.0	Grey gr. silf'd, highly epidotized						
74.6	Breccia						
110.0	Pink gr. silf'd, highly epidotized						
130.5	Qtz. chlorite						
131.0	Breccia						
132.2	Pink gr.						
134.5	Breccia						
136.0	Qtz. str.						
193.0	Pink gr. sil. epidotized						
193.8	Breccia						
202.0	Brecciated pk. gr.						
210.0	Pink gr.						
212.0	Gs. f. gr.						
231.5	Pink gr.						
290.0	Gs. f. g. occ. speck po, cp						
301.2	Grey porph. gr.						
307.5	Gs. f. gr.						
365.2	Grey gr.						
365.5	FOOT OF HOLE						

Date started: Nov. 21, 1966
Date completed: Nov. 26, 1966
Drilled by Heath & Sherwood - ART
Logged, sampled and written by: D. F. Mahaffy

Acid Tests: 100' - 48°00'
200' - 46°00'
300' - 42°30'
300' - 43°30'

FORM 295-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option, Hess Twp.

SAMPLING RECORD

SHEET NO. 1

HOLE NO. 31896 DEPTH 277.5' ANGLE -45° STRIKE S ELEVATION - CO-ORDINATES E 4900 N 2160

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	NICKEL %	CU & NI %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU & NI
	SUMMARY									
0.0	Collar									
4.0	Casing									
22.6	Grey gr.									
26.5	Breccia									
68.0	Pink gr.									
90.0	Grey gr.									
143.0	Quartz diorite, occ. spe-									
	ck po, cp									
144.5	MVW finely diss., blebs									
	and patches cp									
145.0	MVW pink gr. finely diss.									
	cp.									
146.5	MW pink gr. diss., bands									
	cp, po									
151.5	MVVW pink gr. diss. cp,									
	po									
196.8	Grey gr.									
199.0	Quartz diorite?, f. gr.									
258.3	Pink gr.									
277.5	Grey gr.									

Acid Tests: 10' - 44°30'
100' - 45°00'
200' - 43°30'

Drilled by: Heath & Sherwood - AXT
Logged, written, sampled and checked by D.F. Mahaffy

Date started: Nov. 27, 1966
Date Completed: Nov. 30, 1966.

FORM 255A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

SAMPLING RECORD

PROPERTY Pierre Ogden Hess Twp

SHEET NO. _____

HOLE NO. 3/897 DEPTH 2680 ANGLE -45° STRIKE S ELEVATION 3999.56

CO-ORDINATES
4949.42 E 2157.36 N

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	NICKEL %	CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU & NI
	[illegible]									
60	[illegible]									
[illegible]	[illegible]									
932	[illegible]									
[illegible]	[illegible] speckled and [illegible]									
2036	[illegible] 923 1940									
	stopping [illegible]									
2040	[illegible]									
2050	Grey qz									
2680	Pink qz									
2680	200' of hole									

Acid tests 60' - 42°30'
100' - 43°30'
200' - 44°30

Drilled by Heath and Sherwood Ltd

Logged sampled written and checked by D. Nakoff

Date started Dec 2 1966
Date finished Dec 4 1966

FORM 295A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp

SAMPLING RECORD

SHEET NO. 3

HOLE NO. 31898 DEPTH 2600 ANGLE -25° STRIKE S ELEVATION 2998.11

CO-ORDINATES
~~5050~~ 5050.33 E ~~2161~~ 2161.93 N

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT	ANALYSIS COPPER %	NICKEL %	CU & NI %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU & NI
	Summary									
0.0	Collar									
12.0	Casing									
12.0	Boulders									
94.0	Grey gr									
116.6	OD									
140.0	Grey gr									
154.0	Pink gr									
157.1	Breccia									
163.2	Pink gr									
187.3	Grey gr									
191.0	Mylonite Fault?									
194.7	Trap									
210.0	Pink gr									
222.5	Grey gr									
244.0	Pink gr									
247.0	LC									
249.0	Grey gr									
252.0	LC									
260.0	Grey gr									
260.0	Foot of hole									
	Acid tests 18' - 42° 30'									
	100' - 40° 30'									
	200' - 40° 30'									
	Drilled by Heath and Sherwood Ltd									
	Logged sampled written and checked by D.J. Mohally									
	Date started: Dec 6 1966									
	Date finished: Dec 10 1966									

