

Test Location Information:

Exploration: B-34SCPT Date: 10/22/2008
 Surface El.: 7.8 feet Engineer: RCB
 Test Depth: 26.5 feet
 Test El.: -18.7 feet

Vane and Test Data:

Vane Diameter: 3 5/8 inches Vane Type: Standard Vane
 Vane Constant, k: 0.905 Depth of Vane Tip: 26.5
 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	4	0	43
2	3	0	33	19	4	0	43
3	3	0	33	20	4	0	43
4	3	0	33	21	5	0	54
5	3	0	33	22	5	0	54
6	4	0	43	23	5	0	54
7	4	0	43	24	5	0	54
8	4	0	43	25	5	0	54
9	4	0	43	26	5	0	54
10	4	0	43	27	5	0	54
11	4	0	43	28	5	0	54
12	4	0	43	29	5	0	54
13	4	0	43	30	5	0	54
14	4	0	43	31	5	0	54
15	4	0	43	32		0	0
16	4	0	43	33		0	0
17	4	0	43	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