

Diamond Drilling



42A15NW0009 18 HANNA

010

Township of HANNA

Report No 18

Work performed by: Geophysical Engineering Limited

Claim No	Hole No	Footage	Date	Note
P 427936	PP4-5	80.0'	Mar/77	(1)
	Resubmitted to	347.0'	Mar/77	(2)
	PP4-5A	120.0'	Mar/77	(2)
		<u>467'</u>		

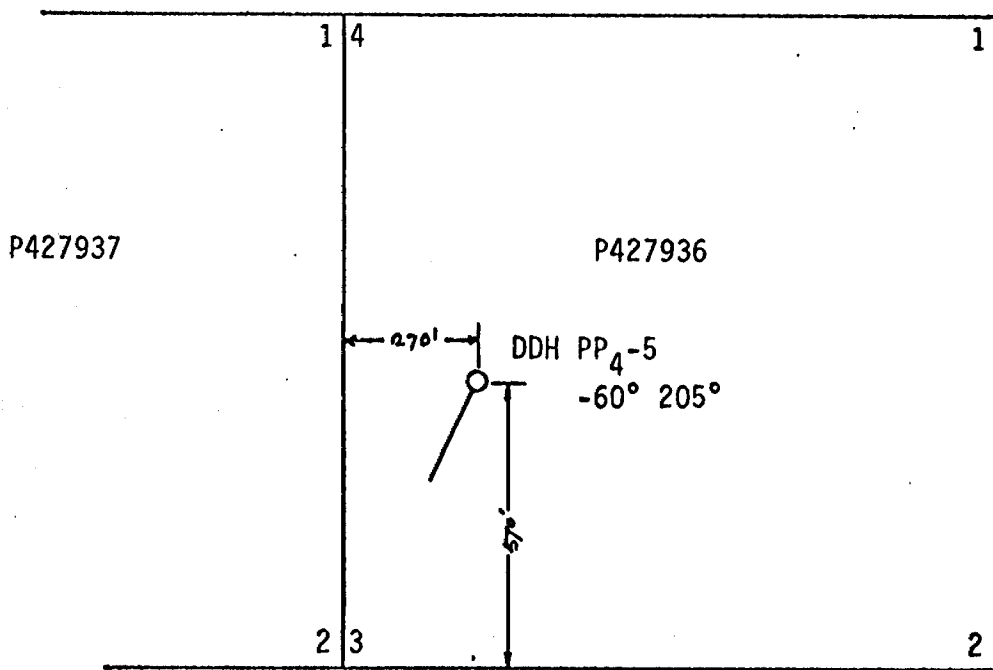
Notes:

(1) #82-77

(2) #215-77

#82-77
Hanna Twp.

HANNA TWP.