FORM 252 A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp

SAMPLING RECORD

SHEET NO. 4

HOLE NO. 31399 DEPTH 179.0 ANGLE -40° STRIKE 5 ELEVATION

CO-ORDINATES ~~Easting~~ ~~Northing~~

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	NICKEL %	CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU. & NI
	Summary									
0.0	Collar									
7.0	Casing									
16.4	Epid - blds brecciated rk									
19.0	LC									
21.1	Breccia									
23.0	Grey gr									
25.0	LC									
26.6	Grey gr									
28.0	LC									
29.0	Grey gr badly brkn									
30.0	LC									
32.0	Grey gr " "									
34.3	LC									
38.0	Grey gr num fract @30°									
41.0	LC									
45.0	Grey gr " " "									
47.0	LC									
50.0	Mylonite banded fault zone									
81.2	Grey gr									
87.2	Qtz band									
95.4	Grey gr									
100.7	Pink gr									
119.7	MVV OD occ speck sulp									
123.9	M OD 2.0% po ——— blebs									
	bands & diss sulp 121.6									
	122.0									
149.6	MVV OD MVV occ speck and									
	blep sulp									
149.4	Pink gr									
179.0	Grey gr									
179.0	Foot of Hole									

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp

SAMPLING RECORD

SHEET NO. 5

HOLE NO. 31899 DEPTH 1790 ANGLE -40° STRIKE 5 ELEVATION 2997.32

CO-ORDINATES
5045.45 E 2102.45 N

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU. & NI.
	Summary cont'd									
	Acid tests - 17' 44°30'									
	100' 40°30'									
	Drilled by Heath and Sherwood Drl									
	Logged sampled written and checked by J.F. Mahaffy									
	Date started Dec 12 1966									
	Date finished Dec 15 1966									
	Cemented at 140' - 510' 2 bags cement									

FORM 255-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

SAMPLING RECORD

PROPERTY Rivers Option Hess Twp

SHEET NO. 3

HOLE NO. 31900 DEPTH 410.0 ANGLE -45° STRIKE 5 ELEVATION 3000.67

CO-ORDINATES Depart 5000.03E Departure 2296.64N

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	NICKEL %	CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU. & NI.
	Summary									
0.5	Collar									
22.0	Casing									
32.5	Pink gr									
70.0	Grey gr									
91.8	Epid qtz rock									
222.6	Grey gr									
251.3	Pink gr									
262.0	HW OD 0.1%									
267.7	HW OD 0.5%									
285.0	HW OD 0.2%									
285.8	HW OD 0.3%									
401.0	Pink gr									
408.0	Grey gr									
410.0	Pink gr									
410.0	Foot of Hole.									
	Hole tests 28' - 42°30'									
	100' - 43°30'									
	200' - 44°30'									
	300' - 42°30'									
	400' - 37°30'									
	Logged sampled written by D.J. Mahaffy									
	Drilled by Heath and Sherwood Ltd									
	Date started - Dec 18/1966									
	Date finished - Jan 10/1967									

FORM 155-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp

SAMPLING RECORD

SHEET NO. 5

HOLE NO. 33301 DEPTH 559.0 ANGLE - 50° STRIKE. S ELEVATION

CO-ORDINATES

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	NICKEL %	CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU. & NI.
	Summary									
00.0	Collar									
25.0	Casing O.B									
51.7	Epid pink gr									
80.2	Grey gr.									
86.9	Alt. bio trap									
97.4	Grey gr. Shrd 93.1-99.2									
102.5	Alt bio trap Shrd 101.5-102.4									
128.8	Grey gr									
129.7	Epid qtz bio breccia									
139.8	Grey gr.									
141.6	Breccia qtz bio epid									
150.8	Pink gr.									
153.9	Epid qtz felds zone									
210.7	Grey gr.									
212.9	Felds qtz epid zone									
280.9	Grey gr. 225.0-265.0 badly broken core									
	iron stain also qtz									
	carb struct zone?									
290.4	Epid grey gr									
295.4	Pink porph grey gr.									
328.0	Mafic blue qtz grey gr									
376.4	Grey gr									
404.1	Pink gr.									
464.6	OP									
527.0	Pink porph gr									
528.0	Mylonite breccia									
531.2	Highly alt pink gr zone									
532.0	Mylonite well banded									
559.0	Pink gr									
559.0	Foot of hole									

