

PORTER TOWNSHIP REPORT #14

This file contains work performed by Reactor Uranium Mines Limited on claims:

S.138101	Holes #1;	1968
	2;	1968
	3;	1968
	4;	1968
	5;	1968
	6;	1968
	8;	1968
S.138104	Hole #7;	1968

TOTAL: 7 DH



41105SE0009 0011B1 PORTER

**DIAMOND DRILL HOLE LOG**

COMPANY Reactor Uranium Mines Ltd.

Property: Porter Township, Claim S 138101

Hole No: RUM-1 Coords: 17+04 E, 9+32 N

Page 1

Bearing: N 74 E Angle: -46° Depth: 103'

Elevation: 69' above Lake Level.

FROM	TO	DESCRIPTION	% SULPH.	CORE REC'D	NO.	SAMPLE			ANALYSIS				
						FROM	TO	LENGTH	% U <sub>3</sub> O <sub>8</sub>	% ThO <sub>2</sub>			
0.0	6.0	Casing											
6.0	38.9	QUARTZITE Fine to Medium grained. Grey Buff to grey			401	30.3	30.9	0.6					
		clear Minor sericite			402	35.3	35.9	0.6					
					403	35.9	38.8	2.9					
38.9	45.8	CONGLOMERATE as below. No quartz pebbles.			404	38.8	39.8	1.0					
					405	39.8	41.1	1.3					
					406	41.1	45.7	4.6					
45.8	52.6	POLYMICCTIC CONGLOMERATE. Sub rounded Quartzpebbles.			407	45.7	47.8	2.1					
		Highly angular Amphibolitized greenstone pebbles, chloritic -			408	47.8	51.0	3.2					
		biotitic pebbles. Siliceous matrix			409	51.0	54.0	3.0					
		Minor streaks. Po - Occasional trace Cpy											
		Rare Py											
52.6	55.6	QUARTZ BIOTITE GARNET SCHIST? or phase of conglomerate			410	54.0	55.9	1.9					
55.6	66.1	QUARTZITE. Fine to Medium grained. Bluish-grey to			411	55.9	57.3	1.4					
		Greenish grey. Sericitic. Rare possible			412	57.3	58.8	1.5					
		pebbles(?). A few garnets in last foot.			413	58.8	64.5	5.7					



## DIAMOND DRILL HOLE LOG

COMPANY Reactor Uranium Mines Ltd.Property: Porter Township, Claim S 138101Hole No: RUM-2 Coords: 15+60 E. 8+84 NPage 1Bearing: N 70 E Angle: - 48° Depth: 255'Elevation: 44' above Lake Level.

FROM	TO	DESCRIPTION	% SULPH.	CORE REC'D	NO.	SAMPLE			ANALYSIS			
						FROM	TO	LENGTH	% U <sub>3</sub> O <sub>8</sub>	% ThO <sub>2</sub>		
0.0	5.0	Casing			417	125.1	125.4	0.3				
5.0	154.8	QUARTZITE. Fine to Medium grained. Greyish to Buffish. Fairly Massive. Minor Sericite			436	125.4	126.8	1.4				
		Rare plated Py on fractures.			418	126.8	127.3	0.5				
		"Granitic" alteration stringers from 66' to 86' and from 102' to 114'			437	127.3	132.8	5.5				
					419	132.8	133.1	0.3				
					438	133.1	139.7	6.6				
					420	139.7	140.1	0.4				
					439	140.1	143.1	3.0				
					440	151.8	154.8	3.0				
154.8	155.1	CONGLOMERATE. Quartz pebble. Siliceous matrix.			421	154.8	155.1	0.3				
155.1	172.8	POLYMICTIC CONGLOMERATE. Occasional sub-rounded quartz pebble. Highly angular altered volcanic fragments, Pebbles(?) Minor Po. Rare Cpy.			441	155.1	156.8	1.7				
		Trace Py. Quartz biotite matrix										
172.8	181.9	QUARTZITE. Fine to Medium grained dark grey. Sericitic. From 181.3'			442	175.1	178.1	3.0				
					422	178.1	178.4	0.3				

