



SHEET 2 OF 3

BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST C. Gandy							
SITE DESCRIPTION Exelon COL Project (Victoria Site)				MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)							
BORING NO. B-2253		DRILL METHOD: Mud Rotary		SAMPLE METHODS: SPT				0 HR.		ND					
GROUND SURFACE ELEV. 80.9 ft (NAVD88)		NORTHING 13,413,588		US ft (NAD83)		EASTING 2,600,485		US ft (NAD83)		24 HR. ND					
TOTAL DEPTH 150.0 ft		DRILL MACHINE CME-55 LC		DRILLER: D. White/O. Smith				HAMMER (ID) 140 lb. Auto (MEC 02)							
DATE STARTED 11/7/07		COMPLETED 11/8/07		CASING DEPTH: N/A				BITS USED: 2 7/8" Wing Bit							
ELEV.	DEPTH	BLOW COUNT			BLOWS PER FOOT					SAMP.	LOG	SOIL AND ROCK DESCRIPTION			
(ft)	(ft)	0.5ft	0.5ft	0.5ft	0	20	40	60	80	100			NO.	MOI	
24.8					Continued from previous page										
22.4	58.5	14	13	28							SS-15		22.4	58.5	Clayey SAND (SC), light gray (10YR7/2), very firm, moist, some fines, weak HCl reaction (continued)
17.4	63.5	6	7	9							SS-16		17.4	63.5	POORLY GRADED SAND (SP), light gray (10YR7/2), dense, moist, fine sand, trace fines, strong HCl reaction, 0.2'-thick lense of carbonate gravel
12.4	68.5	4	6	8							SS-17				FAT CLAY (CH), light gray (10YR7/2), mottled light brown (7.5YR6/4), very stiff, moist, little sands, strong HCl reaction, iron and carbonate nodules
7.4	73.5	7	9	12							SS-18				68.5ft: light brown (7.5YR6/3), mottled, stiff
2.4	78.5	7	9	11							SS-19				73.5ft: pale brown (10YR6/3), very stiff, thinly laminated
-2.6	83.5	14	21	28							SS-20				78.5ft: light gray (10YR7/2), few sands, gravel sized carbonate nodules
-7.6	88.5	50/0.2									SS-21				POORLY GRADED SAND (SP), light gray (10YR7/2), dense, moist, trace fines, no HCl reaction
-12.6	93.5	8	18	22							SS-22				88.5ft: no recovery, very dense
-17.6	98.5	45	50/0.5								SS-23				FAT CLAY with sand (CH), light gray (10YR7/2), mottled strong brown (7.5YR5/6), hard, moist, little sand, carbonate nodules
-27.6	108.5	24	36	50/0.4							SS-24				Clayey SAND with gravel (SC), very pale brown (10YR8/3), very dense, wet, little fines and gravel, carbonate nodules, strong HCl reaction
															POORLY GRADED SAND (SP), very pale brown (10YR7/4), very dense, moist, medium to coarse grained, few fines, strong HCl reaction

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



SHEET 3 OF 3

BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST C. Gandy				
SITE DESCRIPTION Exelon COL Project (Victoria Site)				MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)				
BORING NO. B-2253		DRILL METHOD: Mud Rotary		SAMPLE METHODS: SPT		0 HR. ND		24 HR. ND				
GROUND SURFACE ELEV. 80.9 ft (NAVD88)		NORTHING 13,413,588		US ft (NAD83)		EASTING 2,600,485		US ft (NAD83)				
TOTAL DEPTH 150.0 ft		DRILL MACHINE CME-55 LC		DRILLER: D. White/O. Smith		HAMMER (ID) 140 lb. Auto (MEC 02)						
DATE STARTED 11/7/07		COMPLETED 11/8/07		CASING DEPTH: N/A		BITS USED: 2 7/8" Wing 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			
-31.3					Continued from previous page							
-37.6	118.5	5	9	18	●27					SS-25		POORLY GRADED SAND (SP), very pale brown (10YR7/4), very dense, moist, medium to coarse grained, few fines, strong HCl reaction (continued)
-47.6	128.5	22	26	44	●70					SS-26		FAT CLAY (CH), very pale brown (10YR8/2), very stiff, moist, few sands, weak HCl reaction, carbonate nodules, trace iron and organic stains
-57.6	138.5	19	23	45	●68					SS-27		Clayey SAND (SC), very pale brown (10YR8/3), very dense, wet, some fines, strong HCl reaction, carbonate nodules
-67.6	148.5	7	10	11	●21					SS-28		POORLY GRADED SAND with silt (SP-SM), very pale brown (10YR7/3), very dense, wet, few fines, trace carbonate nodules, trace clay seams, strong HCl reaction
-69.1	150.0											Clayey SAND (SC), very pale brown (10YR7/3), very firm, moist, some fines, strong HCl reaction, increasing clay content with depth Boring Terminated at Elevation -69.1 ft