FORM 255 A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp SAMPLING RECORD SHEET NO. 6

HOLE NO. 33301 DEPTH 5590 ANGLE -50° STRIKE. ELEVATION 3002.75 CO-ORDINATES N 2450.30 E 4899.68

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT	ANALYSIS COPPER %	NICKEL %	CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU. & NI
	Acid Tests									
	28' - 49°30'									
	100' - 51°00'									
	200' - 46°00'									
	300' - 47°30'									
	400' - 46°30'									
	500' - 52°00'									
	Drilled by Heath and Sherwood Ltd.									
	Logged sampled written and checked by D.F. Makely.									
	Date started - Feb 6th 1967									
	Date finished - Feb 12th 1967									

FORM 259-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp

SAMPLING RECORD

SHEET NO. 3

HOLE NO. 33302 DEPTH 193.0 ANGLE -45° STRIKE S ELEVATION 3041.28 CO-ORDINATES N 2049.11 E 4249.61

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	NICKEL %	CU & NI %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU & NI
	Summary									
0.0	Collar									
8.0	OB casing									
40.8	Pink gr									
51.2	QD									
69.2	Pink gr									
75.0	QD									
76.9	HW 0.7% QD									
101.7	HW <0.1% QD									
107.7	HW 0.4% QD									
143.4	QD									
193.0	Pink gr									
193.0	Foot of hole									

Drilled by Heath and Sherwood Ltd

Acid tests 8'-44°30'
190'-45°00'

Logged sampled written and checked by D.F. McNally

Date started Feb 8th 1967
Date finished Feb 9th 1967

FORM 235-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY [illegible]

SAMPLING RECORD

SHEET NO. [illegible]

HOLE NO. [illegible] DEPTH [illegible] ANGLE [illegible] AZIMUTH [illegible] COORDINATES [illegible]

DEPTH FEET	FORMATION	[illegible]	[illegible]	[illegible]	[illegible]	LENGTH FEET	TOTALS COPPER	NICKEL	COBALT
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

FORM 89A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp SAMPLING RECORD

SHEET NO. 3

HOLE NO. 33304 DEPTH 202.0 ANGLE -45° STRIKE S ELEVATION 3040.55 CO-ORDINATES N 2045.71 E 6249.01

DEPTH FEET	FORMATION	SAMPLE NO	LENGTH FT	ANALYSIS COPPER %	NICKEL %	CU & NI %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU & NI
	Summary									
0.0	Collar									
10.0	Casing O.B.									
69.5	QD									
107.1	Pink gr									
128.9	Epid zone fg									
144.3	Pink gr									
148.0	Hematitic zone									
157.5	Pink gr									
158.3	Trap fg QD?									
159.0	Pink gr									
160.0	Trap fg QD?									
182.5	Pink gr.									
186.2	QD fg									
195.5	Pink gr.									
196.2	QD str fg 1" wide									
202.0	occ 1/16" blebs cp									
	Grey gr									
202.0	Foot of hole									
	Acid Tests 10'-43°30'									
	110'-43°30'									
	Drilled by Heath and Sherwood Art									
	Logged sampled written and checked by D.F. Blakeley									
	Date started - Feb 15 1967									
	Date finished - Feb 16 1967									

FORM 2254-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp SAMPLING RECORD

SHEET NO. 5

CO-ORDINATES

HOLE NO. 33305 DEPTH 550.0 ANGLE -50° STRIKE S ELEVATION

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	PROGRESSIVE TOTALS NICKEL	PROGRESSIVE TOTALS CU. & NI.
	Summary									
0.0	Collar									
15.0	Casing OB									
100.5	Grey gr									
106.9	Porph mafic grey gr. Strd blch									
107.6	Pink felds zone									
110.7	Grey gr									
125.0	Pink porph pink gr. Strd									
126.9	Highly strd Mylonitized pink porph grey gr core boldly blch struct zone									
157.7	Grey gr									
159.7	Epid band									
178.4	Grey gr									
163.4	Pink gr									
166.9	Grey gr									
221.2	Pink gr									
242.2	Grey gr									
242.6	Epid breccia									
253.0	Epid grey gr.									
306.6	Pink gr									
306.8	Mylonite									
369.4	Pink gr									
371.2	Pegmatite zone									
398.1	Pink gr									
411.0	Pink porph gr									
411.7	QP fg str.									
414.0	Pink porph grey gr									
479.2	QP									
522.7	Pink gr									
523.0	Pink gr. breccia									
550.0	Grey gr									
550.0	Foot of Hole									

