

52L07NE0025 18 REX LAKE

010

Diamond Drilling

Area of REX LAKE

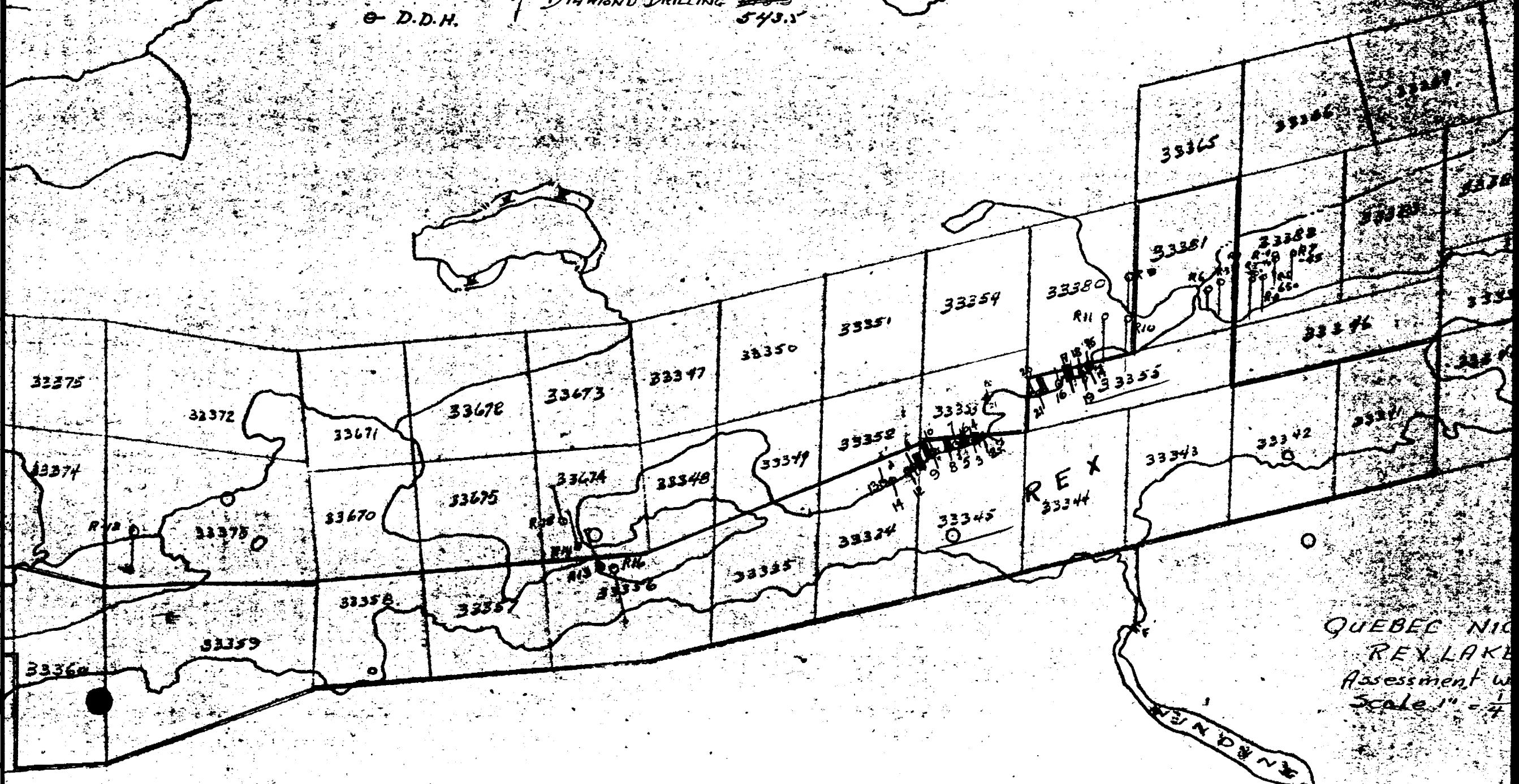
Report NO 18

Work performed by: Quebec Nickel Corporation Limited

Claim NO	Hole NO	Footage	Date	Note
KRL 33345	3	45.0'	Aug/55	
	7	60.0'	Aug/55	
	10	53.0'	Aug/55	
	11	57.0'	Aug/55	
	13	60.0'	Aug/55	
	14	55.0'	Aug/55	
	KRL 33355	15	45.0'	Aug/55
16		36.5'	Sept/55	
17		45.0'	Sept/55	
18		28.0'	Sept/55	
20		32.5'	Sept/55	
21		26.5'	Sept/55	
		543.0		

