



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST J. Jarvis					
SITE DESCRIPTION Exelon COL Project (Victoria Site)						MACTEC PROJECT NO.: 6468-07-1777						GROUND WATER (ft)	
BORING NO. B-2277			DRILL METHOD: Mud Rotary			SAMPLE METHODS: SPT						.0 HR. ND	
GROUND SURFACE ELEV. 80.6 ft (NAVD88)			NORTHING 13,412,962 US ft (NAD83)			EASTING 2,600,645 US ft (NAD83)			24 HR. ND				
TOTAL DEPTH 150.3 ft		DRILL MACHINE CME-45			DRILLER: D. Rhodes/K. Guy			HAMMER (ID) 140 lb. Auto (MEC 13)					
DATE STARTED 12/11/07		COMPLETED 12/15/07			CASING DEPTH: N/A			BITS USED: 3" Drag Bit					
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
-31.6					Continued from previous page								
-32.8	113.4	8	8	13								111.0ft: pale brown (10YR6/3), strong HCl reaction	
-35.6	116.2	7	8	10								FAT CLAY (CH), light gray (10YR7/2), mottled brownish yellow (10YR6/8), very stiff, moist, few to little sand, black stains, carbonate nodules, strong to weak HCl reaction	
-38.3	118.9	6	7	11									
-40.6	121.2	5	7	9									
-43.3	123.9	5	9	15									
-45.7	126.3	9	14	15									
-48.3	128.9	8	10	12									
-50.6	131.2	7	11	11									
-53.2	133.8	8	10	13									
-55.4	136.0	1	3	4								136.0ft: POORLY GRADED SAND (SP), light yellowish brown (10YR6/4), loose, wet, coarse grained, trace fines, strong HCl reaction	
-57.8	138.4	15	22	27								138.4ft: dense	
-60.4	141.0	17	17	21									
-63.2	143.8	15	23	21									
-65.4	146.0	15	13	11								146.0ft: very firm	
-68.2	148.8	15	36	35								148.8ft: very dense	
												-69.7 Boring Terminated at Elevation -69.7 ft	
												150.3	

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



GEOTECHNICAL BORING LOG

Prepared By 2374 Date 6-12-08

Checked By KAW Date 7-10-08

SHEET 1 OF 3

BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST L. Bisson/S. Lehman						
SITE DESCRIPTION Exelon COL Project (Victoria Site)						MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)				
BORING NO. B-2278		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR.	ND			
GROUND SURFACE ELEV. 80.7 ft (NAVD88)		NORTHING 13,413,084		US ft (NAD83)		EASTING 2,600,746		US ft (NAD83)		24 HR.	ND			
TOTAL DEPTH 151.4 ft		DRILL MACHINE CME-550				DRILLER: L. Carter/ C Hayden				HAMMER (ID) 140 lb. Auto (MEC 03)				
DATE STARTED 12/11/07		COMPLETED 12/12/07				CASING DEPTH: N/A				BITS USED: 2 15/16" Drag Bit				
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION		
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100	
80.7					Ground Surface							80.7	0.0	
80.7	0.0	3	5	7							SS-1		0.0	
77.2	3.5	7	7	6							SS-2		77.2	3.5
74.7	6.0	3	3	5							SS-3			
72.2	8.5	5	6	7							SS-4			
69.7	11.0	3	4	6							SS-5			
67.2	13.5	4	5	6							SS-6			
60.8	19.9	5	7	10							SS-7		60.8	19.9
55.8	24.9	5	7	14							SS-8			
50.8	29.9	9	10	15							SS-9A/B		53.2	27.5
45.8	34.9	6	9	11							SS-10		50.3	30.4
41.8	38.9	8	10	15							SS-11			
35.8	44.9	5	7	10							SS-12			
30.8	49.9	6	8	9							SS-13			
25.8	54.9	5	6	9							SS-14		25.8	54.9

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST L. Bisson/S. Lehman				
SITE DESCRIPTION Exelon COL Project (Victoria Site)						MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)		
BORING NO. B-2278		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR. ND		
GROUND SURFACE ELEV. 80.7 ft (NAVD88)		NORTHING 13,413,084		US ft (NAD83)		EASTING 2,600,746		US ft (NAD83)		24 HR. ND		
TOTAL DEPTH 151.4 ft		DRILL MACHINE CME-550				DRILLER: L. Carter/ C Hayden				HAMMER (ID) 140 lb. Auto (MEC 03)		
DATE STARTED 12/11/07		COMPLETED 12/12/07				CASING DEPTH: N/A				BITS USED: 2 15/16" Drag Bit		
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
24.6					Continued from previous page							
21.8	58.9	5	5	7								FAT CLAY (CH), greenish gray (10Y6/1), spotted with strong brown (7.5YR5/6), stiff, few sand, weak HCl reaction (continued)
												59.9ft: greenish gray (10Y6/1), little sand
15.8	64.9	21	18	19								POORLY GRADED SAND with clay (SP-SC), light yellowish brown (2.5Y6/3), laminated with yellowish brown (10YR5/8), dense, wet, few fines, strong HCl reaction
10.8	69.9	4	6	9								FAT CLAY (CH), greenish gray (10Y5/1), veined with light greenish gray (10Y7/1), stiff, moist, few sand, weak HCl reaction, trace carbonate nodules
5.8	74.9	6	7	9								74.9ft: light brownish gray (2.5Y6/2), very stiff, little fines, no HCl reaction
0.9	79.8	28	19	17								79.8ft: light olive gray (5Y6/2), hard, little sand, little carbonate nodules
-4.2	84.9	4	11	13								Clayey SAND (SC), light gray (2.5Y7/2), very firm, wet, few fines, no HCl reaction
-9.2	89.9	12	15	16								Sandy LEAN CLAY (CL), light gray (5Y6/2), very stiff, moist, little sand, no HCl reaction, trace carbonate nodules
-14.2	94.9	9	22	31								89.9-91.4ft: interbedded with poorly graded sand with clay, light gray (2.5Y/2), dense, wet, few fines, no HCl reaction
-19.2	99.9	50/0.3										94.9ft: light gray (2.5Y7/2), hard, some sand, weak to strong HCl reaction, trace carbonate nodules
												Clayey SAND (SC), light gray (2.5Y7/2), very dense, wet, few fines, strong HCl reaction, some carbonate nodules
-29.2	109.9	28	45	50								POORLY GRADED SAND (SP), light yellowish brown (2.5Y6/3), very dense, wet, trace fines, strong HCl reaction, trace carbonate nodules

