



52F05SE0115 25 ROWAN LAKE

010

DIAMOND DRILLING

AREA: ROWAN LAKE

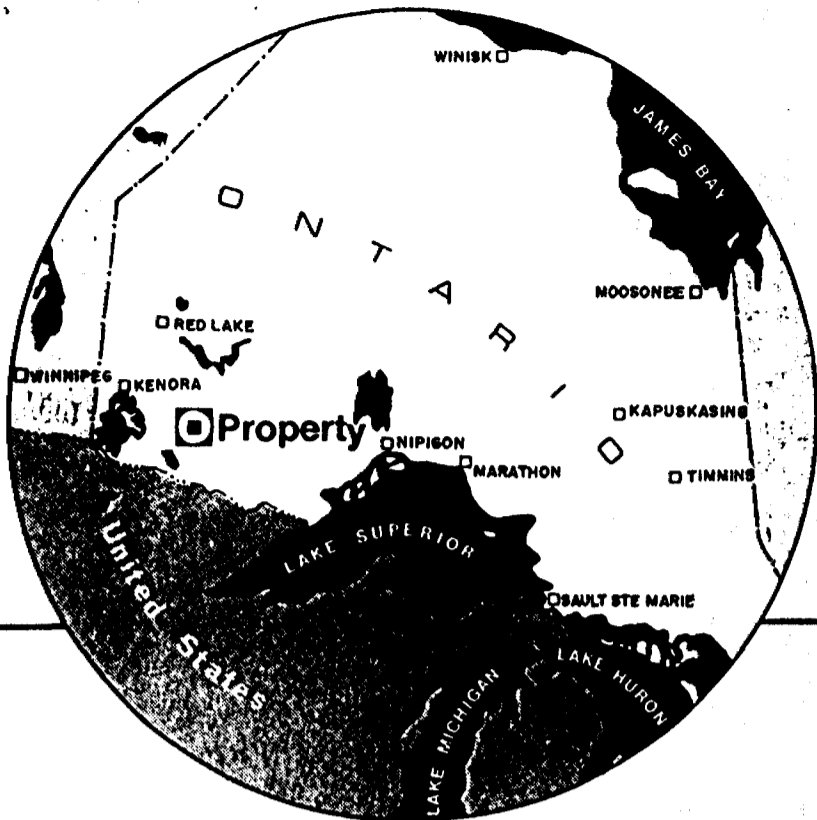
REPORT No.: 25

WORK PERFORMED BY: NOLAN LAKE EXPLORATION INCORPORATED

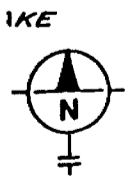
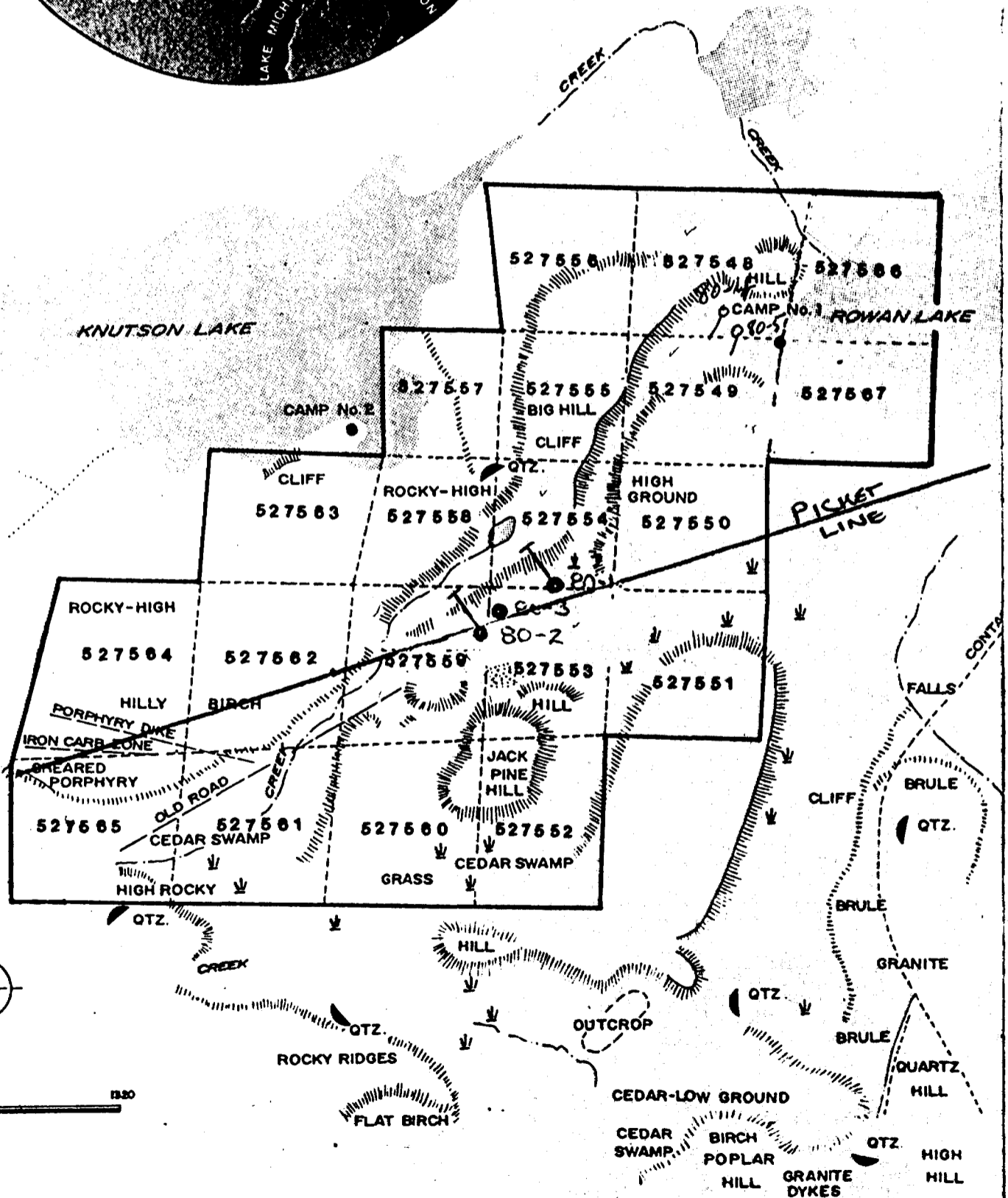
<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
K 527554	80-1	347.0	Jan./80	(1)
K 527559	80-2	452.0	Feb./80	(1)
K 527553	80-3	88.0	Feb./80	(1)
K 527548	80-4	285.0	May/80	(2)
	80-5	116.0	May/80	(2)
K 527549	80-5A	201.0	Feb/81	(3)
	81-1	151.0	Feb/81	(3)
	81-2	150.0	Feb/81	(3)
	81-3	158.0	Feb/81	(3)
	81-4	450.0	Mar/81	(3)
	81-5	150.0	Mar/81	(3)
K 527553	81-6	153.0	Mar/81	(3)
	81-12	153.0	Mar/81	(3)
K 527559	81-7	153.0	Mar/81	(3)
	81-8	163.0	Mar/81	(3)
	81-10	193.0	Mar/81	(3)
	81-11	153.0	Mar/81	(3)
	81-14	153.0	Mar/81	(3)
	81-15	173.0	Mar/81	(3)

3842'

NOTES: (1) # 12-80
(2) # 49-80
(3) # 43-81



APRIL 1979.



K 527554

DIAMOND DRILL HOLE 80-1

LOCATION: ROWAN LAKE PROPERTY

LATITUDE: Line 4+00 E BEARING: N 20° W
 DEPARTURE: 2+50 N ANGLE DIP: -49°
 neg. @ 330'

STARTED: Jan.15/80
 FINISHED: Feb.5/80
 LOGGED BY: F.T. Archibald

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH	AU oz/ton
0	25.0	<u>Casing</u> - sand overburden, odd small boulder			
25.0	171.0	<u>Int.-Basic Metavolcanics- Andesite- fine grained, massive</u> - slight to moderate chloritization (gradational); slight porphyritic texture (feldspar phenocrysts); grey-green colour - low quartz-carbonate stringers @ 30° to 60° to core axis 25.2-26.0- carbonate stringers @ 20° to core axis @ 36.2- 1/2" amphibole seam @ 20° to core axis 41.0-44.0- quartz-carbonate stringers @ 10-30° to core axis; brecciated SAMPLE @ 49.0- 3" quartz seam @ 30° to core axis 98.0-100.0- Quartz-carbonate stringers; banding @ 40-65° to core axis with odd cube pyrite SAMPLE 104.0-105.0- quartz-carbonate stringers; banding @ 60° to core axis @ 105.0- 1" quartz stringer @ 50° to core axis; non mineralized @ 115.0- 1/2" " " " @ 45° " " @ 116.0- 1/2" " " " @ 45° " " @ 122.0- 2" " " " @ 35° " " @ 132.0- 2.5" " " " @ 35° " " 139.0-146.0- porphyritic texture of amphibole phenocrysts (medium grained) @ 163.4- 1" quartz stringer @ 45° to core axis 167.5-171.0- moderately chloritic; porphyritic texture of amphibole phenocrysts (medium grained) SAMPLE			
171.0	186.3	<u>Quartz-Feldspar Porphyry</u> - grey-green colour; less than 10% phenocryst content (fine-medium grained) -less than 1% disseminated pyrite/chalcopyrite			

DIAMOND DRILL HOLE 80-1

LOCATION:

LATITUDE:
DEPARTURE:BEARING:
ANGLE DIP:STARTED:
FINISHED:
LOGGED BY:

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH	Au oz/ton
186.3	190.0	@ 179.4- brecciated/sheared SAMPLE 171.0-176.0 181.3-186.3 Quartz-Carbonate Shearing- 186.3-188.2- brecciated 189.0-190.0- quartz-carbonate shearing @ 40° to core axis; less than 1% disseminated pyrite.			
190.0	197.0	SAMPLE 186.3-190.3 <u>Intermediate Metavolcanics-Andesite</u> - grey/green colour -fine grained, massive -slight to moderate chloritization 190.0-192.5- porphyritic texture of amphibole phenocrysts (medium grained)			
197.0	234.0	<u>Quartz-Feldspar Porphyry</u> - with fine to medium grained phenocrysts. 197.0-205.5-grey/green colour. SAMPLE @204.0- 3" quartz-carbonate stringer @ 35° to core axis with low seam pyrite 205.0-234.0- light grey/green colour-cherty matrix less than 1% pyrite; less than 10% phenocrysts 208.0-209.0- coarse grained phenocrysts. 209.0-210.5- quartz-carbonate stringers @ 45° to core axis 210.5-217.5- 5-15% phenocryst content.			
234.0	316.0	<u>Felsic to Intermediate Metavolcanics- Tuff</u> - cherty -massive; fine grained, grey colour; less than 1% disseminated pyrite cube; odd porphyritic seam; banding @ 45-70° to core axis. @242.5- porphyritic seam @243.0- " " 244.0-245.0- " @ 246.5- porphyritic seams (1/8") @ 10° to c.axis			

DIAMOND DRILL HOLE 80-1

LOCATION:

LATITUDE:
DEPARTURE:

BEARING:
ANGLE DIP:

STARTED:
FINISHED:
LOGGED BY:

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH	Au oz/ton			
		252.0-264.5- dark grey colour, fine granular texture.						
		262.0-264.5- siliceous fracturing with bleb pyrrhotite/pyrite (blebs to 4 mm.)						
		269.0-273.0- slight quartz-carbonate shearing						
		@ 276.0- 1/2" quartz seam @ 45° to core axis						
		284.0-293.5- grey/green colour- slightly/high chloritic						
		307.0-309.3- gradational (to greater mafic content).						
		309.3-311.8- <u>Lamprophyre Dyke</u> - with biotite phenocrysts (fine to medium grained) @ 60-70° to core axis						
316.0	347.0	<u>Intermediate Metavolcanics- Andesite</u> - fine-medium grain - massive						
		@318.5- porphyritic texture						
		@320.0- 3/4" quartz seam (non mineralized)						
		325.0-346.0- moderately to highly chloritic						
		346.0-347.0- sandseam						
	347.0	<u>End of Hole</u>						

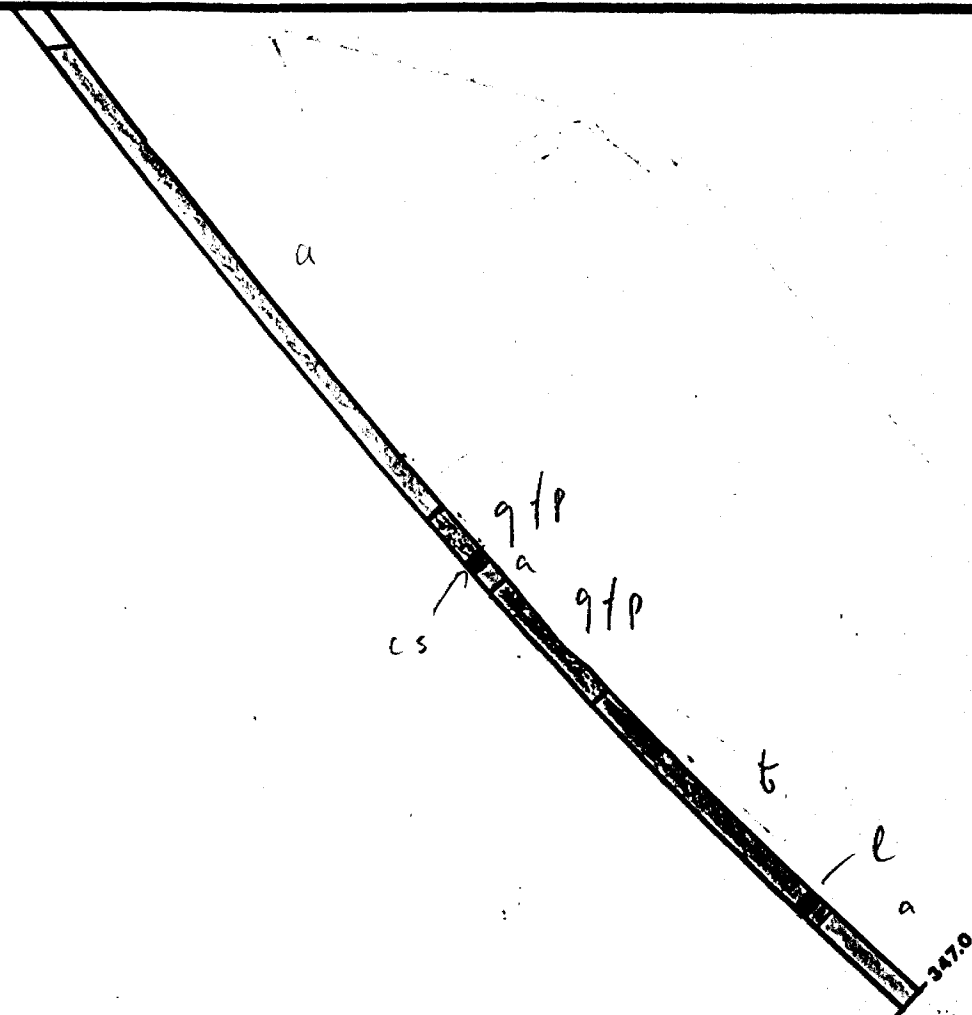
P. S. Archibald

S







-49°

SURFACE

N



LEGEND

-  **quartz-feldspar porphyry**
-  **andesite**
-  **tuff**
-  **gabbro**
-  **lamprophyre**
-  **carbonate shearing**