Notes:

■ Amount of TRENCHING 175'
 ● DIAMOND DRILLING ~~1985~~
 ⊙ D.D.H. 543.2



QUEBEC NICHE
 REX LAKE
 Assessment w/
 Scale 1" = 4

QUEBEC NICKEL CORPORATION LIMITED

GEOLOGICAL RECORD

HOLE NUMBER	KRL 33345 #3	DATE STARTED	Aug. 3, 1955
TOTAL DEPTH	45 feet.	DATE FINISHED	Aug. 5, 1955
BEARING	North	DIP	45°
ELEVATION	Lake level plus 5'.		
CO ORDINATES	LAT		
Trench #2 at north boundary of KRL 33345.		DEPT.	

DEPTH		FORMATION
From	To	
0'	3.0'	Banded paragneiss, little mineralization, some surface oxidation.
3.0'	6.0'	Banded paragneiss with some chalcocite mineralization.
6.0'	10.0'	Paragneiss complex, Pegmatite up to 6" with chalcocite mineralization.
10.0'	12.5'	Paragneiss complex with pegmatite up to 6" or better. Some chalcocite mineralization.
12.5'	15.0'	Same.
15.0'	17.0'	Pegmatite. Not sampled.
17.0'	45.0'	High biotitic paragneiss, banding at 45°; Not sampled.

End of Hole.

Drilled by B. Sobiski, Kenora, Ont. Packsack drill.
 Logged and sampled by Allan Wm. Grant.
 Assayed by Ascot Metals Laboratories.

VALUE RECORD

HOLE NUMBER **KRL 33345 #3.**

SAMPLE				ASSAYS					
Number	From	To	Length	Au	Ag	Cu	Pb	Zn	Ni
0060	0'	3.0'	3.0'		Tr.	0.15			Ni1
0061	3.0'	6.0'	3.0'		Tr	0.76			Ni1
0062	6.0'	10.0'	4.0'		0.10	0.56			Tr
0063	10.0'	12.5'	2.5'		Tr	0.15			0.16
0064	12.5'	15.0'	2.5'		Tr	1.17			0.15
	15.0'	45.0'			Not	sampled.			

INBEC NICKEL CORPORATION LIMITED

GEOLOGICAL RECORD:

HOLE NUMBER KRL 33345 Hole #7 DATE STARTED ~~July 29~~ ^{Aug 7} 1955

TOTAL DEPTH 60 feet DATE FINISHED ~~July 29~~ ^{Aug 8} 1955

BEARING North DIP -45° ELEVATION Rex Lake plus 3 feet.

CO ORDINATES LAT DEPT #1 Pit at north boundary of Claim KRL 33345

DEPTH		FORMATION
From	To	
0'	5.0'	Biotitic Paragneiss. not sampled.
5.0'	10.0'	Paragneiss with plenty of oxidation products.
10.0'	12.0'	Paragneiss, well mineralized with Chalcocite and Nickeliferous pyrrhotite.
13.0'	13.0'	Paragneiss, well mineralized.
13.0'	17.0'	Same.
17.0'	18.0'	Same.
18.0'	23.0'	Pegmatite.
23.0'	25.0'	Paragneiss with little mineralization.
25.0'	29.0'	Paragneiss with fair Chalcocite mineralization.
29.0'	31.0'	Pegmatite.
31.0'	35.0'	Paragneiss with narrow bands of pegmatite. Some chalcocite mineralization.
35.0'	40.0'	Biotitic Paragneiss, with short sections of pegmatite, up to 6". Some chalcocite mineralization.
40.0'	42.5'	Paragneiss with some chalcocite mineralization.
42.5'	45.0'	Same.
45.0'	46.0'	Pegmatite.
46.0'	50.0'	Paragneiss with pyrrhotite pyrrhotite mineralization.
50.0'	60.0'	Paragneiss complex. not sampled.

End of Hole.