FORM 3954A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp **SAMPLING RECORD** SHEET NO. 6

HOLE NO. 33305 DEPTH 550.0 ANGLE -50° STRIKE 5 ELEVATION 2995.41 CO-ORDINATES N 2449.53 E 5099.61

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	NICKEL %	CU. & NI %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU. & NI
	Acid tests 18' - 47°00'									
	100' - 47°00'									
	200' - 46°30'									
	300' - 44°30'									
	400' - 46°00'									
	500' - 45°00'									
	Drilled by Heath and Sherwood Ltd									
	Logged sampled written and checked by D.J. Mahaffy									
	Date started - Feb 15 1967									
	Date finished - Feb 21 1967									

FORM 255-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp **SAMPLING RECORD** SHEET NO. 4

CO-ORDINATES

HOLE NO. 33306 DEPTH 350.0 ANGLE -45° STRIKE S ELEVATION

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	NICKEL %	CU. & NI %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU. & NI
	Summary									
0.0	Collar									
6.0	OB Casing									
13.0	Casing									
30.6	Pink gr									
70.5	Grey gr									
99.0	Pink gr									
100.0	Trap fg or Sed									
107.0	Grey gr									
108.0	Broken pieces of core									
112.0	Pink gr									
113.7	Crush zone gtz feldsp									
117.0	Grey gr									
132.0	Pink gr									
164.1	QD									
178.2	HW 0.3% QD									
202.2	QD									
259.1	Porph pink gr									
263.8	Trap QD fg									
308.3	Pink gr									
313.6	Epid pink gr zone									
350.0	Pink gr									
350.0	Foot of hole									
	Acid tests 10' - 45°30'									
	110' - 45°00'									
	210' - 45°00'									
	310' - 45°30'									
	Drilled by Heath and Sherwood Ltd									
	Logged Sampled written and checked by W.F. McKelly									
	Date Started - Feb 21 1961									
	Date finished - Feb 23 1961									

FORM 257-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp

SAMPLING RECORD

SHEET NO. 5

CO-ORDINATES

HOLE NO. 33307 DEPTH 741.0 ANGLE -50° STRIKE 5 ELEVATION

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	PROGRESSIVE TOTALS FEET X PER CENT NICKEL	PROGRESSIVE TOTALS FEET X PER CENT CU. & NI.
	Summary									
0.0	Collar									
10.0	OB. casing									
12.0	Casing									
86.0	Epidotized grey gr									
100.0	Grey-pink gr									
167.6	Highly epidotized grey gr									
169.7	Qtz band									
200.9	Grey gr									
219.2	Porph pink gr									
225.5	Qtz felds zone									
228.0	Porph pink gr									
230.6	Qtz felds zone									
266.1	Porph pink gr									
267.0	Porph pink gr V. str ongly ptd									
275.2	Qtz felds zone V strongly ptd (Fault zone.)									
337.0	Porph pink gr									
374.0	Felsic pink gr									
381.0	Very qtz rich pink gr									
392.7	Grey gr breccia									
402.9	Alt porph pink gr.									
508.7	Alt grey gr									
523.9	Porph pink gr									
558.8	OD									
5[illegible]3	OD Alt									
59[illegible].8	OD highly shrd									
63[illegible].3	Porph pink gr									
13[illegible].6	Hylonite									
141.0	Porph pink gr Alt									
741.0	Foot of Hole									

FORM 255-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp **SAMPLING RECORD** SHEET NO. 6

CO-ORDINATES

HOLE NO. 33307 DEPTH 741.0 ANGLE -50° STRIKE 5 ELEVATION

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU. & NI.
	Summary Contd									
	Acid tests 14' - 48° 00'									
	100' - 48° 00'									
	200' - 47° 00'									
	300' - 45° 00'									
	400' - 45° 30'									
	500' - 44° 00'									
	600' - 43° 00'									
	Drilled by Heath and Sherwood Axt									
	Logged Sampled written and checked by D J Mahaffy									
	Date Started Feb 26 1967									
	Date finished March 6th 1967									