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



GEOTECHNICAL BORING LOG

Prepared By JP+ Date 6-12-08Checked By KAW Date 7-10-08

SHEET 1 OF 3

BECHTEL PROJECT NO.: 25352					COUNTY Victoria					GEOLOGIST L. Bisson							
SITE DESCRIPTION Exelon COL Project (Victoria Site)					MACTEC PROJECT NO.: 6468-07-1777					GROUND WATER (ft)							
BORING NO. B-2254		DRILL METHOD: Mud Rotary			SAMPLE METHODS: SPT					0 HR.		ND					
GROUND SURFACE ELEV. 80.5 ft (NAVD88)		NORTHING 13,413,216			US ft (NAD83)			EASTING 2,600,263		US ft (NAD83)			24 HR.		ND		
TOTAL DEPTH 151.4 ft		DRILL MACHINE CME-550			DRILLER: L. Carter/ J. Landeros					HAMMER (ID) 140 lb. Auto (MEC 03)							
DATE STARTED 11/28/07		COMPLETED 11/29/07			CASING DEPTH: N/A					BITS USED: 2 15/16" Drag Bit							
ELEV.	DEPTH	BLOW COUNT			BLOWS PER FOOT					SAMP.	LOG	SOIL AND ROCK DESCRIPTION					
(ft)	(ft)	0.5ft	0.5ft	0.5ft	0	20	40	60	80	100	NO.	MOI					
80.5					Ground Surface							80.5	0.0				
80.5	0.0	2	3	7						SS-1			Sandy LEAN CLAY (CL), black (2.5Y1), stiff, moist, few sand, no HCl reaction, trace roots				
77.0	3.5	17	15	15						SS-2		77.0	3.5				
74.5	6.0	7	9	13						SS-3			LEAN CLAY with sand (CL), olive gray (5Y5/2), very stiff, moist, some sand, weak HCl reaction, trace carbonate nodules				
72.0	8.5	8	11	12						SS-4			6.0ft: light olive gray (5Y6/2), to brownish yellow (10YR6/8), few sand, strong HCl reaction, trace black staining				
69.5	11.0	8	8	10						SS-5		69.5	11.0				
67.0	13.5	7	9	12						SS-6			LEAN CLAY (CL), brownish yellow (10YR6/6), veined light greenish gray (10Y7/1), very stiff, moist, few sand, strong HCl reaction, trace carbonate nodules				
60.6	19.9	3	5	6						SS-7		60.6	19.9				
55.6	24.9	4	4	6						SS-8		55.6	24.9				
50.6	29.9	4	4	5						SS-9			29.9ft: light brownish gray (2.5Y6/2), some sand, no HCl reaction				
45.6	34.9	11	13	17						SS-10		47.2	33.3				
40.6	39.9	5	7	9						SS-11		40.6	39.9				
35.6	44.9	6	7	8						SS-12			44.9ft: light olive gray (5Y6/2), stiff, weak HCl reaction, trace carbonate nodules				
30.6	49.9	5	6	9						SS-13		32.5	48.0				
25.6	54.9	6	10	12						SS-14							