GEOPHYSICAL ENGINEERING LIMITED

DIAMOND DRILL LOG

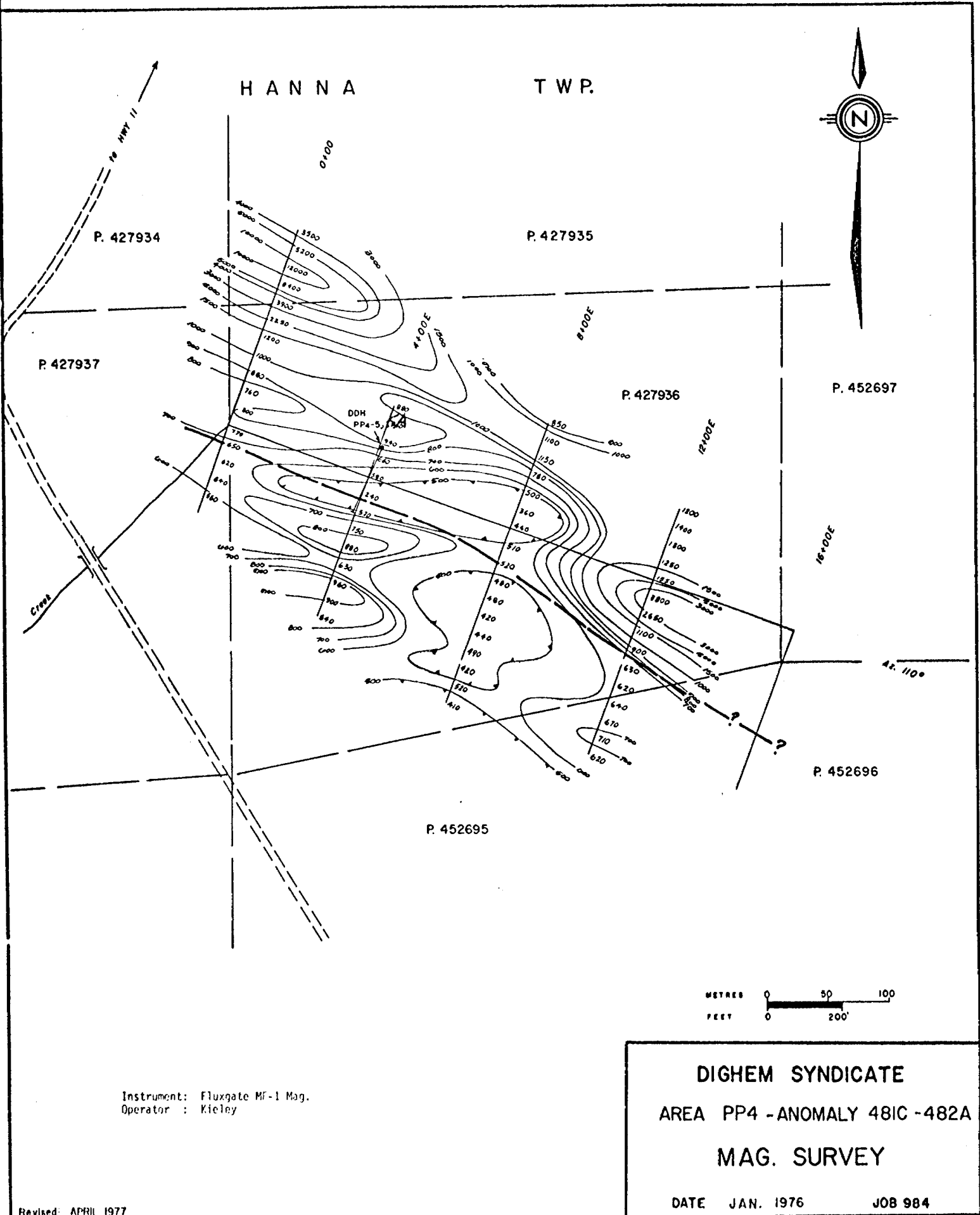
Hole PP4-5
Sheet 1 of 1

Job <u>984 PP4 N.1.S. 42 A/14</u>	Objective <u>To test conductor</u>	Core Location <u>North Bay</u>	Tests	Location Sketch
Property <u>Group 4</u>	<u>481C-482A</u>	<u>Ontario</u>		
Township <u>Hanna</u>	Drilling Co. <u>Bradley Bros.</u>	Distance to water <u>2000'</u>	At Collar <u>280.0</u>	Dip <u>60°</u> Azimuth <u>205°</u>
Location: Lat. <u>46°N</u>	<u>Limited</u>	Casing lost _____		
Dep. <u>2400'</u>	Commenced <u>March 25/77</u>	Core Size <u>A0</u>		
Elev'n _____	Completed <u>March 27/77</u>			
Logged <u>L. Neelands</u>	Length <u>347.0</u>			
Remarks <u>Main conductor intersected at 229.5-246.6. Minor conductors intersected at 72.3-80.0, 123.8-135.6, and 213.8-223.2.</u>				

Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
0	56.0	CASING						
56.0	72.3	BASALT	Medium green color, fine-grained, schistose 60° to core axis, chlorite alteration, 1% carbonate - mainly in fractures -5 per metre, minor magnetite.					
72.3	80.0	SEDIMENTS	Grey-black interbedded pyrrhotite lamellae, shale and siltstone. 20% graphitic shale, 75% siltstone 5% pyrrhotite - pyrite (ratio 9:1) Core angle 60° to core axis. Bedding distorted. Upper contact sharp, lower contact contorted and gradational over 5cm. 20% pyrrhotite between 77.6-77.8.	A1435	76.6	77.8	1.2	

L. Neelands

Hanna Twp.
215-77
GEOPH. EN'NG



Instrument: Fluxgate MF-1 Mag.
Operator: Kieley

DIGHEM SYNDICATE
AREA PP4 - ANOMALY 48IC - 482A
MAG. SURVEY
DATE JAN. 1976 JOB 984

Revised: APRIL 1977

GEOPHYSICAL ENGINEERING LIMITED
DIAMOND DRILL LOG

Hole PP4-5
Sheet 1 of 1

Job <u>984 PP4 H.T.S. 42 A/14</u> Property <u>Group PP4-4</u> Township <u>Hanna</u> Location: Lat. <u>1°6'0N</u> Dep. <u>2°00E</u> Elev'n _____ Logged <u>L. Neelands</u>	Objective <u>To test conductor</u> <u>481C-482A</u> Drilling Co. <u>Bradley Brothers</u> <u>Limited</u> Commenced <u>March 26, 1977</u> Completed <u>March 28, 1977</u> Length <u>347.0</u>	Core Location <u>North Bay</u> <u>Ontario</u> Distance to water <u>2000'</u> Casing Lost _____ Core Size <u>AQ</u>	Tests At Collar <u>250.0</u> Dip <u>60°</u> Azimuth <u>54°</u> A: length <u>205'</u>	Location Sketch 427937 DOH PP4-5 427936 1"=1000'
Remarks <u>Main conductor intersected at 229.5-246.6. Minor conductors intersected at 72.3-80.0, 123.8-135.6, and 213.8-223.2.</u>				