Drilled by Bud Sobiski, Kenora, Ont. Packsack drill.
 Logged and sampled by Allan Wm. Grant.
 Assayed by Ascot Metals Laboratories.

VALUE RECORD

HOLE NUMBER

KRL 53345 Hole #7

SAMPLE

ASSAYS

Number	From	To	Length	Au	Ag	Cu	Pb	Zn/ Ni.	
	0'	5.0'	5.0'		not	sampled.			
0071	5.0'	10.0'	5.0'		Tr	Tr		Nil	
0072	10.0'	12.0'	2.0'		Tr	.15		.16	
0073	12.0'	13.0'	1.0'		Tr	.15		.29	
0074	13.0'	17.0'	4.0'		Tr	.15		.07	
0075	17.0'	18.0'	1.0'		Tr	.15		.11	
0076	18.0'	23.0'	5.0'		Tr	.10		Nil	
0077	23.0'	25.0'	2.0'		Tr	.66		.15	
0078	25.0'	29.0'	4.0'		Tr	.30		.08	
0079	29.0'	31.0'	2.0'		Tr	Tr		Nil	
0080	31.0'	35.0'	4.0'		Tr	.10		Tr	
0081	35.0'	40.0'	5.0'		Tr	.10		Nil	
0082	40.0'	42.5'	2.5'		Tr	.46		Tr	
0083	42.5'	45.0'	2.5'		Tr	.86		.10	
0084	45.0'	46.0'	1.0'		Tr	Tr		Nil	
0085	46.0'	50.0'	4.0'		Tr	Tr		Nil	
0086	50.0'	60.0'	10.0'		not	sampled.			
				End of Hole.					

QUEBEC NICKEL CORPORATION LIMITED

GEOLOGICAL RECORD:

HOLE NUMBER **KRL 33345 #10** DATE STARTED **Aug. 10, 1955**
 TOTAL DEPTH **53 feet** DATE FINISHED **Aug. 10, 1955**
 BEARING **000°** DIP **-45°** ELEVATION **Lake level plus 0 ft.**
 CO ORDINATES LAT DEPT
Trench # 6 at north boundary of Claim KRL #33345

DEPTH		FORMATION
From	To	
0'	13.5'	Altered paragneiss, (rhyolite?) Light, siliceous, considerable chlorite and biotite alteration, some scattered chalc mineralization. From 7' to 8' biotite schist. At 13.5' gradational.
13.5'	24.0'	Predominantly biotite schist, with chalc mineralization some nickel mineral.
24.0'	28.5'	Paragneiss with blebs of biotite.
28.5'	29.0'	Biotite schist with chalc and pyrrhotite mineralization
29.0'	53.0'	Massive paragneiss, with blebs of biotite. Considerable pegmatite for the last 8 feet of the core. End of Hole.

Drilled by B. Sobiski, Kenora, Ont. Paeksack Drill.
 Logged and Sampled by Allan Wm. Grant.
 Assayed by Ascot Metals Laboratories.

VALUE RECORD

HOLE NUMBER

RRL 33345 #10

SAMPLE

ASSAYS

Number	From	To	Length	Au	Ag	Cu	Pb	Zn	Ni
0093	28.5'	29.0'	0.5'						
XX									
1862	7.0'	8.0'	1.0'		Tr	0.36			Tr
1863	11.5'	12.0'	0.5'		Tr	0.10			Nil
1864	22.0'	24.0'	2.0'		Tr	Tr			Nil

USBEC NICKEL CORPORATION LIMITED
GEOLOGICAL RECORD

HOLE NUMBER	KRL 33345 #11	DATE STARTED	Aug. 11, 1955
TOTAL DEPTH	57 feet.	DATE FINISHED	Aug. 12, 1955
BEARING	180°	DIP	-45°
ELEVATION	Lake level plus 5 feet.		