D.H. 80-1 Drill Section

NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 inch : 50 feet

CWA 1980

G.T. Archibald

K 527559

DIAMOND DRILL HOLE 80-2

LATITUDE: Line 3+30 West BEARING: N 20° W
 LOCATION: ROWAN LAKE PROPERTY DEPARTURE: 2+00 South ANGLE DIP: -45°

STARTED: Feb. 8, 1980
 FINISHED: Feb. 22, 1980
 LOGGED BY: F. T. Archibald

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH	OZ. Au /ton			
0	12.0	<u>Casing</u>						
12.0	133.7	<u>Intermediate Metavolcanics- Andesite- grey colour, massive</u> - fine grained, fine carbonate/silica fracturing @ 50-90° to core axis 12.0-31.0- odd rusty seam 12.0-21.5- fine speck disseminated pyrite (to 20%, averaging 5%) SAMPLE 21.5- 31.0- fine speck disseminated pyrite (less than 5%), odd dark siliceous section. SAMPLE 32.0-34.5- slightly siliceous 39.5-43.0- shattered (ground) 48.5-56.0- fine speck disseminated pyrite (less 5%) SAMPLE 48.5-48.7- siliceous (grey) 50.0-51.0- siliceous (grey) 60.5-63.5- fine disseminated cube/seam pyrite - quartz/carbonate stringers @ 50° to core axis SAMPLE 81.0-86.5- disseminated pyrite cube (less than 3%) SAMPLE 90.0-95.0- fine disseminated speck pyrite SAMPLE 97.5-105.0- fine disseminated speck pyrite (less 3%) SAMPLE 127.5-129.0- porphyritic texture of medium grained feldspar phenocrysts/laths						
133.7	137.5	<u>Quartz-Feldspar Porphyry- phenocrysts up to 2mm.</u>						
137.5	185.0	<u>Intermediate Metavolcanic- Tuff- grey colour, cherty</u> texture, fine grained, massive 137.5-151.0- moderate quartz-carbonate shearing @ 45-60° core axis						

DIAMOND DRILL HOLE

LOCATION:

LATITUDE:
DEPARTURE:

BEARING:
ANGLE DIP:

STARTED:
FINISHED:
LOGGED BY:

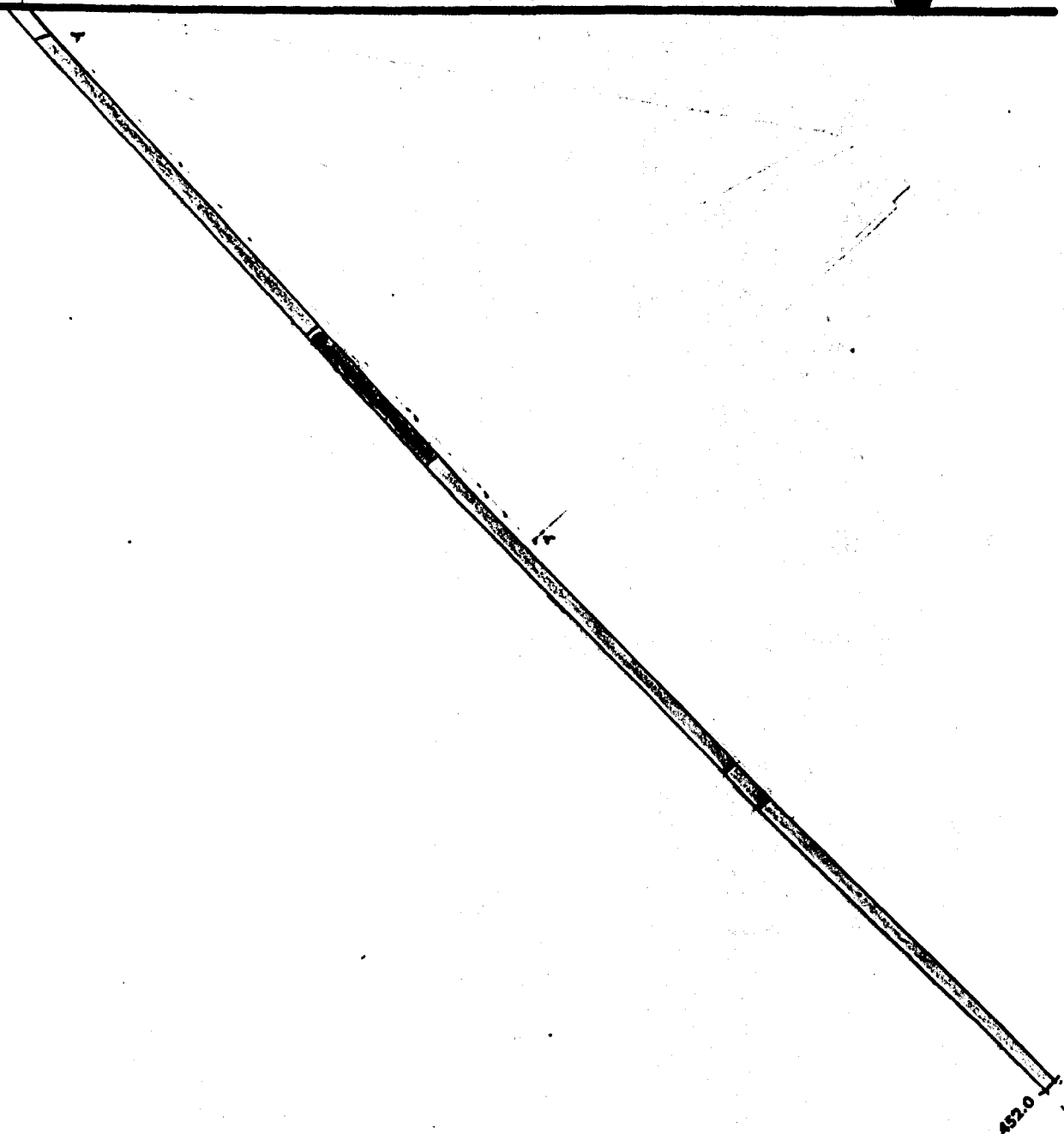
FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH	oz/Au ton		
	452.0	<p>338.0-340.6- quartz vein @ 70° to core axis with chloritic sections SAMPLE 340.6-341.5- banding @ 70° to core axis @ 345.3- ½" quartz seam @ 90° to core axis 346.0-347.0- banding @ 40° to core axis 359.0-361.0- banding @ 45° to core axis @ 384.0- slight porphyritic texture 386.0-386.7- siliceous fracturing 387.0-452.0- massive, fine grained</p> <p><u>END OF HOLE</u></p>	80212	2.6'			

J.P. Archibald







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SURFACE

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LEGEND

-  **quartz-feldspar porphyry**
-  **andesite**
-  **tuff**
-  **gabbro**
-  **lamprophyre**
-  **carbonate shearing**

D.H. 80-2 Drill Section

NOLAN LAKE EXPLORATIONS INC.

J. D. Archibald

SCALE - 1 inch : 50 feet

CWA 1980

K 527553

PAGE: 1 of 1

DIAMOND DRILL HOLE 80-3

LOCATION: Rowan Lake Property
 LATITUDE: Line 1+00 West BEARING: Vertical
 DEPARTURE: 00+20 north ANGLE DIP: Vertical

STARTED: Feb. 23, 1980
 FINISHED: Feb. 28, 1980
 LOGGED BY: F.T. Archibald

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH	OZ/Au ton		
0	5.0	<u>Casing</u>					
5.0	88.0	<u>Basic-Acidic Metavolcanics- ANDESITE-</u> - massive, fine grained, grey colour fracturing @ 30-40° & 70-90° to core axis					
		5.0-11.0- acidic rich, low quartz-carbonate fracture @ 30° & 80° to core axis	SAMPLE 8031	6.0'			
		9.0-10.0- siliceous rich (grey colour)					
		11.0-20.0- acidic-intermediate rich, slight siliceous sections, odd iron stained seams	SAMPLE 8032	9.0'			
		@ 18.0- 1" grey quartz seam @ 90° to core ax.					
		@ 21.0- ½" quartz seam @ 90° to core axis					
		30.5-35.0- disseminated pyrite cube (less than 2%)	SAMPLE 8033	4.5'			
		@ 33.0- 1" grey quartz seam @ 90° to core ax.					
		35.0-40.0- odd speck/cube pyrite	SAMPLE 8034	5.0'			
		35.0-37.0- banding @ 30° to core axis with odd pyrite/silica seam, schistose					
		53.0-57.0- low disseminated pyrite cube/seam - siliceous rich	SAMPLE 8035	4.0'			
		59.0-65.0- siliceous, banded @ 30° to core axis - 2-3% disseminated pyrite cube/seam	SAMPLE 8036	6.0'			
		59.0-62.0- talcose/schistose					
		74.0-88.0- schistose, iron stained fracturing					
		74.0-77.0- low disseminated pyrite	SAMPLE 8037	3.0'			
		@ 75.0- ½" quartz seam @ 20° to C.A.					
		@ 87.0- alignment of phenocrysts (elongation) @ 20° to core axis					
	88.0	<u>END OF HOLE</u> - cave & sand seam- lost hole					

F.T. Archibald

S

SURFACE

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LEGEND

- quartz-feldspar porphyry
- andesite
- tuff
- gabbro
- lamprophyre
- carbonate shearing

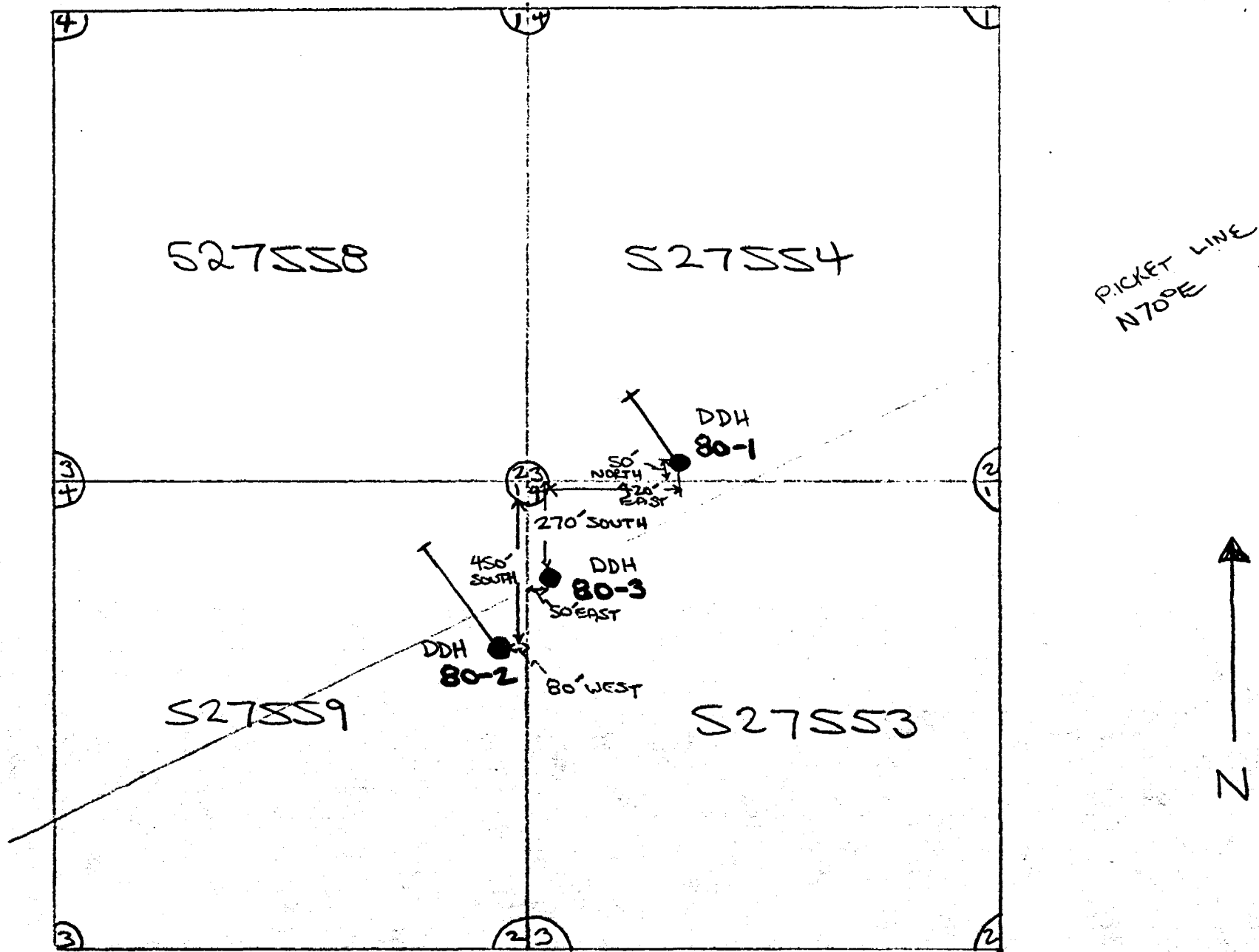
**D.H. 80-3
Drill Section**

NOLAN LAKE EXPLORATIONS INC.

P.J. Archibald

SCALE - 1 inch : 50 feet

CWA 1980



SCALE

1" = 400'

NOLAN LAKE EXPLORATIONS INC.

DIAMOND DRILL HOLE 80-4

LOCATION: Rowan Lake N.W. Ont
 LATITUDE: L 38+00 E
 DEPARTURE: 22+50 N

BEARING: N 180° E
 ANGLE DIP: 45°
 -39° @ 285.0

STARTED: May 28, 1980
 FINISHED: June 8, 1980
 LOGGED BY: F.T. Archibald

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH	Au oz/ton
0	7.0	<u>CASING</u>			
7.0	23.0	<u>DIORITE</u> - medium grained, mosaic pattern of laths - 50% plagioclase feldspar, 50% altered mafics 12.0-17.0- slightly to moderately chloritic (greater with depth) 13.0-15.0- <u>Intermediate to Basic Metavolcanics</u> 16.0-17.0- <u>Intermediate to basic Metavolcanics</u> 17.0-171.0- highly chloritic			
23.0	40.0	<u>Intermediate Metavolcanics- TUFF</u> - fine grained, green-grey colour - banded @ 45° to core axis 23.5-27.0- low disseminated pyrite 27.0-30.0- siliceous banding @ 45° to C.A. 31.0-34.0- siliceous banding @ 45° to C.A.	SAMPLE 8041 SAMPLE 8042	3.5' 3.0'	0.01 0.005
40.0	52.5	<u>DIORITE</u> - medium grained, green colour (med.) 48.5-49.5- low disseminated pyrite 51.0-51.6- low disseminated pyrite cube @ 52.0- 1/2" felsic seam @ 45° to core axis @ 52.5- 2" quartz vein (non mineralized)			
52.5	82.0	<u>Intermediate to Basic Metavolcanics- TUFF</u> - fine grained, green colour, siliceous fracturing @ 30° & 50° to core axis 52.5-67.5- <u>Interbedded TUFF-DIABASE</u> @ 54.5- 2" quartz vein @ 45° to core axis @ 60.6- 1" quartz vein @ 30° to core axis 60.6-63.0- <u>Altered DIABASE</u> - medium grained 66.0-67.5- <u>Altered Diabase</u> - medium grained 67.5-77.5- porphyritic texture, banded @ 45° to C.A. 71.2-72.5- low disseminated pyrite with siliceous seams 76.0-77.0- low disseminated pyrite @ 80.3- low disseminated pyrite	SAMPLE 8043	1/3'	0.01

650' S.E. TO POST #2
CLAIM 527548

DIAMOND DRILL HOLE 80-4

LOCATION:

LATITUDE:
DEPARTURE:

BEARING:
ANGLE DIP:

STARTED:
FINISHED:
LOGGED BY:

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH	AU oz/ton
82.0	91.0	@ 79.0- 1/2" quartz vein @ 55° to core axis <u>ALTERED DIORITE</u> - medium grained, slight to moderately chloritic, fine siliceous shear/fract.			
91.0	209.0	<u>INT.- BASIC METAVOLCANICS- TUFF</u> - fine grained - dark grey colour - banded sections @ 45° 105.5-116.0- <u>Altered DIABASE</u> - 118.0-123.0- <u>Altered DIABASE</u> - 124.5-128.0- <u>Altered DIABASE</u> - @ 142.5- low disseminated pyrite 144.7-149.0- low disseminated pyrite in siliceous shearing/banding @45° <u>SAMPLE</u> (slightly porphyritic) 152.0-153.0- low disseminated pyrite cube 155.0- 156.0- low disseminated pyrite cube 159.0-159.6- siliceous seams with low pyrite 171.0-191.0- <u>QUARTZ-FELDSPAR PORPHYRY</u> - altered 171.0-181.0- alteration zone, banded @ 45° to C.A. low disseminated pyrite cube 171.0-180.0- oxidized seams <u>SAMPLE</u> 171.0-174.0- siliceous 180.0-182.0- disseminated pyrite cube/seam <u>SAMPLE</u> 182.0-191.0- siliceous <u>SAMPLE</u> 190.0-191.0- low disseminated pyrite cube 191.0-209.0- Basic rich, slightly chloritic <u>QUARTZ-FELDSPAR PORPHYRY</u> - grey colour , fine-medium grained phenocrysts - Intermediate rich	8044	4.3'	0.01
209.0	285.0	<u>QUARTZ-FELDSPAR PORPHYRY</u> - grey colour , fine-medium grained phenocrysts - Intermediate rich	8045	9.0'	0.005
	285.0	<u>END OF HOLE</u>	8046	2.0'	0.10
			8047	9.0'	0.02

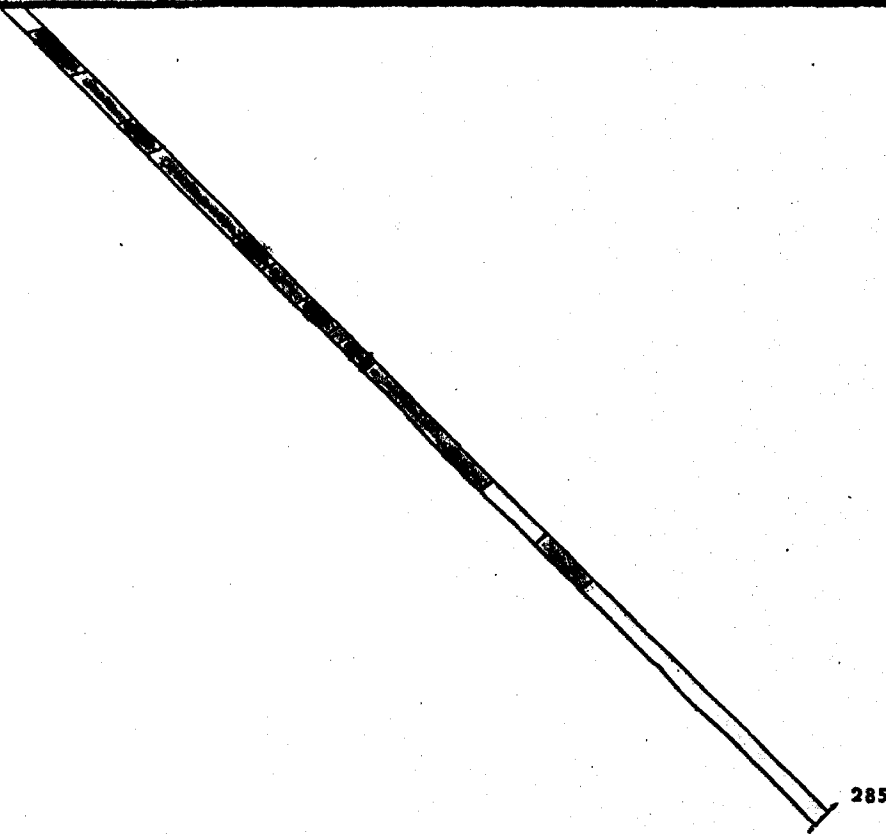
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

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SURFACE

S



LEGEND

-  quartz-feldspar porphyry
-  andesite -
-  tuff
-  gabbro - diorite
-  lamprophyre
-  carbonate shearing
-  diabase

D.H. 80-4 Drill Section

NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 inch : 50 feet

R.S. Archibald CWA 1980

400' EAST TO POST #2
CLAIM S27548

PAGE: 1 of 1

NOLAN LAKE EXPLORATIONS INC.
DIAMOND DRILL HOLE 80-5

LOCATION: ROWAN LAKE PROPERTY

LATITUDE: L 39+00 E
DEPARTURE: 20+00 N

BEARING: Due south
ANGLE DIP: - 45°

STARTED: May 18, 1980
FINISHED: May 28, 1980
LOGGED BY: F.T. Archibald

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH	Au oz/ton		
0	17.4	<u>CASING-</u>					
17.4	19.2	<u>QUARTZ-FELDSPAR PORPHYRY-</u> fine-medium grained phenocryst - grey colour, white/buff pheno.					
19.2	21.0	<u>INTERMEDIATE METAVOLCANICS-</u> fine grained - light green colour					
21.0	116.0	<u>QUARTZ-FELDSPAR PORPHYRY-</u> fine-medium grained phenocrysts -grey colour @22.0- disseminated pyrite seamlet @26.6- 1" quartz veinlet @ 45° to core axis @36.0- 1" quartz veinlet @ 45° to core axis @37.5- sheared @42.5- sheared 104.0-116.0+ - altered					
	116.0	106.5-110.0 <u>END OF HOLE-</u> lost	SAMPLE 8051	3.5'	Tr		

F.T. Archibald

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

SURFACE

N

116

g/p
g/p

LEGEND

-  quartz-feldspar porphyry
-  andesite
-  tuff
-  gabbro
-  lamprophyre
-  carbonate shearing

D.H. 80-5 Drill Section

NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 inch : 50 feet

AS Archibald

CWA 1980

NOLAN LAKE EXPLORATIONS INC.
DIAMOND DRILL HOLE 80-5A

LOCATION: Rowan Lake Area
 Claim 527549

LATITUDE: 19+00 North BEARING: due south
 DEPARTURE: L 39+00 East ANGLE DIP: -45°

STARTED: Feb. 16, 1981
 FINISHED: Feb. 18, 1981
 LOGGED BY: F.T. Archibald

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH feet	Au -oz/-	Ag ton-
0	26.0	<u>Casing</u>				
26.0	76.6	<u>Quartz-Feldspar Porphyry-</u> buff-white euhedral feldspar phenocrysts (to 2 mm. diameter) in dark grey siliceous matrix, phenocryst to 30% content 30.0-31.0- phenocrysts elongated @ 60° to core axis 60.0-64.0- phenocrysts elongated @ 70° to core axis 64.0-70.6- Altered, minerals orientated @ 70° to CA odd bleb pyrite-chalcopyrite with siliceous/chlorite seams	8051	6.6	Tr	
		70.6-76.6- Altered with quartz/carbonate banding disseminated pyrite-pyrrhotite, slightly porphyritic in sections	8052	6.0	Tr	
76.6	117.5	<u>Intermediate Metavolcanics (Tuff)-</u> fine grained, massive, grey colour, slight banding @ 55° to core axis, low bleb pyrite-pyrrhotite 76.6-83.0- altered, dark grey colour 83.0-98.5- medium grey colour with odd speck pyrite 91.0-98.0- porphyritic texture 97.0-98.5- carbonate rich with disseminated pyrite 98.5-117.5- medium green colour @ 100.5- 2" white <u>Quartz Vein</u> @ 35° to core A.	8053	6.4	Tr	
		101.0-111.0- porphyritic texture	8054	1.5	Tr	
117.5	201.0	<u>Intermediate Metavolcanics (Andesite)-</u>				

NOLAN LAKE EXPLORATIONS INC.
DIAMOND DRILL HOLE 80-5A

LOCATION:

 LATITUDE:
 DEPARTURE:

 BEARING:
 ANGLE DIP:

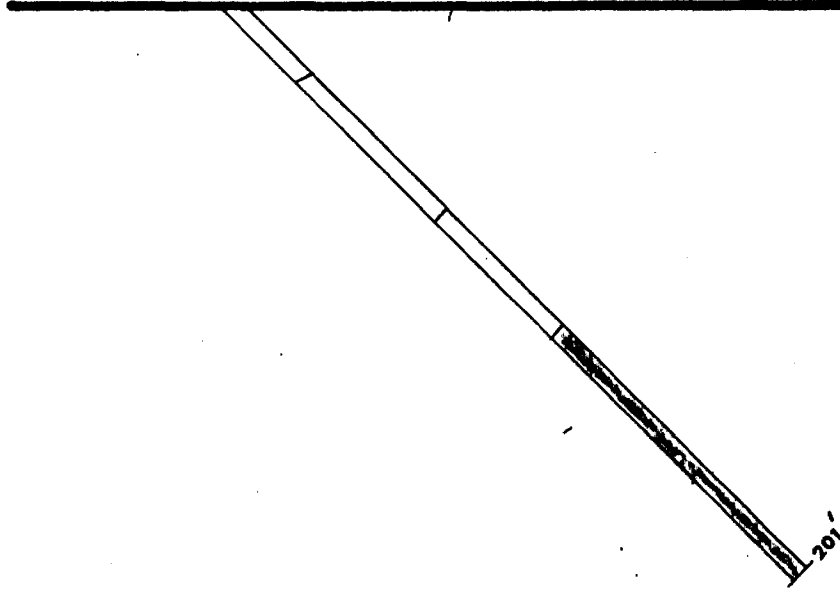
 STARTED:
 FINISHED:
 LOGGED BY:

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH feet	Au Oz/ton	Ag
		117.5-145.0- light green-grey colour				
		115.0-117.0-	8055	2.0	Tr	
		125.0-127.5- banded @ 35° to core axis with odd speck pyrite	8056	2.5	Nil	
		145.0-201.0- light green colour, massive				
		173.0-178.0- tuffaceous with porphyritic texture				
		@ 191.5- 1.5" <u>Quartz</u> Vein @ 60° to core axis (non mineralized)				
		@ 194.0- ½" <u>Quartz</u> seam @ 30° to core axis (non mineralized)				
	201.0	<u>End of Hole</u>				







D. S. Archibald

-45°

SURFACE



LEGEND

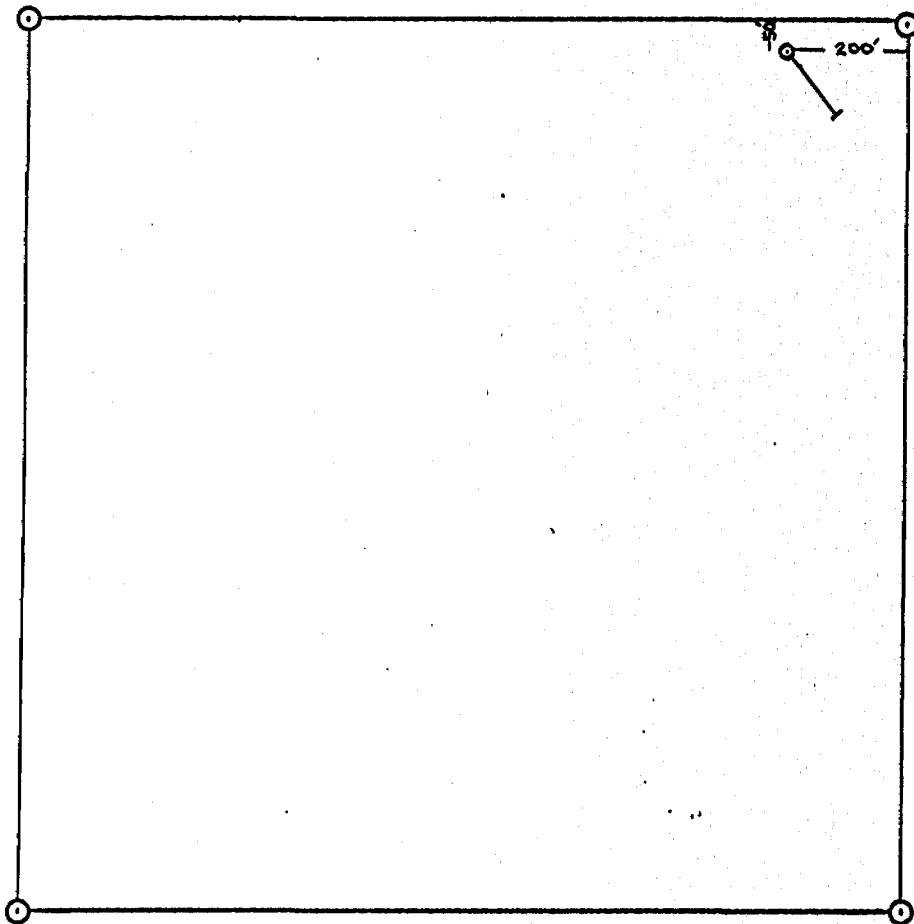
-  **quartz-feldspar porphyry**
-  **andesite**
-  **tuff**
-  **gabbro**
-  **lamprophyre**
-  **carbonate shearing**

**D.H. 80-5A
Drill Section**

NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 Inch : 50 feet

P.S. Archibald CWA 1980



NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527549

DDH 80-5A

0 200 400 ft

D.S. Archibald

NOLAN LAKE EXPLORATIONS INC.
DIAMOND DRILL HOLE 81-1

LOCATION: Rowan Lake Area
claim 527549

LATITUDE: 20+00 North BEARING: N 33° W
DEPARTURE: L 37+00 East ANGLE DIP: -45°

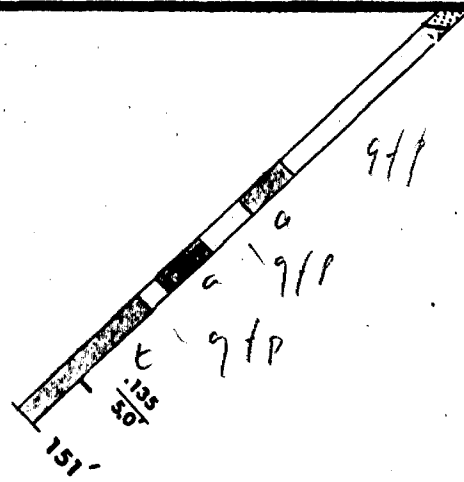
STARTED: Feb.20,1981
FINISHED: Feb.21,1981
LOGGED BY: F.T.Archibald

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH feet	Au -oz/ton-	Ag
0	11.0	<u>Casing-</u>				
11.0	63.0	<u>Altered Quartz-Feldspar Porphyry-</u> euhedral-anhedral feldspar phenocrysts (grey colour) in dark grey matrix, phenocrysts to 1 mm. diameter carbonate rich sections @ 25.0- rhyolite rich matrix, brecciated 26.0-51.0- brecciated (fragments to 2") 28.5-30.5- Sample @ 35.0- rhyolite rich matrix 37.0-43.0- chloritic rich @ 43.7- rhyolite rich matrix 61.0-63.0- Quartz-carbonate rich	8117	2.0	Tr	
63.0	73.0	<u>Intermediate Metavolcanics-(Tuff...)-</u> dark grey-green colour, fine grained, massive, schistose, odd speck pyrite	8111	2.0	Tr	
73.0	86.0	<u>Altered Quartz-Feldspar Porphyry-</u> euhedral-anhedral feldspar phenocrysts (to 1 mm) in grey-green matrix, slight-moderately chloritic, slight flow structure @ 55° to core axis				
86.0	102.0	<u>Intermediate Metavolcanics-(Andesite)-</u> massive, fine grained, highly chloritic				
102.0	109.0	<u>Altered Quartz-Feldspar Porphyry-</u> with siliceous fracturing				
		102.0-105.0	8112	3.0	Nil	







