42A01SE8917 16 EBY

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Diamond Drilling

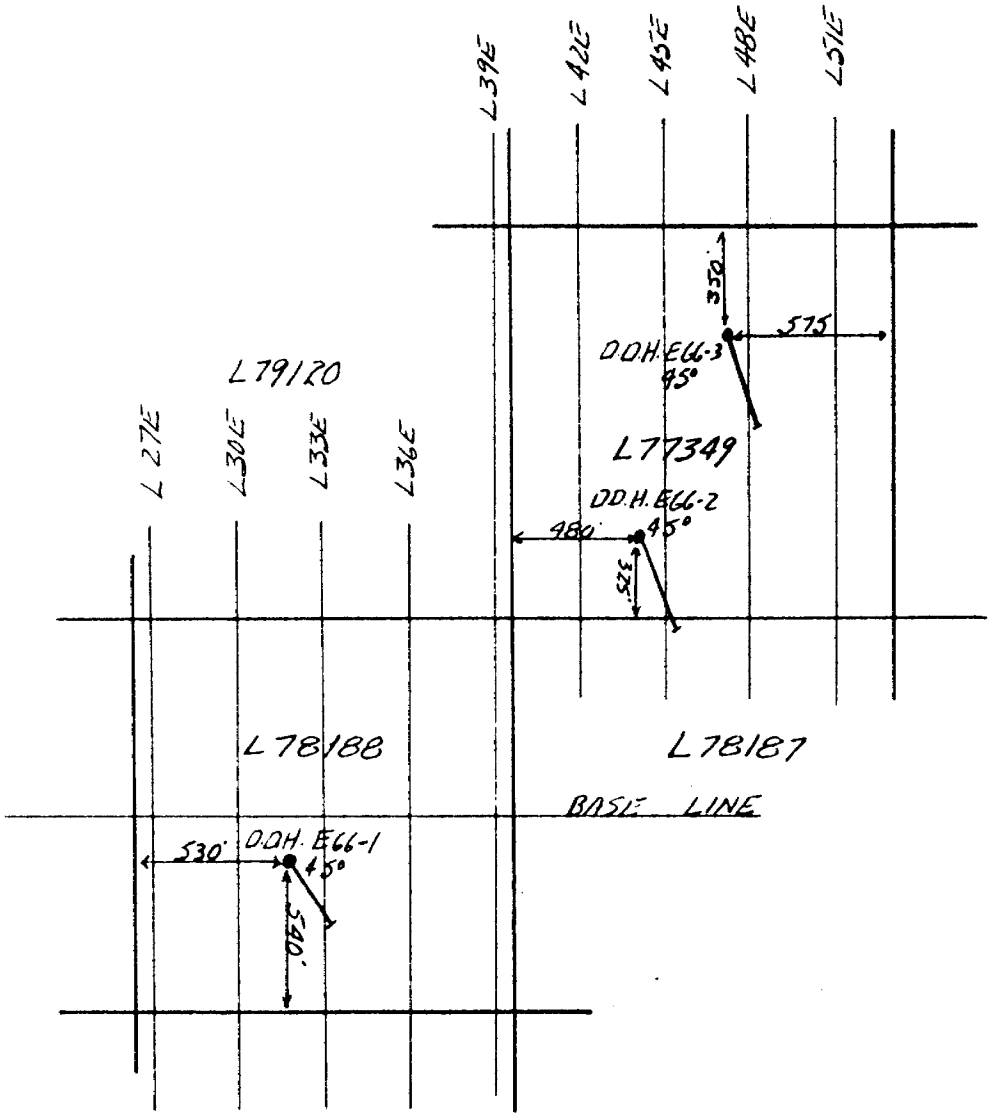
Township of EBY

Report Nº 16

Work performed by: Keevil Consultants

Claim Nº	Hole Nº	Footage	Date	Note
L 78188	E66-1	409.0'	Jan/66	
L 77349	E66-2	607.0'	Jan/66	
	E66-3	492.0'	Feb/66	
		508'		

Notes:





KEEVIL CONSULTANTS LTD.

EBY TOWNSHIP CLAIMS

LOCATION OF DRILL HOLES.

SCALE: 1" = 660' FEB. 1966

L- 77349

DIAMOND DRILL RECORD

PROPERTY No. 750 - Eby Township - Ontario HOLE NO. E66-1

SHEET NUMBER 1 SECTION FROM ____ TO ____ STARTED January 13th, 1966

LATITUDE 1 ± 40S DATUM 0' - 220.3' COMPLETED January 21st, 1966

DEPARTURE 28 ± 80E BEARING Az. 150° ULTIMATE DEPTH 409'

