

DIAMOND DRILLING



41P116W0243 24 ASQUITH

010

TOWNSHIP: Asquith

REPORT No.: 24

WORK PERFORMED BY: R. C. Robinson

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
L 532154	A-83-1	125	Sept/83	(1)
	A-83-2	120	Sept/83	(1)
	A-83-3	120	Sept/83	(1)
	A-83-4	107	Aug/83	(1)
	A-83-5	102.5	Aug/83	(1)
	<u>5</u>	<u>574.5</u>		

NOTES: (1) #275-83



THE MINING ACT - MINISTRY OF NATURAL RESOURCES  
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. A-83-1 PAGE NO. 2 /

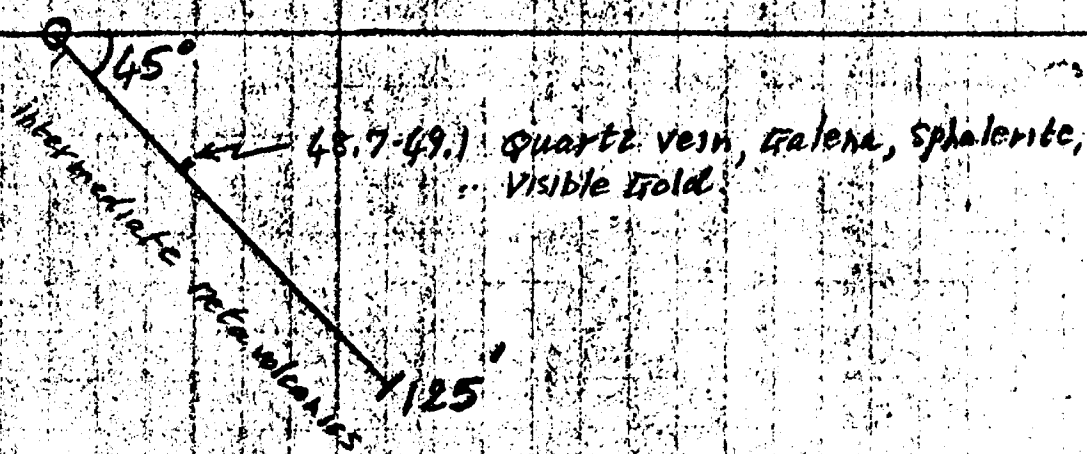
DRILLING COMPANY ART JUTRAS		COLLAR ELEVATION 1190'	BEARING OF HOLE FROM TRUE NORTH 45W	TOTAL FOOTAGE 125'	DIP OF HOLE AT collar 45Deg	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM 640'W & 540'S of #1 post of claim 532154	MAP REFERENCE NO. M.637	CLAIM NO. L532154	
DATE HOLE STARTED Sept. 1. 1983	DATE COMPLETED Sept. 5, 1983	DATE LOGGED Sept. 19/83	LOGGED BY Phil A.R. Brown		ft	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM 640'W & 540'S of #1 post of claim 532154	LOCATION (Tp., Lot, Con. OR Lat. and Long.) Asquith Twp., Ontario		
EXPLORATION CO., OWNER OR OPTIONEE Southgate Resources Ltd.		DATE SUBMITTED Sept. 20/83	SUBMITTED BY (Signature) <i>Randy C. Robinson</i> RANDY C. ROBINSON		ft		PROPERTY NAME		
					ft				
					ft				

FOOTAGE FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +		
							FROM	TO				
0	4.8	overburden										
4.8	125		Pale grey-green intermediate volcanics, massive 7 to 10% silicified zone less than $\frac{1}{8}$ fine									
			at 12.5 one $\frac{1}{4}$ " seam 50% pyrrhotite 70 deg to core axis		15'							
			17 to 19' - 20% Qtz.carb stringers, fine pyrite $\frac{1}{8}$		40'							
			-21.4 to 21.7- Qtz.carb zone pyrrhotite, pyrite 1%									
			-29' to 30.5' core ground(stick in box)									
			45' - becomes sheared 50deg to core axis			F43959	47.3	48.3	1'			
						F43960	48.3	49.3	1'			
	48.6'	t0	48.6'-48.7' 20% pyrite and pyrrhotite			F43961	49.3	50.8	1.5			
	49.2'	is vein zone	48.7'-49.1' Quartz vein, glassy, slightly smokey, fine traces of galena, sphalerite and visible gold(fine & blebs). Vein contacts core at $\pm 45$ deg.			F43962	50.8	52.3	1.5			
			49.1' -49.2' 20% pyrite and pyrrhotite.									
			49.2'-52.5' sheared zone, numerous quartz carb. threads		65'							
			72.0'-74.3' core ground(stick in box)									
			113.0'-115.0' breccia zone- buff carbonate, minor pyrrhotite, chalcopyrite and minor quartz(possible flow top)		90'							
					115'							
			121.5'-123.0' core ground(stick in box)									
			End of hole at 125'									
			CORE DIAMETER $\frac{7}{8}$ "									

\* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Worksheet.