CO ORDINATES LAT DEPT
~~Trench #5 at north boundary of Claim KRL 33345.~~

DEPTH		FORMATION
From	To	
0'	1.0'	Paragneiss.
1.0'	4.0'	White pegmatite.
4.0'	16.0'	Paragneiss mottled with blebs of biotite.
16.0'	17.0'	Same with a little chalco mineralization.
17.0'	18.0'	Paragneiss with good chalco and pyrrhotite mineralization. Possibly pentlandite.
18.0'	80.0'	Paragneiss, with little mineralization.
20.0'	25.0'	Same.
25.0'	27.0'	Massive paragneiss with little banding. Massive. Possibly a basic intrusive with some chalco mineral.
27.0'	37.0'	Same.
37.0'	38.0'	Same with a little more chalco mineral.
38.0'	40.0'	Same paragneiss with no mineralization.
40.0'	57.0'	Paragneiss with blebs of biotite, mottled appearance. Some narrow bands of pegmatite throughout.
End of Hole.		

Drilled by B. Sobiski, Kenora, Ont. Packsack Drill.
 Logged and sampled by Allan Wm. Grant.
 Assayed by Ascot Metals Laboratories.

VALUE RECORD

HOLE NUMBER

KHL 33345 #11.

SAMPLE

ASSAYS

Number	From	To	Length	Au	Ag	Cu	Pb	Zn		
0087	16.0'	17.0'	1.0'							
0088	17.0'	18.0'	1.0'							
0089	18.0'	20.0'	2.0'							
0090	20.0'	25.0'	5.0'							
0091	25.0'	27.0'	2.0'							
0092	27.0'	28.0'	1.0'							
Remainder not sampled.										

UBSC NICKEL CORPORATION LIMITED

GEOLOGICAL RECORD:

HOLE NUMBER	KRL 53345 #13.	DATE STARTED	Aug. 12, 1955
TOTAL DEPTH	60.0'	DATE FINISHED	Aug. 13, 1955
HEADING	180°	DIP	-45°
ELEVATION	Lake Level plus 0'.		
CO ORDINATES	LAT	DEPT	

DEPTH		FORMATION
From	To	
0'	5.0'	Paragneiss with some pegmatite.
5.0'	10.0'	Massive paragneiss, with some remnants of banding. 45°. Biotitic. 2 1/2" narrow band of chalcocite at 7.5'.
10.0'	12.5'	Same except with chalcocite and pyrrhotite mineralization.
12.5'	23.0'	Paragneiss, fairly massive with remnants of banding.
23.0'	36.0'	Massive paragneiss, with pegmatite material mixed throughout.
36.0'	44.0'	Paragneiss mottled with blebs of biotite. No banding.
44.0'	60.0'	Same paragneiss with a little more feldspar mineral.

End of Hole.

Drilled by B. Sobiski, Kenora, Ont.
 Logged and sampled by Allan Wm. Grant.
 Assayed by Ascot Metals Laboratories.

VALUE RECORD

HOLE NUMBER

KRL 33845 #13.

SAMPLE

ASSAYS

Number	From	To	Length	Au	Ag	Cu	Pb	Zn		
0094	10.0'	12.5'	2.5'							
	Remainder not sampled.									

QUEBEC NICKEL CORPORATION LIMITED

GEOLOGICAL RECORD:

HOLE NUMBER	KRL 33355 #14	DATE STARTED	Aug. 14, 1955
TOTAL DEPTH	55.0'	DATE FINISHED	Aug. 16, 1955
BEARING	180°	DIP	45°
		ELEVATION	Lake level plus 15 feet.

CO ORDINATES LAT DEPT
 Trench #1 at north-west corner of Claim KRL 33355.

DEPTH		FORMATION
From	To	
0'	2.5'	Paragneiss with considerable surface oxidation.
2.5'	5.0'	Paragneiss.
5.0'	7.5'	Paragneiss with seams of surface oxidation.
7.5'	25.0'	Banded paragneiss, with banding at 70° 70°. 6" pegmatite at 22'.
25.0'	36.0'	Paragneiss with biotite banding.
36.0'	40.0'	Paragneiss with chalc mineralization.
40.0'	42.5'	Same.
42.5'	55.0'	Banded paragneiss, pegmatite bands at the following footages; 42.5' - 16"; 44' - 1".

End of Hole.

Drilled by B. Sobiski, Kenora, Ont.
 Logged and sampled by Allan Wm. Grant.
 Assayed by Ascot Metals Laboratories.

VALUE RECORD

HOLE NUMBER

KRL 33355 #14.

SAMPLE				ASSAYS				
Number	From	To	Length	Au	Ag ¹	Cu	Pb	Zn
	07/11/17.5/11/17.5/							
0095	0'	2.5'	2.5'					
0096	5.0'	7.5'	2.5'					
0097	36.0'	40.0'	4.0'					
0098	40.0'	42.5'	2.5'					
	Remainder of hole not sampled.							