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST L. Bisson/S. Lehman				
SITE DESCRIPTION Exelon COL Project (Victoria Site)				MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)				
BORING NO. B-2278		DRILL METHOD: Mud Rotary		SAMPLE METHODS: SPT				0 HR. ND		24 HR. ND		
GROUND SURFACE ELEV. 80.7 ft (NAVD88)		NORTHING 13,413,084		US ft (NAD83)		EASTING 2,600,746		US ft (NAD83)				
TOTAL DEPTH 151.4 ft		DRILL MACHINE CME-550		DRILLER: L. Carter/ C Hayden				HAMMER (ID) 140 lb. Auto (MEC 03)				
DATE STARTED 12/11/07		COMPLETED 12/12/07		CASING DEPTH: N/A				BITS USED: 2 15/16" Drag Bit				
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
-31.5					Continued from previous page							
-39.2	119.9											POORLY GRADED SAND (SP), light yellowish brown (2.5Y6/3), very dense, wet, trace fines, strong HCl reaction, trace carbonate nodules (continued)
		14	13	14						SS-25		FAT CLAY (CH), light greenish gray (10Y7/1), mottled strong brown (7.5YR5/8), very stiff, moist, few sand, no to weak HCl reaction, trace carbonate nodules
-49.2	129.9											129.9ft: hard
		15	18	18						SS-26		
-54.8												POORLY GRADED SAND (SP), light yellowish brown (2.5Y6/3), dense, wet, trace fines, strong HCl reaction
-59.2	139.9											
		22	20	24						SS-27		
-67.3												FAT CLAY (CH), light greenish gray (10Y7/1), mottled strong brown (7.5YR5/8), hard, moist, trace sand, weak HCl reaction, trace black nodules
-69.2	149.9											
		9	15	18						SS-28		
-70.7												Boring Terminated at Elevation -70.7 ft

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



GEOTECHNICAL BORING LOG

Prepared By JPR Date 6-12-08

Checked By KAW Date 7-10-08

SHEET 1 OF 4

BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST A. Osorio									
SITE DESCRIPTION Exelon COL Project (Victoria Site)						MACTEC PROJECT NO.: 6468-07-1777						GROUND WATER (ft)					
BORING NO. B-2279		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT						0 HR. ND					
GROUND SURFACE ELEV. 80.3 ft (NAVD88)		NORTHING 13,413,192		US ft (NAD83)		EASTING 2,600,812		US ft (NAD83)		24 HR. ND							
TOTAL DEPTH 198.8 ft		DRILL MACHINE CME-75				DRILLER: D. Nalls/B. Turner				HAMMER (ID) 140 lb. Auto (MEC 11)							
DATE STARTED 11/15/07		COMPLETED 11/16/07				CASING DEPTH: N/A				BITS USED: 3" Drag Bit							
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION				
		0.5ft	0.5ft	0.5ft	0	20	40	60	80					100			
80.3					Ground Surface								80.3	0.0			
80.3	0.0	6	5	5							SS-1				FAT CLAY (CH), greenish black (5GY2.5/1), stiff, moist, few sand, trace roots, no HCl reaction		
76.8	3.5	2	2	3							SS-2				3.5ft: dark greenish gray (5GY4/1), firm, some carbonate nodules, weak HCl reaction		
74.3	6.0	2	2	3							SS-3						
71.8	8.5	6	7	7							SS-4				8.5ft: yellowish brown (10YR5/4, 10YR5/6), stiff, strong HCl reaction		
69.3	11.0	3	6	7							SS-5						
66.8	13.5	3	4	5							SS-6				13.5ft: yellowish brown (10YR5/6) mottled greenish gray (5GY6/1)		
61.8	18.5	2	4	4							SS-7				61.8	18.5	FAT CLAY (CH) brownish yellow (10YR6/8), mottled greenish gray (5GY6/1), firm, moist, few sand, weak HCl reaction
56.8	23.5	3	4	6							SS-8				23.5ft: yellowish brown (10YR5/4), slightly mottled greenish gray (5GY6/1), stiff		
51.8	28.5	5	5	7							SS-9				51.8	28.5	Sandy LEAN CLAY (CL), greenish gray (5GY6/1), stiff, moist, some sand, some carbonate nodules, weak HCl reaction
46.8	33.5	6	8	12							SS-10				33.5ft: mottled yellowish brown (10YR 5/4), very stiff, little sand, trace possible manganese nodules, no HCl reaction		
41.8	38.5	5	7	9							SS-11						
36.8	43.5	4	7	9							SS-12						
31.8	48.5	10	9	13							SS-13				31.8	48.5	FAT CLAY (CH), greenish gray (5GY6/1), mottled yellowish brown (10YR5/6), very stiff, moist, some sand, some carbonate nodules, strong HCl reaction
26.8	53.5	9	12	20							SS-14A/B				26.0	54.3	POORLY GRADED SAND (SP), greenish gray (5GY6/1), dense, moist, few fines, no HCl reaction