**DIAMOND DRILL HOLE LOG**

COMPANY \_\_\_\_\_

Property: \_\_\_\_\_  
 Hole No: RUM-2      Coords: \_\_\_\_\_  
 Bearing: \_\_\_\_\_      Angle: \_\_\_\_\_

FROM	TO	DESCRIPTION	% SULPH.	SAMPLE					ANALYSIS			
				CORE REC'D	NO.	FROM	TO	LENGTH	% U <sub>3</sub> O <sub>8</sub>	% ThO <sub>2</sub>		
		transitional change into the underlying rock unit.			443	178.4	182.1	3.7				
181.9	236.0	POLYMIC TIC CONGLOMERATE. Occasional Sub-rounded quartz pebbles, some fractured. Rare quartzite pebble. Highly angular volcanic fragments. Up to 1/4" garnets in Bands. Po splashes to threads. Occasional splash Cpy. Rare Py. Matrix highly siliceous from 224'.										
236.0	242.0	QUARTZ BIOTITE SCHIST. Rare garnets.										
242.0	254.6	QUARTZITE. Fine grained. Blue grey to dark. Slightly sericitic. Cherty from 247.6' to 248.2' Possible dyke or altered bed from 248.2' to 251.1' Contains fracture pattern with alteration. Fine grain dark grey.										
		END OF HOLE 254.6'										
		P. W. Green										

*P. W. Green*  
*12/50/64*



**DIAMOND DRILL HOLE LOG**

COMPANY \_\_\_\_\_

Property: \_\_\_\_\_

Hole No: RUM-3 Coords: \_\_\_\_\_

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Bearing: \_\_\_\_\_ Angle: \_\_\_\_\_

Depth: \_\_\_\_\_

FROM	TO	DESCRIPTION	% SULPH.	SAMPLE					ANALYSIS				
				CORE REC'D	NO.	FROM	TO	LENGTH	% U <sub>3</sub> O <sub>8</sub>	% ThO <sub>2</sub>			
		66.8' - 68.4'											
77.8	120.0	QUARTZ BIOTITE GARNET SCHIST?											
		POLYMICHTIC CONGLOMERATE? Occasional											
		sub-rounded Quartz and Quartzite pebbles.											
		Scattered altered volcanic fragments. Possible quartz											
		amygdules in some of the fragments. Siliceous matrix											
		to 82.5'.											
		END OF HOLE 120.0'											
		P. W. Green											

*PW Green  
at Sect.*

**DIAMOND DRILL HOLE LOG**

COMPANY Reactor Uranium Mines Ltd.

Property: Porter Township, Claim S 138101

Hole No: RUM-4 Coords: 16+64 E, 10+24 N

Bearing: N 79 E Angle: -69.5° Depth: 103'

Page \_\_\_\_\_

Elevation: 35' above Lake Level,

FROM	TO	DESCRIPTION	% SULPH.	CORE REC'D	NO.	SAMPLE			ANALYSIS			
						FROM	TO	LENGTH	% U <sub>3</sub> O <sub>8</sub>	% ThO <sub>2</sub>		
0.0	6.5	Casing										
6.5	103.4	QUARTZITE Fine to Medium grained			451	18.5	21.4	3.1				
		Grey Buff. Typical. Rare trace Py			430	21.4	22.7	1.3				
					452	22.7	25.0	2.3				
		END OF HOLE 103.4'										
		P. W. Green										

*P.W. Green  
M. Geol.*





















DIAMOND DRILL HOLE LOG

COMPANY \_\_\_\_\_

Property Hole No. RUM-8      Coords: \_\_\_\_\_  
 Bearing: \_\_\_\_\_      Angle: \_\_\_\_\_