#1 Bearing N45°W

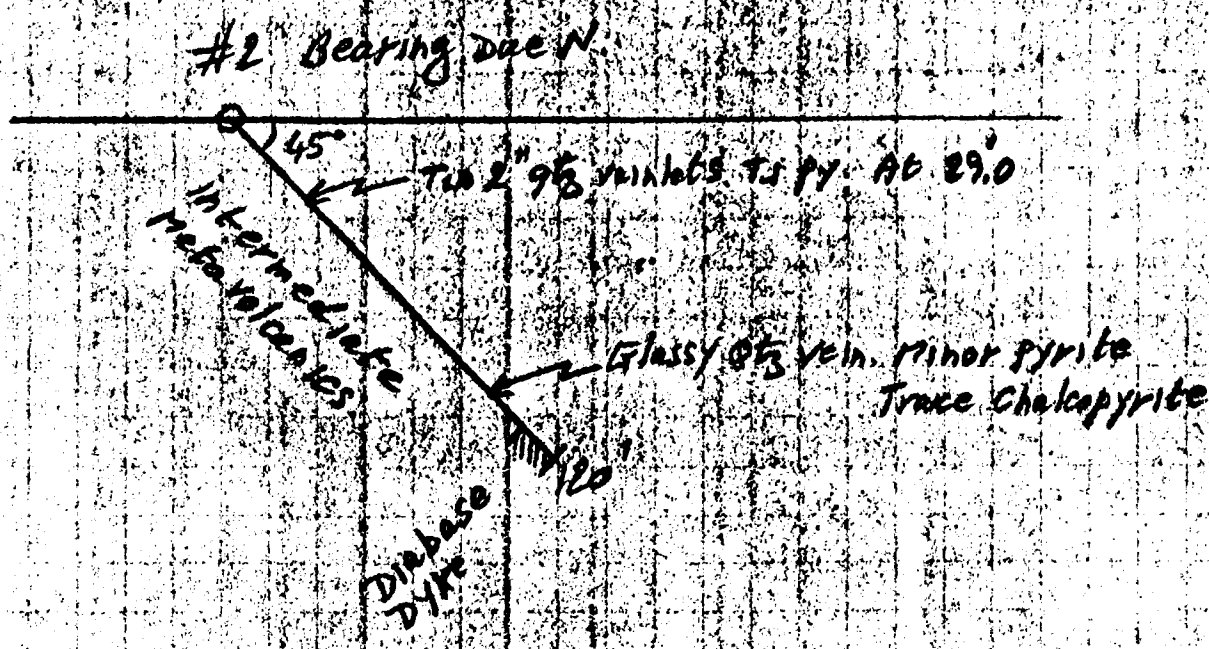


From	To	Sample No.
47.3	48.3	F43959
48.3	49.3	F43960
49.3	50.8	F43961
50.8	52.3	F43962

SOUTHGATE  
ASQUITH TOWNSHIP  
RDM # A.83-1  
SCALE 1" = 50'

P.A.R. Brown  
SEPT. 83





From	To	Sample No.
23.5	24.5	F43963
30.5	32.0	F43964
98.25	99.25	F43965

Southgate  
 ASQUITH TOWNSHIP  
 DDH # A83-2  
 SCALE 1" = 50'  
 P.A.R. Brown  
 SEPT '83



