

Test Location Information:

Exploration: B-3B Date: 10/1/2008
 Surface El.: 6.95 feet Engineer: MLE
 Test Depth: 34 feet
 Test El.: -27.1 feet

Vane and Test Data:

Vane Diameter: 3 5/8 inches Vane Type: Standard Vane
 Vane Constant, k: 0.905 Depth of Vane Tip: 34
 Torque Arm Length: 12 inches Depth of Vane Tip Below Bottom of Hole: 34
 Torque Rate - Undisturbed: 0.1 deg/sec
 Torque Rate - Remolded: 0.1 deg/sec

Remolded Condition				Remolded Condition			
Degrees of Rotation	Dial Reading (lbs)	Friction (lbs)	S _u (psf)	Degrees of Rotation	Dial Reading (lbs)	Friction (lbs)	S _u (psf)
1	0	0	0	18	17	0	185
2	6	0	65	19	17	0	185
3	19	0	206	20	17	0	185
4	20	0	217	21		0	0
5	21	0	228	22		0	0
6	20	0	217	23		0	0
7	19	0	206	24		0	0
8	19	0	206	25		0	0
9	19	0	206	26		0	0
10	18	0	195	27		0	0
11	18	0	195	28		0	0
12	18	0	195	29		0	0
13	17	0	185	30		0	0
14	17	0	185	31		0	0
15	17	0	185	32		0	0
16	17	0	185	33		0	0
17	17	0	185	34		0	0
				35		0	0



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FIELD VANE SHEAR TEST REPORT | 3 of 3

Project No.: 1131-08-554
 Project Name: Port Access Road
 Location: Charleston, SC
 Client: SCDOT