

Dc55-18

LOG of BORING NO. TB-103

Sheet 1 of 3

DATE: 11/23/2004

SURFACE ELEVATION: 36.2

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		16	SS	Dense gray silty fine sand with occasional fibrous root inclusions			15.6			
10		3	SS	- becoming loose gray silty fine sand			28.6			
15		woh	SS	- becoming very loose	20.7'		43.6			
			ST	Soft dark gray organic fine sandy clayey silt/silty clay		0.25-0.3				X
20		woh*	SS	- with very loose gray silty fine sand layers from 18 to 18.6 feet and 19.5 to 19.9 feet			39.2			
25		woh	SS	- becoming very soft to soft dark gray organic clayey silt/silty clay with silty fine sand lenses to 25 feet		0.0-0.3	68.9			
			ST			0.5				X
30		2*	SS	- becoming soft dark gray organic clayey silt/silty clay with organic inclusions, trace 0.5-inch-thick sand layers and roots below 29.5 feet		0.3-0.5	49.7			
35		woh	SS	- becoming alternating 2-inch to 6-inch-thick layers of very soft dark gray organic silt and very loose gray silty fine sand		0.0-0.3	31.5			

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-103

Sheet 2 of 3

DATE: 11/23/2004

SURFACE ELEVATION: 36.2

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		woh	SS	Alternating 2-inch to 6-inch-thick layers of very soft dark gray organic silt and very loose gray silty fine sand	-1.3'					
				Very loose gray silty fine sand with 0.25-inch-thick dark gray silt lenses	-4.3'		44.5			
40	1		SS							
			ST	Soft dark gray organic clayey silt/silty clay, trace mica		0.25				X
		6*	SS	- becoming medium stiff with occasional organic inclusions	-8.3'	0.6-0.75	97.8			
45			ST	Dark brown fibrous peat	-10.8'		21.7	NP	NP	X
		woh*	SS	Soft to medium stiff dark gray organic clayey silt/silty clay with fibrous and peaty organic inclusions		0.5-0.75	74.9			
50			ST			0.5				X
		1	SS	- becoming soft, trace fine hair root inclusions; with occasional thin (1/16") fine sand lenses below 52 feet		0.3-0.5	62.2			
55		woh	SS		-21.8'	0.4-0.5	45.5			
60		12	SS	Loose to medium dense gray fine sand, trace mica			18.0			
65		5	SS	- becoming very loose dark gray micaceous silty fine sand			35.4	45	31	
70		11	SS	- becoming loose dark gray micaceous fine sandy silt/silty fine sand with frequent 0.25-inch-thick gray silt lenses			32.7			

Completion Depth: <u>100 ft.</u>	Water Depth: _____
Project No.: <u>2004G541</u>	_____ ft After _____ hrs
Project Name: <u>PREMCOR DMSA III</u>	_____ ft After _____ hrs
Drilling Method: <u>Hollow-Stem Augers with automatic SPT hammer</u>	_____ ft After _____ hrs

LOG of BORING NO. TB-103

Sheet 3 of 3

DATE: 11/23/2004

SURFACE ELEVATION: 36.2

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		11	SS	Loose dark gray micaceous fine sandy silt/silty fine sand with frequent 0.25-inch-thick gray silt lenses						
75		**	SS		-41.0'		37.7			
80		8	SS	Stiff dark gray micaceous fine sandy clayey silt		1.25-1.75	35.9			
			ST				30.5	56	33	X
		8	SS	- with frequent gray silt lenses		1.75-2.25	39.0			
85										
90		7	SS	- with occasional fine gravel		1.25	41.6			
95		9	SS			1.6-1.8	35.8			
100		4	SS		-63.8'	1.3-1.5	37.4			
105										

Notes:
 "**" indicates use of safety hammer
 "woh" indicates weight of hammer
 "****" indicates no SPT; dropped rods

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