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST A. Osorio				
SITE DESCRIPTION Exelon COL Project (Victoria Site)				MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)				
BORING NO. B-2279		DRILL METHOD: Mud Rotary		SAMPLE METHODS: SPT				0 HR. ND				
GROUND SURFACE ELEV. 80.3 ft (NAVD88)		NORTHING 13,413,192 US ft (NAD83)		EASTING 2,600,812 US ft (NAD83)		24 HR. ND						
TOTAL DEPTH 198.8 ft		DRILL MACHINE CME-75		DRILLER: D. Nalls/B. Turner		HAMMER (ID) 140 lb. Auto (MEC 11)						
DATE STARTED 11/15/07		COMPLETED 11/16/07		CASING DEPTH: N/A				BITS USED: 3" Drag Bit				
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
24.2					Continued from previous page							
21.8	58.5	6	11	16								POORLY GRADED SAND (SP), greenish gray (5GY6/1), dense, moist, few fines, no HCl reaction (continued)
												21.8 58.5 21.1 59.2
												Sandy FAT CLAY (CH), greenish gray (5GY6/1), mottled yellowish brown (10YR5/6), very stiff, moist, some sand, few carbonate nodules, strong HCl reaction
16.8	63.5	15	32	50/0.4								POORLY GRADED SAND (SP), greenish gray (5GY6/1), very firm, moist, few fines, no HCl reaction
												16.8 63.5
												Clayey SAND (SC), light brownish gray (10YR6/2), very dense, moist, fine to coarse grained, few fines, weak HCl reaction
11.8	68.5	4	6	10								11.8 68.5
												FAT CLAY (CH), dark grayish brown (10YR4/2), very stiff, moist, few sand, few carbonate nodules, strong HCl reaction
6.8	73.5	8	8	12								
1.8	78.5	11	17	17								
-3.2	83.5	9	10	18								
-8.2	88.5	4	6	10								
-13.2	93.5	8	9	14								
-18.2	98.5	13	26	32								
-28.2	108.5	25	30	33								

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST A. Osorio				
SITE DESCRIPTION Exelon COL Project (Victoria Site)						MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)		
BORING NO. B-2279		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR. ND		
GROUND SURFACE ELEV. 80.3 ft (NAVD88)		NORTHING 13,413,192 US ft (NAD83)		EASTING 2,600,812 US ft (NAD83)		24 HR. ND						
TOTAL DEPTH 198.8 ft		DRILL MACHINE CME-75				DRILLER: D. Nalls/B. Turner				HAMMER (ID) 140 lb. Auto (MEC 11)		
DATE STARTED 11/15/07		COMPLETED 11/16/07				CASING DEPTH: N/A				BITS USED: 3" Drag Bit		
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
-31.9					Continued from previous page							
-38.2	118.5	5	6	18								POORLY GRADED SAND (SP), greenish gray (5GY6/1), mottled yellowish brown (10YR5/8), very dense, moist, medium to coarse grained, few fines, strong HCl reaction (continued)
-48.2	128.5	9	12	14						SS-25		FAT CLAY (CH), greenish gray (5GY6/1), mottled yellowish brown (10YR5/8), very stiff, moist, few sand, some carbonate nodules, no to strong HCl reaction in clay
-58.2	138.5	6	19	39						SS-26		
-68.2	148.5	8	11	14						SS-27		POORLY GRADED SAND (SP), light yellowish brown (10YR6/4), very dense, moist, fine grained, few fines
-78.2	158.5	22	19	27						SS-28		FAT CLAY (CH), yellowish brown (10YR5/4), very stiff, moist, few sand, few carbonate nodules, weak to strong HCl reaction
										SS-29		POORLY GRADED SAND (SP), light yellowish brown (10YR6/4), dense to very dense, moist, fine grained, few fines, strong HCl reaction

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST A. Osorio				
SITE DESCRIPTION Exelon COL Project (Victoria Site)						MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)		
BORING NO. B-2279		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR. ND		
GROUND SURFACE ELEV. 80.3 ft (NAVD88)		NORTHING 13,413,192 US ft (NAD83)		EASTING 2,600,812 US ft (NAD83)		24 HR. ND						
TOTAL DEPTH 198.8 ft		DRILL MACHINE CME-75				DRILLER: D. Nalls/B. Turner				HAMMER (ID) 140 lb. Auto (MEC 11)		
DATE STARTED 11/15/07		COMPLETED 11/16/07				CASING DEPTH: N/A				BITS USED: 3" Drag Bit		
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
-88.0		Continued from previous page										
-88.2	168.5	45	40	50/0.4						90/0.9	SS-30	POORLY GRADED SAND (SP), light yellowish brown (10YR6/4), dense to very dense, moist, fine grained, few fines, strong HCl reaction (continued)
-98.2	178.5	24	27	22						49	SS-31	Silty SAND (SM), greenish gray (5GY6/1), dense, moist, fine grained, little fines, strong HCl reaction, 0.2"-thick carbonate layer from 184.0 to 184.2 feet
-103.2	183.5	40	50/0.5						90/1.0	SS-32	183.5ft: very dense	
-108.2	188.5	25	31	39						70	SS-33	
-118.2	198.5	50/0.3								50/0.3	SS-34	Boring Terminated at Elevation -118.5 ft