FORM 151-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp SAMPLING RECORD

SHEET NO. 2

CO-ORDINATES

HOLE NO. 33308 DEPTH 1510 ANGLE -40° STRIKE S ELEVATION

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	PROGRESSIVE TOTALS FEET X PER CENT NICKEL	PROGRESSIVE TOTALS FEET X PER CENT CU. & NI.
	Summary									
0.0	Collar									
32.0	OB Casing									
39.0	Casing badly broken									
	Core very qtz rich									
	grey qt (qtzite?)									
46.3	Grey qt very qtz									
	rich (qtzite?)									
49.6	Qtz band									
55.0	Very qtz rich grey									
	qt (qtzite?)									
151.0	Gp. rich qtzite									
151.0	Foot of hole									
	Acid tests 39' 40°00'									
	139' 44°30'									
	Drilled by Heath and Sherwood Ltd									
	Logged sampled written and checked by DJ Blakelly									
	Date started - Feb 26 1967									
	Date finished - Feb 27 1967									

FORM 253-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivets Option Hess Twp **SAMPLING RECORD** SHEET NO. 4

CO-ORDINATES

HOLE NO. 33309 DEPTH 613.0 ANGLE -50° STRIKE 5 ELEVATION

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	PROGRESSIVE TOTALS FEET X PER CENT NICKEL	PROGRESSIVE TOTALS FEET X PER CENT CU. & NI.
	Summary									
0.0	Collar									
19.0	OB casing									
21.8	Grey gr									
24.1	Epid zone									
63.1	Grey gr									
70.0	Pink felsic gr									
81.1	Porph grey gr									
105.3	Pink gr									
121.7	Porph pink gr									
124.4	Pink gr									
140.2	Grey gr									
153.8	Epid grey gr									
200.1	Pink gr									
225.0	Grey gr									
277.0	Pink gr									
286.0	Grey gr									
31[illegible]	Pink gr									
3[illegible].6	Pink gr Mafic									
347.2	Brnd pink felds qtz zone									
364.4	Qtz felds zone									
37[illegible]	Epid pink gr									
460.0	Pink gr									
473.0	Porph pink gr									
498.3	OB									
504.0	MW Sil. OB									
538.4	OB									
539.1	Porph pink gr incl									
547.7	OB epid rich									
575.5	Qtz band									
2[illegible].4	OB									
590.4	Epid qtz band									
613.0	Porph pink gr									
613.0	Foot of hole									

FORM 235-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp

SAMPLING RECORD

SHEET NO. 5

HOLE NO. 33309 DEPTH 613.0 ANGLE -50° STRIKE S ELEVATION

CO-ORDINATES

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	PROGRESSIVE TOTALS NICKEL	PROGRESSIVE TOTALS CU. & NI.
	Summary Con'td									
	Field tests - 19' - 46°00'									
	100' - 47°00'									
	200' - 47°00'									
	300' - 45°30'									
	400' - 46°00'									
	500' - 45°00'									
	600' - 45°30'									
	Drilled by Heath and Sherwood Ltd									
	Logged sampled written and checked by D. J. McNally.									
	Date started - March 3 1967									
	Date finished - March 10 1967									

FORM 255 A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp

SAMPLING RECORD

SHEET NO. 4

CO-ORDINATES

HOLE NO. 33310 DEPTH 552.0 ANGLE -50° STRIKE S ELEVATION

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	NICKEL	CU. & NI.
	Summary									
0.0	Collar									
9.0	Casing									
113.0	Grey gr									
	108-113.0 brecc-									
	iated epid grey gr									
115.0	Felds epid zone 51									
	brecciated									
148.4	Grey gr highly alt									
151.6	Epid felds zone									
169.1	Epid grey gr									
171.9	Epid felds zone									
235.4	Grey gr highly alt									
238.3	Grey gr blo rich highly									
	alt									
300.4	Grey gr highly alt									
305.8	Pink gr									
307.6	Epid gr felds zone									
315.9	Epid grey gr									
319.2	Epid felds zone									
324.4	Grey gr									
330.0	Epid felds zone									
370.5	Grey gr									
427.4	Alt									
460.0	Porph pink gr									
463.4	Mafic grey gr									
492.0	Porph pink gr									
498.4	Pegmatite									
552.0	Pink gr mafic and									
	porph									
552.0	Foot of hole									

