



41P15NE0024 2.17324 POWELL

010

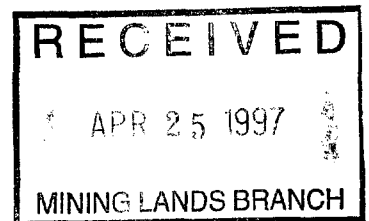
2.17324

**Diamond Drill Report
on the
Hawley Lake Project,
Powell Township**

for Norcan Resources

by

B.J. McKay and Fred Kiernicki



Kirkland Lake, Ontario

7 April, 1997

Summary

A program of drilling, 3 holes totalling 1104 feet, was conducted to evaluate historical results on the Hawley Lake project. The Hawley Lake Property was the subject of very limited exploration in 1935. Core values of 0.3 ounces over 6.0 feet were reported.

Introduction

This report presents the results of a 3 hole diamond drill program totalling 1104 feet completed on the Hawley Lake project during the first week of April, 1997.

The holes were completed in the vicinity of historical workings that consisted of trenching, drilling and partial completion of a shaft. A total of 112 samples have been submitted for analysis.

During March, 1997 a short program of trenching was conducted under the supervision of the junior author (under separate cover).

Location and Access

The property is situated 3 km west of Matachewan on provincial Highway 565. An access road situated north of the Extender Minerals Barite Mill reaches the south boundary of the project area a distance of 2.5 km from the provincial road. Refer to accompanying map.

Regional Geology

"The Matachewan camp is located in an area with a complex structural and intrusive history. The camp is bounded by the Montreal River - Narrow Lake Fault and the Mistinikon Lake Faults to the east and west respectively and is likely related to the western extension of the Kirkland Lake - Larder Lake Break. In Powell Township, tight folding appears to have repeated a succession of volcanic and Timiskaming - type sedimentary rocks along an east - west axis.

This steeply dipping sequence is intruded by a large number of dikes, sills and stocks of felsic to intermediate composition. A swarm of later "Matachewan" diabase dikes follow north trending fracture zones. In the southern portion of Powell Township and the majority of Bannockburn Township, a volcano - sedimentary sequence is unconformably overlain by flat lying Cobalt Group. Gold mineralization is related to quartz - carbonate vein systems which crosscut syenite and carbonized volcanic and sedimentary rocks. (Lovell, 1967)."

The regional geology was obtained from Kiernicki's 1997 trench report. Refer to accompanying map.

Local Geology

Outcrop on the claim group appears to be very sparse. Hawley Lake is situated in the centre of the 17 claims. The east shore of Hawley Lake appears to be a syenite porphyry body, while the north end of the claim group was mapped as Timiskaming Sediment by Lovell, 1967.

A large Matachewan diabase strikes north - south near the east side of the claim group.

Previous Work

A limited program of trenching, sampling and drilling was completed in 1935. Also at that time a shaft was sunk to 26 feet (personal communication, Kiernicki, 1997). Please refer to various accompany maps showing property location and geology.

A short program of trenching was conducted in March 1997 under the supervision of Kiernicki.

Present Work

A 3 hole program of drilling was conducted during the first week of April 1997 under the supervision of Kiernicki. The program was designed to test under recent trenching and to "twin" former holes where values of up to 0.3 ounces over 6.0 feet were reported (Kiernicki, personal communication, 1997). Logging and report preparation were completed on April 6 and 7, 1997.

A sequence of north trending weakly to strongly brecciated and hemitized sediments were encountered. The sediments are very fine to fine grained mudstones, greywackes and siltstones which in "fresh" sections exhibit graded bedding. Silicification varies from weak to strong. Pyrite varying from trace to 5% occurs as disseminated specks, fracture filler and breccia matrix.

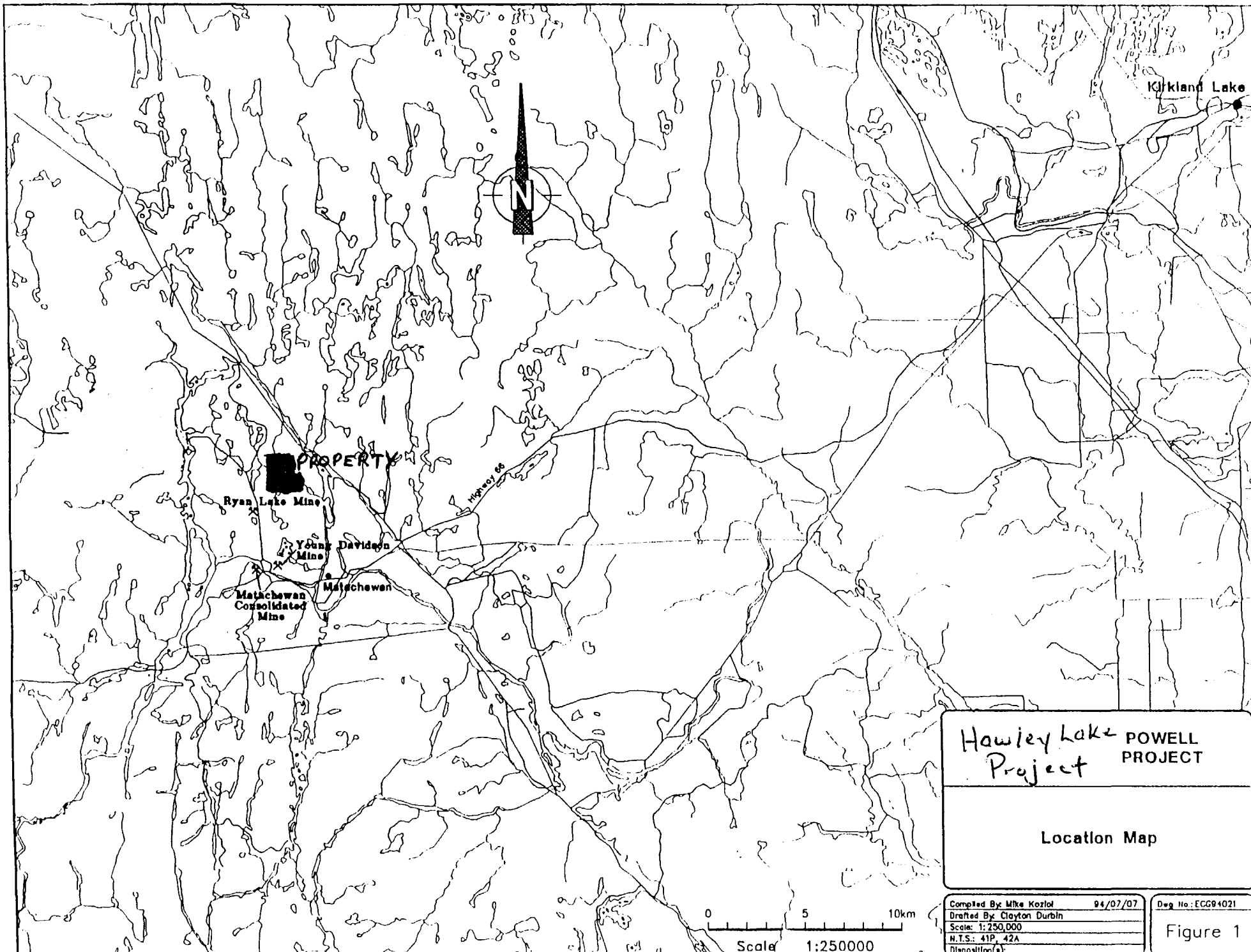
Additional units encountered consisted of numerous narrow felsic porphyritic sills and diabase dykes.

Refer to accompanying drill logs and sections. Elevations are assumed. Topographical profiles are not available.

A total of 112 samples averaging 4.7 feet in length were marked for sampling and assaying (Au and Cu).

Recommendations

A program of drilling and mapping is recommended upon receipt of encouraging results from the core analysis.



Hawley Lake POWELL
Project PROJECT

Location Map

Compiled By: Mike Kozlowski 94/07/07
Drafted By: Clayton Durbin
Scale: 1:250,000
N.T.S.: 41P, 42A
Discontinuation:

Dwg No.: ECG94021
Figure 1

POWELL

TWP.



