DC54-100

LOG of BORING NO. TB-101

DATE: 11/17/2004 SURFACE ELEVATION: 35.2 LOCATION: See Figure 1

DEPTH, ft.	SAMPLES	N VALUE OR CORE RECOVERY	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
0										
5		5	SS	Medium stiff to stiff dark gray organic clayey silt/silty clay with organic inclusions		0.75-1.5	60.5			
10		5	SS			0.5-1.0	51.7			
15		3	SS	- becoming soft to stiff with occasional organic inclusions, trace fine gravel		0.5-1.5	67.3	73	51	
			ST							X
20		9*	SS	- becoming stiff with occasional peaty organic inclusions, trace fragmite fibrous organic inclusions	13.2'	1.0-1.25	57.0			
25		2	SS	Soft to medium stiff dark gray organic silt, trace occasional fine hair roots		0.5-0.75	85.4			X
30		4	SS	- becoming medium stiff	2.7'	0.75-1.0	50.5	82	46	
35		4	SS	Soft to medium stiff multi-colored gray, dark gray, and greenish gray-brown mottled clayey silt/silty clay with wet fine sand lenses		0.4-1.0	22.8			

Completion Depth: 100 ft. Water Depth: _____

Project No.: 2004G541 _____ ft After _____ hrs

Project Name: PREMCOR DMSA III _____ ft After _____ hrs

Drilling Method: Hollow-Stem Augers with automatic SPT hammer _____ ft After _____ hrs

GeoSystems Consultants

LOG of BORING NO. TB-101

DATE: 11/17/2004 SURFACE ELEVATION: 35.2 LOCATION: See Figure 1

DEPTH, ft.	SAMPLES	N VALUE OR CORE RECOVERY	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
35		4	SS	Medium stiff to stiff multi-colored gray, dark gray, and greenish gray-brown mottled clayey silt/silty clay with occasional lenses of fine sand		0.75	26.2	37	20	X
			ST			0.6-1.25	26.4			
		7*	SS		-6.8'					
40										
45		woh	SS	Soft dark gray organic clayey silt/silty clay	-11.8'	0.3-0.5	66.2			
			ST							X
		7*	SS	Dark brown fibrous peat			36.7			
50			ST				238.0			X
		3	SS		-17.8'		25.4			
				Very soft greenish gray fine sandy clayey silt/silty clay		0.2				
55			ST			0.75	24.9	30	16	X
		3	SS	- becoming soft to medium stiff, with occasional brown mottling		0.5-0.75	29.1			
60		3	SS	- with inclusions of orange-brown silty sand, trace mica		0.5-0.75	30.7			
65		4	SS		-32.3'	0.5-0.75	35.6			
				Stiff gray clayey silt/silty clay with occasional silty fine sand lenses below 70.5 feet, trace mica						
70		5	SS			1.2-1.75	34.1			

Completion Depth: 100 ft. Water Depth: _____

Project No.: 2004G541 _____ ft After _____ hrs

Project Name: PREMCOR DMSA III _____ ft After _____ hrs

Drilling Method: Hollow-Stem Augers with automatic SPT hammer _____ ft After _____ hrs

LOG of BORING NO. TB-101

DATE: 11/17/2004 SURFACE ELEVATION: 35.2 LOCATION: See Figure 1

DEPTH, ft.	SAMPLES	N VALUE OR CORE RECOVERY	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
70		5	SS							
75		9	SS	Stiff gray micaceous clayey silt/silty clay with occasional silty fine sand lenses		1.0-1.75	37.5			
80		9	SS	- with very thin fine sand lenses		2.0	36.3			
			ST				34.5	69	30	X
		9	SS			2.0	33.2			
85					-51.8'					
90		11	SS	Stiff to very stiff gray micaceous sandy clay; trace occasional fine gravel		1.75-2.25	24.5			
95		17	SS	- becoming hard gray micaceous fine sandy clay and medium dense clayey fine sand		4.25-4.5	24.5	40	22	
		13	SS	- becoming very stiff	-64.8'	2.25-2.75				
100				Notes: "*" indicates use of safety hammer "woh" indicates weight of hammer						
105										

Completion Depth: 100 ft. Water Depth: _____

Project No.: 2004G541 _____ ft After _____ hrs

Project Name: PREMCOR DMSA III _____ ft After _____ hrs

Drilling Method: Hollow-Stem Augers with automatic SPT hammer _____ ft After _____ hrs

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