S

SURFACE

N



LEGEND

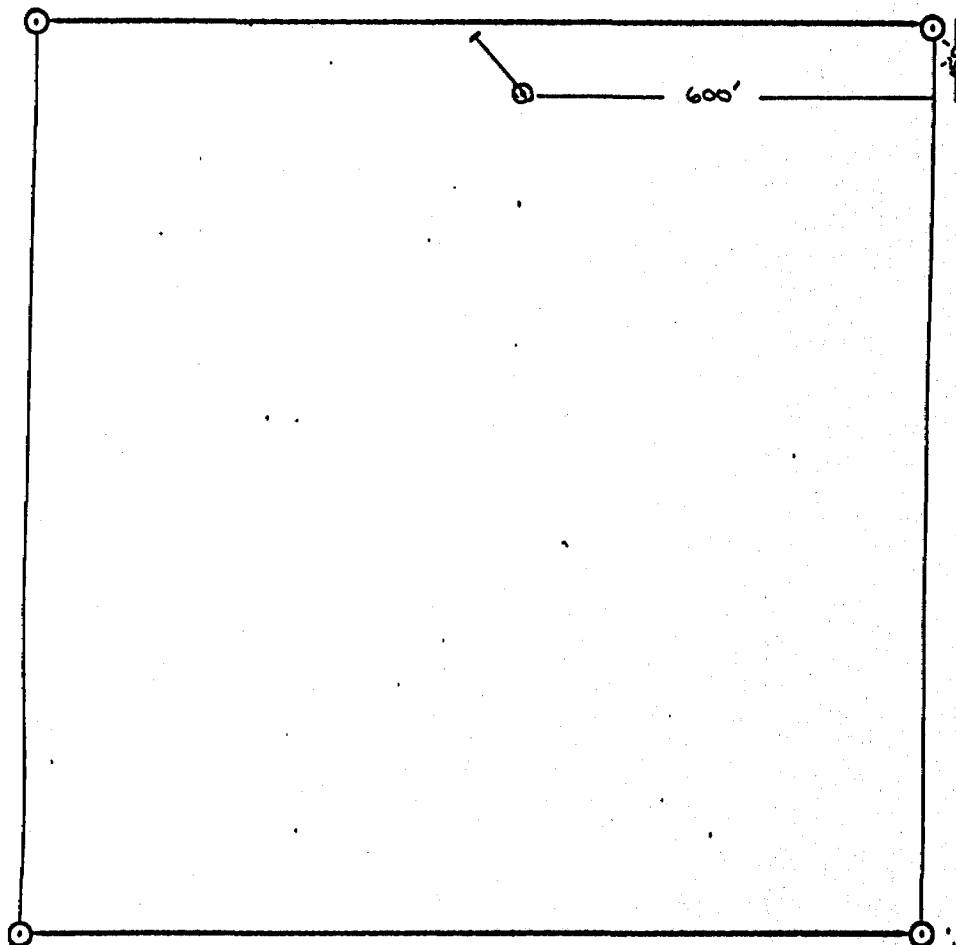
-  quartz-feldspar porphyry
-  andesite
-  tuff
-  gabbro
-  lamprophyre
-  carbonate shearing

**D.H. 81-1
Drill Section**

NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 inch : 50 feet

G. J. Andrews CWA 1981



NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527549

DDH 81-1

0 200 400 ft

PS. Attached

NOLAN LAKE EXPLORATIONS INC.
DIAMOND DRILL HOLE 81-2

LOCATION: Rowan Lake Area LATITUDE: 20+20 North BEARING: N 30° West
Claim 527549 DEPARTURE: L 36+20 East ANGLE DIP: -45°

STARTED: Feb.23,1981
FINISHED: Feb.24,1981
LOGGED BY: F.T. Archibald

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH feet	Au -oz/ton-	Ag
0	3.0	<u>Casing</u>				
3.0	18.0	<u>Quartz-Feldspar Porphyry-</u> anhedral-euhedral feldspar phenocrysts (to $\frac{1}{2}$ cm) in dark grey matrix, with odd speck pyrite-pyrrhotite				
18.0	53.0	<u>Intermediate Metavolcanics (Tuff)-</u> dark grey colour, massive with slight banding @ 70° to core axis, fine grained, odd speck pyrite @ 18.0- siliceous seam with low disseminated pyrite 35.5-36.5- calc.-siliceous vein with low pyrite 43.0-44.5- fine disseminated pyrite cube (up to 5%) 44.5-53.0- <u>Altered</u> 44.5-48.7- fine disseminated pyrite cube (to 5%) 52.2-53.0- <u>Quartz vein</u> @ 65° to core axis with odd speck pyrite	8121 8122 8123 8124	1.0 1.5 4.2 0.8	Tr Tr Tr 0.005	0.01
53.0	81.0	<u>Altered Quartz-Feldspar Porphyry-</u> @ 57.2- 3" <u>Quartz vein</u> @ 50° to core axis (non min) 81.0-81.3- <u>Rhyolitic</u> with disseminated pyrite				
81.3	88.0	<u>Acid Metavolcanics- (Rhyolite)-</u> 86.5-88.0- acid rich with up to 5% disseminated pyrite	8125	1.5	0.005	
81.0	96.0	<u>Intermediate Metavolcanics- (Tuff)</u> dark grey to black colour				
96.0	124.5	<u>Intermediate Metavolcanics (Andesite-Tuff)-</u> fine grained, dark grey-green colour, slight banding				

NOLAN LAKE EXPLORATIONS INC.
DIAMOND DRILL HOLE 81-2

LOCATION:

LATITUDE:
 DEPARTURE:

BEARING:
 ANGLE DIP:

STARTED:
 FINISHED:
 LOGGED BY:

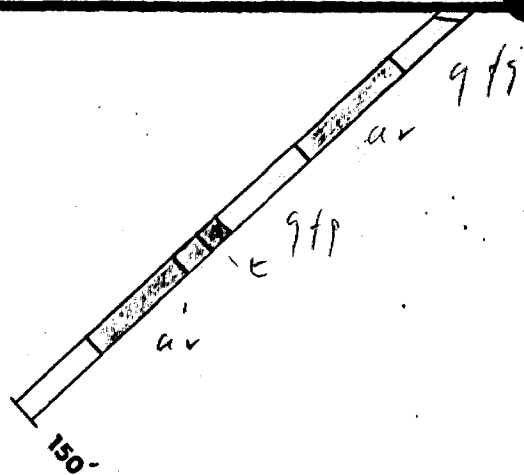
FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH				
124.5	150.0	agglomeritic in sections, odd speck pyrite, banding @ 70° to core axis <u>Altered Quartz-Feldspar Porphyry-</u> anhedral feldspar phenocrysts (to ½ cm diameter), slight siliceous shearing, grey matrix with inclusions in sections <u>End of Hole</u>						

D. D. Caldwell







S

SURFACE - 4°

N



LEGEND

-  quartz-feldspar porphyry
-  andesite - rhyolite
-  tuff
-  gabbro
-  lamprophyre
-  carbonate shearing

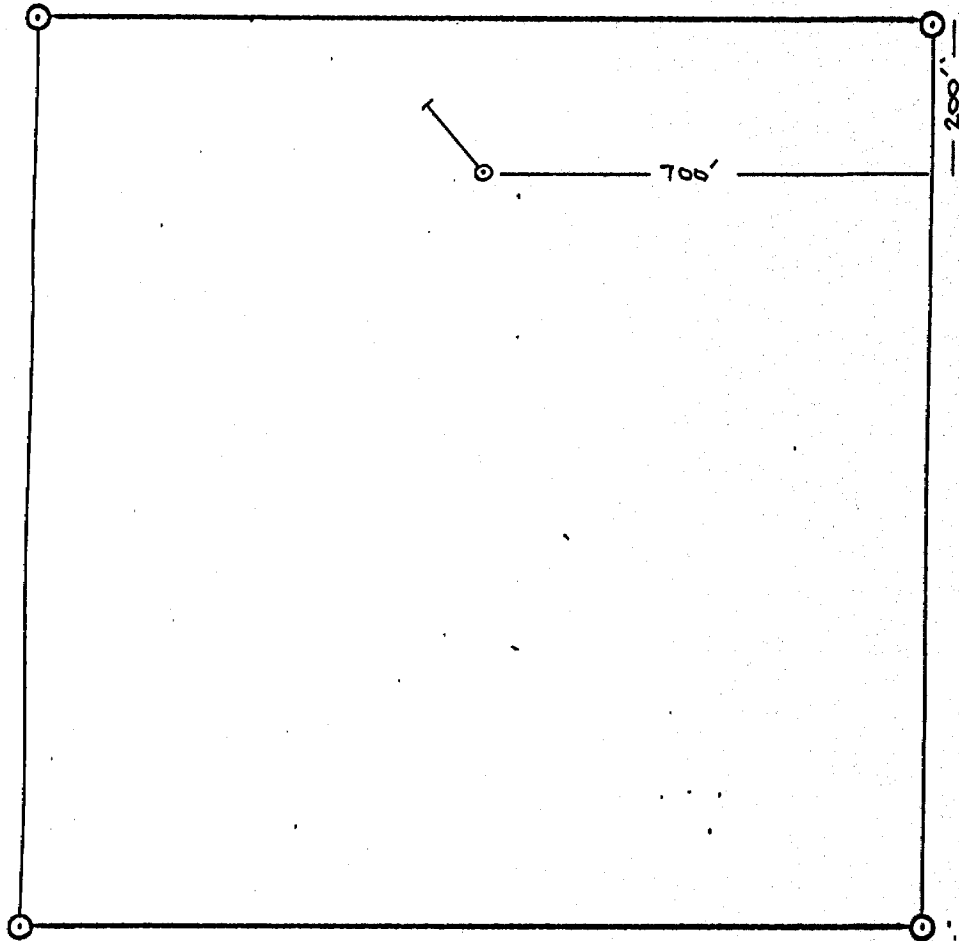
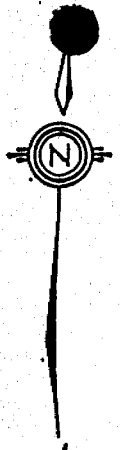
D.H. 81 - 2
Drill Section

NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 inch : 50 feet

D.S. Archibald

CWA 1981



NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527549

DDH 81-2



P.C. [unclear]

NOLAN LAKE EXPLORATIONS LTD.

DIAMOND DRILL HOLE 81 - 3

Feb. 27/81 STARTED

Feb. 28/81 FINISHED

LOGGED BY

LOCATION: Rowan Lake
Kenora Dist. Ontario.

LATITUDE: 16 + 50 NW

BEARING: Az. 315°

DEPARTURE: L - 28 E

ANGLE DIP: 45°

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
0	7.0	Casing		AU
7.0	33.0	<p><u>Basic Tuff.</u></p> <p>Extremely fine grained. Highly siliceous. Dark grey to blackish in part, interbedded with lighter coloured acidic sections. Distinct bedded appearance in darker sections with the more acidic sections showing fine qtz filled vesicles. Fine qtz & calcite stringers throughout in a stock-work pattern. Largest qtz veining 8". Estimated qtz 20%. 21.5 - 26.0 Qtz stock-work. Two massive pyrite seams 2" & 1/2" in width with qtz. Minor pyrite in blebs & diss. throughout. Est. sulphides 10%. Gradational contacts.</p> <p>Samples:</p> <p>11.0 - 14.0 (3.0) Leached. Minor py + qtz stringers</p> <p>14.0 - 17.0 (3.0) Minor qtz diss. py.</p> <p>17.0 - 20.0 (3.0) 2" & 1/2" seams mass. py minor qtz.</p> <p>20.0 - 23.0 (3.0) qtz & calcite filled fractures.</p> <p>23.0 - 26.0 (3.0) Est. 30% qtz-calcite & 5% py.</p> <p>26.0 - 29.0 (3.0) Fine qtz seams. Diss. py.</p> <p>29.0 - 32.0 (3.0) Sparse qtz & py.</p> <p>32.0 - 35.0 (3.0) " " "</p> <p>35.0 - 37.0 (2.0) Massive Tuff. Diss. py.</p> <p>37.0 - 40.0 (3.0) " " "</p>		
33.0	91.0	<p><u>Acid Tuff.</u></p> <p>Grey. Highly silicified. Fine grained. Distinct bedded appearance in part. Scattered fine qtz & calcite stringers throughout. Odd specks pyrite.</p>		

NOLAN LAKE EXPLORATIONS LTD.
DIAMOND DRILL HOLE 81 - 3

LOCATION:

LATITUDE:
DEPARTURE:

BEARING:
ANGLE DIP:

STARTED
FINISHED
LOGGED BY

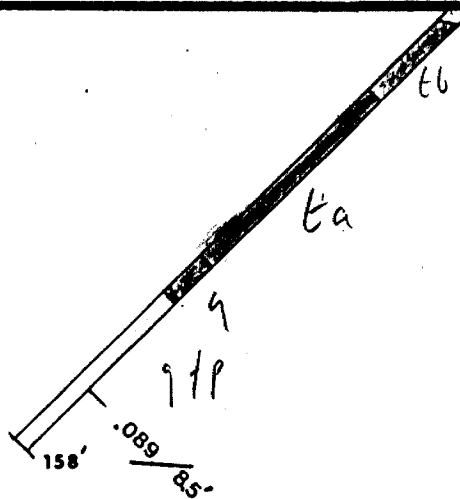
FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
		Sample:		AU
91.0	107.0	52.0 - 55.0 (3.0) Fine qtz seams. Sparse pyrite.	N81311	
		<u>Gabbro.</u>		
		Dark greenish. Medium grained. Feldspar & amphibole. Massive texture. Gradational contacts.		
107.0	158.0	<u>Dacite.</u>		
		Grey to greenish. Silicified. Fine grained. A few minor sections appear to be tuffaceous material. Numerous fine qtz stringers (up to 1") scattered through-out section.		
		139.5 - 141.5 Qtz vein. Milky white. Unmineralized.		
		144.5 - 147.0 Qtz vein. Similar to above vein.		
		Diss. pyrite scattered throughout section.		
		Samples:		
		116.0 - 120.5 (4.5) 25% qtz stringers + diss. pyrite	N81312	
		128.0 - 133.0 (5.0) Scattered qtz stringers.	N81313	
		133.0 - 136.0 (3.0) " " "	N81314	
		136.0 - 139.5 (3.5) Qtz stock-work. Diss. pyrite.	N81315	
		139.5 - 141.5 (2.0) Qtz vein. Sparse pyrite.	N81316	
		141.5 - 144.5 (3.0) Irregular qtz fillings.	N81317	
		144.5 - 147.0 (2.5) Qtz vein. Sparse pyrite.	N81318	
		147.0 - 149.0 (2.0) Sparse qtz. Diss. pyrite.	N81319	
		End of hole: 158'.		

John Essery








N

-45 SURFACE

S



LEGEND

-  quartz-feldspar porphyry
-  dacite
-  tuff
-  gabbro
-  lamprophyre
-  carbonate shearing
-  diabase

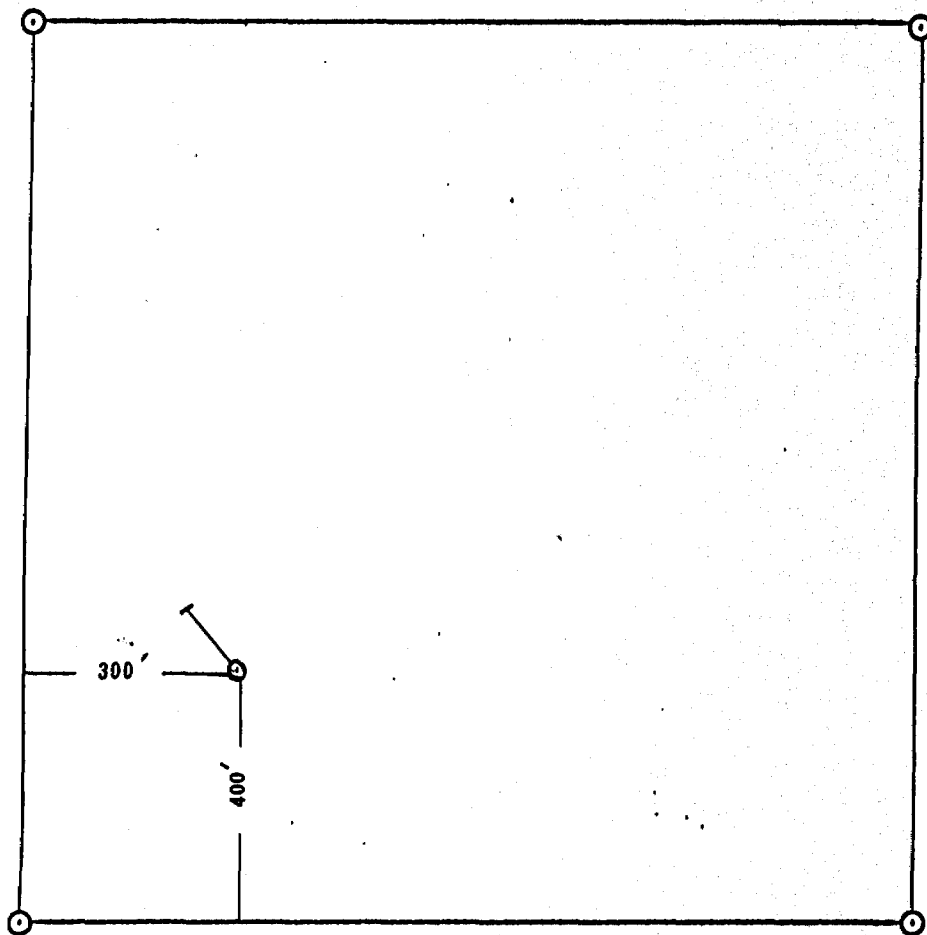
**D.H. 81-3
Drill Section**

NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 inch : 50 feet

P.S. Archibald

CWA 1980



NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527549

DDH 81-3

0 200 400 ft

D.S. Chickland

NOLAN LAKE EXPLORATIONS INC.