Matchewan

Lake

Log Lake

Hawley Lake

Hawley Lake Group

Little 8 Hawley Lake

Ryan Lake

Ottawa Lake

Shaly No. 21

No. 1




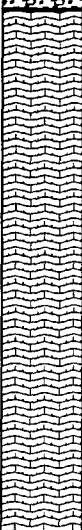
NORCAN RESOURCES
HAWLEY LAKE
DIAMOND DRILL RECORD

Date: 8 Apr, 1997

Page: 1 of 3

REF CORD: 170.000 8.000 SURVEYED: No HOLE NO: HL97-1
 LOCATION: GRID: PROPERTY: Hawley Lake
 AZIMUTH: 90.0 Deg. DIP: -70.0 Deg. LENGTH: 307.00 m PROJECT: Hawley Lake
 ELEVATION: .00 m SECTION: CORE SIZE: BQ LOGGED BY: BJM
 ASSAY TYPE: STARTED: Apr 97 COMPLETED: Apr 97 DATE LOGGED: 6 Apr 97
 PURPOSE: CLAIM NO: DRILLED BY:
 COMMENTS:


DIP TESTS (corrected)
 DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP

From (m)	To (m)	Rock Type	Geology	Sample	From (ft)	To (ft)	Len (ft)	Au (opt)	Au
.00	10.00		CASING						
10.00	111.50		SEDIMENT Very fine-grained to fine-grained, grey, green, black, white, red orange, hard, non-magnetic. Matrix is very fine-grained and silicified with angular to subangular felsic (granitic) fragments up to 18 inches across also with angular wallrock fragments up to Two inches across. Fractured, brecciated and foliated throughout. Silicified, hematitized and bleached. Hematitization as alteration halos up to 1 to 1.5 inches along fractures and in brecciated sections. Creamy white to translucent white QUARTZ VEINS up to 4 inches. Trace to 3% pyrite, disseminated and as seams and minute irregular masses, trace						

NORCAN RESOURCES
HAWLEY LAKE
DIAMOND DRILL RECORD

Date: 8 Apr, 1997

HOLE No: HL97
Page : 2 of 3

From (m)	To (m)	Rock Type	Geology	Sample	From (ft)	To (ft)	Len (ft)	Au (opt)	Au	
			chalcopyrite.							
10.00	13.00		Very fine-grained, silicified, pyritic : 1% finely disseminated and as fracture filler.							
13.00			Contact, 45 dca.	7051	13.00	17.80	4.80			
13.00	17.80		Brecciated with predominantly subangular wallrock fragments.							
17.80	33.70		Fractured, brecciated with only slight movement. Extensive pervasive silicification, 1 to 2% disseminated pyrite, locally strongly bleached.	7052	17.80	22.00	4.20			
				7053	22.00	27.00	5.00			
				7054	27.00	30.50	3.50			
				7055	30.50	33.70	3.20			
33.70	35.20		An 18 inch subrounded granite fragment.	7056	33.70	37.00	3.30			
35.20	42.00		Green and grey unaltered/fresh unit, locally brecciated with moderate amounts of pervasive hematite alteration along fractures and in brecciated sections.	7057	37.00	42.00	5.00			
			Trace to 3% disseminated and fracture filler pyrite.							
42.00	46.00		Section with granite fragment. Fractured, hematitized matrix. Quartz stringers cross fragment boundaries.	7058	42.00	47.00	5.00			
46.00			Vuggy quartz vein up to 3 inches wide, brecciated with seams of pyrite up to 1/4 inch wide at 45 dca.							
46.00	79.00		Reddish brown, pervasive hematitization, locally unaltered/fresh. Fractured and brecciated throughout occasional QUARTZ VEIN. Scattered quartz stringers and knots up to 2 inches across.	7059	47.00	52.00	5.00			
		Section with trace to 2 % disseminated and fracture filled pyrite.								
51.00		Foliated.	7060	52.00	57.00	5.00				
57.00		A 3 inch QUARTZ VEIN at 40 to 50 dca.	7061	57.00	62.00	5.00				
62.00		A 2 inch QUARTZ VEIN subparallel	7062	62.00	67.00	5.00				

NORCAN RESOURCES
HAWLEY LAKE
DIAMOND DRILL RECORD

Date: 8 Apr, 1997

HOLE No: HL97
Page : 3 of 3

From (m)	To (m)	Rock Type	Geology	Sample	From (ft)	To (ft)	Len (ft)	Au (opt)	Au
			to core axis for 8 inches.						
			67.00 79.00 Several discontinuous seams of pyrite at 45 dca.	7063	67.00	72.00	5.00		
			73.00 73.50 Zone of intense brecciation with all fragments less than 1 inch. Bands of pyrite along edges.	7064 7065	72.00 77.00	77.00 79.00	5.00 2.00		
			79.00 94.00 Fractured, weakly brecciated section with minor hematitization along fractures. Minor quartz stringers. Trace pyrite.	7066 7067	79.00 84.00	84.00 89.00	5.00 5.00		
			89.00 Bedding 45 dca.	7068	89.00	94.00	5.00		
			94.00 111.50 QUARTZ VEIN rich section with SIX brecciated veins up to 18 inches wide. Wallrock bleached, fractured, hematitized and silicified.	7069 7070 7071	94.00 99.00 102.50	99.00 102.50 107.50	5.00 3.50 5.00		
			Disseminated and fracture filled pyrite, also as irregular seams in veins.						
			108.40 Irregular vuggy quartz with minor banded quartz and rounded minute mounds of silica growths.						
111.50	307.00		SEDIMENT Fine to fine-grained grey green, relative fresh section. Fractured, locally brecciated, minor hematitization along fractures. Locally foliated. Occasional broken section. Scattered to 0.5% disseminated pyrite, locally as irregular pitted seams up to 1 inch thick. Bedding 40 to 50 dca throughout. Occasional translucent QUARTZ VEIN up to 5 inches across.						
			136.50 142.00 Two QUARTZ VEINS.	7072	136.50	142.00	5.50		
			250.00 307.00 Unaltered/fresh section with graded bedding. At 40 dca.						
			297.00 A two foot Fault zone.						
307.00			END OF HOLE						



NORCAN RESOURCES
HAWLEY LAKE
DIAMOND DRILL RECORD

Date: 8 Apr, 1997

Page: 1 of 5

REF CORD: -175.000 -91.000 SURVEYED: No HOLE NO: HL97-2
 LOCATION: GRID: PROPERTY: Hawley Lake
 AZIMUTH: 90.0 Deg. DIP: -50.0 Deg. LENGTH: 497.00 m PROJECT: Hawley Lake
 ELEVATION: .00 m SECTION: CORE SIZE: BQ LOGGED BY: BJM
 ASSAY TYPE: STARTED: Apr 97 COMPLETED: Apr 97 DATE LOGGED: 6 Apr 97
 PURPOSE: CLAIM NO: DRILLED BY:
 COMMENTS:


DIP TESTS (corrected)
 DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP

From (m)	To (m)	Rock Type	Geology	Sample	From (ft)	To (ft)	Len (ft)	Au (opt)	Au
.00	10.00		CASING						
10.00	497.00		SEDIMENT 10.00 18.00 Very fine-grained, fine-grained, grey green, REDDISH BROWN, silicified, hematitized, fractured, brecciated broken throughout. Weak to moderate hematite alteration along fractures. Vuggy quartz veins up to 3 inches, randomly oriented section is locally rusted. Trace to 3% disseminated and fracture filler pyrite. 12.00 18.00 Granite boulder. 18.00 28.50 Fine-grained green section, locally sheared, brecciated, moderate pervasive brecciation. Minor hematite alteration along fractures.	7073	23.50	28.50	5.00		