QUEBEC NICKEL CORPORATION LIMITED

GEOLOGICAL RECORD :

HOLE NUMBER **KRL 33355 #15** DATE STARTED **Aug. 31, 1955**
 TOTAL DEPTH DATE FINISHED **Sept. 1, 1955**
 BEARING **000°** DIP **-45°** ELEVATION **Lake level plus 15 feet.**
 CO ORDINATES LAT DEPT
~~Trench #1 at north west corner of claim #KRL 33355.~~

DEPTH		
From	To	FORMATION
0'	5.5'	Oxidized paragneiss and pegmatite.
5.5'	11.0'	Paragneiss complex with blebs of biotite.
11.0'	13.0'	Paragneiss complex, with some chalcocalc mineralization.
13.0'	37.0'	Banded paragneiss with banding at 70° Pegmatite at 15' - 12" ; 17' - 12" ; also other small narrow bands of pegmatite at irregular intervals.
37.0'	43.0'	Similar to Above.

Drilled by B. Sobiski, Kenora Ont. (Pack Sack Dr.)
 Logged and Sampled by A.W. Grant, Lynx Lake Ont.
 Assayed by Ascot Metals Corp. Ltd.
 Sherbrooke, Que.

QUEBEC NICKEL CORPORATION LIMITED

GEOLOGICAL RECORD :

HOLE NUMBER	33355 -16	DATE STARTED	Sept. 4, 1955
TOTAL DEPTH	36.5'	DATE FINISHED	Sept. 8, 1955
BEARING	N. 3 W.	DIP	-45
CO ORDINATES	LAT	DEPT'	
	Location Claim 33366	Rex Lake Area	

DEPTH		FORMATION
From	To	
0	10.0'	Paragneiss, Normal some shearing, scattered irregular Pegmatite dikes, minor chalco at 10.0'
10.0	13.0'	Pegmatite dike,
13.0	21.0'	Paragneiss, uniform massive, scattered chalco in small irregular blobs and random stringers
21.00	24.5'	Pegmatite, some garnitization, 21.0- 21.5' Chalco minerlization
24.5	36.5'	Paragneiss, similar to above, some scattered chalco minerlization.

Note. Some leaching in minerlized zone.

36.5' End of hole

Drilled by B. Sobiski, Kenora, Ont. Pack Sack cl. 1

Logged and sampled by K. Speth, Lynx Lake, Ont

Assayed by Ascot metals Corp. Herbrooke, Que.

VALUE RECORD

HOLE NUMBER 33355 - 16

Number	SAMPLE			ASSAYS						
	From	To	Length	Au	Ag	Cu	Pb	Zn		
1874	13.0	14.0	1.0			1.03				
1875	14.0	19.0'	5.0			Tr.				
1876	19.0	21.5'	2.5'	Tr.		.36				
1877	24.5	26.5	2.0'			.52				

Quebec Nickel CORPORATION LIMITED

GEOLOGICAL RECORD :

HOLE NUMBER 33355 - 17	DATE STARTED Sept. 3, 1955
TOTAL DEPTH 45.0'	DATE FINISHED Sept. 6, 1955
BEARING S. 3 E. DIP - 45	ELEVATION
CO ORDINATES LAT	DEPT
Location Claim 33355 Rex Lake area	

DEPTH		FORMATION
From	To	
0	45.0'	Paragneiss, normal sheared, sparse mineralization chalco at 0 - 1.0', 14.0' 2" Pegmatite: 4 - 4.5; 9.5 - 10.0'; 12.5 - 13.0'; 15.0 - 17.0'; 22.0 - 25.5'; 45.0' End of hole Drilled by B. Sobiski, Kenora, Ont. Pack sack drill Logged and sampled by K. Speth, Lynx Lake, Ont. Assayed by Ascot Metals Corporation Ltd. Sherbrooke, Que.