DIAMOND DRILL HOLE 81 - 4

LOCATION: Rowan Lake
Kenora Dist. Ont.LATITUDE: 15 + 00 NW
DEPARTURE: I-26EBEARING: Az 315°
ANGLE DIP: 45°Mar. 2/81 STARTED
Mar. 5/81 FINISHED
LOGGED BY

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
0	7.0	Casing.		AU
7.0	110.0	<p><u>Qtz-Feldspar porphyry.</u></p> <p>Dark grey. Highly siliceous. Abundant fine (up to 1/8") whitish feldspar + qtz phenocrysts in a fine siliceous matrix. Feldspar crystals oval to sub-angular. Qtz usually less abundant. Occasional fine barren qtz stringer (up to 1") appears throughout section, usually with diss. pyrite extending 4" - 5" from either contact of qtz. Very minor blebs and diss. pyrite throughout section. Flat angle of qtz veining (20° to core in some cases) indicate a change of structure & formation locally.</p> <p>11.5 - 12.5 Basic dyke. Mainly amphibole & feldspar. 48.0 - 51.0 Tuffaceous material.</p> <p>Samples:</p> <p>11.5 - 16.0 (4.5) Fine seams qtz + diss. pyrite. 16.0 - 21.0 (5.0) 1/2" qtz seams + diss. pyrite 27.0 - 30.0 (3.0) Fine qtz seams. Minor py. 36.0 - 41.0 (5.0) 1" qtz stringer at 40.0 Diss. py. 59.0 - 64.0 (5.0) Fine seams qtz + diss. py.</p>	N8141 N8142 N8143 N8144 N8145	
110.0	152.0	<p><u>Feldspar porphyry.</u></p> <p>Light grey to slight pinkish at contacts. Highly siliceous. Whitish phenocrysts. Uniform texture throughout. Occasional specks pyrite.</p> <p>Sample:</p> <p>110.0 - 115.0 (5.0) Porphyry. Diss. Pyrite.</p>	N8146	

NOLAN LAKE EXPLORATIONS INC.
 DIAMOND DRILL HOLE 81 - 4

LOCATION: Rowan Lake
 Kenora Dist. Ont.

LATITUDE:
 DEPARTURE:

BEARING:
 ANGLE DIP:

STARTED
 FINISHED
 LOGGED BY

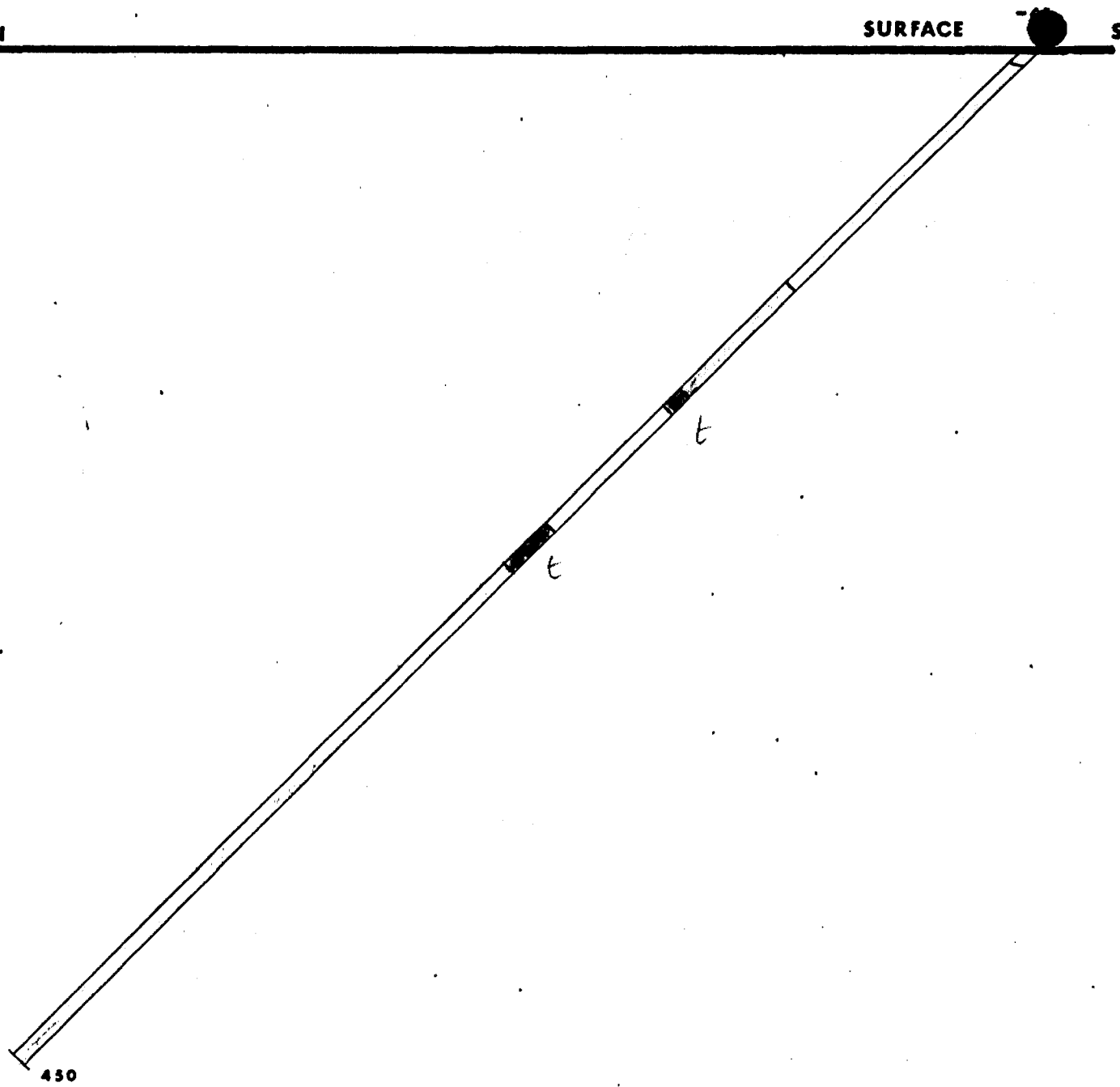
FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
152.0	159.0	<u>Basic tuff.</u> Dark greenish. Fairly massive texture. Slightly chloritized. Contacts fairly sharp.		AU
159.0	216.0	<u>Qts - feldspar porphyry.</u> Dark grey. Highly siliceous. Distinct phenocrysts of feldspar & qts. Diss. pyrite in some parts. Samples: 159.0 - 164.0 (5.0) Porphyry. Diss. pyrite. 200.0 - 205.0 (5.0) Porphyry. Odd qts stringer. Diss. pyrite.	N8147 N8148	
216.0	233.0	<u>Basic tuff.</u> Dark green. Fine grained. Siliceous. Slightly chloritized. Odd specks pyrite in parts.		
233.0	450.0	<u>Feldspar porphyry.</u> Usual feldspar phenocrysts. Massive texture. Less distinct phenocrysts than in upper sections. 364.0 - 369.5 Basic dyke. Black. Dense. Mainly amphibole. Samples: 259.0 - 261.5 (2.5) 4" qts. vein. Diss. pyrite. 354.0 - 357.0 (3.0) 10" qts vein. Diss. pyrite.	N8149 N81410	
		<u>End of hole: 450'</u>		

John Erney








N

SURFACE

S



LEGEND

-  **quartz-feldspar porphyry**
-  **andesite**
-  **feldspar porphyry**
-  **tuff**
-  **lamprophyre**
-  **carbonate shearing**
-  **diabase**

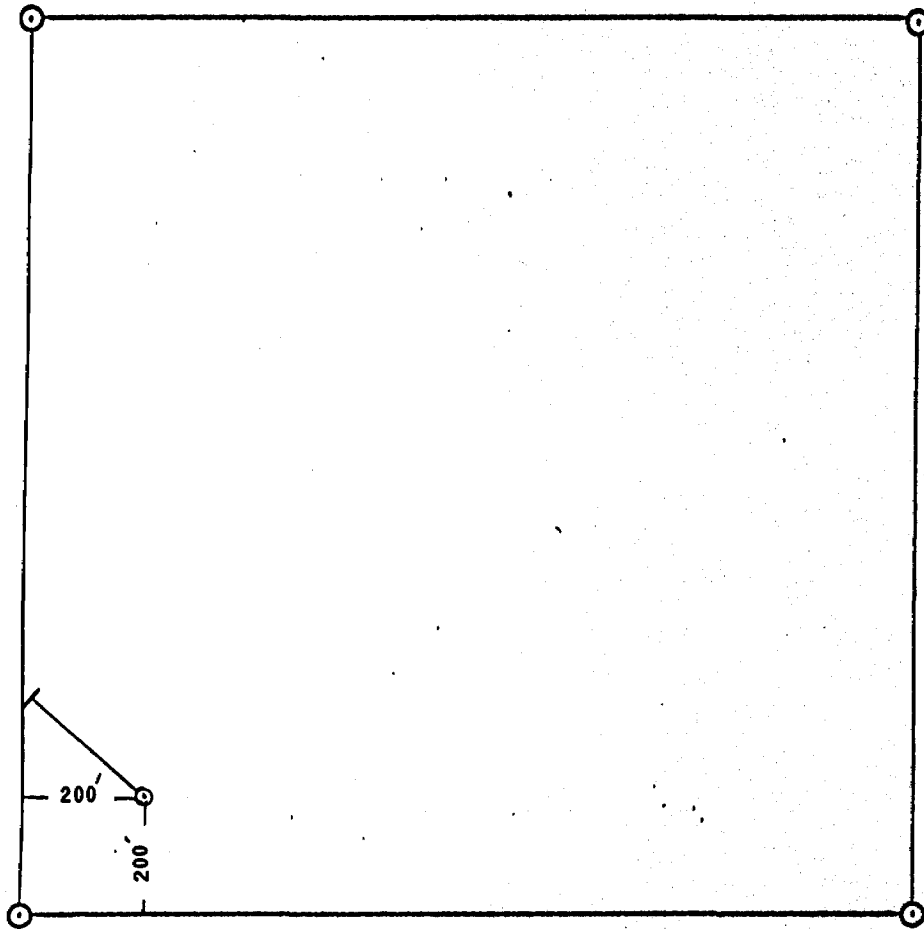
**D.H. 81-4
Drill Section**

NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 inch = 50 feet

F.S. Archibald

CWA 1980



NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527549

DDH 81-4

0 200 400 ft

PS. Archibald

PAGE: 1

NOLAN LAKE EXPLORATIONS INC.

DIAMOND DRILL HOLE 81 - 5

LOCATION: Rowan Lake
Kenora Dist. Ont.

LATITUDE: 13 + 00 NW
DEPARTURE: L-24E

BEARING: Az 3150
ANGLE DIP: 45°

Mar. 7/81 STARTED:
Mar. 9/81 FINISHED:
J. Essery LOGGED BY:

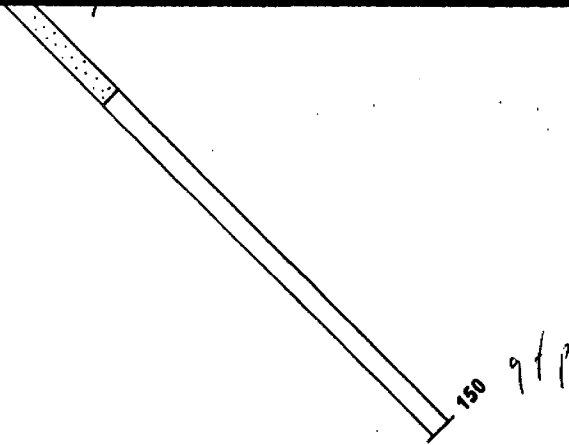
FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
0	35.0	Casing. (broken bed-rock & boulders).		AU
35.0	150.0	<p><u>Qtz - feldspar porphyry.</u></p> <p>Dark grey matrix with white feldspar phenocrysts & rounded qtz nodules. Highly siliceous groundmass with slightly talcose slips.</p> <p>35.0 - 50.0 Porphyry slightly altered, phenocrysts less distinct though highly siliceous. Qtz veining practically negligible, except 1" creamy white qtz stringer at 89.0 with few specks pyrite at contacts.</p> <p>Except for a few scattered specks pyrite core barren of sulphide mineralization.</p> <p>Samples:</p> <p>35.0 - 40.0 (5.0) Porphyry. Odd specks pyrite. 87.0 - 90.0 (3.0) 1" qtz seam. Specks py at contacts</p> <p>End of hole: 150'.</p>	N8151 N8152	

John Essery







S

SURFACE

N



LEGEND

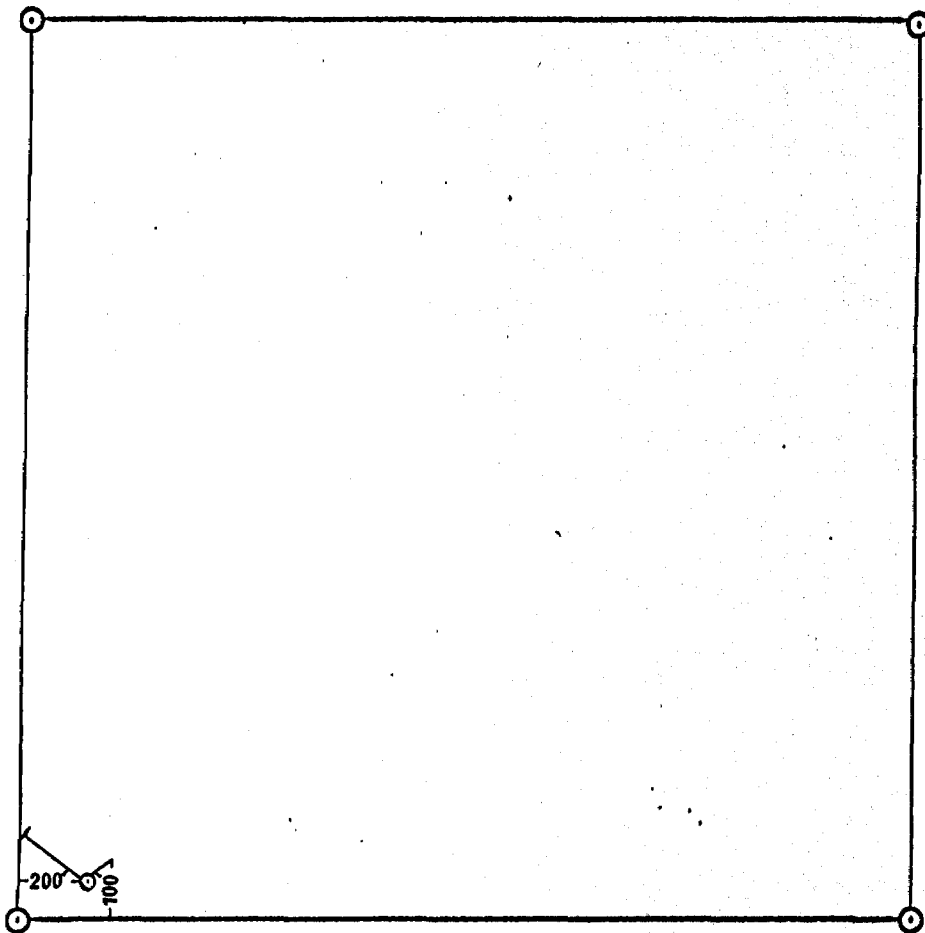
-  quartz-feldspar porphyry
-  andesite
-  tuff
-  gabbro
-  lamprophyre
-  carbonate shearing

D.H. 81-5
Drill Section

NOLAN LAKE EXPLORATIONS INC.