NORCAN RESOURCE:
HAWLEY LAKE
DIAMOND DRILL RECORD

Date: 8 Apr, 1997


HOLE No: HL97
Page : 2 of 5

From (m)	To (m)	Rock Type	Geology	Sample	From (ft)	To (ft)	Len (ft)	Au (opt)	Au
			Scattered trace pyrite.						
28.50	41.00		Brecciated section with local pervasive hematitization. Remainder of section green and relatively fresh. Scattered vuggy quartz veins. Trace pyrite.	7074	28.50	33.00	4.50		
					7075	33.00	37.00	4.00	
					7076	37.00	41.00	4.00	
41.00	54.00			Similar to 18-28.5. Fractured, brecciated, green with minor hematitization, locally bleached along fractures and at edges of quartz stringers.	7077	41.00	46.00	5.00	
42.00				Chalcopyrite in breccia matrix with minor pyrite.	7078	46.00	51.00	5.00	
52.00				Bedding 30 dca.	7079	51.00	54.00	3.00	
54.00	97.00			Very fine-grained to fine-grained, reddish brown, locally green, pervasive hematitization and silicification. Fractured, brecciated throughout minor movement of breccia fragments. Locally foliated. Minor veining up to 2 inches, locally vuggy.	7080	54.00	57.00	3.00	
					7081	57.00	62.00	5.00	
					7082	62.00	67.00	5.00	
					7083	67.00	72.00	5.00	
					7084	72.00	77.00	5.00	
					7085	77.00	82.00	5.00	
					7086	82.00	86.00	4.00	
				Trace to 3% pyrite, disseminated and as fracture filler and matrix of breccia.					
86.00	93.00			Fault zone, broken throughout. Pitted and vuggy. Minor gouge.	7087	86.00	93.00	7.00	
93.00	94.50			Granite boulder, with irregular edges. No chill margins.	7088	93.00	97.00	4.00	
97.00	119.50			Very fine-grained to fine-grained, grey green to reddish brown. Locally moderate to strong hematite. Locally fresh and unaltered. Locally fractured and brecciated in altered sections. Scattered vuggy quartz veins.	7089	97.00	102.00	5.00	
					7090	102.00	107.00	5.00	
				Trace pyrite.					
105.50			Minor limonite staining.	7091	107.00	112.00	5.00		
				7092	112.00	117.00	5.00		
				7093	117.00	119.50	2.50		
119.50	153.50		Fine-grained, predominantly grey green, minor						

NORCAN RESOURCES
HAWLEY LAKE
DIAMOND DRILL RECORD

Date: 8 Apr, 1997

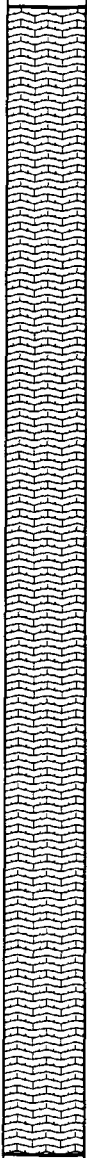
HOLE No: HL97
Page : 3 of 5

From (m)	To (m)	Rock Type	Geology	Sample	From (ft)	To (ft)	Len (ft)	Au (opt)	Au	
			silicification, minor hematitization, locally fractured, locally brecciated, foliated and broken. Trace pyrite.							
131.00			Bedding 40 dca.							
153.00			Graded bedding 40 dca.		7094	153.00	157.00	4.00		
153.50	256.80		Very fine-grained to fine-grained, grey green, locally moderate to strong hematitization along fractures and brecciated sections. Minor chlorite. 1 to 5% pyrite, trace chalcopyrite. Fresh sections, locally bleached, pervasive brecciation with 2 to 3% pyrite filler. Minor quartz veining up to 2 inches wide.	7095	157.00	162.00	5.00			
				7096	162.00	167.00	5.00			
				7097	167.00	171.50	4.50			
			Upper contact 80 dca.							
171.50	172.60		Porphyritic sill.		7098	171.50	177.00	5.50		
172.60			Lower contact 65 dca.		7099	177.00	181.00	4.00		
					7100	181.00	185.50	4.50		
					7101	185.50	192.00	6.50		
					7102	192.00	197.00	5.00		
					7103	197.00	202.00	5.00		
					7104	202.00	206.00	4.00		
					7105	206.00	209.00	3.00		
209.00		Upper contact irregular.		7106	209.00	212.00	3.00			
209.00	210.80	Porphyritic sill.								
210.80		Irregular with fine-grained chill margin < 1 inch wide.		7107	212.00	217.00	5.00			
				7108	217.00	222.00	5.00			
				7109	222.00	227.00	5.00			
				7110	227.00	232.00	5.00			
				7111	232.00	237.00	5.00			
233.40	234.60	Translucent white quartz vein.		7112	237.00	242.00	5.00			
				7113	242.00	247.00	5.00			
				7114	247.00	252.00	5.00			
251.00	253.50	Vuggy, pitted, sheared, broken fault zone.		7115	252.00	256.80	4.80			
256.00	256.80	15% pyrite in black chloritic matrix with scattered angular fragments of hematitization wallrock up to 2 inches across.								

NORCAN RESOURCES
HAWLEY LAKE
DIAMOND DRILL RECORD

Date: 8 Apr, 1997


HOLE No: HL97
Page : 4 of 5

From (m)	To (m)	Rock Type	Geology	Sample	From (ft)	To (ft)	Len (ft)	Au (opt)	Au
			256.00 Bedding 45 dca.						
	256.80 291.00		Fine-grained, grey green, green section locally fractured and brecciated with minor hematite alteration.	7116	256.80	262.00	5.20		
			Numerous sections graded bedding. Core axis at 40 to 50 dca.						
			1-2% Disseminated and euhedral pyrite in altered sections. Locally brecciated with minor chlorite and pyrite matrix in fresh sections.						
	291.00 337.20		Fine-grained, grey green, bleached, brecciated, fractured with moderate to strong hematitization in brecciated sections. Occasional irregular quartz veins up to 3 inches across, locally vuggy. Scattered irregular quartz carbonate veinlets locally vuggy. 1-5% pyrite throughout.	7117	291.00	297.00	6.00		
	291.00		Irregular seam of chalcopyrite 0 to 0.5 inches wide at 40 dca.	7118	297.00	302.00	5.00		
				7119	302.00	307.00	5.00		
				7120	307.00	312.00	5.00		
				7121	312.00	317.00	5.00		
				7122	317.00	322.00	5.00		
	317.50 318.40		Brecciated, translucent white quartz vein.						
	321.20		Two flattened S shaped seams/gashes of chalcopyrite approximately 1 inch high by 1/8 inch wide perpendicular to bedding in a fractured very fine-grained silicified bed at 40 dca.	7123	322.00	327.00	5.00		
				7124	327.00	331.70	4.70		
	327.20 328.30		Orange red granitic sill.						
	331.70 334.30	Granite sill with phenocrysts of feldspar up to 3/8 inch across.	7125	331.70	337.20	5.50			
	336.30 337.20	Brecciated quartz vein with euhedral pyrite up to 1/4 inch across.							
	337.20 497.00	Predominantly very fine-grained							

NORCAN RESOURCES
HAWLEY LAKE
DIAMOND DRILL RECORD

Date: 8 Apr, 1997

HOLE No: HL97
Page : 5 of 5

From (m)	To (m)	Rock Type	Geology	Sample	From (ft)	To (ft)	Len (ft)	Au (opt)	Au
497.00			<p>to fine-grained, grey. Grey green, minor local hematitization along fractures. And brecciated sections. Locally sheared and broken and foliated with minor chlorite and minor gouge. Numerous instances of graded bedding particularly below 447. Scattered trace to 1% disseminated pyrite in altered sections and locally as irregular minute seams section appears to be mudstones, greywacke and argillites.</p> <p>END OF HOLE</p>						






NORCAN RESOURCES
HAWLEY LAKE
DIAMOND DRILL RECORD

Date: 8 Apr, 1997

Page: 1 of 3

REF CORD: 5.000 45.000 SURVEYED: No HOLE NO: HL97-3
 LOCATION: GRID: PROPERTY: Hawley Lake
 AZIMUTH: 270.0 Deg. DIP: -50.0 Deg. LENGTH: 300.00 m PROJECT: Hawley Lake
 ELEVATION: .00 m SECTION: CORE SIZE: BQ LOGGED BY: BJM
 ASSAY TYPE: STARTED: Apr 97 COMPLETED: Apr 97 DATE LOGGED: 6 Apr 97
 PURPOSE: CLAIM NO: DRILLED BY:
 COMMENTS:

DIP TESTS (corrected)
DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP

From (m)	To (m)	Rock Type	Geology	Sample	From (ft)	To (ft)	Len (ft)	Au (opt)	Au
.00	17.00		CASING						
17.00	52.00		DIABASE Fine-grained, grey, black, slightly magnetic, massive, fractured, brecciated, sheared, foliated, locally bleached locally hematitized. RQD 40%.						
52.00	54.00		GRANITE Medium-grained, pink, feldspar porphyritic.						
54.00	109.00		DIABASE Similar to above, locally bleached, scattered pyrite, locally 1%.						
109.00	141.00		FELSIC INTRUSIVE Fine-grained, greyish white, massive, non-magnetic, brecciated, fractured. 109.00 118.00 Fault zone.	7126 7127	109.00 113.00	113.00 118.00	4.00 5.00		