VALUE RECORD

HOLE NUMBER

3355 - 17

SAMPLE

ASSAYS

Number	From	To	Length	Au	Ag	Cu	Pb	Zn		
1878	0	1.0'	1.0		-	1.24				
1879	14.0	14.5'	0.5			1.29				

Quebec Nickel CORPORATION LIMITED

GEOLOGICAL RECORD :

HOLE NUMBER	3-35 ^b - 18	DATE STARTED	Sept. 2, 1955
TOTAL DEPTH	28.0'	DATE FINISHED	sept. 2, 1955
BEARING	N 4 W	DIP	-45
CO-ORDINATES		ELEVATION	
Location		Claim 33355 Rex Lake Area	

DEPTH		FORMATION
From	To	
0	28.0'	<p>Paragneiss, Coarse grained, few narrow scattered pegmatite dikes, well sheared. Sparse chalc. min. at 14.0', not sampled</p> <p>28.0' end of hole</p> <p>No assays</p> <p>Drilled by B. Sobiski, Anora. Ont. Pack Sack Drill Logged by K. Speth</p>

Quebec Nickel CORPORATION LIMITED

GEOLOGICAL RECORD :

HOLE NUMBER 33355 -20	DATE STARTED Sept. 8, 1955
TOTAL DEPTH 32.5	DATE FINISHED Sept. 9, 1955
BEARING N. 4 W. DIP -45	ELEVATION
CO ORDINATES LAT	DEPT
Location Claim 33355	Rex lake area

DEPTH		FORMATION
From	To	
0	18.5	Paragneiss, highly altered to Biotite Schist, also highly garnitized, Pegmatite; 16.5 - 17.0' Minerlized 4.0 - 12.0' (chalco)
18.5	26.4	Pegmatite, normal
26.5	32.5	Paragneiss, normal sheared.
		32.5' th nd of hole
		Drilled by B. Sobiski, Kenora, Ont. Pack sack drill Logged and Sampled by K. Speth, Lynx Lake, Ont. Assayed by Ascot Metals Corp. Sherbrooke, Que.

Quebec Nickel CORPORATION LIMITED

GEOLOGICAL RECORD:

HOLE NUMBER	33355 - 21	DATE STARTED	Sept. 9, 1955
TOTAL DEPTH	26.5	DATE FINISHED	Sept. 9, 1955
BEARING	S. 3 E. DIP / -45	ELEVATION	
CO ORDINATES	LAT	DEPT	
Location Claim 33355 Rex Lake Area			

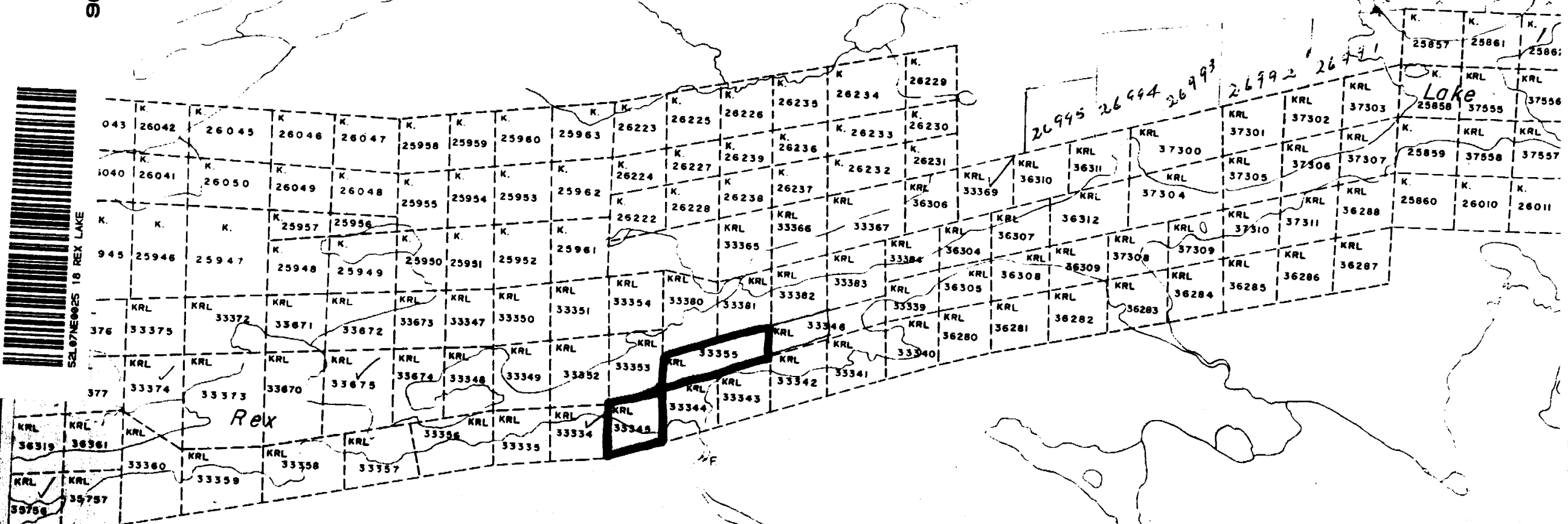
DEPTH		FORMATION
From	To	
0	28.5'	Paragneiss, Normal, some shearing 0 - 5.0 considerable Biotite and Garnet alteration. Pegmatite; 16.5 - 23.0' 2655' End of hole No assays