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FROM	TO	DESCRIPTION	% SULPH.	SAMPLE			ANALYSIS					
				CORE REC'D	NO.	FROM	TO	LENGTH	% U <sub>3</sub> O <sub>8</sub>	% ThO <sub>2</sub>		
182.8	194.4	QUARTZITE Medium grained. Grey.				No Samples						
194.4	200.6	QUARTZ BIOTITE SCHIST. Possible volcanic fragment										
		194.5' to 194.8'. Some less schistose and has appearance										
		of slightly altered gabbro.										
200.6	225.0	POLYMIC TIC CONGLOMERATE. Up to 1/4" garnets										
		to 218.5'. Then finer and fewer. Minor Po-Cpy streaks,										
		splashes in matrix. A few quartz pebbles to start.			456	211.0	214.0	3.0				
		206.3 to 207.4' schistosity parallel to core, to 209.7'										
		large volcanic fragment 214.9 to 215.5' & 220.7' to										
		222.2' & 224.5 to 225.0'. Fault or Contact Breccia.										
		Quartzite 222.2 to 223.4' boulder?										
		Gabbro phase 223.4' - 224.5' boulder?										
225.0	244.2	QUARTZITE Medium grained. Dark grey to slightly										
		dark grey blue. Sericitic. Slightly feldspathic.										
		END OF HOLE 244.2'										
		P. W. Green										

*P. W. Green*  
*M. Scott*



41105SE0009 0011B1 PORTER

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ONTARIO

A separate form is required for each type of work to be recorded.

THE MINING ACT REPORT OF WORK

To the Recorder of Sudbury Mining Division

I, Reactor Uranium Mines Limited T 161  
name of Recorded Holder Miner's Licence

Suite 1015 - 159 Bay Street, Toronto  
Post Office Address

do hereby report the performance of 1,674 days of Diamond Drilling  
type of work

not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days
S 138101	338				
S 138102	334				
S 138103	334				
S 138104	334				
S 137891	334				

*S. 138101 - 1199 Assignment Days*  
*138104 475*

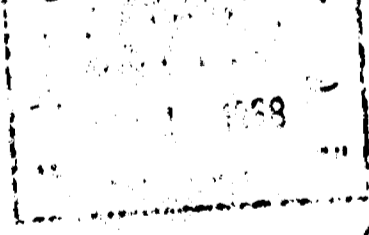
All the work was performed on Mining Claim (s) S. 138101 and S. 138104  
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
- For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
- For Compressed Air or Other Power Driven or Mechanical Equipment  
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
- For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
- With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
- For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.
- For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

Diamond Drill plans herewith in duplicate.  
Diamond Drill logs herewith in duplicate.



Date December 16, 1968

Peter Green  
Signature of Recorded Holder or Agent  
Peter Green

The Mining Act  
Certificate Verifying Report of Work

I, Peter Green

811 - 159 Bay Street, Toronto  
(Post Office Address)

hereby certify:

- That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed some during and/or after its completion.
- That the annexed report is true.

