



42B09NW0008 24 BELFORD

010

Diamond Drilling

Township of BELFORD

Report N<sup>o</sup> 24

Work performed by: Geophysical Engineering Limited

Claim N <sup>o</sup>	Hole N <sup>o</sup>	Footage	Date	Note
480936	EE4-1	360.0'	Apr/78	(1)
504511	EE5-1	122.2M	May/78	(2)

Notes:

(1) #126-78

(2) #129-78

Belford

#126-78

# BELFORD TV

M-657

	480934	480933	480932	480931	
	<i>DDH EE4-1</i>				
480939	480935	480936	480937	480938	
480915	480914	480911	480910	480909	<u>Group EE-4</u>
480916	480917	480918	480913	480912	
492564	480920	480919			

	504512	504513	508642	
	504515	504514	508643	
	<i>DDHEES-1</i>			
508649	504510	504511	508644	
508648	508647	508646	508645	

## Group EE-5

*These locations are tied to topography not claim corners. They should be accurate within 200 feet.*

	469647	469646	469645	469644	469643	<u>Group</u>	
	479638	469639	469640	469641	469642	480373	480374
	479637	479636	479635	479634	479633	480372	480371
						480365	480366

Paypeeshek

River

1" = 1320'

Rapids

GEOPHYSICAL ENGINEERING LIMITED

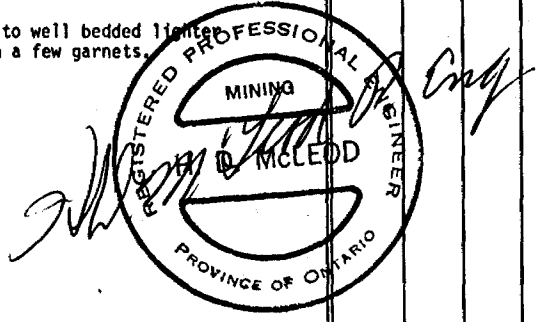
DIAMOND DRILL LOG

Hole EE4 - 1  
Sheet 1 of 1

Job <u>924 EE</u> U.T.S. <u>52 B/9</u>	Objective <u>Test conductor</u>	Core location <u>North Bay</u>	Tests	Location Sketch								
Property <u>Group EE4</u>	<u>3A-6A</u>	<u>Ontario</u>										
Township <u>Balford</u>	Drilling Co. <u>Bradley Bros.</u>	Distance to water _____	At Collar <u>360'</u>	<table border="1"> <tr> <td>Dip <u>50°</u></td> <td>Azimuth <u>North</u></td> </tr> <tr> <td><u>40°</u></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Dip <u>50°</u>	Azimuth <u>North</u>	<u>40°</u>					
Dip <u>50°</u>	Azimuth <u>North</u>											
<u>40°</u>												
Location: Lat. <u>10+65H</u>	Commenced <u>78-4-29</u>	Casing Lost _____										
Dep. <u>13+00E</u>	Completed <u>78-5-1</u>	Core Size <u>40</u>										
Elev'n _____	Length <u>360.0'</u>											
Logged <u>H.D. McLeod</u>												
Remarks _____												



Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays					
From	To							Cu %	Zn %	Ag ozs/ton	Au ozs/ton		
0.0	91.0	OVERBURDEN											
91.0	93.0	GRAPHITIC SLATE	Badly broken up. Well bedded at 20° to the core axis.										
93.0	116.8	SEDIMENTS	Quartzites with biotite patches and seams. Bedding at 20° to the core axis changes rapidly to 45°. A few grains of sphalerite in a quartz seam at 100.7.										
116.8	121.0	DIKE	Black biotite rich lamprophyre with irregular white calcite grains or patches to 3/8". Contacts chilled and sharp but irregular.										
121.0	195.0	SEDIMENTS	Blue-grey to grey quartzite or arkose. Biotite and chlorite along bedding planes. Bedding regular from 50° to 60° to the core axis.										
195.0	251.3	SEDIMENTS	Darker due to a higher biotite content. More strongly metamorphosed. A dark blue-grey color. Bedded at 55° to 60° to the core axis. 208.0 - a few patches of pyrrhotite with rare grains of chalcopyrite. 241.0-243.6 - slaty section with streaks and disseminated pyrite and pyrrhotite to 5%. Black slate fragments in the last 6 inches.										
251.3	257.3	SLATE	Black, weakly graphitic, 15%-20% pyrite in disseminated grains and seams. Thinly disseminated sphalerite.	1954	251.3	257.3	6.0	0.03	0.10	N11	N11		
257.3	271.4	QUARTZITE	Buff grey, sericitic, tiny pyrite-biotite patches. 269.0-270.0 slaty section with 5% pyrite.										
271.4	275.1	SLATE	As for section 251.3-257.3 above.	1955	271.4	275.1	3.7	0.04	0.14	N11	N11		
275.1	280.0	QUARTZITE	Bedding 60° to core axis.										
280.0	284.5	SEDIMENTS	Interbedded slate and quartzite. Graphitic, 5% pyrite in patches and seams.										
284.5	288.0	QUARTZITE	Fine-grained, light grey, massive quartz rock with some biotite.										
288.0	291.1	SLATE	As for section 251.3-257.3 above.	1956	288.0	291.1	3.1	0.02	0.19	N11	0.002		
291.1	292.0	DIKE	As for section 116.8 to 121.0 above. Lower contact sharp and conformable.										
292.0	292.4	QUARTZITE	Strongly sericitic, 5% pyrite. Bedding regular at 70° to the core axis.										
292.4	329.5	GREYWACKE	Dark grey, poorly bedded, strongly metamorphosed, small pink garnets throughout. Biotite rich sections, some with epidote. Rare seams of pyrite.										
329.5	357.5	SEDIMENTS (?)	Uniform dark grey soft fine grained rock lined in places at 60° to 70° to the core axis. Scattered conformable streaks of bronze biotite.										
357.5	360.0	SEDIMENTS	Gradational change to well bedded lighter colored arkose with a few garnets.										
360.0		END OF HOLE											