NORCAN RESOURCE
HAWLEY LAKE
DIAMOND DRILL RECORD

Date: 8 Apr, 1997


HOLE No: HL9
Page : 2 of 3

From (m)	To (m)	Rock Type	Geology	Sample	From (ft)	To (ft)	Len (ft)	Au (opt)	Au
141.00	251.00	XXXXXX XXXXXX XXXXXX	1-3% Pyrite, disseminated and fracture filler.						
			SEDIMENT						
			Very fine-grained, fine-grained, grey, green, reddish brown, silicified, hematitized, fractured, brecciated, sheared, foliated. Locally moderate to strong hematitization along fractures and in brecciated section. Numerous irregular quartz veins up to 2 inches Trace to 3% disseminated pyrite throughout.	7128	141.00	146.00	5.00		
				7129	146.00	151.00	5.00		
				7130	151.00	156.00	5.00		
				7131	156.00	161.00	5.00		
				7132	161.00	166.00	5.00		
				7133	166.00	171.00	5.00		
				7134	171.00	176.00	5.00		
				7135	176.00	180.00	4.00		
				7136	180.00	183.70	3.70		
			183.70 187.00 Felsic porphyritic, very fine-grained to fine-grained, felsic porphyritic with phenocrysts up to 1/2 inches in a silicified matrix.	7137	183.70	187.00	3.30		
				7138	187.00	192.00	5.00		
				7139	192.00	197.00	5.00		
				7140	197.00	202.00	5.00		
				7141	202.00	207.00	5.00		
				7142	207.00	212.00	5.00		
				7143	212.00	217.00	5.00		
				7144	217.00	222.00	5.00		
				7145	222.00	227.00	5.00		
				7146	227.00	232.00	5.00		
				7147	232.00	237.00	5.00		
				7148	237.00	242.00	5.00		
				7149	242.00	247.00	5.00		
			247.00 250.00 Vuggy brecciated quartz vein with broken contacts.	7150	247.00	251.00	4.00		
251.00	255.50		GRANITE						
			Medium grain, pink. Scattered vuggy quartz vein up to 1 inch wide. Scattered minute pyrite.	7151	251.00	255.50	4.50		
255.50	300.00		SEDIMENT						
			Continued from above, four granite dykelets from 3 to 18 inches. 3-5% Disseminated pyrite throughout. Pitted throughout. Two sections of ground core of 2 and 1 feet between 287-297. Hole ends with a 12 inch brecciated quartz vein with hematitized wallrock fragments with 2% pyrite.						

NORCAN RESOURCE
HAWLEY LAKE
DIAMOND DRILL RECORD

Date: 8 Apr, 1997

HOLE No: HL9
Page : 3 of 3

From (m)	To (m)	Rock Type	Geology	Sample	From (ft)	To (ft)	Len (ft)	Au (opt)	Au	
300.00			255.50	Lower contact, 45 dca.	7152	255.50	258.50	3.00		
			7153	258.50	263.00	4.50				
			7154	263.00	267.00	4.00				
			7155	267.00	272.00	5.00				
			7156	272.00	277.00	5.00				
			7157	277.00	282.00	5.00				
			7158	282.00	287.00	5.00				
			7159	287.00	292.00	5.00				
			7160	292.00	297.00	5.00				
			7161	297.00	300.00	3.00				
						END OF HOLE				

Diamond Drill Program 1997

Hawley Lake - Powell Twp.
By Norcan Resources

Fact Sheet

Drill Holes HL-1 HL-2 HL-3 all drilled on mining claim M.R. 8167 on east shore of Howley Lake Powell Twp. Larder Lake Mining Division

Core Storage - Lot 468 Booth St. Matachewan Ont.

Drill Hole HL-1 drilled at 70° dip - Azimuth 090°
HL-2 drilled at 45° dip - Azimuth 090°
HL-3 drilled at 45° dip - Azimuth 270°

Drill Contractor - Lafrenier Drilling - Gige, Quebec

Fred Kiermicki

Lucl Kiermicki



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 1 of 2

Assay Certificate

7W-1440-RA1

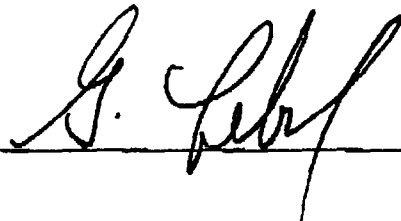
Company: **NORCAN RESOURCES LTD.**
Project: **Matachewan**
Attn: **M. Zuber**

Date: **APR-18-97**

We hereby certify the following Assay of 5 Split Core samples submitted APR-08-97 by .

Sample Number	Au g/tonne	Au oz/ton	Au Check g/tonne	Au Check oz/ton
7107	0.04	.001	-	-
7108	0.02	.001	-	-
7109	0.01	.001	-	-
7110	0.01	.001	-	-
7111	0.02	.001	-	-
7112	0.05	.001	-	-
7113	0.01	.001	-	-
7114	0.02	.001	-	-
7115	0.22	.006	0.22	.006
7116	0.03	.001	-	-
7117	0.01	.001	-	-
7118	0.02	.001	-	-
7119	0.02	.001	-	-
7120	0.01	.001	-	-
7121	0.01	.001	-	-
7122	0.01	.001	-	-
7123	0.03	.001	-	-
7124	0.04	.001	-	-
7125	0.10	.003	-	-
7126	0.08	.002	-	-
7127	0.05	.001	-	-
7128	0.02	.001	-	-
7129	0.02	.001	-	-
7130	0.05	.001	-	-
7131	0.10	.003	0.10	.003
7132	0.07	.002	-	-
7133	0.05	.001	-	-
7134	0.01	.001	-	-
7135	0.02	.001	-	-
7136	0.02	.001	-	-

One assay ton portion used.

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1922

Assaying - Consulting - Representation

Page 2 of 2

Assay Certificate

7W-1440-RA1

Company: NORCAN RESOURCES LTD
Project: Matachewan
Attn: M. Zuber

Date: APR-18-97

We hereby certify the following Assay of 55 Split Core samples submitted APR-08-97 by .

Sample Number	Au g/tonne	Au oz/ton	Au Check g/tonne	Au Check oz/ton
7137	Nil	-	-	-
7138	0.02	.001	-	-
7139	0.01	.001	-	-
7140	Nil	-	-	-
7141	0.01	.001	0.01	.001
7142	0.02	.001	-	-
7143	0.02	.001	-	-
7144	Nil	-	-	-
7145	0.01	.001	-	-
7146	0.01	.001	-	-
7147	0.01	.001	-	-
7148	Nil	-	-	-
7149	0.01	.001	0.01	.001
7150	0.01	.001	-	-
7151	0.01	.001	-	-
7152	0.01	.001	-	-
7153	0.02	.001	-	-
7154	0.01	.001	-	-
7155	Nil	-	-	-
7156	0.01	.001	-	-
7157	0.01	.001	-	-
7158	Nil	-	-	-
7159	Nil	-	-	-
7160	0.02	.001	-	-
7161	0.01	.001	0.01	.001

One assay ton portion used.

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Page 1 of 2

Assay Certificate

7W-1439-RA1

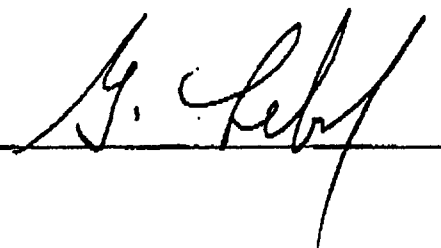
Company: **NORCAN RESOURCES LTD**
Project: **Matachewan**
Aun: **M. Zuber**

Date: **APR-18-97**

We hereby certify the following Assay of 56 Split Core samples submitted APR-08-97 by .

Sample Number	Au g/tonne	Au oz/ton	Au Check g/tonne	Au Check oz/ton
7051	0.06	.002	-	-
7052	0.02	.001	-	-
7053	0.06	.002	-	-
7054	0.10	.003	-	-
7055	0.05	.001	-	-
7056	0.03	.001	-	-
7057	0.10	.003	0.09	.003
7058	0.04	.001	-	-
7059	0.04	.001	-	-
7060	0.04	.001	-	-
7061	0.10	.003	-	-
7062	0.05	.001	-	-
7063	0.07	.002	-	-
7064	0.05	.001	-	-
7065	0.02	.001	-	-
7066	0.01	.001	0.01	.001
7067	0.01	.001	-	-
7068	0.02	.001	-	-
7069	0.02	.001	-	-
7070	0.02	.001	-	-
7071	Nil	-	-	-
7072	0.06	.002	-	-
7073	Nil	-	-	-
7074	0.06	.002	-	-
7075	0.05	.001	-	-
7076	0.06	.002	0.05	.001
7077	0.03	.001	-	-
7078	0.02	.001	-	-
7079	0.03	.001	-	-
7080	0.03	.001	-	-

One assay ton portion used.