Footage		Rock Type	Description	Sample No.	From	To	Length feet	Assays										
From	To							Cu ppm	Pb ppm	Zn ppm	Ni ppm	Mn ppm	Ag ppm	Au ppt				
0	56.0	CASING																
56.0	72.3	BASALT	Medium green color, fine-grained, schistose 60° to core axis, chlorite alteration, 1% carbonate-mainly in fractures, minor magnetite.															
72.3	80.0	SEDIMENTS	Grey-black interbedded pyrrhotite lamellae, shale and siltstone. 20% graphitic shale, 75% siltstone 5% pyrrhotite - pyrite (ratio 9:1) core angle 60° to core axis. Bedding distorted. Upper contact sharp, lower contact contorted and gradational over 5cm. 20% pyrrhotite between 76.6-77.8.	A1435	76.6	77.8	1.2	495	46	2600	153	144	2.8	30				
80.0	123.8	BASALT	As from 56.0-72.3. Light green bands form ellipsoid lenses in distorted rock. Prominent between 80.0 and 100.0. Amygdules are present but rare. Crystals of quartz (?) occur within green alteration (?) bands.															
123.8	135.6	SEDIMENTS	Grey-black, fine-grained, 75% siltstone, 20% graphitic shale 5% pyrrhotite-pyrite (ratio 5:1). Bedding 80° to core axis. The following sections contain 40% graphitic shale and 50% siltstone; 127.2-128.5 (10% pyrrhotite) 129.5-130.0 (10% pyrrhotite) 131.5-135.6 (5% pyrrhotite).	A1436 A1437 A1438	127.2 129.5 131.5	128.5 130.0 135.6	1.3 0.5 4.1	480 1300 405	37 53 22	1500 3500 2400	79 127 87	274 440 244	1.9 3.0 1.2	100 55 20				
135.6	213.8	BASALT	As from 80.0-123.8. Increase in fracturing. Minor magnetite. No sulphides.															
213.8	223.2	SEDIMENTS	As from 72.3-80.0, 2% pyrrhotite, 20% graphitic shale 78% siltstone. Core angles 60° to core axis. 220.4-223.4 - 5% pyrrhotite, 35% shale, 60% siltstone.	A1439	220.4	223.4	3.0	364	43	2000	102	293	1.8	10				
223.2	229.5	BASALT	As from 80.0-123.8															
229.5	246.6	SEDIMENTS (CONDUCTOR)	As from 72.3 to 80.0. 40% siltstone, 60% graphitic shale 9% pyrrhotite, 1% pyrite. Contains quartz spherules elongated in distorted bedding planes. Between 236.0-238.0 - 15% pyrrhotite.	A1440 A1441 A1442	229.5 236.0 238.0	236.0 238.0 246.6	6.5 2.0 8.6	415 505 561	37 56 102	1200 3300 5260	104 178 125	540 176 380	2.2 2.5 2.7	15 30 55				
246.6	347.0	BASALT	As from 80.0-123.8.															
347.0		END OF HOLE																



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DIAMOND DRILL LOG

Hole PP4 5A
Sheet 1 of 1

Job <u>984 PP5 N.T.S. 42 A/14</u> Property <u>Group PP4-4</u> Township <u>Hanna</u> Location: Lat. <u>1+60N</u> Dep. <u>2+00E</u> Elev. _____ Logged <u>J.T. Neelands</u>	Objective <u>Test conductor</u> <u>48TC-482A</u> Drilling Co. <u>Bradley Brothers</u> <u>Ltd. Timmins</u> Commenced <u>Mar. 25/77</u> Completed <u>Mar. 26/77</u> Length <u>120.0'</u>	Core location <u>North Bay</u> <u>Ontario</u> Distance to water <u>2000'</u> Casing lost <u>60' AW</u> Core Size <u>AQ</u>	Tests At Collar Dip <u>50°</u> Azimuth <u>205°</u> _____ _____ _____ _____ _____	Location Sketch <div style="text-align: right; margin-top: 20px;"> </div>
Remarks <u>Hole lost in overburden.</u>				

Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
0.0	117.0	OVERBURDEN						
117.0	120.0	BASALT						
120.0		END OF HOLE	The hole skidded down sloping bedrock surface then was lost in broken rock.					