P.S. Archibald

SCALE - 1 Inch : 50 feet



NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527549

DDH 81-5

D. Archfield



PAGE: 1

NOLAN LAKE EXPLORATIONS INC.
DIAMOND DRILL HOLE 81-6

Mar. 12/81 STARTED
Mar. 13/81 FINISHED
LOGGED BY J. Essery

LOCATION: Rowan Lake
Kenora Dist. Ont.

LATITUDE: 0 + 00
DEPARTURE: BL- 0 + 00

BEARING: AS-3150
ANGLE DIP: Vertical.

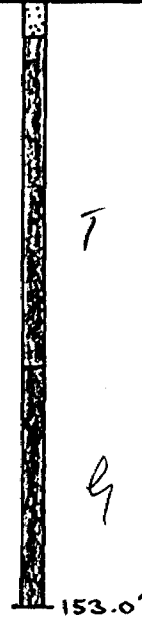
FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
0	9.0	Casing. (core recovered).		A U
9.0	90.0	<u>Intermediate Tuff.</u> Grey, Fine grained. Uniform texture. Siliceous and carbonitized. Talcose on slippage planes. 0 - 23.0 Minor qtz veining. Core partially decomposed-rusty & oxidized. Minor pyrite in blebs & diss. Possibly 10% qtz usually with diss. pyrite. G/A 10° - 45°. 23.0 - 90.0 Generally fairly massive throughout with scattered fine (av. 1/4") barren qtz seams in net-work pattern. occasional fine cubical pyrite, diss. & blebs in some parts. Samples: 0.0 - 3.0 (3.0) Decomposed in part. Minor qtz & py. N8161 3.0 - 6.0 (3.0) Qtz seams. (up to 2") + Seams & diss. pyrite. N8162 6.0 - 9.0 (3.0) Qtz filled fractures. Minor pyrite. N8163 9.0 - 12.0 (3.0) " " " " " " N8164 12.0 - 15.0 (3.0) " " " " " " N8165 15.0 - 20.0 (5.0) Talcose in part. Minor seams pyrite. N8166 <u>Gabbro</u> Pale greenish to grey. Medium grained. Massive texture. Minor inclusions Dacitic material. Fine barren qtz stringers scattered throughout section. Odd specks pyrite. Upper contact sharp 70°.		
90.0	153.0	<u>End of hole: 153'</u>		

John Essery








N

SURFACE

S



LEGEND

-  **quartz-feldspar porphyry**
-  **andesite**
-  **tuff**
-  **gabbro**
-  **lamprophyre**
-  **carbonate shearing**
-  **diabase**

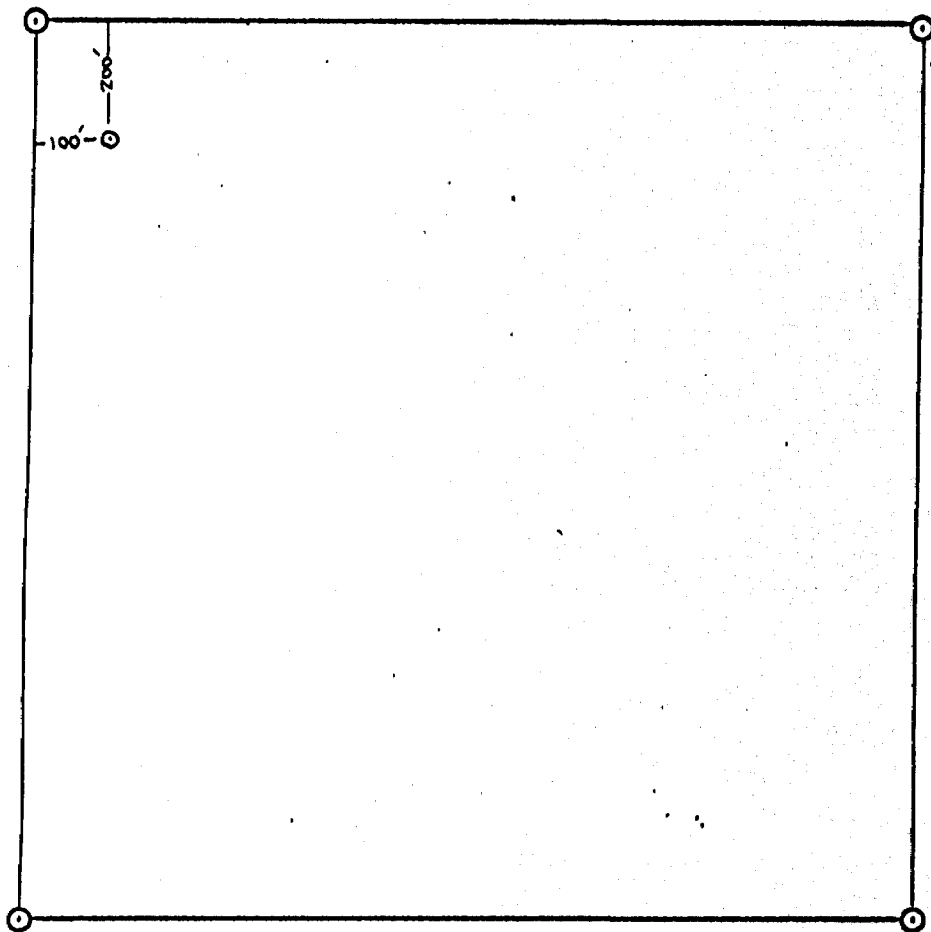
**D.H. 81-6
Drill Section**

NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 inch : 50 feet

D.S. Anshel

CWA 1980



NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527553

DDH 81-6



G. P. Archibald

NOLAN LAKE EXPLORATIONS INC.

PAGE: 1

DIAMOND DRILL HOLE 81 - 7

LOCATION: Rowan Lake area
Kenora Dist. Ont.

LATITUDE: 1 + 50 N
DEPARTURE: L-1+50 W

BEARING:
ANGLE DIP: Vertical

Mar. 22/81 STARTED
Mar. 23/81 FINISHED

LOGGED BY
J. Essery

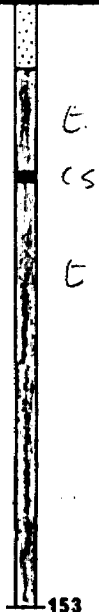
FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
0	17.0	Casing. (overburden)		AU
17.0	43.0	<u>Basic Tuff.</u> Dark green. Fairly massive texture throughout. Small irregular shaped segregation of qtz & feldspar in a chloritic matrix. 20.0 - 22.0 Creamy coloured qtz vein near parallel to core, true width probably about 10". Samples: 19.0 - 23.0 (4.0) Qtz veining. Diss. pyrite with Tuff. 39.0 - 43.0 (4.0) Tuff. Minor qtz seams. Diss. pyrite.	N8171 N8172	
43.0	45.5	<u>Qtz-carbonate zone.</u> Mainly qtz veining with reddish oxidized seams & inclusions in qtz of oxidized pyrite. Sharp contacts 60° to core. Samples: 43.0 - 45.5 (2.5) Qtz-carb. vein. Fair amount oxid. py. 45.5 - 49.5 (4.0) Tuff. Minor qtz seams. Odd specks py.	N8173 N8174	
45.5	153.0	<u>Intermediate Tuff.</u> Dark to light green. Medium grained. Fairly siliceous. Lamination of bedding fairly pronounced in some parts at 450 to core. Odd fine seam of qtz. Sulphides negligible throughout section. End of hole: 153'.		

John Essery







S

SURFACE

N



LEGEND

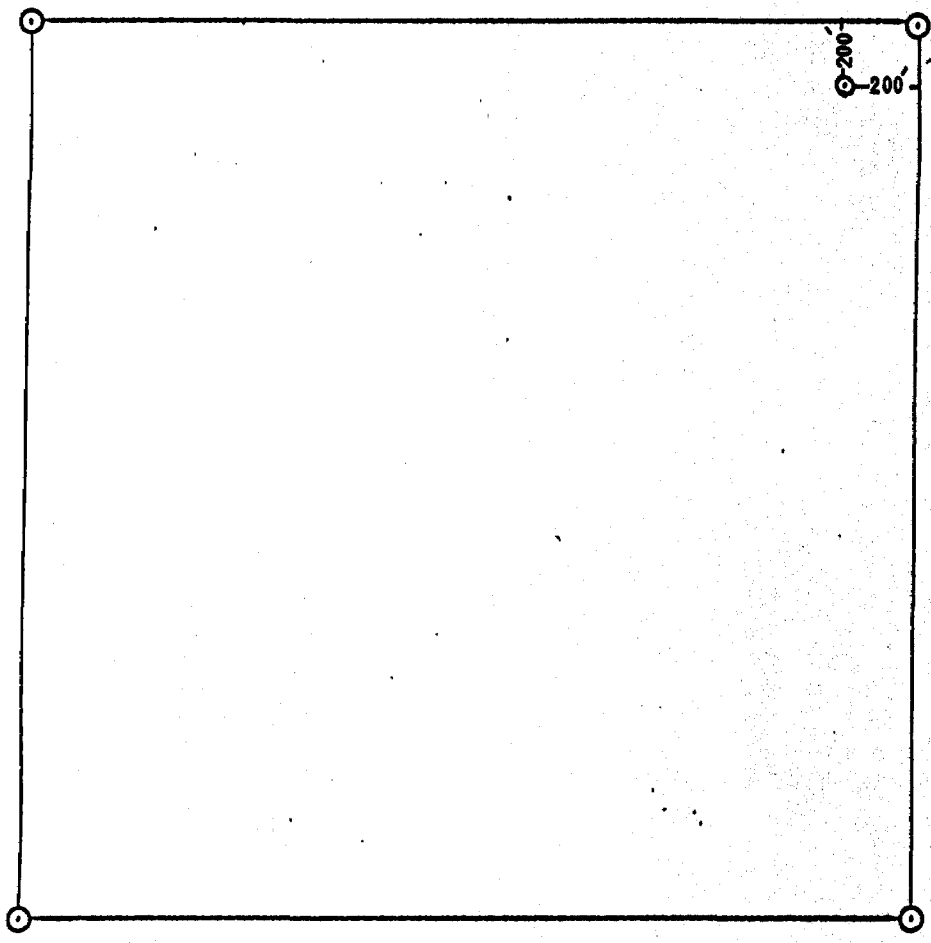
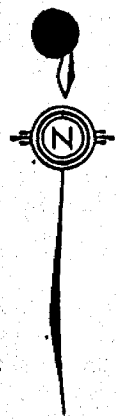
-  quartz-feldspar porphyry
-  andesite
-  tuff
-  gabbro
-  lamprophyre
-  carbonate shearing

D.H. 81-7 Drill Section

NOLAN LAKE EXPLORATIONS INC.

P. D. Archibald

SCALE - 1 Inch : 50 feet

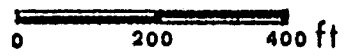


NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527559

DDH 81-7

SS. Archid



NOLAN LAKE EXPLORATIONS INC.

PAGE: 1

DIAMOND DRILL HOLE 81 - 8

Mar. 21/81 STARTED:
Mar. 22/81 FINISHED:

LOCATION:

LATITUDE: 1 + 00 N BEARING:
DEPARTURE: L - 3 + 30W ANGLE DIP: Vertical. J. Essery LOGGED BY:

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
0	16.0	Casing. (overburden)		AU
16.0	20.0	<u>Qtz-feldspar porphyry.</u> Grey. Medium grained. Highly siliceous massive texture. Sharp contact.		
20.0	28.0	<u>Aplite Dyke.</u> Pale pink to creamy. Extremely siliceous. Small rounded inclusions of chloritic material throughout. Samples: 20.0 - 24.0 (4.0) Aplite dyke. Odd specks pyrite. 24.0 - 28.0 (4.0) " " " " " "	N8181 N8182	
28.0	64.0	<u>Intermediate Tuff.</u> Dark greenish. Medium grained. Slightly chloritic. Scattered fine seams & stringers of qtz throughout. Sparse diss. & blebs of pyrite throughout section. Samples: 28.0 - 30.0 (2.0) Tuffaceous. Minor qtz seams diss. py. 30.0 - 33.0 (3.0) " " " " " " 54.0 - 59.0 (5.0) " " " " " " 59.0 - 64.0 (5.0) " " " " " "	N8183 N8184 N8185 N8186	
64.0	76.0	<u>Qtz-carbonate Zone.</u> Orange to pinkish. Highly siliceous. Mainly qtz veining with oxidized pyrite as fracture fillings & diss. in qtz. Sharp contacts 30° to core.		

NOLAN LAKE EXPLORATIONS INC.

PAGE: 2

DIAMOND DRILL HOLE 81 - 8

LOCATION:

LATITUDE:
DEPARTURE:

BEARING:
ANGLE DIP:

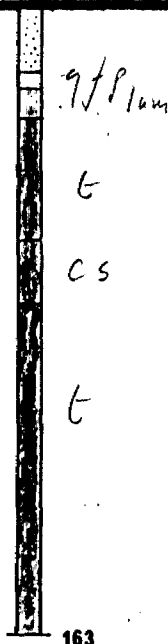
STARTED:
FINISHED:
LOGGED BY:

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH	
76.0	163.0	<p>Samples:</p> <p>64.0 - 68.0 (4.0) Qtz-carb. with oxidized pyrite.</p> <p>68.0 - 72.0 (4.0) " " " "</p> <p>72.0 - 76.0 (4.0) " " " "</p> <p><u>Intermediate Tuff.</u></p> <p>Dark green. Medium grained. Highly chloritic in upper section from; 76.0 to 83.0 with fine oxidized seams. Remainder of core generally of uniform grain & texture.</p> <p>Few scattered qtz seams. Mineralisation negligible after 83.0.</p> <p>Sample:</p> <p>76.0 - 80.0 (4.0) Chloritic Tuff. Diss. pyrite.</p> <p>End of hole: 163.0</p> <p><i>John Lasery</i></p>	<p>N8187</p> <p>N8188</p> <p>N8189</p> <p>N81810</p>	<p>AU</p>	







S

SURFACE

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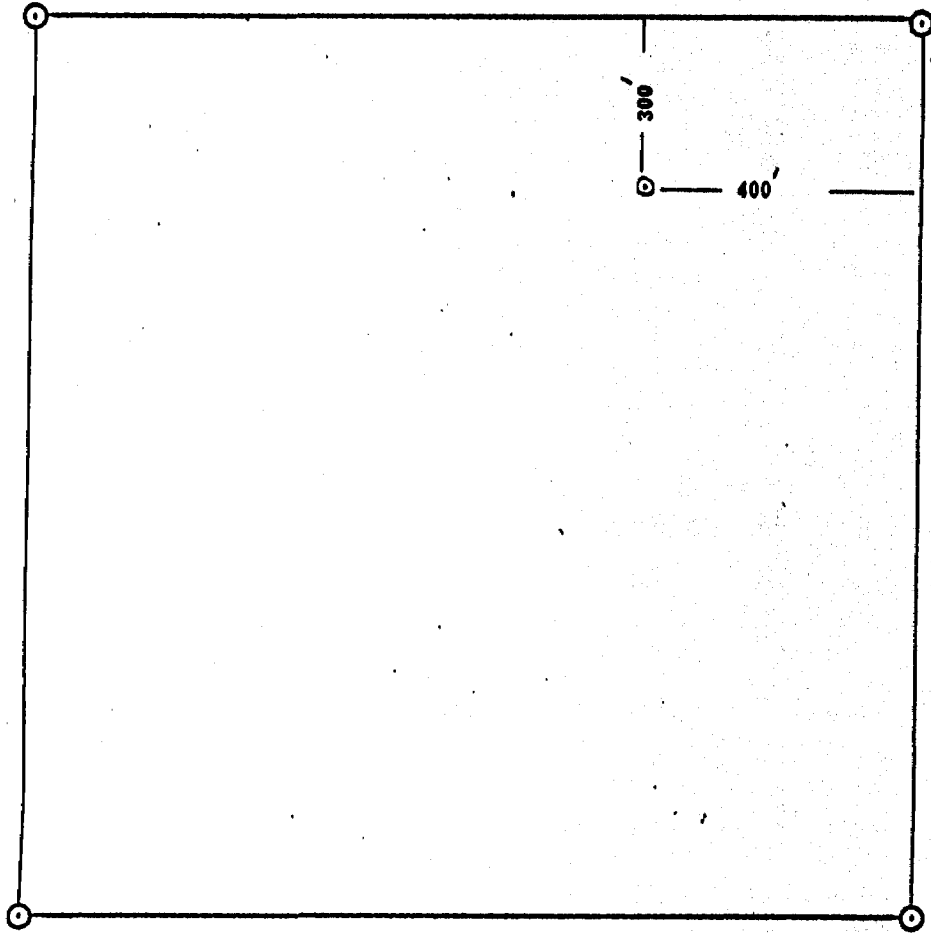
LEGEND

-  quartz-feldspar porphyry
-  andesite
-  tuff
-  gabbro
-  lamprophyre
-  carbonate shearing

D.H. 81-8 Drill Section

NOLAN LAKE EXPLORATIONS INC.