EXELON COL BORE EXELON-2.GPI EXELON COL.GDT 6/12/08



GEOTECHNICAL BORING LOG

Prepared By ZZZ Date 6-12-08

Checked By KAW Date 7-10-08

SHEET 1 OF 4

BECHTEL PROJECT NO.: 25352					COUNTY Victoria					GEOLOGIST J. Moore				
SITE DESCRIPTION Exelon COL Project (Victoria Site)					MACTEC PROJECT NO.: 6468-07-1777					GROUND WATER (ft)				
BORING NO. B-2280		DRILL METHOD: Mud Rotary			SAMPLE METHODS: SPT					0 HR. ND				
GROUND SURFACE ELEV. 80.6 ft (NAVD88)		NORTHING 13,413,014		US ft (NAD83)		EASTING 2,600,704			US ft (NAD83)			24 HR. ND		
TOTAL DEPTH 198.1 ft		DRILL MACHINE CME-550-X			DRILLER: R. Landaros/J. Landaros			HAMMER (ID) 140 lb. Auto (MEC 05)						
DATE STARTED 11/16/07		COMPLETED 11/18/07			CASING DEPTH: N/A					BITS USED: 2 15/16" Roller Cone				
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION		
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100	
80.6					Ground Surface							80.6	0.0	
80.6	0.0	2	2	3	●5					SS-1		FAT CLAY (CH), dark gray (5Y4/1), firm, moist, no sand, no HCl reaction, trace organics (roots/grass)		
77.6	3.0	2	3	3	●6					SS-2		3.0ft: gray (5Y6/1), trace carbonate nodules, trace black organic streaks		
75.6	5.0	2	4	4	●8					SS-3		5.0ft: light olive gray (5Y6/2)		
72.6	8.0	4	6	9	●15					SS-4		8.0ft: pale brown (10YR6/3), mottled light gray (10YR7/1), stiff, few carbonate nodules		
70.6	10.0	7	9	8	●17					SS-5		10.0ft: light yellowish brown (10YR6/4), mottled light gray (10YR7/2), very stiff, trace carbonate nodules		
67.6	13.0	4	6	7	●13					SS-6		13.0ft: light yellowish brown (10YR6/4), mottled light gray (5Y7/2), stiff		
62.6	18.0	3	5	6	●11					SS-7		18.0ft: light yellowish brown (10YR6/4), mottled light gray (5Y7/2), no carbonate nodules, strong HCl reaction		
57.6	23.0	3	4	6	●10					SS-8		23.0ft: very pale brown (10YR7/3), mottled light gray (5Y7/2), trace carbonate nodules		
52.6	28.0	6	8	13	●21					SS-9		28.0ft: Clayey SAND (SC), gray (5Y6/1), very firm, moist, little fines, no HCl reaction, trace black organic streaks	28.0	
47.6	33.0	8	12	10	●22					SS-10		33.0ft: very pale brown (10YR8/3)		
41.6	39.0	8	13	13	●26					SS-11		38.0ft: light gray (5Y7/2), mottled light yellowish brown (10YR6/4)		
37.6	43.0	11	12	13	●25					SS-12		43.0ft: light gray (5Y7/1), mottled brownish yellow (10YR6/6)		
32.6	48.0	6	12	20	●32					SS-13		48.0ft: FAT CLAY with sand (CH), light gray (5Y7/2), mottled brownish yellow (10YR6/6), hard, moist to wet, little sand, strong HCl reaction	48.0	
27.6	53.0	6	11	11	●22					SS-14		53.0ft: Clayey SAND (SC), light gray (5Y7/2), mottled brownish yellow (10YR6/6), very firm, moist, little fines, strong HCl reaction	53.0	