ELEVATION ____ DIP Collar 45°, 140'-44°, 400 38° PROPOSED DEPTH ____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
0.0 - 128.3	Casing						
128.3 - 140.5	Sediment, gray, meduum to fine grain, bedding 45° to CA. some nodular chlorite, minor qtz carb., pyrite min. - 1% 129.7-130.8 argilacious.						
140.5 - 146.0	Quartz Feldspar Porphyry, gray, medium grain, hard, pyrite min. - 1%						
146.0 - 149.5	Peridotite, dark, fine grain, hard, min. negative.						
149.5 - 153.5	Serpentinite, gray, medium grain, fibrous, pyrite min. sparse.						
153.5 - 156.5	Contact zone, bedding remnant as low as 15° to CA.						
156.5 - 210.4	Argillite, almost black, very fine grain, hard bedding range from 30° to parallel to CA. irregular shaped compound metacryst, very minor qtz. carb., pyrite, chalcopyrite min. 1% ±.						
210.4 - 220.3	Greywacke (?) gray, medium grain, hard, bedding remnant (?) 40° to CA. min. sparse to negative.						
220.3 - 351.0	Quartzite (Sulphide Iron Formation), fine grain, occasional silicious, bedding fairly constant at 55° to CA. pyrite, pyrrhotite, magnetite, sparse chlorite, min. irregular average 10% to 15%						

REGISTERED PROFESSIONAL ENGINEER

N.M.P., TORONTO—STOCK FORM No. 501 REV. 12/51

DRILLED BY Continental Diamond Drilling. Co. SIGNED R. Petersen

DIAMOND DRILL RECORD

PROPERTY No. 750 - Eby Township - Ontario **HOLE NO.** E66-1

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $ Cu%	SILVER $ Ni%	Zn%	Au ozs.
	220.3-227.3 - pyrite, min. 80%	2	7.0'	0.02			Nil
	227.3-229.1 - dyke, (serpentinite ?) gray, medium grain, hard, pyrite - 1%						
	245.0-255.0 - sulphides 30%	3	10.0'	0.02	Nil		Nil
	285.0-292.2 - sulphides 15%	4	9.2'	0.02	Nil		Nil
	294.2-294.9 - dyke, gray green, fine grain						
	347.0-360.0 - sulphides 30%	5	13.0'	0.03	Nil	Nil	Nil
351.0 - 409.0	Rhyolite ? brecciated, gray, fine grain, hard intense irregular chlorite, sulphide, garnet alteration, pyrrhotite, pyrite, min. 5% to 10% (this might be a highly altered tuff).						
409.0	End of hole.						

N.M.P., TORONTO—STOCK FORM No. 501 REV. 12/51

DRILLED BY Continental Diamond Drilling Co. SIGNED .....

DIAMOND DRILL RECORD

PROPERTY No. 750 - Eby Township - Ontario **HOLE NO.** E66-2

SHEET NUMBER 1 | SECTION FROM 0.0' TO 343.2' | STARTED January 25th, 1966

LATITUDE 9 S 80N | DATUM | COMPLETED February 3rd, 1966

DEPARTURE 44 E 40E | BEARING Az. 165° | ULTIMATE DEPTH 607.0'

ELEVATION | DIP Collar - 45° | PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $ Cu%		
0.0 - 65.0	Casing						
65.0 - 217.3	Sediment 65.0-139.0 - Banded, variable colour, fine grain, hard bedding 40° to CA. min. sparse to negative. 139.0-154.7 - Greywacke, dark gray, bedding 45° to CA. 154.7-217.3 - Diorite, dark greenish, fair amount of carbonate.						
217.3 - 226.9	Intrusive ? dark green, very fine grain, hard, min. negative.						
226.9 - 381.3	Sediment 226.9-239.0 - Quartzite, impure, bedding 45° to CA., pyrite, pyrrhotite, chlorite, min. 5% ∠ 239.0-253.5 - Tuff, siliceous, minor qtz. carb. min. sparse. 253.5-272.5 - Quartzite (as above) min. 5% - 10% 250.0-260.0 pyrrhotite, pyrite, 5%.	6	10.0'	Nil	0.02	Zn.	None
	272.5-285.0 - Greywacke.						

N.M.P., TORONTO—STOCK FORM No. 501 REV. 12/51

DRILLED BY Continental Diamond Drilling SIGNED R. Petersen

DIAMOND DRILL RECORD

PROPERTY No. 750 - Eby Township - Ontario **HOLE NO.** E66-2

SHEET NUMBER 2 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $	
	285.0-381.3 - Quartzite, impure, mattled greenish, bedding 50° to CA. at 300'.					
	328.1-328.7 0 Cherty graphite remnant.					
	334.5-340.3 - Cherty graphite, pyrrhotite, pyrite, min. 5%+.					
	335.0-340.0 - pyrrhtotite, pyr., min. 5%+.	7	5.0	Nil	0.03	Ni. None
	342.0-343.2 - Cherty graphite. From 350' occasional banded section.					
	357.5-358.6 - Cherty graphite.					
381.3 - 468.0	Iron Formation, quartzite, magnetite, chlorite, pyrite, pyrrhotite, min. average 15% to 20% (pyrite, pyrrhotite - 2%)					
	395.0-405.0 magnetite 15%	8	10.0'			Iron soluble 12.9%
	405.0-415.0 magnetite 15%	9	10.0'			14.9%
	415.0-425.0 magnetite 15%	10	10.0'			14.3%
	425.0-435.0 magnetite 20%	11	10.0'			18.4%
	435.0-445.0 magnetite 40%	12	10.0'			22.6%
	445.0-455.0 magnetite 30%	13	10.0'			24.4%
	455.0-465.0 magnetite 30%	14	10.0			24.2%
	70.0' average 18.8% - 40.0& average 22.8%					
468.0 - 607.0	Sediment					
	468.0-481.5 - Biotite, hornblende, chlorite,					

