

Test Location Information:

Exploration: B-34SCPT Date: 10/21/2008
 Surface El.: 7.8 feet Engineer: RCB
 Test Depth: 17.5 feet
 Test El.: -9.7 feet

Vane and Test Data:

Vane Diameter: 3 5/8 inches Vane Type: Standard Vane
 Vane Constant, k: 0.905 Depth of Vane Tip: 17.5
 Torque Arm Length: 12 inches Depth of Vane Tip Below Bottom of Hole: 18 in.
 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	2	0	22
2	1	0	11	19	2	0	22
3	1	0	11	20	2	0	22
4	2	0	22	21		0	0
5	2	0	22	22		0	0
6	2	0	22	23		0	0
7	2	0	22	24		0	0
8	2	0	22	25		0	0
9	2	0	22	26		0	0
10	2	0	22	27		0	0
11	2	0	22	28		0	0
12	2	0	22	29		0	0
13	2	0	22	30		0	0
14	2	0	22	31		0	0
15	2	0	22	32		0	0
16	2	0	22	33		0	0
17	2	0	22	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