EXELON COL BORE EXELON-2.GPI EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST J. Moore				
SITE DESCRIPTION Exelon COL Project (Victoria Site)				MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)				
BORING NO. B-2280		DRILL METHOD: Mud Rotary		SAMPLE METHODS: SPT				0 HR. ND		24 HR. ND		
GROUND SURFACE ELEV. 80.6 ft (NAVD88)		NORTHING 13,413,014		US ft (NAD83)		EASTING 2,600,704		US ft (NAD83)				
TOTAL DEPTH 198.1 ft		DRILL MACHINE CME-550-X		DRILLER: R. Landaros/J. Landaros				HAMMER (ID) 140 lb. Auto (MEC 05)				
DATE STARTED 11/16/07		COMPLETED 11/18/07		CASING DEPTH: N/A				BITS USED: 2 15/16" Roller Cone				
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
24.5					Continued from previous page							
22.6	58.0	5	11	12							SS-15	22.6 - 58.0 FAT CLAY with sand (CH), light gray (5Y7/2), mottled brownish yellow (10YR6/6), very stiff, moist, little sand, strong HCl reaction
17.6	63.0	5	6	10							SS-16	63.0ft: trace sand, trace carbonate nodules, trace black organic streaks
12.6	68.0	4	7	7							SS-17	68.0ft: gray (5Y6/1), stiff, trace black nodules
7.6	73.0	5	7	8							SS-18	73.0ft: light yellowish brown (10YR6/4), mottled light gray (5Y7/2), few black organic streaks
2.6	78.0	7	9	12							SS-19	78.0ft: light gray (5Y7/2), very stiff, little sand, no HCl reaction
-2.4	83.0	14	21	21							SS-20	-2.4 - 83.0 Clayey SAND (SC), light gray (5Y7/2), dense, moist, little fines, trace carbonate nodules, strong HCl reaction
-7.4	88.0	5	8	11							SS-21	-7.4 - 88.0 FAT CLAY with sand (CH), light gray (5Y7/2), mottled brownish yellow (10YR6/6), very stiff, moist, little sand, strong HCl reaction
-12.4	93.0	11	25	25							SS-22	-11.4 - 92.0 POORLY GRADED SAND (SP), very pale brown (10YR7/3), dense, wet to moist, few to trace fines, trace carbonate nodules, weak to strong HCl reaction
-17.4	98.0	39	50/0.3								SS-23	98.0ft: very dense
-27.4	108.0	16	24	30							SS-24	

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST J. Moore				
SITE DESCRIPTION Exelon COL Project (Victoria Site)						MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)		
BORING NO. B-2280		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR. ND		
GROUND SURFACE ELEV. 80.6 ft (NAVD88)		NORTHING 13,413,014		US ft (NAD83)		EASTING 2,600,704		US ft (NAD83)		24 HR. ND		
TOTAL DEPTH 198.1 ft		DRILL MACHINE CME-550-X				DRILLER: R. Landaros/J. Landaros				HAMMER (ID) 140 lb. Auto (MEC 05)		
DATE STARTED 11/16/07		COMPLETED 11/18/07				CASING DEPTH: N/A				BITS USED: 2 15/16" Roller Cone		
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
-31.6					Continued from previous page							
-37.4	118.0	8	10	11								POORLY GRADED SAND (SP), very pale brown (10YR7/3), dense, wet to moist, few to trace fines, trace carbonate nodules, weak to strong HCl reaction (continued)
-47.4	128.0	8	14	16						SS-25		FAT CLAY (CH), light gray (10YR7/2) and (5Y7/2), mottled brownish yellow (10YR6/6), very stiff, moist, trace to few carbonate nodules, trace black nodules and organic streaks, strong HCl reaction
-57.4	138.0	6	9	12						SS-26		
-67.4	148.0	6	7	9						SS-27		POORLY GRADED SAND (SP), very pale brown (10YR7/3), very firm, moist, no fines, strong HCl reaction
-77.4	158.0	23	50/0.4							SS-28		FAT CLAY with sand (CH), light gray (5Y7/2), mottled light yellowish brown (10YR6/4), very stiff, moist, little sand, strong HCl reaction
-87.4	168.0									SS-29		POORLY GRADED SAND (SP), very pale brown (10YR6/2), very dense, wet, trace fines, trace carbonate nodules, no HCl reaction

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST J. Moore				
SITE DESCRIPTION Exelon COL Project (Victoria Site)						MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)		
BORING NO. B-2280		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR. ND		
GROUND SURFACE ELEV. 80.6 ft (NAVD88)		NORTHING 13,413,014		US ft (NAD83)		EASTING 2,600,704		US ft (NAD83)		24 HR. ND		
TOTAL DEPTH 198.1 ft		DRILL MACHINE CME-550-X				DRILLER: R. Landaros/J. Landaros				HAMMER (ID) 140 lb. Auto (MEC 05)		
DATE STARTED 11/16/07		COMPLETED 11/18/07				CASING DEPTH: N/A				BITS USED: 2 15/16" Roller Cone		
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
-87.7					Continued from previous page							
		28	32	32	.....●64.....					SS-30		168.0ft: wet, few fines, strong HCl reaction POORLY GRADED SAND (SP), very pale brown (10YR6/2), very dense, wet, trace fines, trace carbonate nodules, no HCl reaction (continued)
-97.4	178.0	12	11	24	.....●35.....					SS-31A/B		-97.4 178.0 -98.3 Clayey SAND (SC), light gray (10YR7/2), dense, wet, little fines, no HCl reaction 178.9 -100.4 FAT CLAY (CH), light gray (10YR7/2), mottled yellowish brown (10YR5/6), hard, moist, few sand, strong HCl reaction 181.0 POORLY GRADED SAND (SP), very pale brown (10YR7/3), very dense, wet, few fines, strong HCl reaction
-107.4	188.0	16	26	49	.....●75.....					SS-32		192.0ft: rig chatter and hard drilling
-117.4	198.0	50/0.1			.....●50/0.1.....					SS-33		-117.5 198.1 Boring Terminated at Elevation -117.5 ft