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



SHEET 2 OF 3

BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST L. Bisson					
SITE DESCRIPTION Exelon COL Project (Victoria Site)						MACTEC PROJECT NO.: 6468-07-1777						GROUND WATER (ft)	
BORING NO. B-2254		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR. ND			
GROUND SURFACE ELEV. 80.5 ft (NAVD88)		NORTHING 13,413,216		US ft (NAD83)		EASTING 2,600,263		US ft (NAD83)		24 HR. ND			
TOTAL DEPTH 151.4 ft		DRILL MACHINE CME-550				DRILLER: L. Carter/ J. Landeros				HAMMER (ID) 140 lb. Auto (MEC 03)			
DATE STARTED 11/28/07		COMPLETED 11/29/07				CASING DEPTH: N/A				BITS USED: 2 15/16" 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			
24.4					Continued from previous page								
20.6	59.9	11	13	16									Clayey SAND (SC), light brownish gray (2.5Y6/2), to light olive gray (5Y6/2), firm to very firm, moist, fine grained, some fines, no HCl reaction (continued)
													59.9ft: weak HCl reaction
15.6	64.9	8	9	11									18.5 FAT CLAY (CH), greenish gray (10Y6/1), very stiff, moist, few sand, no HCl reaction, trace carbonate nodules 62.0
10.6	69.9	5	8	10									69.9ft: trace sand, weak HCl reaction
5.6	74.9	6	9	14									74.9ft: light brownish gray (10YR6/2), little sand, no HCl reaction
0.6	79.9	6	12	14									0.6 Clayey SAND (SC), light brownish gray (2.5Y6/2), very firm, moist, fine grained, some fines, no HCl reaction 79.9
-4.4	84.9	12	20	27									-2.5 POORLY GRADED SAND with clay (SP-SC), light brownish gray (2.5Y6/2), dense, wet, fine grained, few fines, no HCl reaction 83.0
-9.4	89.9	13	29	33									89.9ft: light gray (2.5Y7/2), very dense, weak HCl reaction, trace carbonate nodules
-14.4	94.9	18	31	34									
-19.4	99.9	50/0.3											-19.4 99.9ft: no recovery 99.9
-21.6	102.1	14	44	29									Clayey SAND (SC), light gray (2.5Y7/2), very dense, moist, fine grained, some fines, strong HCl reaction, trace carbonate nodules
-29.4	109.9	29	39	33									-24.5 WELL-GRADED SAND with clay (SW-SC), light gray (2.5Y7/2), very dense, wet, fine, to coarse grained, strong HCl reaction, trace carbonate nodules 105.0

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



SHEET 3 OF 3

BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST L. Bisson					
SITE DESCRIPTION Exelon COL Project (Victoria Site)								MACTEC PROJECT NO.: 6468-07-1777				GROUND WATER (ft)	
BORING NO. B-2254		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR. ND			
GROUND SURFACE ELEV. 80.5 ft (NAVD88)		NORTHING 13,413,216		US ft (NAD83)		EASTING 2,600,263		US ft (NAD83)		24 HR. ND			
TOTAL DEPTH 151.4 ft		DRILL MACHINE CME-550				DRILLER: L. Carter/ J. Landeros				HAMMER (ID) 140 lb. Auto (MEC 03)			
DATE STARTED 11/28/07		COMPLETED 11/29/07				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
-31.7					Continued from previous page								
-39.4	119.9	6	13	13						SS-26		-32.5 FAT CLAY (CH), light greenish gray (10Y7/1), very stiff, moist, no HCl reaction, trace carbonate nodules 113.0	
-49.4	129.9	25	32	31						SS-27		-49.4 POORLY GRADED SAND with clay (SP-SC), light gray (10YR7/2), very dense, wet, fine grained, few fines, strong HCl reaction 129.9	
-59.4	139.9	19	37	50/0.3						SS-28		139.9ft: brownish yellow (10YR6/8)	
-69.4	149.9	10	13	16						SS-29		-65.0 FAT CLAY (CH), light gray (5Y6/2), very stiff, moist, trace sand, strong HCl reaction, trace carbonate nodules 145.5	
												-70.9 Boring Terminated at Elevation -70.9 ft 151.4	