Certified by 

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 2 of 2

Assay Certificate

7W-1439-RA1

Company: **NORCAN RESOURCES LTD**
Project: **Matachewan**
Attn: **M. Zuber**

Date: **APR-18-97**

We hereby certify the following Assay of 56 Split Core samples submitted APR-08-97 by .

Sample Number	Au		Au Check	
	g/tonne	oz/ton	g/tonne	oz/ton
7081	Nil	-	-	-
7082	0.04	.001	-	-
7083	0.01	.001	-	-
7084	0.01	.001	-	-
7085	0.02	.001	-	-
7086	0.02	.001	-	-
7087	0.02	.001	-	-
7088	0.01	.001	0.02	.001
7089	Nil	-	-	-
7090	Nil	-	-	-
7091	0.01	.001	-	-
7092	Nil	-	-	-
7093	Nil	-	-	-
7094	0.01	.001	-	-
7095	0.01	.001	-	-
7096	0.01	.001	-	-
7097	0.01	.001	-	-
7098	0.01	.001	-	-
7099	0.01	.001	-	-
7100	0.08	.002	0.06	.002
7101	0.09	.003	-	-
7102	0.05	.001	-	-
7103	0.02	.001	-	-
7104	0.01	.001	-	-
7105	0.02	.001	-	-
7106	0.03	.001	-	-

One assay ton portion used.

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300

ario

Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Transaction Number (office use)
W 9780.00275
Assessment Files Research Imaging

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

For more information on the Mining Act, the Questions about 933 Ramsey Ls



2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, the assessment work and correspond with the mining land holder. Ministry of Northern Development and Mines, 6th Floor,

Instructions.

Please type or print in ink.

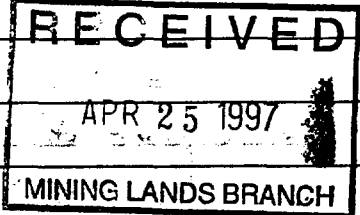
900

claim, use form 0240.

2.17324

1. Recorded holder(s) (Attach a list if necessary)

Name NORCAN RESOURCES LTD.	Client Number 301193 *
Address SUITE 1500, 789 WEST PENDER ST.	Telephone Number 604-681-3343
VANCOUVER, BC, V6C-1H2	Fax Number 604-681-3347
Name	Client Number
Address	Telephone Number
	Fax Number



2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

- Geotechnical: prospecting, surveys, assays and work under section 18 (regs) Physical drilling, stripping, trenching and associated assays Rehabilitation

Work Type DIAMOND DRILLING HYDROLIC DRILL B.C. CORE	Office Use
	Commodity
	Total \$ Value of Work Claimed 25042
Dates Work Performed From 31st March 97 To 09 04 97	NTS Reference
Global Positioning System Data (if available)	Mining Division Larder Lake
Township/Area POWELL TWP.	Resident Geologist District "Kirkland"
M or G-Plan Number G32-18	

- Please remember to:
- obtain a work permit from the Ministry of Natural Resources as required;
 - provide proper notice to surface rights holders before starting work;
 - complete and attach a Statement of Costs, form 0212;
 - provide a map showing contiguous mining lands that are linked for assigning work;
 - include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name FRED KIERNICKI	Telephone Number 705-567-4858
Address Box 1143 KIRKLAND LAKE ONT.	Fax Number same as above
Name BJ. MCKAY LTD.	Telephone Number 705-235-3531
Address P.O. Box 219 Porcupine	Fax Number
Name DMT. PONTICO	Telephone Number
Address	Fax Number

RECEIVED
97 APR 9 AM 11 51
MINING DIVISION
LARDER LAKE

4. Certification by Recorded Holder or Agent

I, **FRED KIERNICKI**, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>Fred Kiernicki</i>	Date April 9/97
Agent's Address Box 1143 Kirkland Lake Ont	Telephone Number 705-567-4858
	Fax Number same

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous to the mining land where work was performed, at the time work was performed. A map showing the contiguous mining land must accompany this form.

Information collected under the Mining Act, the Mining Landholder Questionnaire, 6th Floor, 933 Ramsay

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank Value to be distributed at a future date.
eg TB 7827	16 ha	\$26,825	N/A	\$24,000	\$2,825
eg 1234567	12	\$24,000	\$24,000	0	0
eg 1234568	2	\$8,892	\$4,000	0	\$4,892
8000 0501 ✓ (18393) MR 9915	12.262 ha	10681.00		10,000	681.00
80020 652 ✓ (18054) MR 8107	12.950 ha	14361.00		10,000	4361.00
✓ 3 L1223272			3200.00		
✓ 4 L1223273			400.00		
✓ 5 L1223274			400.00		
✓ 6 L1223277			2460.00		
✓ 7 L1223280			3200.00		
✓ 8 L1223282			2800.00		
✓ 9 L1223289			2400.00		
✓ 10 L1223299			800.00		
✓ 11 L1223300			400.00		
✓ 12 L1223301			1600.00		
✓ 13 L1223302			400.00		
✓ 14 L1223365 L1212001			800.00 400.00		
✓ 15 L1212002 L1212003			400.00 400.00		
Column Totals		25042.00	20,600	20,000	5042.00

Original
 05/25/97

I, FRED KIERNICKI do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing: [Signature] Date: April 9/97

6. Instructions for cutting back credits that are not approved.

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix as follows (describe)

2.17324

RECEIVED

APR 25 1997

MINING LANDS BRANCH

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp: RECEIVED

Deemed Approved Date: 9.7 July 8

Date Notification Sent: _____

Date Approved: _____

Total Value of Credit Approved: _____

MINING DIVISION

Bank Value to be distributed at a future date
 \$2,825
 Jus Contingent

Information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
DIAMOND DRILL BQ.	335 M	59.10 M	\$ 19,799.00
PROJECT MANAGEMENT	# 9 days	250.00 day	\$ 2,250.00
SPLIT CORE	16 hrs.	15 hr. (15.00 hr.)	\$ 240.00
2.17324			
Associated Costs (e.g. supplies, mobilization and demobilization).			
Logging - Reports - Maps.	40.00 hr.		\$ 1,643.20
Spitter rental + facilities			250.00
Core storage			300.00
Transportation Costs			
1/2 ton truck	8 days	50.00 day	400.00
Food and Lodging Costs			
	8 days Meals	20.00 day	160.00
Total Value of Assessment Work			25,042.20

RECEIVED
 APR 25 1997
 MINING LANDS BRANCH

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

Note:

- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, FRED KIERNICKI (please print full name), do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Agent I am authorized (recorded holder, agent, or state company position with signing authority) to make this certification.

Signature: [Signature] Date: 11/11/97

August 21, 1997

NORCAN RESOURCES LTD.
SUITE 1500
789 WEST PENDER STREET
VANCOUVER, B.C.
V6C-1H2

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5863

Dear Sir or Madam:

Submission Number: 2.17324

Status

Subject: Transaction Number(s): W9780.00275 Approval After Notice

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in **DUPLICATE** to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jerome_l@torv05.ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,



ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.17324

Date Correspondence Sent: August 21, 1997

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9780.00275	9915	POWELL	Approval After Notice	August 12, 1997

Section:

10 Physical PDRILL

The revisions outlined in the Notice dated June 27, 1997, have been corrected.

Assessment work credit has been approved as outlined on the attached Distribution of Assessment Work Credit sheet to better reflect where the work was performed.

Correspondence to:

Resident Geologist
Kirkland Lake, ON

Recorded Holder(s) and/or Agent(s):

FRED JR. KIERNICKI
KIRKLAND LAKE, ONTARIO, CANADA

Assessment Files Library
Sudbury, ON

NORCAN RESOURCES LTD.
VANCOUVER, B.C.

Distribution of Assessment Work Credit

The following credit distribution reflects the value of assessment work performed on the mining land(s).