EXELON COL BORE EXELON-2.GPJ EXELON COL.CDT 6/12/08



GEOTECHNICAL BORING LOG

Prepared By JPH Date 6.12.08

Checked By KAW Date 7.10.08

SHEET 1 OF 3

BECHTEL PROJECT NO.: 25352					COUNTY Victoria					GEOLOGIST A. Osorio				
SITE DESCRIPTION Exelon COL Project					MACTEC PROJECT NO.: 6468-07-1777					GROUND WATER (ft)				
BORING NO. B-2281		DRILL METHOD: Mud Rotary			SAMPLE METHODS: SPT					0 HR. ND				
GROUND SURFACE ELEV. 80.4 ft (NAVD88)		NORTHING 13,412,909		US ft (NAD83)		EASTING 2,600,705		US ft (NAD83)		24 HR. ND				
TOTAL DEPTH 150.0 ft		DRILL MACHINE CME-75			DRILLER: D. Nalls/B. Turner					HAMMER (ID) 140 lb. Auto (MEC 11)				
DATE STARTED 12/4/07		COMPLETED 12/5/07			CASING DEPTH: 2.0 ft					BITS USED: 3" Drag Bit				
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80					100
80.4					Ground Surface								80.4	0.0
80.4	0.0	5	3	5										
76.9	3.5	2	2	3										
74.4	6.0	2	4	5										
71.9	8.5	1	2	3										
69.4	11.0	5	7	7										
66.9	13.5	3	5	5										
61.9	18.5	3	4	5										
56.9	23.5	2	5	6										
51.9	28.5	6	8	13										
46.9	33.5	4	7	9										
41.9	38.5	5	8	13										
36.9	43.5	6	8	14										
31.9	48.5	5	6	8										
26.9	53.5	5	10	11										

EXELON COL BORE EXELON-2.GPI EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST A. Osorio					
SITE DESCRIPTION Exelon COL Project						MACTEC PROJECT NO.: 6468-07-1777						GROUND WATER (ft)	
BORING NO. B-2281		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR. ND			
GROUND SURFACE ELEV. 80.4 ft (NAVD88)		NORTHING 13,412,909		US ft (NAD83)		EASTING 2,600,705		US ft (NAD83)		24 HR. ND			
TOTAL DEPTH 150.0 ft		DRILL MACHINE CME-75				DRILLER: D. Nalls/B. Turner				HAMMER (ID) 140 lb. Auto (MEC 11)			
DATE STARTED 12/4/07		COMPLETED 12/5/07				CASING DEPTH: 2.0 ft				BITS USED: 3" Drag Bit			
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
24.3					Continued from previous page								
21.9	58.5	7	12	14								FAT CLAY with sand (CH), yellowish brown (10YR5/8), mottled greenish gray (10Y6/1), very stiff, moist, little sand, strong HCl reaction (continued)	
16.9	63.5	3	4	6								58.5ft: greenish gray (10Y6/1), little sand, black and yellowish brown staining, no HCl reaction	
11.9	68.5	4	6	8								63.5ft: mottled yellowish brown (10YR5/6), stiff, few sand, weak HCl reaction	
6.9	73.5	6	9	7								68.5ft: grayish brown (10YR5/2), black and yellowish brown staining, no HCl reaction	
1.9	78.5	4	5	8								73.5ft: greenish gray (10Y6/1), mottled yellowish brown (10YR5/6), very stiff, black staining	
-3.1	83.5	7	6	8								78.5ft: greenish gray (10Y6/1), stiff, black and yellowish brown staining	
-8.1	88.5	6	9	14								88.5ft: very stiff, little sand	
-13.1	93.5	14	15	40								POORLY GRADED SAND with clay (SP-SC), greenish gray (10Y6/1), very dense, moist, few fines, trace carbonate nodules, strong HCl reaction	
-18.1	98.5	41	50	50								98.5ft: light yellowish brown (10YR6/4)	
-28.1	108.5	25	50	46								108.5ft: very pale brown (10YR7/3)	

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST A. Osorio					
SITE DESCRIPTION Exelon COL Project						MACTEC PROJECT NO.: 6468-07-1777						GROUND WATER (ft)	
BORING NO. B-2281			DRILL METHOD: Mud Rotary			SAMPLE METHODS: SPT						0 HR. ND	
GROUND SURFACE ELEV. 80.4 ft (NAVD88)			NORTHING 13,412,909			US ft (NAD83)		EASTING 2,600,705		US ft (NAD83)		24 HR. ND	
TOTAL DEPTH 150.0 ft		DRILL MACHINE CME-75				DRILLER: D. Nalls/B. Turner				HAMMER (ID) 140 lb. Auto (MEC 11)			
DATE STARTED 12/4/07		COMPLETED 12/5/07				CASING DEPTH: 2.0 ft				BITS USED: 3" Drag Bit			
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
-31.8					Continued from previous page								
-38.1	118.5	6	7	9						SS-25		POORLY GRADED SAND with clay (SP-SC), greenish gray (10Y6/1), very dense, moist, few fines, trace carbonate nodules, strong HCl reaction (continued)	
-48.1	128.5	8	10	16						SS-26		FAT CLAY (CH), greenish gray (10Y6/1), very stiff, moist, few sand, trace carbonate nodules, trace black and yellowish brown staining, no HCl reaction	
-58.1	138.5	7	11	19						SS-27		128.5ft: yellowish brown (10YR5/6), mottled greenish gray (10Y6/1), trace black staining	
-68.1	148.5	22	29	24						SS-28		138.5ft: light gray (10YR7/2), mottled yellowish brown (10YR5/6)	
												POORLY GRADED SAND with silt (SP-SM), light brownish gray (10YR6/2), very dense, moist, few fines, strong HCl reaction	
												Boring Terminated at Elevation -69.6 ft	