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



GEOTECHNICAL BORING LOG

Prepared By J. P. H. Date 6-12-08Checked By KAW Date 7-10-08

SHEET 1 OF 3

BECHTEL PROJECT NO.: 25352					COUNTY Victoria					GEOLOGIST L. Bisson				
SITE DESCRIPTION Exelon COL Project (Victoria Site)					MACTEC PROJECT NO.: 6468-07-1777					GROUND WATER (ft)				
BORING NO. B-2255		DRILL METHOD: Mud Rotary			SAMPLE METHODS: SPT					0 HR. ND		ND		
GROUND SURFACE ELEV. 80.7 ft (NAVD83)		NORTHING 13,413,238		US ft (NAD83)		EASTING 2,600,341		US ft (NAD83)		24 HR. ND		ND		
TOTAL DEPTH 151.3 ft		DRILL MACHINE CME-550			DRILLER: L. Carter/J. Landeros					HAMMER (ID) 140 lb. Auto (MEC 03)				
DATE STARTED 11/29/07		COMPLETED 11/30/07			CASING DEPTH: N/A					BITS USED: 2 15/16" Drag Bit				
ELEV.	DEPTH	BLOW COUNT			BLOWS PER FOOT					SAMP.	LOG	SOIL AND ROCK DESCRIPTION		
(ft)	(ft)	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	4	5						SS-1		LEAN CLAY with sand (CL), dark olive brown (2.5Y3/3), stiff, moist, few sand, no HCl reaction, trace roots		
77.2	3.5	14	11	12						SS-2		FAT CLAY (CH), greenish gray (10Y6/1), very stiff, moist, trace sand, strong HCl reaction, trace carbonate nodules, trace black staining	3.5	
74.7	6.0	2	4	5						SS-3		6.0ft: light brownish gray (2.5Y6/2), stiff, weak HCl reaction		
72.2	8.5	5	7	9						SS-4		8.5ft: light olive gray (5Y6/2), to yellowish brown (10YR5/8), very stiff, few sand, strong HCl reaction		
69.7	11.0	6	10	9						SS-5		LEAN CLAY with sand (CL), greenish gray (10Y6/1), to brownish yellow (10YR6/8), very stiff, moist, little sand, trace massive carbonate nodules	11.0	
67.2	13.5	4	6	6						SS-6		13.5ft: brownish yellow (10YR6/8), veined light greenish gray (10Y7/1), stiff, few sand		
60.9	19.8	3	6	7						SS-7		FAT CLAY (CH), yellowish brown (10YR5/8), stiff, moist, trace sand, trace carbonate nodules, strong HCl reaction	19.8	
55.9	24.8	3	5	8						SS-8		24.8ft: light yellowish brown (2.5Y6/3), to light olive gray (5Y6/2)		
50.9	29.8	3	4	7						SS-9		Sandy LEAN CLAY (CL), light yellowish brown (10YR5/8), stiff, moist, some sand, strong HCl reaction, trace carbonate nodules	29.8	
45.9	34.8	6	7	10						SS-10		34.8ft: light brownish gray (2.5Y6/2), very stiff		
40.9	39.8	6	13	22						SS-11		39.8ft: greenish gray (10Y6/1), to strong brown (7.5YR5/8), hard, few sand, weak HCl reaction		
35.9	44.8	7	11	15						SS-12		POORLY GRADED SAND with clay (SP-SC), light brownish gray (10YR6/2), very firm, wet, fine grained, few fines, no HCl reaction	44.8	
30.9	49.8	7	9	14						SS-13		Clayey SAND (SC), light brownish gray (10Y6/2), very firm, wet, fine grained, little fines, no HCl reaction	49.8	
25.9	54.8	6	6	15						SS-14			54.8	