Dated Dec 16 1968

Peter Green  
Signature  
Peter Green

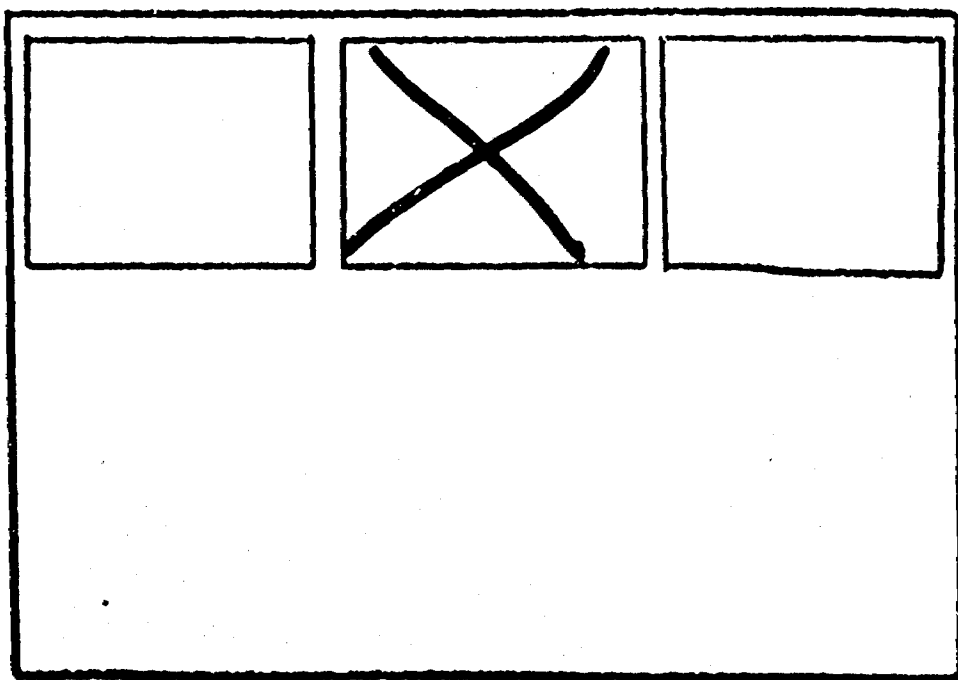
137891/1

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS \$500. OR SIX MONTHS IMPRISONMENT OR BOTH

SEE ACCOMPANYING  
MAP(S) IDENTIFIED AS

PORTER-0011-B1.#1

LOCATED IN THE MAP  
CHANNEL IN THE FOLLOWING  
SEQUENCE (X)



