

Project Name: UPC-Schlage
 Project Number: 4096088522 01.09

PTS File No: 38718
 Client: MACTEC

TEST PROGRAM

CORE ID	Depth ft.	Core Recovery ft.	Grain Size Analysis D422	Atterberg Limits D4318	Moisture Content D2216	Dry Bulk Density API RP 40	Total Porosity API RP 40	Soil pH EPA 9045		Notes
		Plugs:	Grab	Grab	Vert. 1.5"	Vert. 1.5"	Vert. 1.5"	Grab		
Rcvd. 8/6/08										
MEC6-23	22.5-23	0.5	X	X	X	X		X		
MEC6-23	23-23.5	0.5								
MEC5-20	18.5-19	0.5								
MEC5-20	19.5-20	0.5	X	X	X	X	X	X		
MEC5-5	4-4.5	0.5	X	X	X	X		X		
MEC5-5	4.5-5	0.5								
MEC4-5	4-4.5	0.5	X	X	X	X		X		
MEC4-5	4.5-5	0.5								
MEC4-7	6.5-7	0.5	X	X	X	X		X		
MEC4-7	7-7.5	0.5								
MEC5-15	14-14.5	0.5	X	X	X	X		X		
MEC5-15	14.5-15	0.5								
MEC6-5	4-4.5	0.5	X	X	X	X		X		
MEC6-5	4.5-5	0.5								
MEC6-8	7.5-8	0.5	X	X	X	X		X		
MEC6-8	8-8.5	0.5								
MEC4-15	14-14.5	0.5								
MEC4-15	14.5-15	0.5	X	X	X	X		X		
MEC1-12	11-11.5	0.5	X	X	X	X		X		
MEC1-12	11.5-12	0.5								
MEC2-5	3.5-4	0.5	X	X	X	X		X		

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		Plugs:	Grab	Grab	Vert. 1.5"	Vert. 1.5"	Vert. 1.5"	Grab		
MEC2-5	4-4.5	0.5								
MEC3-4	3.5-4	0.5								
MEC3-4	4-4.5	0.5	X	X	X	X		X		
MEC1-8	7-7.5	0.5	X	X	X	X		X		
MEC1-8	7.5-8	0.5								
MEC2-6	5.5-6	0.5								
MEC2-6	6-6.5	0.5	X	X	X	X		X		
MEC3-10	9-9.5	0.5								
MEC3-10	9.5-10	0.5	X	X	X	X	X	X		
MEC2-11	11.5-12	0.5								
MEC2-11	12-12.5	0.5	X	X	X	X		X		
MEC3-3	2.5-3.5	1.0	X	X	X	X	X	X		
TOTALS:	33	17.0	17	17	17	17	3	17		

Laboratory Test Program Notes

Analyze 17 of 33 samples per Ram Rao/MACTEC 8/14/08.

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ATTERBERG LIMITS DATA - FINE FRACTION < No. 40 SIEVE

(METHODOLOGY: ASTM D4318)

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SAMPLE ID.	DEPTH, ft.	ATTERBERG LIMITS			USCS / PLASTICITY CHART SYMBOL (Fines: <#40 Sieve)
		LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
MEC6-23	22.5-23	11.9	NON-PLASTIC		NP
MEC5-20	19.5-20	7.5	NON-PLASTIC		NP
MEC5-5	4-4.5	5.6	NON-PLASTIC		NP
MEC4-5	4-4.5	11.5	NON-PLASTIC		NP
MEC4-7	6.5-7	10.9	NON-PLASTIC		NP
MEC5-15	14-14.5	6.5	NON-PLASTIC		NP
MEC6-5	4-4.5	20.3	11.7	8.6	CL
MEC6-8	7.5-8	3.0	NON-PLASTIC		NP
MEC4-15	14.5-15	10.2	NON-PLASTIC		NP
MEC1-12	11-11.5	3.5	NON-PLASTIC		NP
MEC2-5	3.5-4	5.0	NON-PLASTIC		NP
MEC3-4	4-4.5	7.9	NON-PLASTIC		NP
MEC1-8	7-7.5	9.0	NON-PLASTIC		NP
MEC2-6	6-6.5	11.1	NON-PLASTIC		NP
MEC3-10	9.5-10	17.8	NON-PLASTIC		NP
MEC2-11	12-12.5	9.2	NON-PLASTIC		NP
MEC3-3	2.5-3.5	15.8	NON-PLASTIC		NP