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



SHEET 2 OF 3

BECHTEL PROJECT NO.: 25352				COUNTY Victoria				GEOLOGIST L. Bisson					
SITE DESCRIPTION Exelon COL Project (Victoria Site)						MACTEC PROJECT NO.: 6468-07-1777						GROUND WATER (ft)	
BORING NO. B-2255		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR. ND			
GROUND SURFACE ELEV. 80.7 ft (NAVD88)		NORTHING 13,413,238		US ft (NAD83)		EASTING 2,600,341		US ft (NAD83)		24 HR. ND			
TOTAL DEPTH 151.3 ft		DRILL MACHINE CME-550				DRILLER: L. Carter/J. Landeros				HAMMER (ID) 140 lb. Auto (MEC 03)			
DATE STARTED 11/29/07		COMPLETED 11/30/07				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	MOI		
24.6					Continued from previous page								
20.9	59.8	13	12	11								SS-15A/B	Sandy LEAN CLAY (CL), greenish gray (10Y6/1, 10Y5/1), and strong brown (7.5YR5/8), very stiff, moist, some sand, weak HCl reaction (continued)
													59.8: 0.5'-thick layer of interbedded poorly graded sand
15.9	64.8	5	7	10								SS-16	15.9: FAT CLAY (CH), greenish gray (10Y5/1), very stiff, moist, trace sand, strong HCl reaction, trace carbonate nodules
10.9	69.8	5	5	9								SS-17	69.8ft: stiff, no HCl reaction
5.9	74.8	5	9	11								SS-18	74.8ft: gray (2.5Y6/1), very stiff, little sand, trace black staining
0.9	79.8	5	9	13								SS-19	79.8ft: light gray (2.5Y7/1)
-4.1	84.8	7	18	26								SS-20	-1.3: POORLY GRADED SAND with clay (SP-SC), light gray (10YR7/2), dense, wet, fine grained, few fines, strong HCl reaction, trace carbonate nodules
-9.1	89.8	10	17	27								SS-21	89.8ft: light gray (2.5Y7/2), weak to strong HCl reaction
-14.1	94.8	24	31	50/0.3								SS-22	-14.1: FAT CLAY with sand (CH), light gray (5Y7/1), hard, moist, little sand, strong HCl reaction, interbedded carbonate
-19.1	99.8	38	42	50								SS-23A/B	-19.1: POORLY GRADED SAND with clay (SP-SC), light gray (2.5Y7/2), very dense, wet, fine grained, few fines below 100.8ft, strong HCl reaction
													99.8-100.8ft: some fines
-29.1	109.8	22	38	40								SS-24	109.8ft: light yellowish brown (2.5Y6/3)

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



GEOTECHNICAL BORING LOG

Prepared By JPK Date 6-12-08Checked By KAW Date 7-10-08

SHEET 1 OF 4

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-2256		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR. ND			
GROUND SURFACE ELEV. 80.3 ft (NAVD88)		NORTHING 13,413,314		US ft (NAD83)		EASTING 2,600,403		US ft (NAD83)		24 HR. ND			
TOTAL DEPTH 200.0 ft		DRILL MACHINE CME-75				DRILLER: D. Nalls/B. Turner				HAMMER (ID) 140 lb. Auto (MEC 11)			
DATE STARTED 12/1/07		COMPLETED 12/2/07				CASING DEPTH: 2.0 ft				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	MOI		
80.3					Ground Surface							80.3	0.0
80.3	0.0	2	3	4	7						SS-1		Sandy LEAN CLAY (CL), black (2.5/N), firm, moist, trace sand, organics, no HCl reaction
76.8	3.5	2	3	3	6						SS-2		3.5ft: dark gray (4/N), some sand, carbonate nodules, strong HCl reaction
74.3	6.0	3	4	6	10						SS-3		6.0ft: stiff, light brownish gray (10YR6/2), little sand
71.8	8.5	4	5	7	12						SS-4	71.8	8.5
69.3	11.0	5	9	13	22						SS-5		FAT CLAY (CH) yellowish brown (10YR5/4 and 10YR5/6), mottled greenish gray (10Y6/1), stiff, moist, trace sand, black stains, carbonate nodules
66.8	13.5	9	9	10	19						SS-6		11.0ft: very stiff
61.8	18.5	5	7	10	17						SS-7		
56.8	23.5	4	6	8	14						SS-8		23.5ft: stiff
51.8	28.5	6	10	13	23						SS-9		28.5ft: greenish gray (10Y6/1), very stiff, little sand, no HCl reaction, yellowish brown stains
46.8	33.5	6	9	9	18						SS-10	46.8	33.5
41.8	38.5	8	10	10	20						SS-11	45.3	35.0
36.8	43.5	5	7	9	16						SS-12		POORLY GRADED SAND (SP), light greenish gray (5GY7/1), firm, moist, fine grained, trace fines, no HCl reaction, yellow brown stains
31.8	48.5	7	8	12	20						SS-13		
26.8	53.5	5	7	8	15						SS-14	36.8	43.5
													POORLY GRADED SAND with clay (SP-SC), light greenish gray (5GY7/1), firm, moist, fine grained, few fines, with yellowish brown stains, no HCl reaction