FORM 285-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp

SAMPLING RECORD

SHEET NO. 5

CO-ORDINATES

HOLE NO. 33310 DEPTH 552.0 ANGLE -50° STRIKE S ELEVATION

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	PROGRESSIVE TOTALS NICKEL	PROGRESSIVE TOTALS CU. & NI.
	Summary cont'd									
	Acid tests									
	10' - 49°30'									
	100' - 49°00'									
	200' - 50°00'									
	300' - 49°30'									
	400' - 48°30'									
	500' - 48°00'									
	Drilled by Heath and Sherwood Axt									
	Logged sampled written and checked by D. J. Mahaffy									
	Date started - March 9th 1967									
	Date finished - March 13th 1967									

FORM 255-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp **SAMPLING RECORD** SHEET NO. 4

HOLE NO. 33311 DEPTH 394.0 ANGLE -45° STRIKE S ELEVATION CO-ORDINATES

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	PROGRESSIVE TOTALS NICKEL	PROGRESSIVE TOTALS CU. & NI.
	Summary									
0.0	Collar									
19.7	OB & Casing									
23.6	Casing									
62.8	Lava gr									
167.4	Lapilli pink gr									
177.4	Lapilli green gr									
180.8	Lapilli pink gr									
229.0	Lapilli green gr									
200.0	Lapilli silt green gr									
203.8	Lapilli green and pink									
	green gr									
243.0	Lapilli pink gr									
247.0	Lapilli pink gr									
262.0	Lapilli pink gr									
370.0	gr									
344.1	Lapilli pink gr									
385.1	Lava gr									
387.0	Lapilli pink felds zone									
391.0	Lava felsic gr									
394.0	Foot of hole									
	Acid tests 19' - 45° 30'									
	119' 43° 30'									
	219' 44° 30'									
	319' 43° 30'									
	Drilled by Heath and Sherwood Ltd									
	Logged sampled written and checked by D. J. Kirkby									
	Date started - March 10 1967.									
	Date finished - March 13 1967									