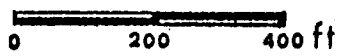
B.S. Archibald
SCALE - 1 inch : 50 feet



NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527559

DDH 81-8



P. J. O'Connell

NOLAN LAKE EXPLORATIONS INC.

PAGE: 1

DIAMOND DRILL HOLE 81 - 10

LOCATION: Rowan Lake area
Kenora Dist. Ont.

LATITUDE: 0 + 50 S
DEPARTURE: L - 4 W

BEARING:
ANGLE DIP: Vertical.

Mar. 20/85 STARTED:
Mar. 21/85 FINISHED:
J. Essery LOGGED BY:

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
0	31.0	Casing. (overburden).		AU
31.0	47.0	<u>Cherty Tuff.</u> Grey. Extremely fine grained. Generally silicified with minor fine qtz-carbonate veining occupying minute fractures. Total qtz probably 10% of core. Scattered diss. pyrite in some parts. Samples: 31.0 - 35.0 (4.0) Fine qtz veining in tuff. Diss. py. 35.0 - 40.0 (5.0) " " " " " " 40.0 - 44.0 (4.0) " " " " " " 44.0 - 47.0 (3.0) " " " " " "	N81101 N81102 N81103 N81104	
47.0	51.0	<u>Qtz-Carbonate Zone.</u> Estimated 50% qtz veining in a highly oxidized (rusty red) carbonatized, schisted, talcose, tuffaceous material. Sulphides highly oxidized possibly 10%. Samples: 47.0 - 49.0 (2.0) Qtz-carb. vein. Much oxidized py. 49.0 - 51.0 (2.0) " " " " " "	N81105 N81106	
51.0	84.0	<u>Carbonate Tuff.</u> Medium grained. Reddish to grey. Carbonatized with chloritic alteration. Fairly siliceous throughout. Samples: 51.0 - 54.0 (3.0) Highly carb. Talcose. Diss. pyrite. 54.0 - 59.0 (4.0) Carbonated Tuff. Minor Qtz & diss.py 59.0 - 64.0 (5.0) " " " " " "	N81107 N81108 N81109	

NOLAN LAKE EXPLORATIONS INC.

PAGE: 2

DIAMOND DRILL HOLE 81 - 10

LOCATION:

LATITUDE:
DEPARTURE:

BEARING:
ANGLE DIP:

STARTED:
FINISHED:
LOGGED BY:

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
84.0	193.0	Samples. (cont'd)		
		64.0 - 69.0 (5.0) Carb. Tuff. Minor qtz & diss. pyrite	N811010	
		69.0 - 74.0 (5.0) " " " " " "	N811011	
		74.0 - 79.0 (5.0) " " " " " "	N811012	
		79.0 - 84.0 (5.0) " " " " " "	N811013	
		<p><u>Intermediate Tuff.</u></p> <p>Dark green. Medium grained. Numerous fine qtz seams throughout with bleached slightly chloritized zoning at contacts to qtz. Odd specks scattered pyrite though sulphides very sparse throughout.</p>		
		<p>End of hole: 193.0</p>		
		<p><i>John Essery</i></p>		

S

SURFACE







N



↳
-cs?
↳

193

LEGEND

-  quartz-feldspar porphyry
-  andesite
-  tuff
-  gabbro
-  lamprophyre
-  carbonate shearing

D.H. 81-10

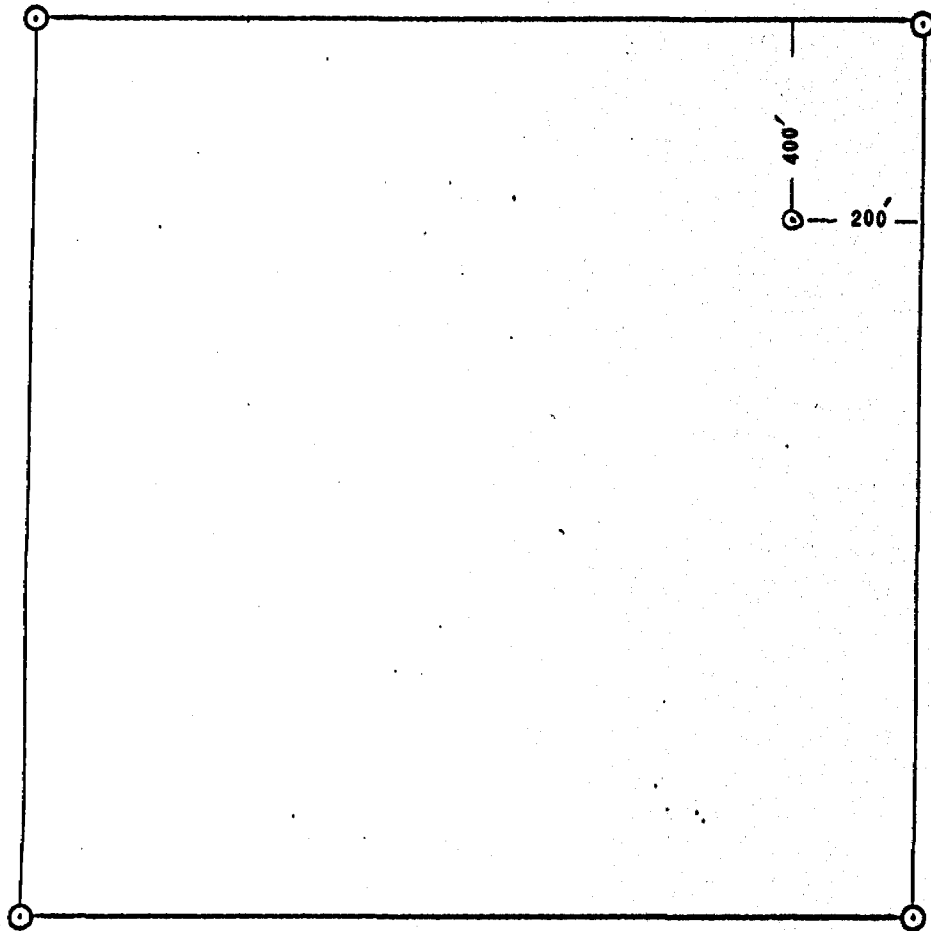
Drill Section

NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 inch : 50 feet

S.B. Archibald

CWA 1981



NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527559

DDH 81-10

0 200 400 ft

P. O. Archibald

PAGE: 1

NOLAN LAKE EXPLORATIONS Inc.

DIAMOND DRILL HOLE 81 - 11

LOCATION: Rowan Lake
Kenora Dist. Ont.LATITUDE: 2+00 S
DEPARTURE: L-3WBEARING:
ANGLE DIP: Vertical.

Mar. 13/81 STARTED

Mar. 14/81 FINISHED

LOGGED BY

J. Essery

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
0	9.0	Casing. (7' overburden).		
7.0	153.0	<p><u>Intermediate Tuff.</u></p> <p>Grey. Fine grained. Siliceous to partly carbonitised. Generally uniform appearance. Slight alteration of bleaching near qtz veining.</p> <p>7.0 - 27.0 Numerous fine (up to 1") qtz veining in a stock-work pattern. Possibly 20% of core. Minor blebs & diss. pyrite. 2' qtz vein 9.5 - 11.5 with few blebs oxidized pyrite.</p> <p>27.0 - 153.0 Similar to upper section. Fine barren seams qtz (X") scattered throughout section. 100 - 70° to core. Diss. & blebs pyrite in some parts.</p> <p>Samples:</p> <p>7.0 - 9.5 (2.5) Minor qtz stringers. Diss. pyrite. NS1111</p> <p>9.5 - 11.5 (2.0) Qtz vein. Minor pyrite. NS1112</p> <p>11.5 - 14.0 (2.5) Fine qtz stringers. Diss. pyrite NS1113</p> <p>14.0 - 18.0 (4.0) " " " " " NS1114</p> <p>18.0 - 22.0 (4.0) " " " " " NS1115</p> <p>22.0 - 27.0 (5.0) Fine qtz seams. Diss. pyrite. NS1116</p> <p>27.0 - 32.0 (5.0) " " " " " Blebs & diss. pyrite NS1117</p> <p>32.0 - 37.0 (5.0) " " " " " " NS1118</p> <p><u>End of hole: 153'.</u></p>		AU

John Essery

S







SURFACE

N



~ C-3
 2

LEGEND

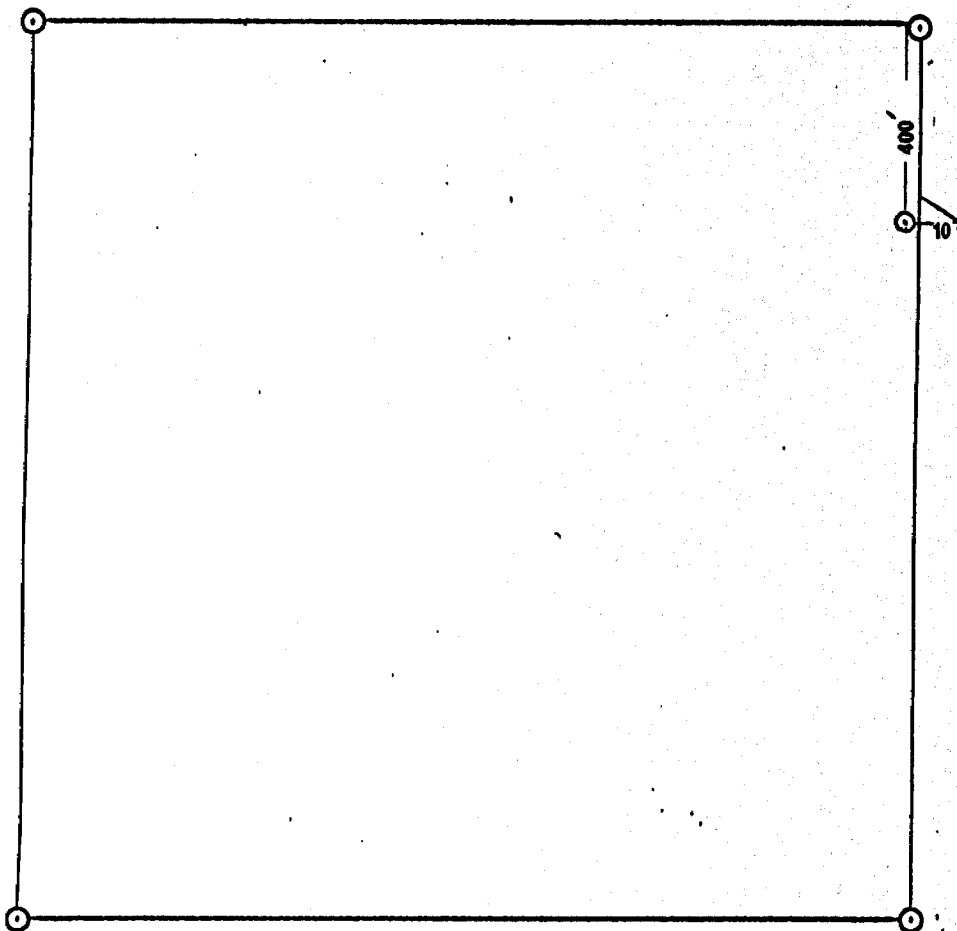
-  *quartz-feldspar porphyry*
-  *andesite*
-  *tuff*
-  *gabbro*
-  *lamprophyre*
-  *carbonate shearing*

D.H. 81-11
Drill Section

NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 Inch : 50 feet

PS Archibald CWA 1981



NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527559



DDH 81-11

PS. Attached

NOLAN LAKE EXPLORATIONS INC.
 DIAMOND DRILL HOLE 81 - 12

LOCATION: Rowan Lake
 Kenora Dist. Ont.

LATITUDE: 2 + 50 S
 DEPARTURE: L-2W

BEARING:
 ANGLE DIP: Vertical

Mar. 14/81 STARTED
 Mar. 15/81 FINISHED
 LOGGED BY: J. Essery

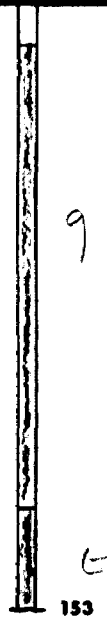
FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
0	5.0	Casing. (3' core recovered).		AU
2.0	128.0	<u>Gabbro.</u> Pale green. Medium grained. Massive texture. Minor inclusions of tuffaceous material. General mottled appearance due from segregation of grey (anorthositic) feldspar crystals. 2.0 - 43.0 Numerous fine (1/8") qtz seams scattered throughout, generally av. 45° to core. Odd stringer of 1" width with slightly flatter angle. Mineralization very sparse with minor fine cubical diss. pyrite usually associated with qtz seams. Samples: 2.0 - 7.0 (5.0) Fine qtz seams. Odd specks cubical py. 7.0 - 12.0 (5.0) " " " " " " 12.0 - 15.0 (3.0) " " " " " " 22.0 - 26.0 (4.0) 1" qtz seams. Specks cubical pyrite. 33.0 - 38.0 (5.0) Fine qtz seams. Few specks pyrite.	N81121 N81122 N81123 N81124 N81125	
128.0	153.0	<u>Intermediate Tuff.</u> Grey. Fine to medium grained. Minor sections of Gabbroic material. Barren of qtz except two 1" seams qtz at 143.0 Sulphides negligible throughout. End of hole: 153.0'		

John Essery








N

SURFACE

S



LEGEND

-  *quartz-feldspar porphyry*
-  *andesite*
-  *tuff*
-  *gabbro*
-  *lamprophyre*
-  *carbonate shearing*
-  *diabase*

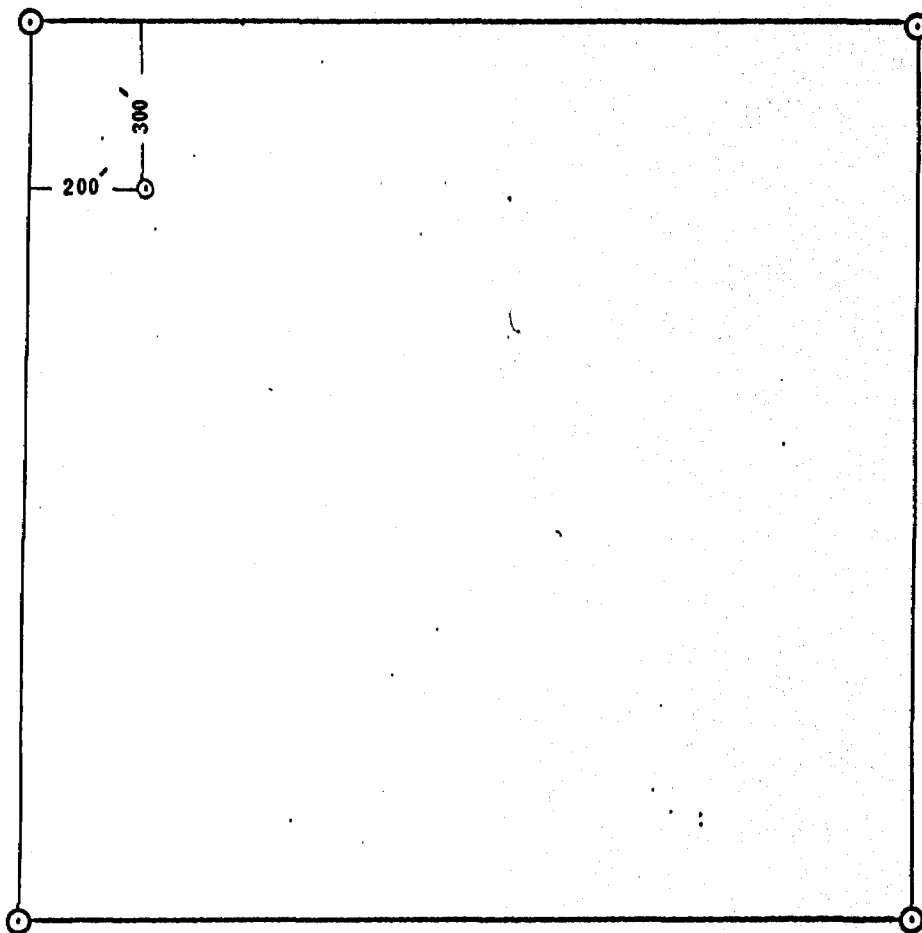
D.H. 81 - 12
Drill Section

NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 inch : 50 feet

PS. Archibald

CWA 1980



NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527553

DDH 81-12

0 200 400 ft

Bo. Ar. 12/13

NOLAN LAKE EXPLORATIONS INC.