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



GEOTECHNICAL BORING LOG

Prepared By JTZ Date 6-12-08

Checked By KAW Date 7-10-08

SHEET 1 OF 8

BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST A. Osorio							
SITE DESCRIPTION Exelon COL Project				MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)							
BORING NO. B-2282A		DRILL METHOD: Mud Rotary		SAMPLE METHODS: SPT				0 HR. ND		24 HR. ND					
GROUND SURFACE ELEV. 80.3 ft (NAVD88)		NORTHING 13,412,971		US ft (NAD83)		EASTING 2,600,758		US ft (NAD83)							
TOTAL DEPTH 400.0 ft		DRILL MACHINE CME-75		DRILLER: D. Nalls/B. Turner/T. Ellerson				HAMMER (ID) 140 lb. Auto (MEC 11)							
DATE STARTED 1/5/08		COMPLETED 1/9/08		CASING DEPTH: 33.0 ft				BITS USED: 4" Drag Bit							
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION			
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100		
80.3					Ground Surface							80.3	0.0		
80.3	0.0	3	4	4							SS-1		80.3	0.0	LEAN CLAY (CL), black (N/2.5), firm, moist, trace sand, some grass, no HCl reaction
76.8	3.5	2	2	3							SS-2		76.8	3.5	FAT CLAY (CH), gray (N/6), firm, trace carbonate nodules, strong HCl reaction, black stains
74.3	6.0	2	3	4							SS-3		74.3	6.0	6.0ft: yellowish brown stains
71.8	8.5	4	7	8							SS-4		71.8	8.5	LEAN CLAY (CL), gray (N/6), mottled brownish yellow (10YR6/8), stiff, moist, carbonate nodules, strong HCl reaction
69.3	11.0	4	4	6							SS-5		69.3	11.0	
66.8	13.5	3	5	7							SS-6		66.8	13.5	FAT CLAY (CH), brownish yellow (10YR6/8), mottled gray (N/6), stiff, moist, trace sand, carbonate nodules, strong HCl reaction, black stains
61.8	18.5	3	3	7							SS-7		61.8	18.5	
56.8	23.5	3	4	7							SS-8		56.8	23.5	23.5ft: yellowish brown (10YR5/8), weak HCl reaction
51.8	28.5	3	5	9							SS-9		51.8	28.5	28.5ft: greenish gray (10Y6/1), little sand, strong HCl reaction
46.8	33.5	13	16	18							SS-10		46.8	33.5	Clayey SAND (SC), greenish gray (10Y6/1), dense, moist, fine grained, little fines, strong HCl reaction on carbonate nodules, no reaction on clayey sand
41.8	38.5	5	7	10							SS-11		41.8	38.5	FAT CLAY (CH), greenish gray (10Y6/1), mottled yellowish brown (10YR 5/8), very stiff, moist, few sand, carbonate nodules, black stains, no HCl reaction
36.8	43.5	6	7	11							SS-12		36.8	43.5	43.5ft: some sand
31.8	48.5	9	15	23							SS-13		31.8	48.5	POORLY GRADED SAND with clay (SP-SC), yellowish gray (10Y6/1) mottled yellowish brown (10YR5/8), dense, moist, fine-grained sand, few fines, carbonate deposits
26.8	53.5	8	8	14							SS-14		26.8	53.5	FAT CLAY with sand (CH), yellowish brown (10YR5/8), mottled greenish gray (10Y6/1), very stiff, moist, little sand

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352					COUNTY Victoria					GEOLOGIST A. Osorio						
SITE DESCRIPTION Exelon COL Project					MACTEC PROJECT NO.: 6468-07-1777					GROUND WATER (ft)						
BORING NO. B-2282A			DRILL METHOD: Mud Rotary			SAMPLE METHODS: SPT			0 HR. ND			24 HR. ND				
GROUND SURFACE ELEV. 80.3 ft (NAVD88)			NORTHING 13,412,971 US ft (NAD83)			EASTING 2,600,758 US ft (NAD83)			TOTAL DEPTH 400.0 ft			DRILL MACHINE CME-75				
DATE STARTED 1/5/08			COMPLETED 1/9/08			CASING DEPTH: 33.0 ft			DRILLER: D. Nalls/B. Turner/T. Ellerson			HAMMER (ID) 140 lb. Auto (MEC 11)				
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION				
		0.5ft	0.5ft	0.5ft	0	20	40	60	80	100						
24.2		Continued from previous page														
21.8	58.5	7	17	22									21.8	FAT CLAY with sand (CH), yellowish brown (10YR5/8), mottled greenish gray (10Y6/1), very stiff, moist, little sand (continued)		
16.8	63.5	12	13	13									16.3	POORLY GRADED SAND with clay (SP-SC), greenish gray (10Y6/1), mottled yellowish brown (10YR5/8), dense, moist, fine grained, few fines, strong HCl reaction		
11.8	68.5	4	7	11									64.0	FAT CLAY (CH), greenish gray (10Y6/1), mottled yellowish brown (10YR5/6), very stiff, moist, trace sand, carbonate nodules, black stains, no HCl reaction		
6.8	73.5	6	7	11										68.5ft: mottled light gray (10YR7/1)		
1.8	78.5	5	13	16										73.5ft: yellowish brown (10YR5/8), mottled greenish gray (10Y6/1)		
-3.2	83.5	5	8	14										78.5ft: gray (10YR6/1)		
-8.2	88.5	9	16	25										88.5ft: hard, sand seams present at 88.6' to 88.7' and 89.1' to 89.2'		
-13.2	93.5	18	24	32									93.0	POORLY GRADED SAND (SP), gray (10YR6/1), very dense, moist, medium grained, trace fines, clay mixed with sand at 94'		
-18.2	98.5	30	26	38									99.6	94.0ft: yellowish brown (10YR5/8)		
-28.2	108.5	37	46	50/0.4									105.0	LEAN CLAY with sand (CL), gray (10YR6/1), hard, moist, little sand, carbonate nodules, weak HCl reaction on clay		
														-24.7		
														POORLY GRADED SAND (SP), gray (10YR6/1), very dense, moist, trace fines, carbonate nodules, strong HCl reaction		
														-28.2		
														96/0.9		