THE MINING ACT - MINISTRY OF NATURAL RESOURCES  
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

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HOLE NO. A-83-3 PAGE NO. 1

DRILLING COMPANY ART JUTRAS		COLLAR ELEVATION 1190'	BEARING OF HOLE FROM TRUE NORTH 0 deg.	TOTAL FOOTAGE 120.0	DIP OF HOLE AT 45 deg.	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM 640' W & 540'S of #1 post of claim 532154	MAP REFERENCE NO. M.637	CLAIM NO. L532154	
DATE HOLE STARTED SEPT 11/83	DATE COMPLETED SEPT 16/83	DATE LOGGED SEPT 19/83	LOGGED BY Phil Brown		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.) Asquith Twp., Ontario	PROPERTY NAME	
EXPLORATION CO., OWNER OR OPTIONEE Southgate Resources Ltd.		DATE SUBMITTED Sept. 20/83	SUBMITTED BY (Signature) <i>Randy C. Robinson</i> RANDY C. ROBINSON		ft				
					ft				

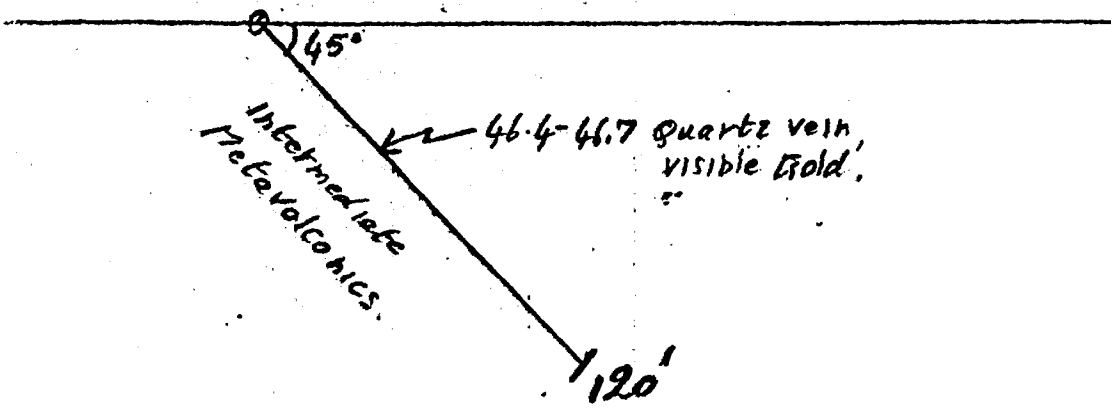
FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +		
FROM	TO						FROM	TO				
0	4.0	overburden										
4.0	120.0		Pale grey green, intermediate volcanic, scattered carbonate threads, local weak concentrations of pyrite at 14.8. 0.2' quartz carbonate stringer									
	20.0-21.5		2-3% fine pyrite and quartz carbonate threads		5'	F43966	20.0	21.5	1.5'			
	at 30.0-32.2		one 1" quartz carbonate stringer 80 deg. to core axis.		30'	F43967	45.0	46.0	1'			
	46.4-46.7		quartz veinlet, glassy, minor chlorite, considerable visible gold, with 18" shearing on each side of vein.			F43968	46.0	47.0	1'			
	49.0-50.0		core ground, stick in box.									
	50.0-52.0		Bleached zone, carbonate alteration, minor quartz veining, fine pyrite		55'							
	70.0-71.0		Sugary 4" quartz vein with some creamy carbonate, traces pyrite, pyrrhotite									
	86.5-87.0		Glassy quartz vein, some chlorite, 45 deg. to core axis		80'							
	95.0-96.0		Core ground, stick in box									
	99.0-100.0		3" quartz vein, 30 deg. to core axis, fine pyrite at contacts, barren appearance.									
	107.0-108.0		2" quartz vein 30-deg.-to-core-axis, fine-pyrite at-contacts, a minor pyrrhotite and pyrite									
	119.0-120.0		3" quartz vein, minor fine pyrite									
			END OF HOLE 120.0'									
			CORE DIAMETER 7/8"									

\* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.



#3. Bearing Due N.



From	To	Sample No.
20.0	21.5	F43966
45.0	46.0	F43967
46.0	47.0	F43968
47.0	48.0	F43969