PAGE: 1

DIAMOND DRILL HOLE 81 - 14

LOCATION: Rowan Lake area Kenora Dist. Ont. LATITUDE: 2 + 25 S BEARING: Mar. 16/81. STARTED
 DEPARTURE: L - 4+00 W ANGLE DIP: Vertical Mar. 17/81. FINISHED
 J. Essery LOGGED BY

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
0	5.0	Casing. (core recovered).		AU
5.0	153.0	<p><u>Intermediate Tuff.</u></p> <p>Slightly greenish, grading to grey-greenish toward bottom of section. Medium grained with minor sections of fine grained material. Generally siliceous with minor carbonitization.</p> <p>0 - 25.0 Possibly basic volcanics. Coarser grained. Massive texture. Scattered fine qtz seams with small segregations & sparse diss. pyrite.</p> <p>25.0 - 153.0 Fairly uniform texture throughout. Usual scattered fine qtz seams, unmineralized. Occasional small segregations & diss. cubical pyrite throughout core.</p> <p>Samples:</p> <p>8.0 - 13.0 (5.0) Fine to 1/2" qtz seams. Sparse diss py. N81141</p> <p>13.0 - 18.0 (5.0) " " " " " " " " N81142</p> <p>18.0 - 23.0 (5.0) " " " " " " " " N81143</p> <p>43.0 - 48.0 (5.0) " " " " " " " " N81144</p> <p>118.0 - 121.0 (3.0) 3" qtz vein. 20° to core. Diss. py. N81145</p> <p>NOTE:</p> <p>Though some qtz veining indicate near vertical dips, the majority of mineralized qtz veining show core-angles of 30° - 45° indicating a plunge or dip to the northwest, at a fairly flat angle.</p> <p align="right"><u>End of hole: 153!</u> John Essery</p>		

N

SURFACE

S



153

LEGEND

- quartz-feldspar porphyry
- andesite
- tuff
- gabbro
- lamprophyre
- carbonate shearing
- diabase

D.H. 81-14
Drill Section

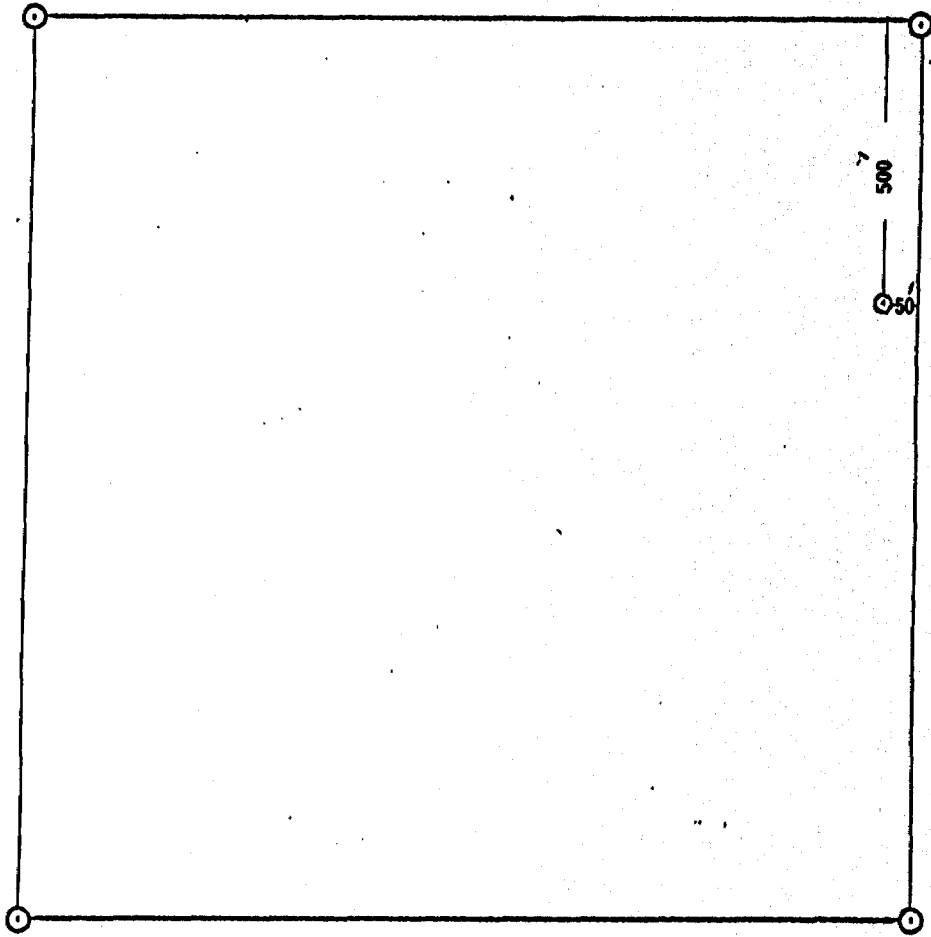
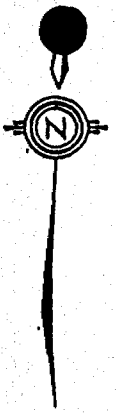
NOLAN LAKE EXPLORATIONS INC.

SCALE - 1 inch : 50 feet

PS. Archibald

CWA 1980

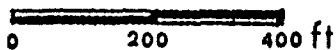
ES-11-11



NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527559

DDH 81 - 14



J. J. O'Neil

NOLAN LAKE EXPLORATIONS INC.

PAGE: 1

DIAMOND DRILL HOLE 81 - 15

LOCATION: Rowan Lake area
Kenora Dist. Ont.

LATITUDE: 0 + 50 S
DEPARTURE: I-5+50 W

BEARING:
ANGLE DIP Vertical

STARTED: Mar. 24/82
FINISHED: Mar. 25/82
LOGGED BY: J. Emery

FROM	TO	REMARKS	SAMPLE NO	SAMPLE LENGTH
0	28.0	Casing. (overburden)		
28.0	77.0	<u>Basic Tuff.</u> Dark green. Medium grained. Slightly sheared & chloritized in part. Schistosity 45° to core. Fine scattered qtz seams usually about 45° to core. Minor diss. pyrite at lower contact.		AU
77.0	80.0	<u>Qtz-carbonate.</u> Mainly qtz veining with minor oxidised pyrite diss. & in seams. Contacts 45° to core. Samples: 69.0 - 73.0 (4.0) Tuff. Minor qtz seams. Diss. pyrite 73.0 - 77.0 (4.0) " " " " " " 77.0 - 80.0 (3.0) Qtz-carb. vein. Oxidised pyrite. 80.0 - 84.0 (4.0) Tuff. Minor qtz seams. Diss. pyrite.	N81151 N81152 N81153 N81154	
80.0	173.0	<u>Intermediate Tuff.</u> Light green. Medium to fine grained. Lightly chloritized & carbonitized. Fairly uniform texture throughout. Usual scattered fine qtz seams. Mineralisation negligible throughout section. End of hole: 173'.		

John Emery







S

SURFACE

N



LEGEND

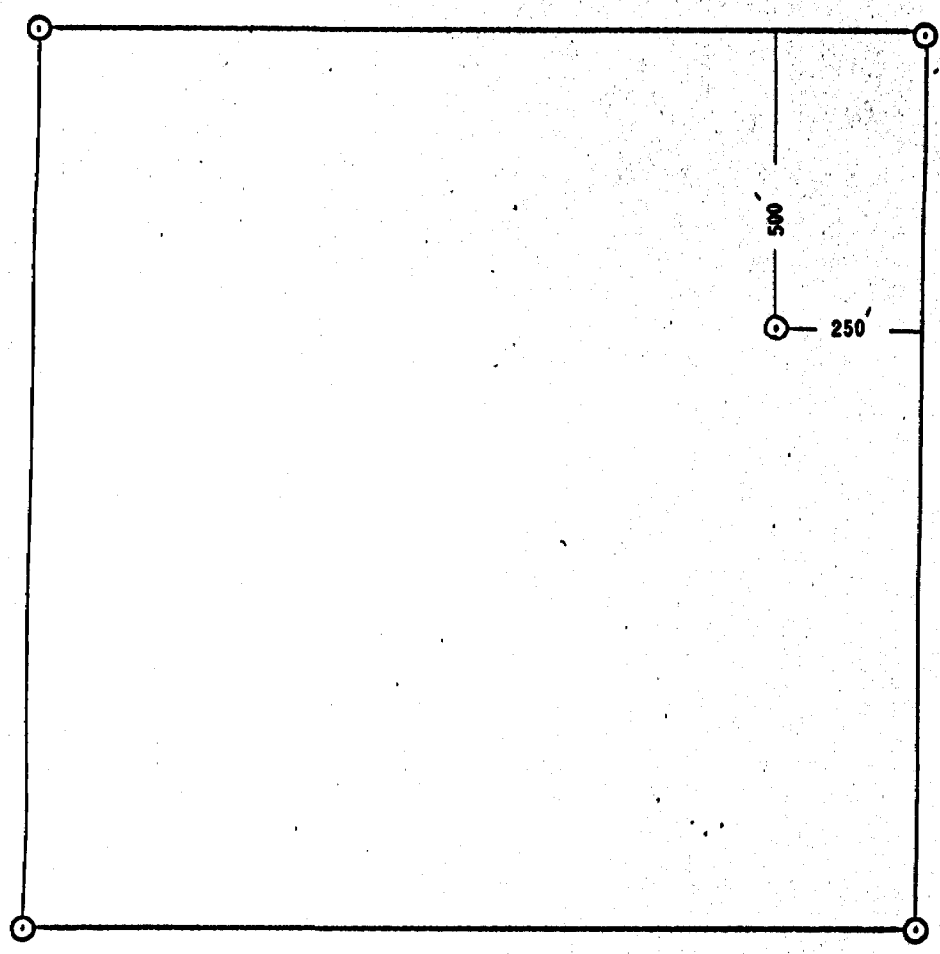
-  quartz-feldspar porphyry
-  andesite
-  tuff
-  gabbro
-  lamprophyre
-  carbonate shearing

D.H. 81-15 Drill Section

NOLAN LAKE EXPLORATIONS INC.

J.S. Archibald

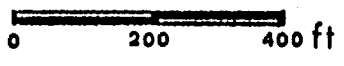
SCALE - 1 Inch : 50 feet



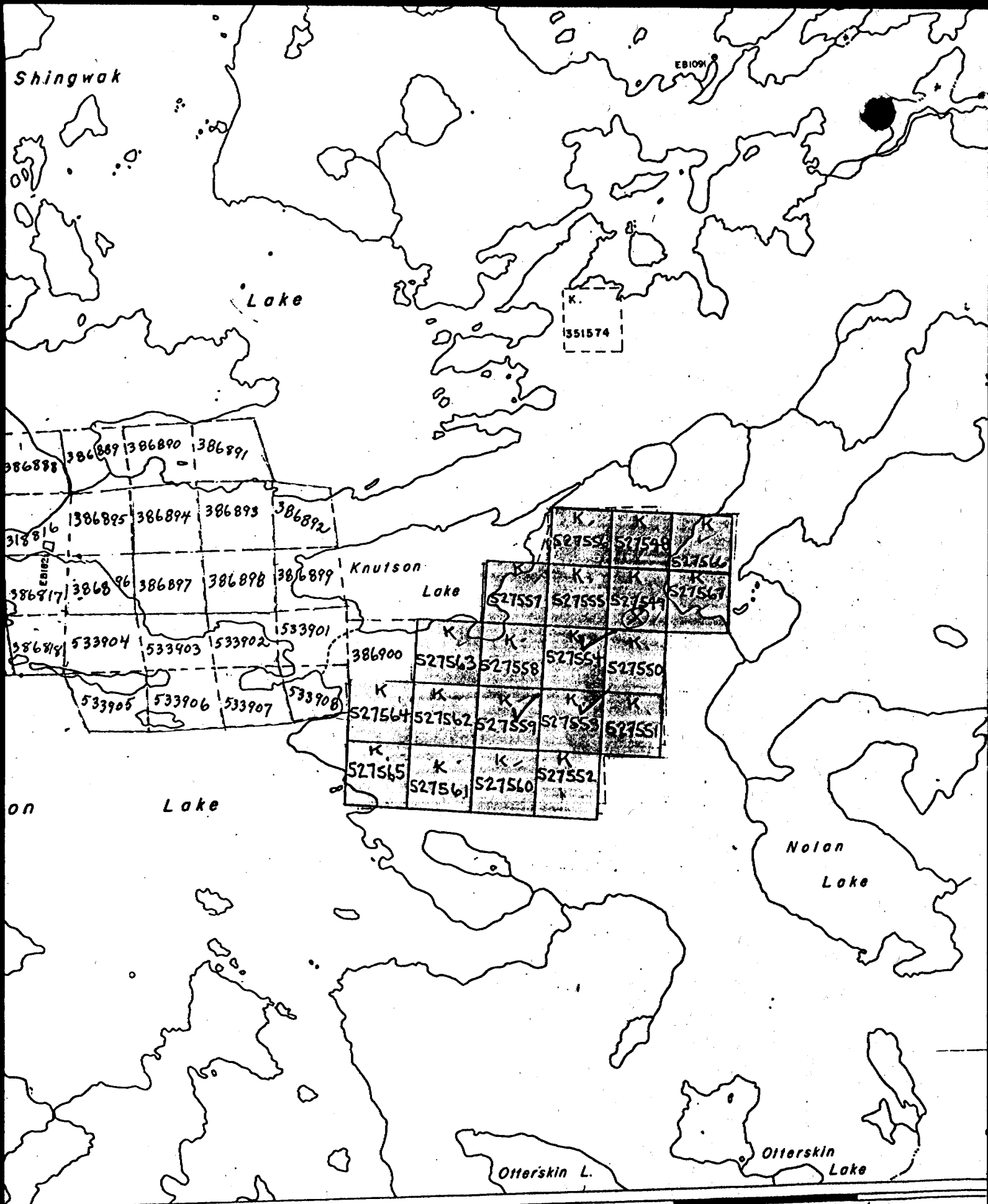
NOLAN LAKE EXPLORATIONS INC.

CLAIM -- 527559

DDH 81 - 15



JS. Arnold



DDH Report 25

NOLAN LAKE EXPLOR. #12-80
 BROOKS LAK
 INC.

ROWAN LAKE
 M-2580