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



SHEET 2 OF 4

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-2256		DRILL METHOD: Mud Rotary		SAMPLE METHODS: SPT				0 HR. ND		ND				
GROUND SURFACE ELEV. 80.3 ft (NAVD88)		NORTHING 13,413,314		US ft (NAD83)		EASTING 2,600,403		US ft (NAD83)		24 HR. ND				
TOTAL DEPTH 200.0 ft		DRILL MACHINE CME-75		DRILLER: D. Nalls/B. Turner				HAMMER (ID) 140 lb. Auto (MEC 11)						
DATE STARTED 12/1/07		COMPLETED 12/2/07		CASING DEPTH: 2.0 ft				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	MOI			
24.2					Continued from previous page									
21.8	58.5	8	24	26							SS-15	21.8	58.5	POORLY GRADED SAND with clay (SP-SC), light greenish gray (5GY7/1), firm, moist, fine grained, few fines, with yellowish brown stains, no HCl reaction (continued)
16.8	63.5	4	6	7							SS-16	17.3	63.0	POORLY GRADED SAND (SP), light greenish gray (5GY7/1), dense, moist, fine grained, trace fines, carbonate nodules, no HCl reaction
11.8	68.5	3	6	8							SS-17			FAT CLAY (CH), greenish gray (10YR6/1), mottled yellowish brown (10YR5/6), stiff, moist, trace sand, carbonate nodules, black stains, weak HCl reaction
6.8	73.5	6	7	10							SS-18			73.5ft: very stiff, little sand, no HCl reaction
1.8	78.5	6	9	13							SS-19			
-3.2	83.5	16	12	12							SS-20	-3.5	83.8	POORLY GRADED SAND (SP), light gray (10YR7/2), very firm, moist, fine grained, trace fines, strong HCl reaction
-8.2	88.5	23	23	45							SS-21	-8.2	88.5	FAT CLAY with sand (CH), greenish gray (10Y6/1), hard, moist, few sand, some carbonate nodules, strong HCl reaction
-13.2	93.5	21	28	41							SS-22	-13.2	93.5	POORLY GRADED SAND with clay (SP-SC), greenish gray (10Y6/1), very dense, moist, fine grained, few fines, few carbonate nodules, strong HCl reaction, yellowish brown stains
-18.2	98.5	32	29	27							SS-23	-18.2	98.5	POORLY GRADED SAND (SP), pale brown (10YR6/3), very dense, moist, medium grained, trace fines, strong HCl reaction, 0.1'-thick interbedded clay layer
-28.2	108.5	24	37	36							SS-24			108.5ft: light brownish gray (10YR6/2)

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



SHEET 3 OF 4

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-2256		DRILL METHOD: Mud Rotary				SAMPLE METHODS: SPT				0 HR. ND		
GROUND SURFACE ELEV. 80.3 ft (NAVD88)		NORTHING 13,413,314		US ft (NAD83)		EASTING 2,600,403		US ft (NAD83)		24 HR. ND		
TOTAL DEPTH 200.0 ft		DRILL MACHINE CME-75				DRILLER: D. Nalls/B. Turner				HAMMER (ID) 140 lb. Auto (MEC 11)		
DATE STARTED 12/1/07		COMPLETED 12/2/07				CASING DEPTH: 2.0 ft				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			
-31.9					Continued from previous page							
-38.2	118.5	5	18	13								
-48.2	128.5	15	18	25								
-58.2	138.5	45	50/0.4									
-68.2	148.5	13	17	19								
-78.2	158.5	45	50/0.2									

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