N.M.P., TORONTO—STOCK FORM No. 501 REV. 12/51

DRILLED BY Continental Diamond Drilling SIGNED R. Petersen

DIAMOND DRILL RECORD

PROPERTY No. 750 - Eby Township - Ontario **HOLE NO.** E66-2

SHEET NUMBER 3 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH ____

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $			
	gray green, medium grain, medium soft, min. negative.							
	481.5-506.5 - Quartzite, parts siliceous, pyrrhotite, pyrite, chalcopyrite, min. 1%.							
	506.5-528.0 - Tuff, greenish, fine grain hard, quartz carb., epidote.							
	528.0-562.0 - Quartzite, parts banded at 60° to CA., chlorite, magnetite, pyrrhotite, pyrite, garnets, min.-5%.							
	562.0-576.6 - Tuff (as above)							
	576.6-607.0 - Greywacke, dark brownish grey, medium grain, hard, minor quartz carb. and some epidote, bedding 50° to CA., min. sparse.							
607.0	End of Hole.							

N.M.P., TORONTO—STOCK FORM No. 501 REV. 12/51

DRILLED BY ..... SIGNED .....

DIAMOND DRILL RECORD

KEEVIL CONSULTANTS LTD.

PROPERTY No. 750 - Eby Township - Ontario HOLE NO. E66-3

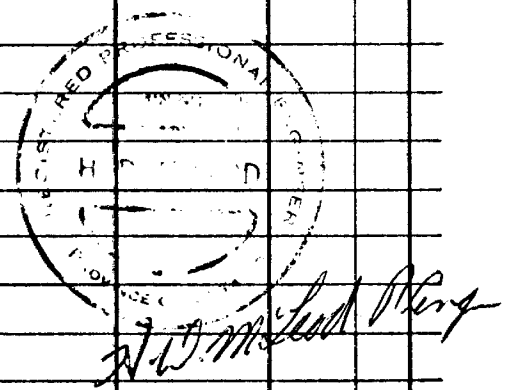
SHEET NUMBER 1 SECTION FROM 0.0' TO 492.0' STARTED February 7, 1966

LATITUDE 16 / 25N DATUM COMPLETED February 14, 1966

DEPARTURE 47 / 00E BEARING Az. 155° ULTIMATE DEPTH 492.0'

ELEVATION DIP Collar 45° PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD $	SLUDGE Copper %	Zn%	Ni%
0.0 - 136.0	CASING						
136.0 - 352.0	RHYOLITE -						
	Porphyritic, somewhat cherty, variated colour, medium to very fine grain, hard, clear tiny qtz. eyes, occasional section peppered with leucoxenite (?) some carbonate and qtz. carbonate alteration, intermittents foliation, average 40° to the core axis, pyrite, pyrrhotite, specks of chalcopyrite, mineralization - 1%.						
	297.5 - 299.2 - Diorite (?).						
	313.0 - 315.0 - Lost core.						
352.0 - 426.9	QUARTZITE -						
	Impure, banded interbedding of cherty graphite, pyrrhotite, pyrite, specks chalcopyrite.						
	352.0 - 375.0 - graphite 10% to 15%, mineralization - 10%.						
	365.0 - 375.0 - mineralization 10%-15% (Lost core 369.1 - 370.0)	15	10.0	Nil	0.01	None	
	375.0 - 397.7 - graphite 20%, mineralization 10% to 15%.						



N.M.P., TORONTO—STOCK FORM No. 501 REV. 12/51

DRILLED BY Continental Diamond Drilling Co. Ltd. SIGNED R. Peterson

DIAMOND DRILL RECORD

PROPERTY _____ HOLE NO. E66-3

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $	Copper %	Zn %	Ni %
	397.7 - 416.5 - Graphite 30%, mineralization 25% ±.							
	397.7 - 406.7 - Mineralization 20%.	16	9.0	Nil		0.02	0.02	None
	406.7 - 416.5 - Mineralization 25% ±.	17	9.8	Nil		0.02	0.04	None
	416.5 - 426.9 - Graphite 20%, min. 10%-15%.							
426.9 - 492.0	SEDIMENT - Gray greenish, medium grain, hard, chlorite alteration in parts gives a fragmental or brecciated appearance, bedding 50° to 60° to the core axis, pyrrhotite, pyrite, mineralization ranging from sparse to 2%.							
492.0	END OF HOLE.							

N.M.P., TORONTO—STOCK FORM No. 501 REV. 12/51

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