Date: August 21, 1997

Submission Number: 2.17324

Transaction Number: W9780.00275

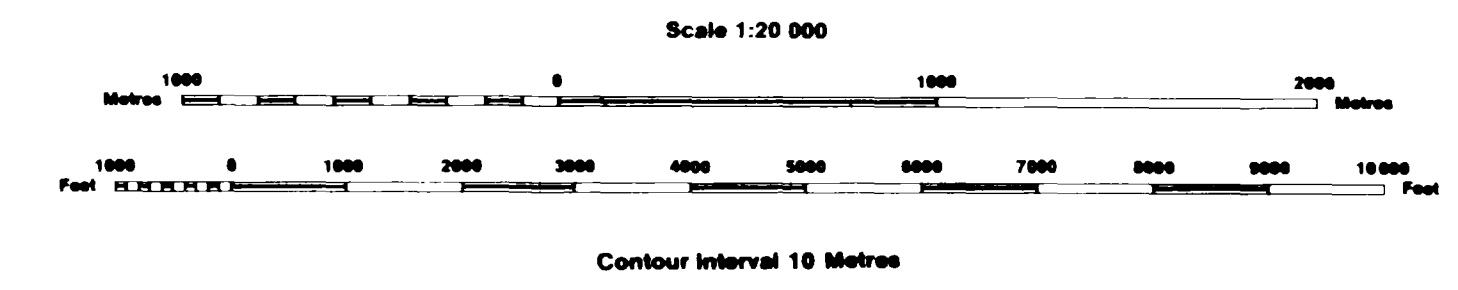
<u>Claim Number</u>	<u>Value Of Work Performed</u>
MR9915	7,000.00
MR8107	18,042.00
	<hr/>
Total: \$	25,042.00

INDEX TO LAND DISPOSITION

PLAN
 G-3218
 TOWNSHIP
 POWELL

M.N.R. ADMINISTRATIVE DISTRICT
 KIRKLAND LAKE
 MINING DIVISION
 LARDER LAKE
 LAND TITLES/REGISTRY DIVISION
 TIMISKAMING

200



AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
 SRO - Surface Rights Only
 M + S - Mining and Surface Rights

Description	Order No.	Date	Disposition	File
①	W-L-18/95	MAR 30/95	M+S	
②	W-L-19/95	MAR 30/95	M+S	
③	W-L-20/95	MAR 30/95	M+S	

SYMBOLS

Boundary	
Township, Meridian, Baseline	—
Road allowance, surveyed	—
shoreline	—
Lot/Concession, surveyed	—
unsurveyed	—
Parcel, surveyed	—
unsurveyed	—
Right-of-way, road	—
railway	—
utility	—
Reservation	—
Cliff, Pit, Pile	—
Contour	—
Interpolated	—
Approximate	—
Depression	—
Control point (horizontal)	—
Flooded land	—
Mine head frame	—
Pipeline (above ground)	—
Railway, single track	—
double track	—
abandoned	—
Road, highway, county, township	—
access	—
trail, bush	—
Shoreline (original)	—
Transmission line	—
Wooded area	—