FORM 255-A

THE INTERNATIONAL NICKEL CO. OF CANADA, LIMITED

PROPERTY Rivers Option Hess Twp

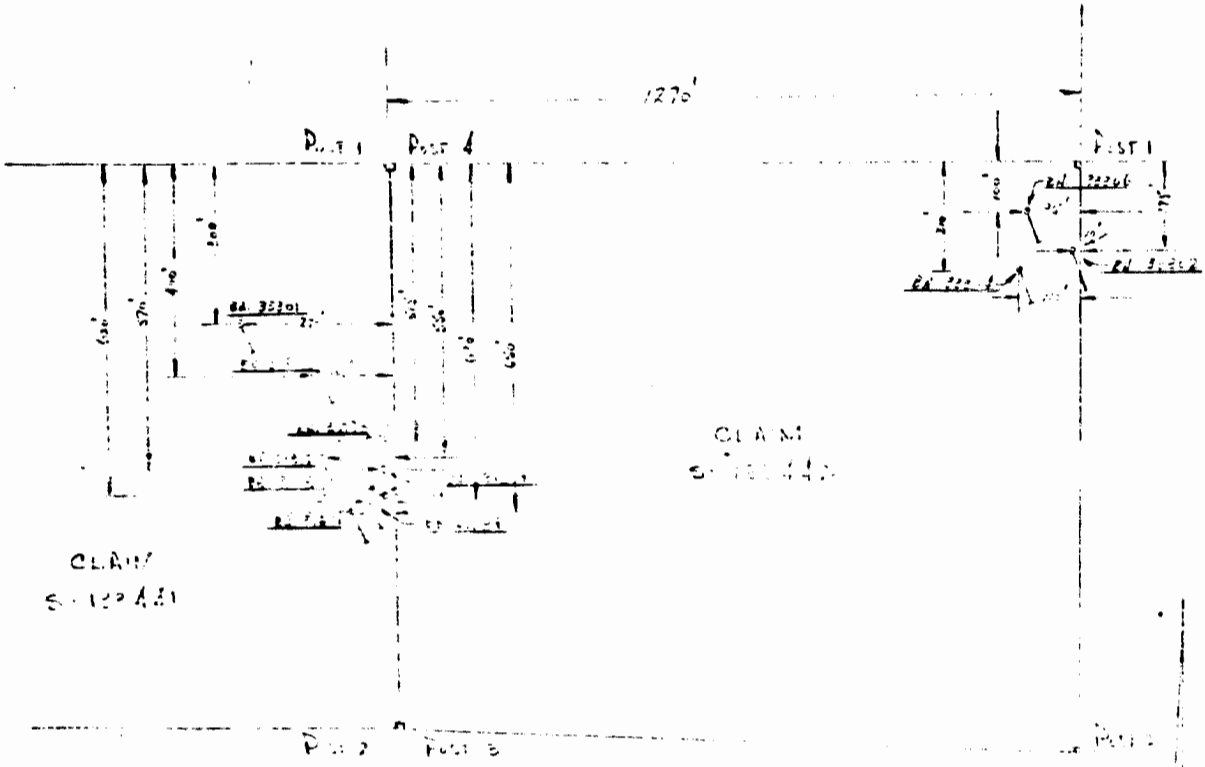
SAMPLING RECORD

SHEET NO. 5

HOLE NO. 33310 DEPTH 552.0 ANGLE -50° STRIKE S ELEVATION

CO-ORDINATES

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH FT.	ANALYSIS COPPER %	ANALYSIS NICKEL %	ANALYSIS CU. & NI. %	LENGTH FEET	PROGRESSIVE TOTALS FEET X PER CENT COPPER	PROGRESSIVE TOTALS NICKEL	PROGRESSIVE TOTALS CU. & NI.
	Summary cont'd									
	Acid tests									
	10' - 49°30'									
	100' - 49°00'									
	200' - 50°00'									
	300' - 49°30'									
	400' - 48°30'									
	500' - 48°00'									
	Drilled by Heath and Sherwood Hxt									
	Logged sampled written and checked by D.F. McCarthy									
	Date started - March 9th 1967									
	Date finished - March 13th 1967									



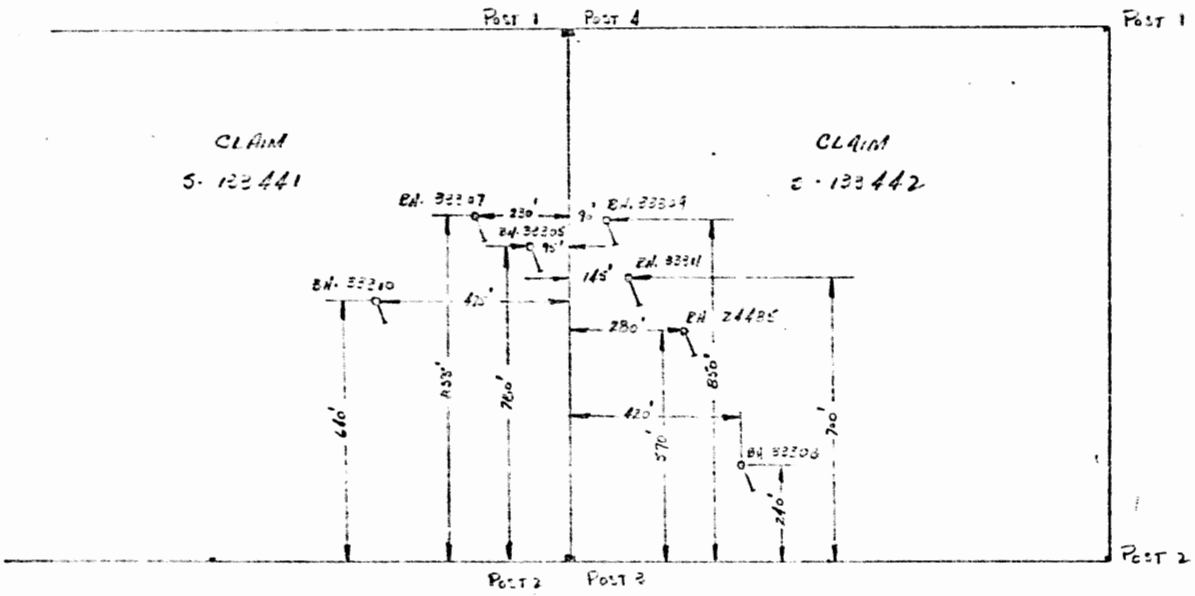
LOCATION SKETCH

of Bar Hess:

Location on c/s. S-[illegible] and S-[illegible]

Hess Tag

Scale: Inch = 300 ft.