SOUTHEAST

ASQUITH TOWNSHIP

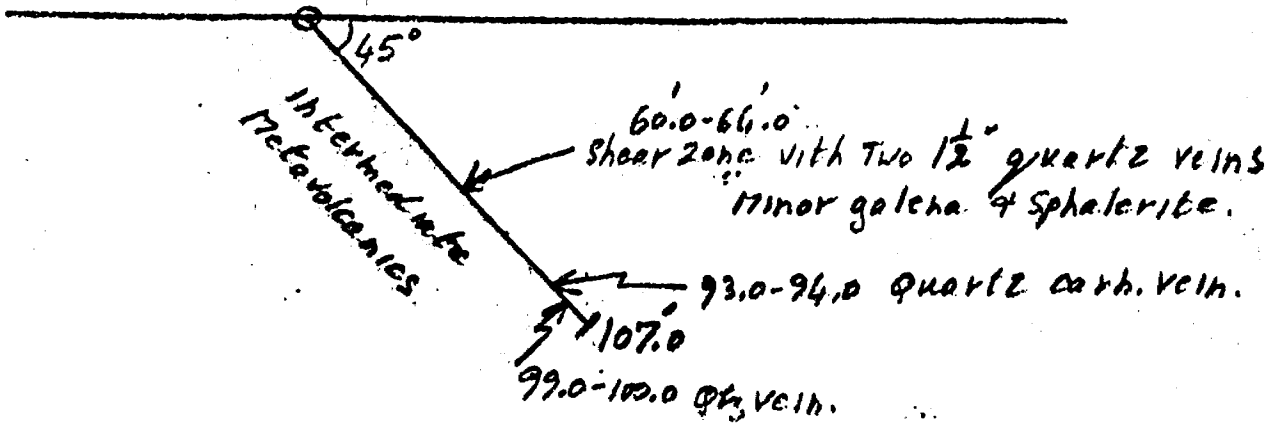
DDH A 83-3

Scale 1:50'

PAK. Brown.  
SEPT 83



#4 Bearing Due N.



From	To	Sample No.
60.0	62.5	F43970
93.0	94.0	F43971
99.0	100.0	F43972

SOUTHGATE  
ASQUITH TOWNSHIP  
DDH A83-4  
SCALE 1" = 50'

P.R. Brown  
SEPT 8 3



THE MINING ACT - MINISTRY OF NATURAL RESOURCES  
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

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HOLE NO. A-83-5 PAGE NO. 1

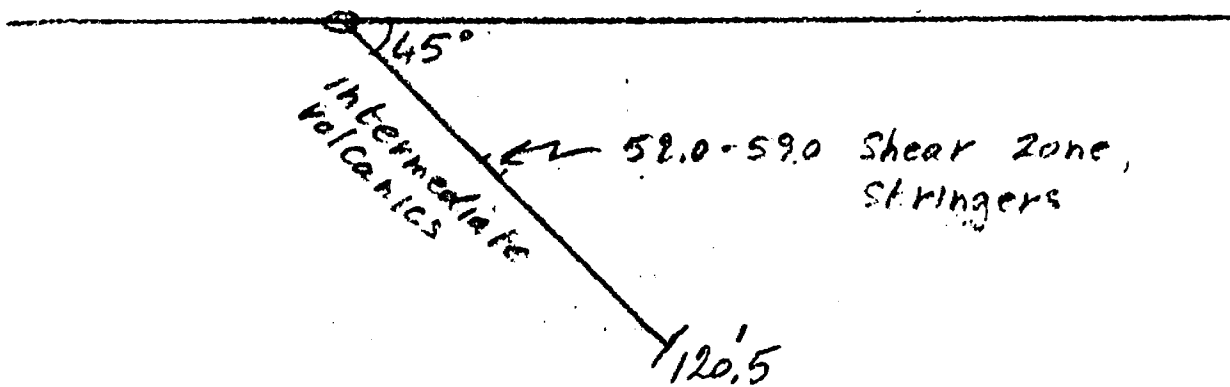
DRILLING COMPANY ART JUTRAS		COLLAR ELEVATION 1160	BEARING OF HOLE FROM TRUE NORTH 0 deg.	TOTAL FOOTAGE 120.5	DIP OF HOLE AT collar 45 deg.	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM 730'W & 565'S of #1 post of claim 532154	MAP REFERENCE NO. M.637	CLAIM NO. L532154
DATE HOLE STARTED Aug. 25/83	DATE COMPLETED Aug. 31/83	DATE LOGGED Sept. 19/83	LOGGED BY Phil Brown	ft			LOCATION (Tp., Lot, Con. OR Lat. and Long.) Asquith Twp. Ont.	
EXPLORATION CO., OWNER OR OPTIONEE Southgate Resources Ltd.		DATE SUBMITTED Sept. 20/83	SUBMITTED BY (Signature) <i>R. C. Robinson</i> R. C. ROBINSON.	ft			PROPERTY NAME	
				ft				