Drilled by B. Sobiski, Kenora, Ont. Pack Sack Drill
 Logged by K. Speth, Lynx Lake, Ont.

900



S2107NE0025 18 REX LAKE



26945 26444 26993

26992 26491

Rex

Lake

33334

THE MINING ACT



REPORT OF WORK

Red Lake

WS 501-33334

To the Recorder of Red Lake Mining Division:

I, Quebec Nickel Corporation Limited,
c/o Ontario Central Airlines (Name of Agent) Ont.
Kenora, Ont.
(Post Office Address)

the recorded holder of mining claim No. KRL 33334 hereby report the performance of 20 days' work not before reported.

* This mining claim is one of a group of contiguous claims numbered KRL 33334, 35, 41, 42, 43, 44, 45, 55, 56, 57, 58, 59, 60, 61, 81, 36317, 18, 19.

of which I am the recorded holder under Mining Licence No. A-24748, and the work was performed on mining claim(s) KRL 33334, 35, 55. and is to be applied in respect of mining claim(s) KRL 33334
(*Complete above section only if applicable)

The work is as follows:

Stripping or opening up mines, sinking shafts or other actual mining operations

The names and addresses of the men who performed the work and the dates upon which each man worked in its performance are: (If more space is required, attach list).

R. Sobiski, Kenora, Ont.	July 25/55 to Sept. 19/55	53 days
R. Sobiski, Kenora, Ont.	July 25/55 to Sept. 19/55	XXXXXX
W. Cranston, Jellicoe, Ont.	July 25/55 to Sept. 19/55	53 "
K. Speth, Kenora, Ont.	July 25/55 to Sept. 19/55	11 "
Total		<u>117 days</u>

Total No. of days

Diamond or other Core Drilling

Footage drilled 543.5' No. of holes drilled 12 Angle SEE logs.

Diameter of core 7/8" Names and addresses of owner and operator of drill Quebec Nickel Corporation Limited, Kenora, Ont.

Dates upon which drilling was done July 1955 & Sept. 1955
B. Sobiski. Aug, 3, 5, 7, 10, 11, 12, 13, 14, 16, 31/55
Sept 1, 4, 6, 8, 9, 12/55
(Core log in duplicate accompanies this report).

Total No. of days 543.5

Work by Compressed Air or other Power Driven Rock Drill

Type of drill Packsack Diamond Drill

Names and addresses of men engaged in operating drill.

B. Sobiski, Kenora, Ont.

July 25 to 31 (incl) / 55 Aug 1, 2, 4, 6, 9, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30/55
Sept 2, 3, 5, 7, 10, 11, 12 to 19 (incl) / 55.

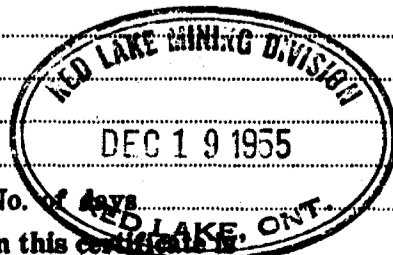
Dates upon which each man worked July 25/55 to Sept. 19/55 40 x 2

Total No. of days 80

Geophysical Survey

Type of instrument used

Names and addresses of men employed and the dates on which each worked are:



Total No. of days

The penalty for making a false statement in this certificate is \$500. or six months imprisonment or both.

Recorded Dec 19/55