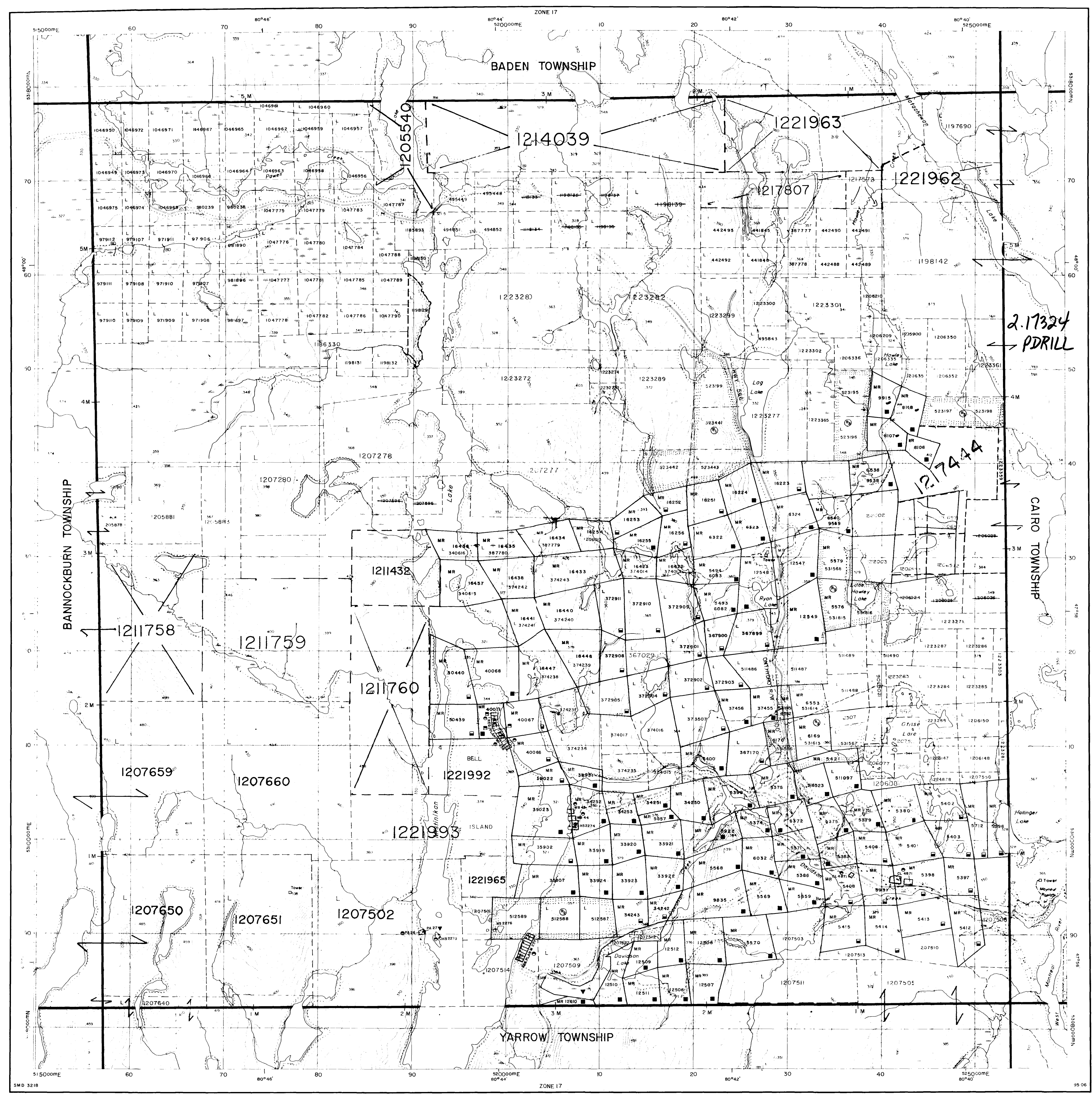
NOTES

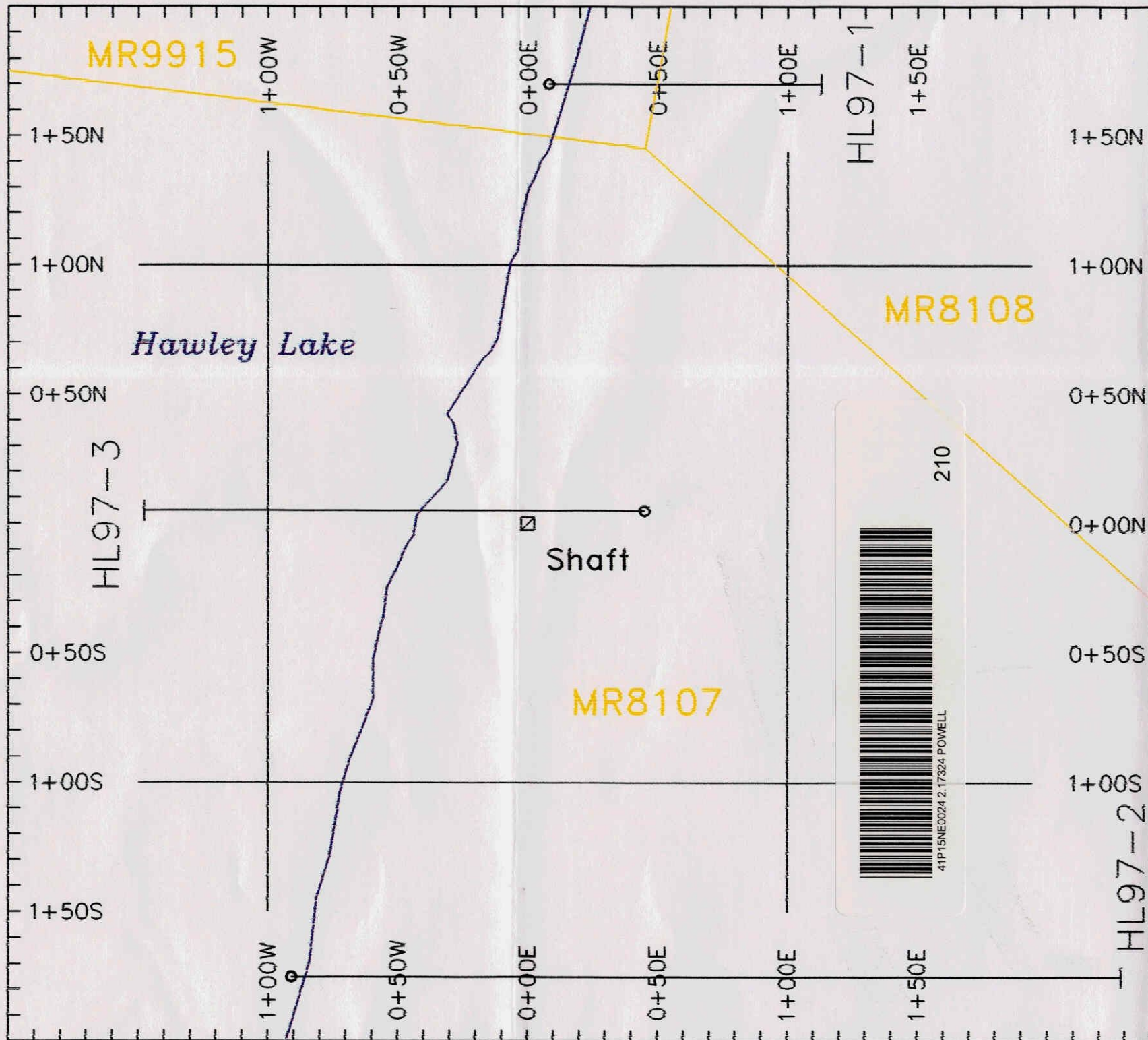
L.O. 7601 COVERS FLOODING RIGHTS IN THIS TOWNSHIP TO CONTOUR
 870 TO ONTARIO HYDRO FILE 12290 VOL. 2.

2.17324

DISPOSITION OF CROWN LANDS

Patent	
Surface & Mining Rights	●
Surface Rights Only	○
Mining Rights Only	○
Lease	
Surface & Mining Rights	■
Surface Rights Only	□
Mining Rights Only	□
Licence of Occupation	▼
Order-in-Council	OC
Cancelled	○
Reservation	○
Sand & Gravel	○





2.17324



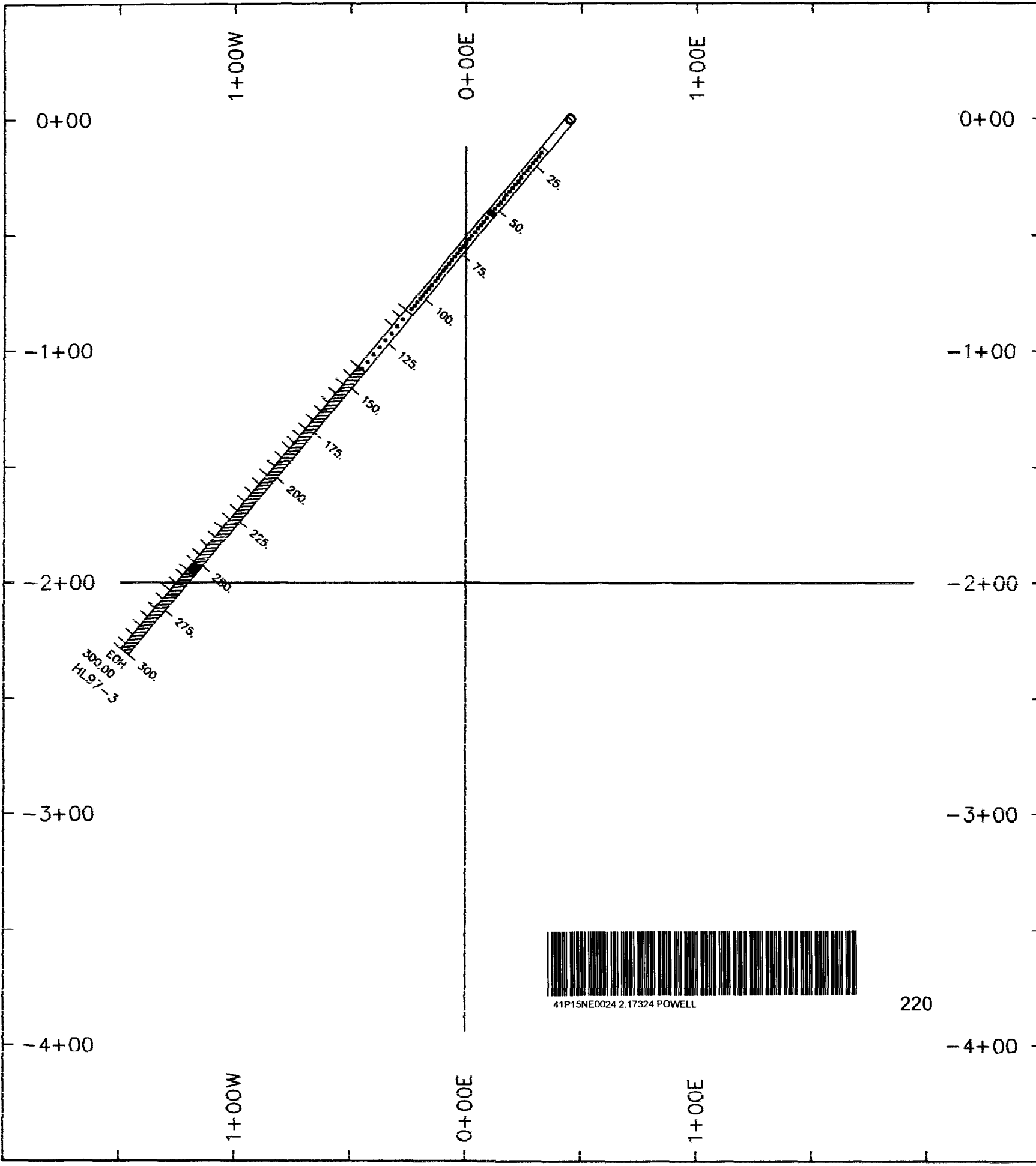
RECEIVED
 APR 25 1997
 MINING LANDS BRANCH

SCALE 1"=50'




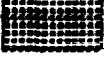
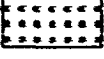


FEET

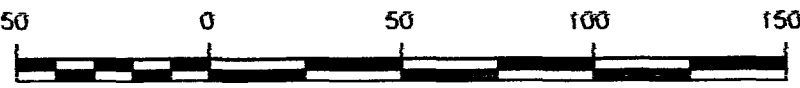
HAWLEY LAKE	
Diamond Drill Holes	
PLAN VIEW: 1997	REV. NO
Scale 1:50	DATE
NORCAN RESOURCES	



LEGEND

-  CAS CASING
- ROCK CODES**
-  SEDIMENTS
-  GRANITE
-  DIABASE
-  FELSIC INTRUSIVE

SCALE 1"=50'



FEET

HAWLEY LAKE

0+05N

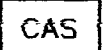

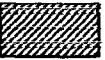


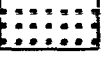
Cros-Section	REV. NO
Scale 1:600	DATE

NORCAN RESOURCES

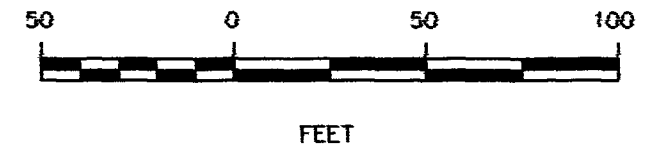
220

2.17324

LEGEND

-  CAS CASING
-  ROCK CODES
-  SEDIMENTS
-  GRANITE
-  DIABASE
-  FELSIC INTRUSIVE

SCALE 1"=50'