WATTS, GRIFFIS & MCQUAT LIMITED  
 CONSULTING ENGINEERS  
 1000 WEST 10TH STREET - CALGARY, ALBERTA

**REACTOR URANIUM MINES LIMITED**

**GEOLOGICAL MAP**

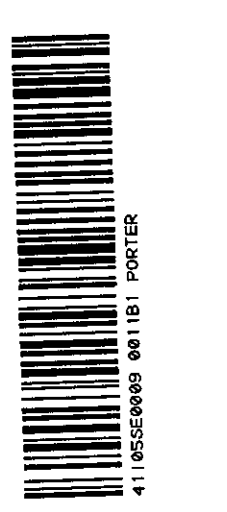
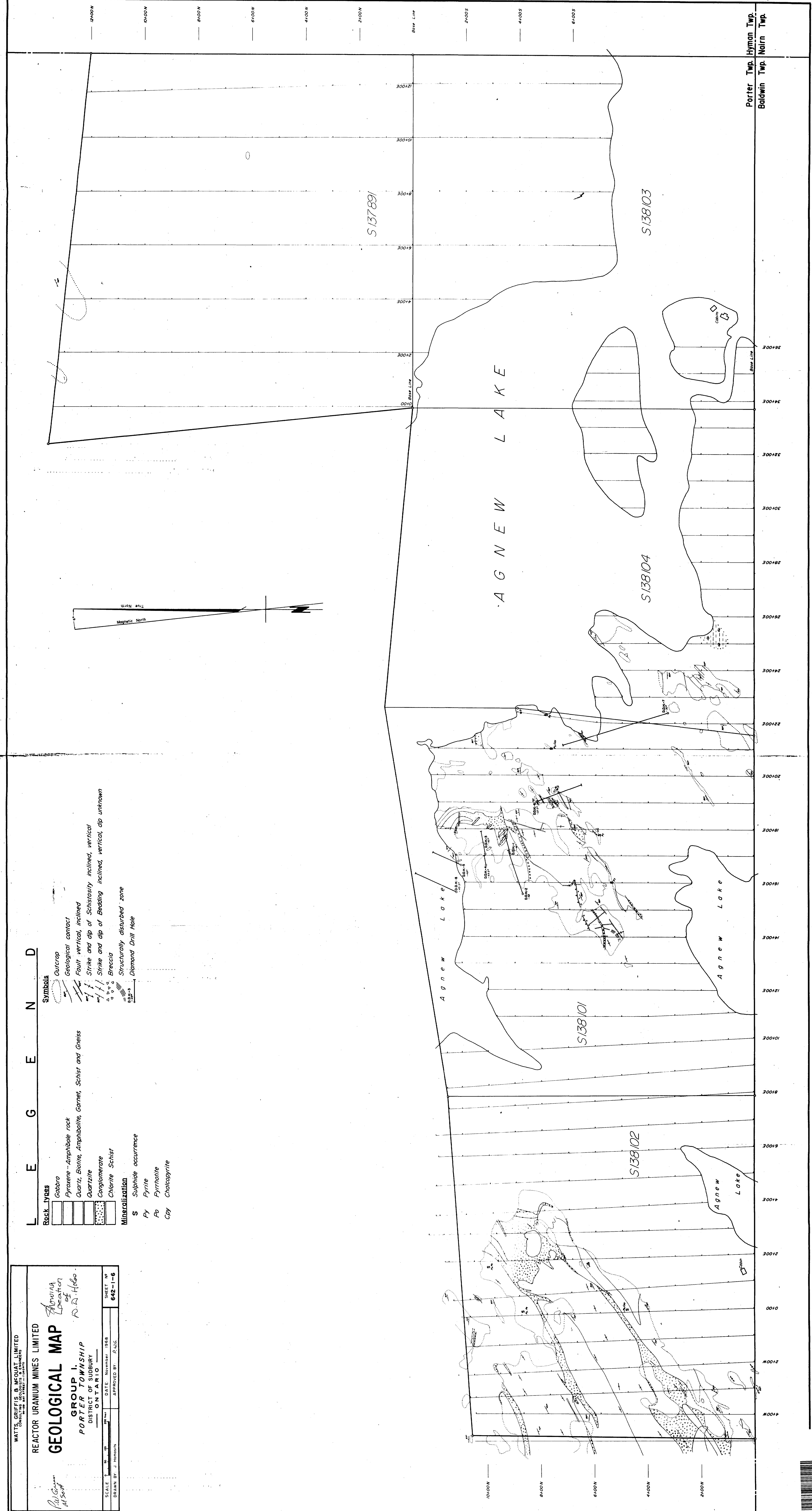
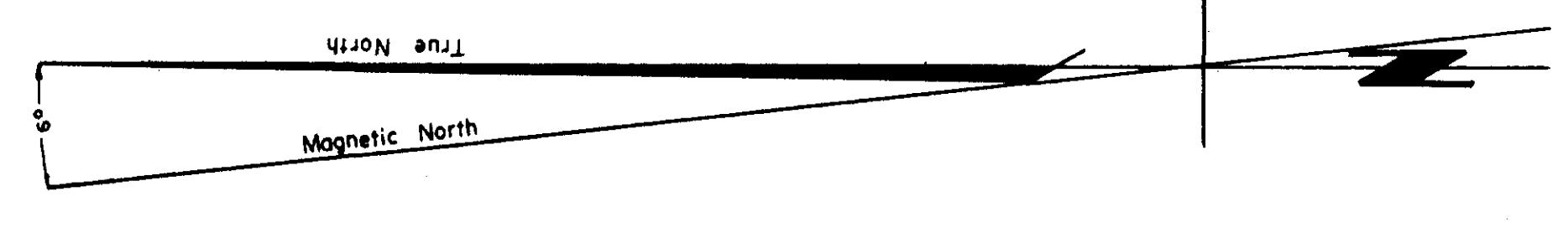
Showing Location of  
**GROUP 1,  
 PORTER TOWNSHIP**  
 DISTRICT OF SUBURBY  
 ONTARIO

R.A. Hobbs

SCALE 1:50,000  
 DATE November 1988  
 DRAWN BY J. Homsitz APPROVED BY P. J.C.

SHEET NO  
**642-1-6**

- L E G E N D**
- Rock Types**
- Gabbro
  - Pyroxene-Amphibole rock
  - Quartz, Biotite, Amphibole, Garnet, Schist and Gneiss
  - Quartzite
  - Conglomerate
  - Chert Schist
- Mineralization**
- S Subhedral occurrence
  - Py Pyrite
  - Po Pyrrhotite
  - Cpy Chalcopyrite
- Symbols**
- Outcrop
  - Geological contact
  - Fault, vertical, inclined
  - Strike and dip of Schistosity inclined, vertical
  - Strike and dip of Bedding inclined, vertical, dip unknown
  - Breccia
  - Structurally disturbed zone
  - Diamond Drill Hole



2000

PORTER-0011-81-#1