FOOTAGE		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN FOOTAGE +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS +	
FROM	TO						FROM	TO			
0	3.5	overburden									
3.5	120.5		Pale grey-green intermediate volcanics, scattered stringers 4.5-5.0 quartz vein, buff carbonate, traces pyrrhotite & chalcopyrite								
		at	10.5 1/2" quartz vein, chalcopyrite & pyrrhotite		8'	F43973	4.0	5.0	1'		
			25.0 - 25.5 core ground, stick in box			F43974	25.5	26.5	1'		
			25.5 - 26.5 three small quartz veins with pyrite			F43975	54.0	55.0	1'		
			30.0 - 30.5 core ground, stick in box		33'	F43976	56.5	59.0	2.5'		
			52.0 - 59.0 shear zone at 54.5 2" glassy quartz, trace pyrite - 55.0 - 56.5 core ground, stick in box		59'	F43977	80.5	81.5	1'		
			91.0 - 82.0 2" glassy quartz vein 65 deg. to core axis no sulphides seen. (favourable appearance)		83'						
			88.0 - 89.0 Quartz carbonate threads, trace pyrrhotite		108'						
			END OF HOLE 120.5								
			CORE DIAMETER 7/8"								

\* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

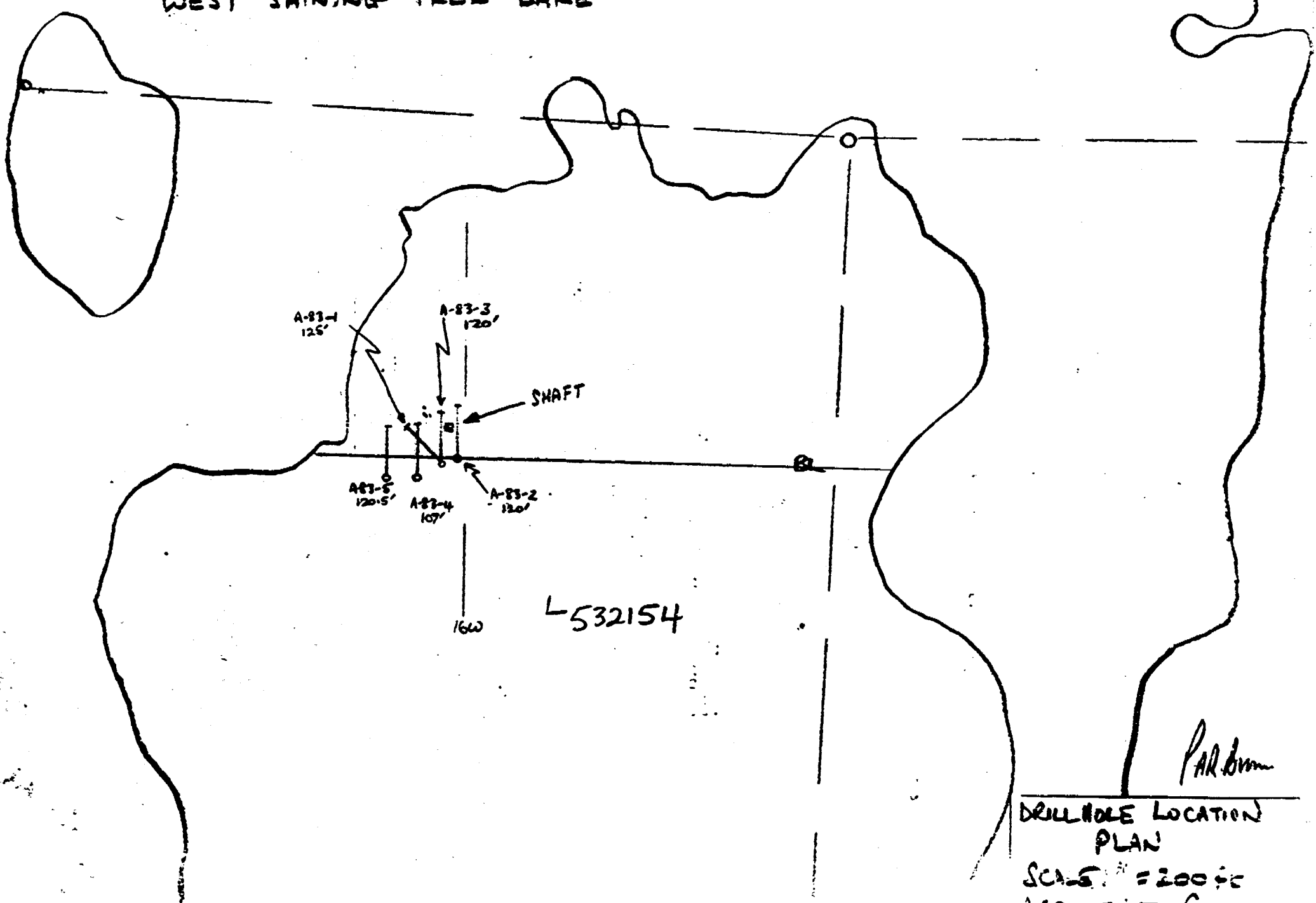
#5 Bearing due N



From	To	Sample No.
4.0	5.0	F43973
25.5	26.5	F43974
54.0	55.0	F43975
56.5	59.0	F43976
80.5	81.5	F43977

SOUTHGATE  
ASQUITH TOWNSHIP  
DPH A83-5  
SCALE 1" = 50'  
P.A.R. Brown.  
SEPT 83

WEST SHINING TREE LAKE



L-532154

PAR. B. M.

DRILL HOLE LOCATION  
PLAN  
SCALE: 1" = 200 FT  
AS OF 7/11/50

Submission of core specimens.

A-83-1 15', 40', 65', 90', 115'

A-83-2 20', 45', 70', 95', 119'

A-83-3 5', 30', 55', 80'

A-83-4 5', 30', 55', 80'

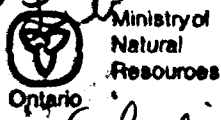
A-83-5 8', 33', 59', 83', 108'

P.A.R. Brown.

DRILLHOLES IN ASQUITH TWP CL# 53215H,

19/Sept 1983.

assess W8308-275



Report of Work



A separate form for each order (see table below).  
 In form no. 1862 Report physical, geochemical and

Name and Postal Address of Recorded Holder  
**RANDY C. ROBINSON**  
**451 GREENWOOD AVE, NORTH BAY, ONTARIO P1B 5G5**  
 900 C-34120