LOCATION SKETCH

of BORE HOLES: 24485, 33205, 33207, 33208

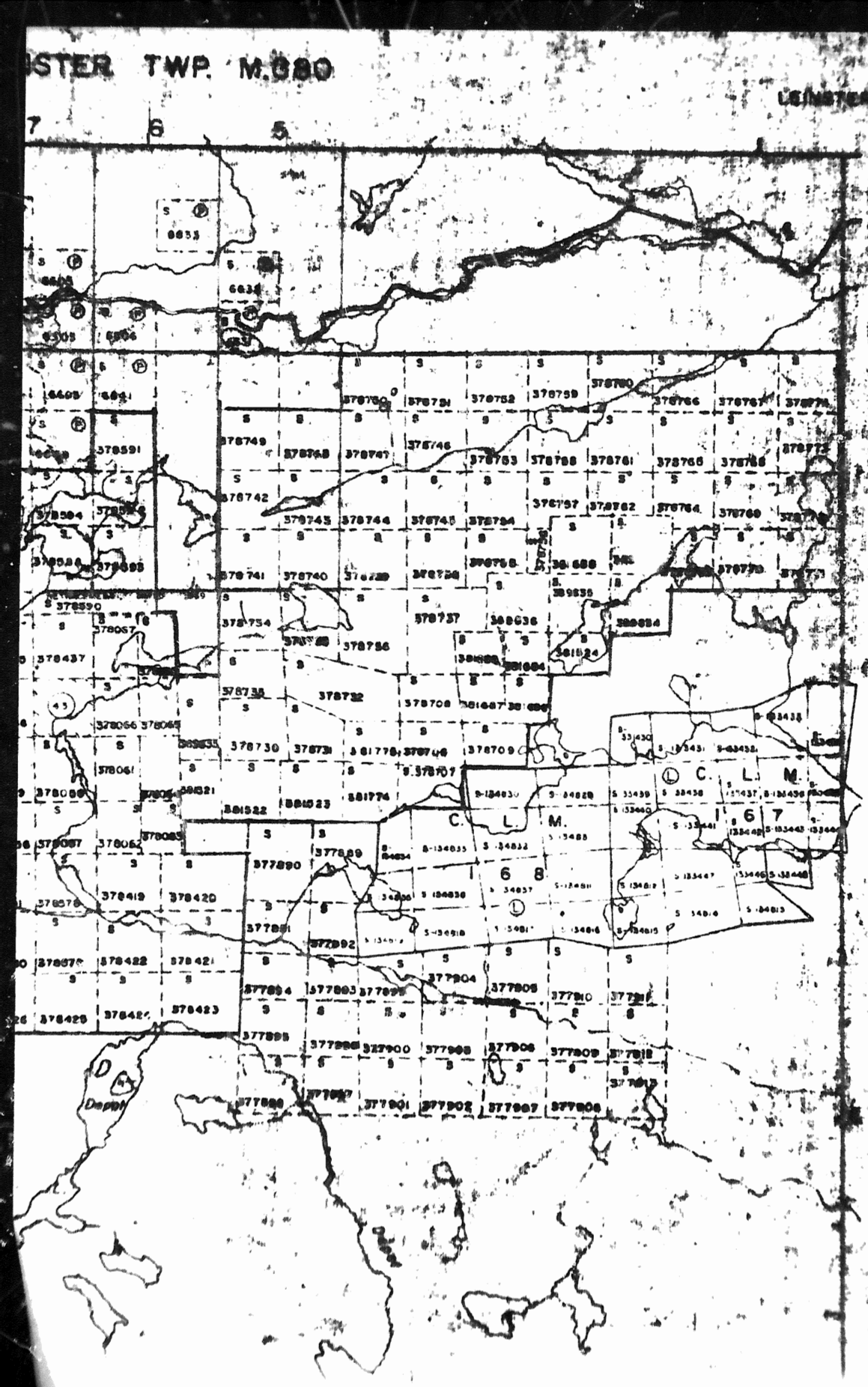
33209, 33210, 33211

LOCATED ON CLS. S-132441 AND S-132442

HESS TWP.

SUDBURY MINING DIVISION

SCALE: 1 INCH = 400 ft.


STER TWP. M.920
LEINSTER TWP. M.920
HARTY TWP. M.920
7
6
5
C. L. M.
I 6 7
I 6 8
Depot