HAWLEY LAKE

1+70N

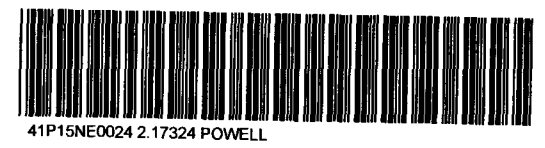
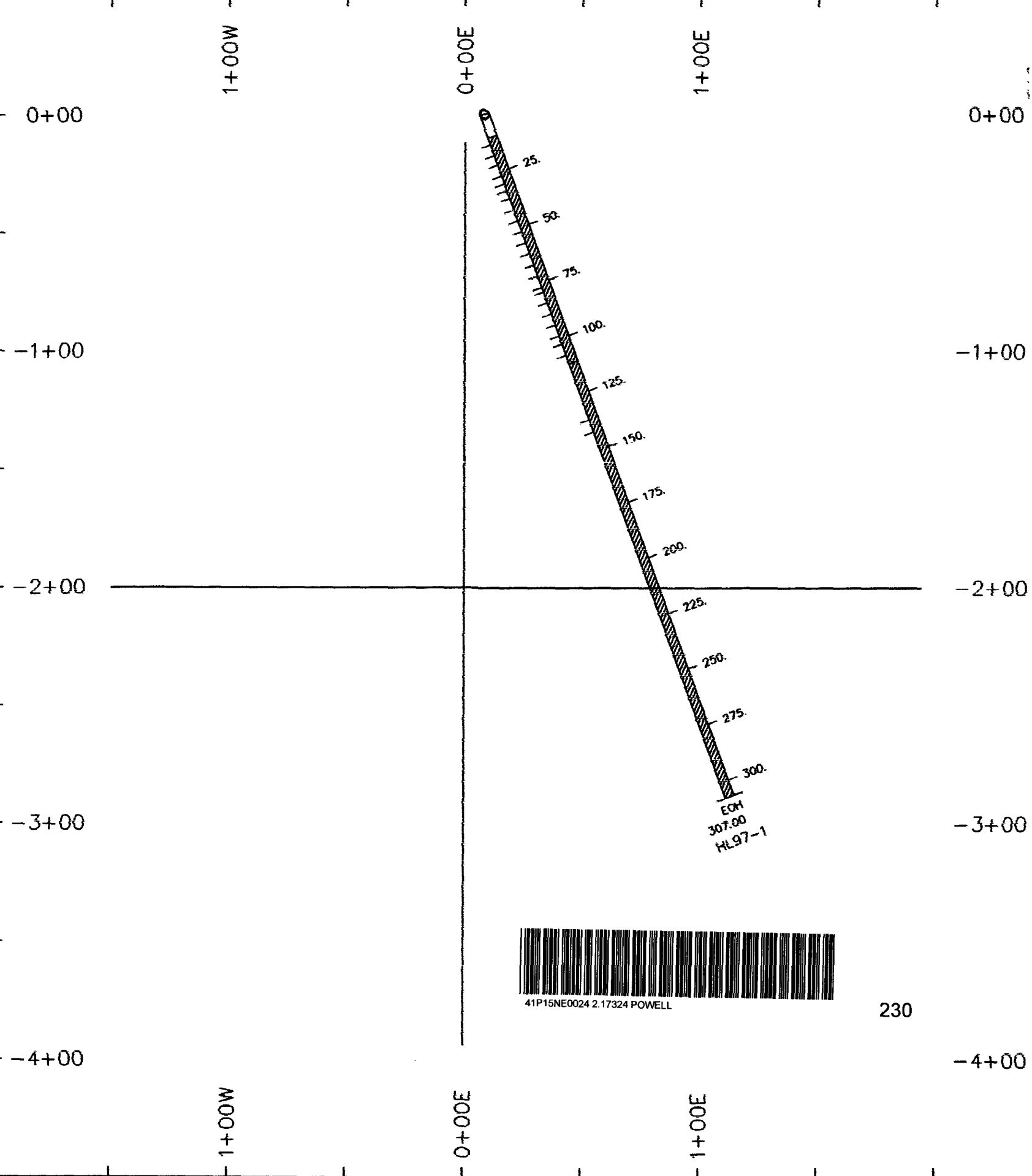
Cros-Section

REV. NO

Scale 1:600

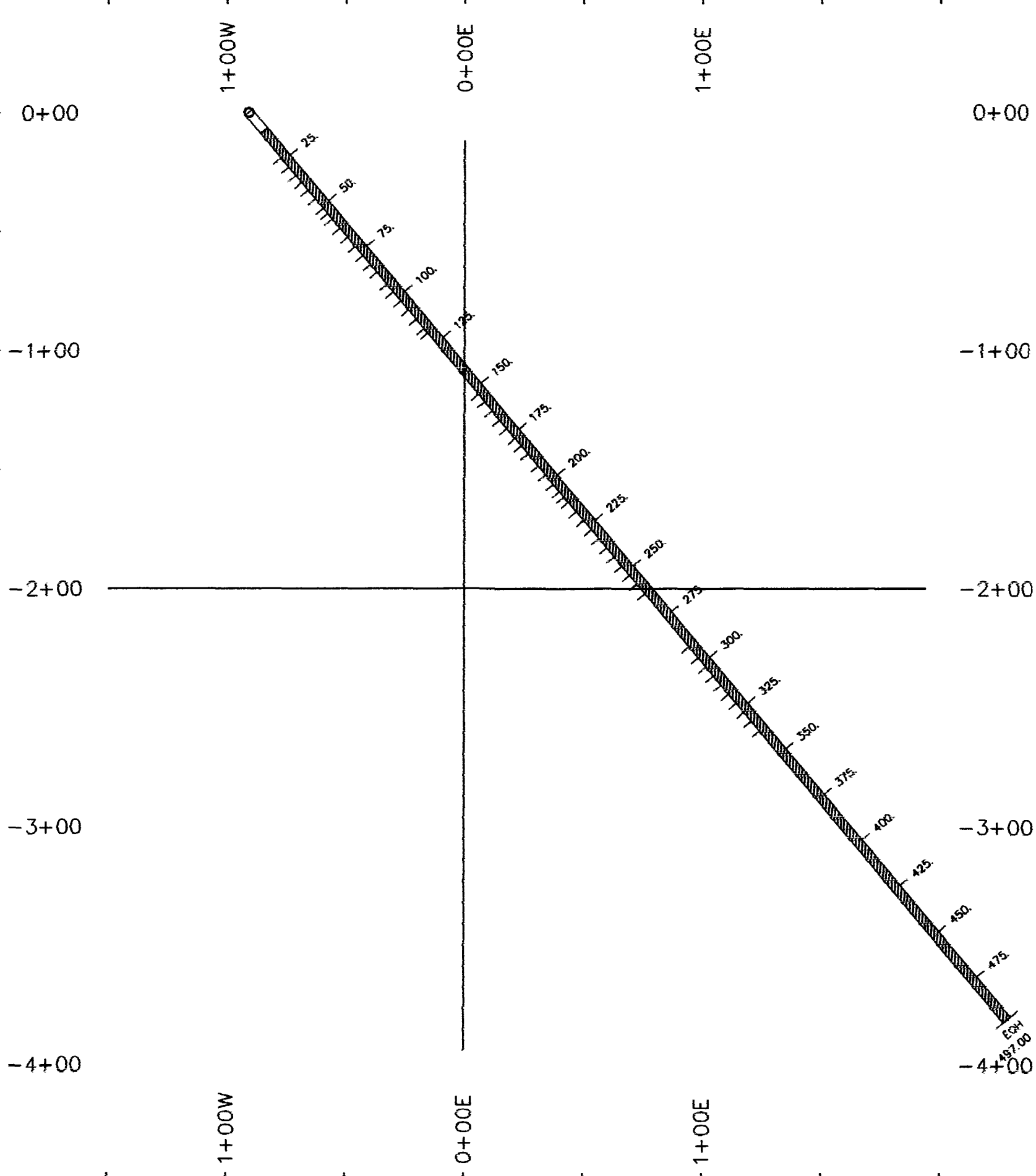
DATE

NORCAN RESOURCES






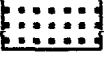


230

2.17324



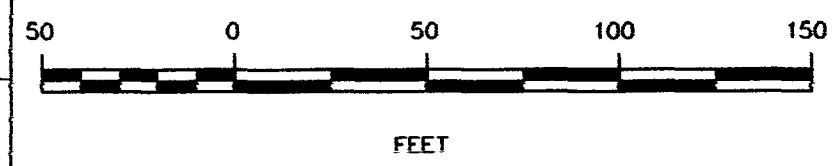
LEGEND

-  CAS CASING
-  ROCK CODES
-  SEDIMENTS
-  GRANITE
-  DIABASE
-  FELSIC INTRUSIVE



240

SCALE 1"=50'



HAWLEY LAKE

1+75S

Cros-Section

REV. NO

Scale 1:600

DATE

NORCAN RESOURCES