Summary of Work Performance and Distribution of Credits

Total Work Days Claimed <b>612.5</b>	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only)  <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	L	571504	80	L	478821	60			
		571505	80		642732	20			
		532154	40		<del>XXXXXXXX</del>				
		532155	70		642734	20			
		532636	80		<del>XXXXXXXX</del>				
		532637	80		642736	4			
		478819	18.5						
	478820	60							

Required Information eg: type of equipment, Names, Addresses, etc. (See Table below)

**X-Ray machine.** ART JUTRAS Hwy 11N NORTH BAY.  
**DRILLER:** ART JUTRAS  
 HWY. 11 N., NORTH BAY, ONT.  
**HELPERS:** DAVE ROOPLY 23, MARTIN ST N. BAY.  
 NORMAN JUTRAS 215-2ND AVE. W. NORTH BAY  
 BRIAN LYNCH 38 HWY 11 N. BAY

**Dates:** DRILLING COMMENCED AUG. 16/83  
 FINISHED SEPT. 16/83

**CORE SIZE:** 7/8" DIAMETER.  
 ALL HOLES DRILLED ON CLAIM L532154, ASQUITH TWP., ONTARIO  
 23 Core specimens submitted for an additional 20 days credit. (As per attached list)

5 HOLES DRILLED FOR A TOTAL OF 592.5 FT.  
 (SEE CORE LOGS FOR DETAILS)  
 HOLE NUMBERS: A-93-1; A-93-2; A-93-3;  
 A-93-4; A-93-5.

SEP 30 1983  
 RECEIVED  
 RECORDED - SEP 20 1983  
 REC. No. \_\_\_\_\_

Certification Verifying Report of Work

I 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 same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying  
**PHILIP A. R. BROWN RR#1 CORBELL POHKO**

Date of Report: 19 Sept 1983  
 Recorded by (Signature): P.A.R. Brown

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific Information	Other Information (Common to 2 or more types)	Attachments
Manual Work	<b>RECEIVED</b> SEP 20 1983 AM 7 48 19 10 11 12 1 12 13 14 15 16 MINING DIV	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.			
Power Stripping			

Note: Proof of actual cost must be submitted within 30 days of recording.

Names and addresses of owner or operator together with dates when drilling/stripping