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352			COUNTY Victoria			GEOLOGIST A. Osorio			
SITE DESCRIPTION Exelon COL Project				MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)	
BORING NO. B-2282A		DRILL METHOD: Mud Rotary			SAMPLE METHODS: SPT			0 HR.	ND
GROUND SURFACE ELEV. 80.3 ft (NAVD88)		NORTHING 13,412,971		US ft (NAD83)		EASTING 2,600,758		24 HR.	ND
TOTAL DEPTH 400.0 ft		DRILL MACHINE CME-75			DRILLER: D. Nalls/B. Turner/T. Ellerson			HAMMER (ID) 140 lb. Auto (MEC 11)	
DATE STARTED 1/5/08		COMPLETED 1/9/08			CASING DEPTH: 33.0 ft			BITS USED: 4" Drag Bit	

ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION				
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100			
-31.9					Continued from previous page											
-38.2	118.5	5	11	19									-33.7	114.0	FAT CLAY (CH), greenish gray (10Y6/1), very stiff, moist, trace sand, carbonate nodules, yellowish brown stains, black nodules, strong HCl reaction	
-48.2	128.5	9	11	15												
-58.2	138.5	27	26	33												
-68.2	148.5	6	17	18												
-78.2	158.5	31	35	37												

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST A. Osorio					
SITE DESCRIPTION Exelon COL Project						MACTEC PROJECT NO.: 6468-07-1777						GROUND WATER (ft)	
BORING NO. B-2282A			DRILL METHOD: Mud Rotary			SAMPLE METHODS: SPT						0 HR.	ND
GROUND SURFACE ELEV. 80.3 ft (NAVD88)				NORTHING 13,412,971 US ft (NAD83)				EASTING 2,600,758 US ft (NAD83)				24 HR.	ND
TOTAL DEPTH 400.0 ft		DRILL MACHINE CME-75				DRILLER: D. Nalls/B. Turner/T. Ellerson				HAMMER (ID) 140 lb. Auto (MEC 11)			
DATE STARTED 1/5/08			COMPLETED 1/9/08			CASING DEPTH: 33.0 ft				BITS USED: 4" Drag Bit			
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
-88.0		Continued from previous page											
-88.2	168.5	11	25	29						SS-30		POORLY GRADED SAND (SP), very pale brown (10YR7/3), very dense, moist, medium grained, trace fines, carbonate nodules, strong HCl reaction (continued) 168.5ft: medium to coarse grained, intermixed pockets of sandy clay	
-98.2	178.5	43	35	48						SS-31A/B		FAT CLAY (CH), yellowish brown (10YR5/8), mottled greenish gray (10Y6/1), hard, moist, trace sand, carbonate nodules, strong HCl reaction	
-108.2	188.5	31	40	50/0.4						SS-32		POORLY GRADED SAND (SP), gray (10YR6/1), very dense, moist, trace fines, carbonate nodules, yellowish brown stains, strong HCl reaction	
-118.2	198.5	14	46	50						SS-33		198.5ft: light gray (10YR7/2), fine to medium grained, pockets of clay at 199'	
-138.2	218.5	22	25	32						SS-34			

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08



BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST A. Osorio				
SITE DESCRIPTION Exelon COL Project						MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)		
BORING NO. B-2282A		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR. ND		
GROUND SURFACE ELEV. 80.3 ft (NAVD88)		NORTHING 13,412,971		US ft (NAD83)		EASTING 2,600,758		US ft (NAD83)		24 HR. ND		
TOTAL DEPTH 400.0 ft		DRILL MACHINE CME-75				DRILLER: D. Nalls/B. Turner/T. Ellerson				HAMMER (ID) 140 lb. Auto (MEC 11)		
DATE STARTED 1/5/08		COMPLETED 1/9/08				CASING DEPTH: 33.0 ft				BITS USED: 4" Drag Bit		
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG MOI	SOIL AND ROCK DESCRIPTION
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
-144.1					Continued from previous page							
-156.2	238.5	15	29	34						SS-35		POORLY GRADED SAND (SP), gray (10YR6/1), very dense, moist, trace fines, carbonate nodules, yellowish brown stains, strong HCl reaction (continued)
-178.2	258.5	106	250/0.4							SS-36		Clayey SAND (SC), light gray (10YR7/2), very dense, moist, few fines, carbonate nodules, strong HCl reaction
-198.2	278.5	29	40	32						SS-37		258.5ft: carbonate nodules SPT over-driven to collect sample
-198.2	278.5											277ft: softer drilling after 277 in depth

EXELON COL BORE EXELON-2.GPJ EXELON COL.GDT 6/12/08