Belford

#129-78

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M-657

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*DDH EE-4-1*

Group EE-4

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*DDH EE-5-1*

Group EE-5

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					480365	480366

Rapids

Creek

Paypeeshek

River

1" = 1320'

Rapids

GEOPHYSICAL ENGINEERING LIMITED

DIAMOND DRILL LOG

Hole EE5-1  
Sheet 1 of 1

Job <u>EE H.T.S. 42 B/9</u>	Objective <u>Test conductor</u>	Core location <u>North Bay</u>	Tests	Location Sketch
Property <u>Group 115</u>	<u>2C-4C</u>	<u>Ontario</u>		
Township <u>Belford</u>	Drilling Co. <u>Bradley Bros</u>	Distance to water _____	At Collar <u>121.9m</u>	
Location: Lat. <u>0+65mN</u>	Commenced <u>78-5-4</u>	Casing lost _____	Dip <u>50°</u>	
Dep. <u>4+50mE</u>	Completed <u>78-5-6</u>	Core Size <u>AQ</u>	Azimuth <u>318°</u>	
Logged <u>H.D. McLeod</u>	Length <u>122.2m</u>			
Remarks _____				

Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
0.0	42.7m	OVERBURDEN						
42.7m	49.4m	MAFIC FLOW	Basalt medium-grained, dark green, chloritic, becomes finer-grained at the low contact. 42.7m-45.7m - numerous quartz carbonate stringers.					
49.4m	55.6m	FLOW	Andesite (?). Fine-grained medium grey, uniform, soft. Irregular quartz carbonate stringers and patches with some pyrite.					
55.6m	71.9m	SEDIMENTS	Badly broken up, brecciated and strongly leached. Mainly black fine-grained argillite with 10% interbedded grey to blue-grey chert. Bedding 60° to the core axis however contorted in sections. Minor amounts of pyrite. The argillite graphitic in places.					
			RANDOM GRAB	1957	55.6m	68.9m	13.3m	
			58.2m-59.1m - Lost core. 68.9m-71.9m - Massive, weakly bedded, minor pyrite.					
71.9m	72.5m	CONTACT ZONE	Fragments of argillite in andesite.					
72.5m	77.1m	ANDESITE (?)	Fine-grained, soft, uniform, medium grey.					
77.1m	80.8m	SEDIMENTS	Dark grey, uniform, random color bedding at 50° to core axis. Thinly disseminated small garnets.					
80.8m	98.8m	MAFIC FLOWS	Medium to dark green, chloritic. Mostly fine-grained but with random short medium-grained sections. Disseminated small pale pink garnets suggest sediments however no bedding or lineation is present.					
98.8m	99.2m	APLITE DIKE	Fine-grained, pale grey. Upper contact sharp and irregular, low sharp at 85° to the core axis.					
99.2m	103.5m	MAFIC FLOW	As for 80.8m-98.8m above. Strong biotite development. A few black angular biotite-rich fragments (?) at the lower contact.					
103.5m	103.8m	PORPHYRY	Grey felsic rock with white grains. Upper contact sharp at 70° to the core axis, lower contact gradational.					
103.8m	122.2m	SEDIMENTS	Dark grey, highly metamorphosed, strongly contorted, thinly disseminated small garnets throughout. Strong development of biotite, amphibole and chlorite. 117.3m-117.6m - biotite lamprophyre dike with small calcite grains.					
122.2m		END OF HOLE						

