

Test Location Information:

Exploration: B-40 Date: 10/2/2008
 Surface El.: 2.3 feet Engineer: MLE
 Test Depth: 15 feet
 Test El.: -12.7 feet

Vane and Test Data:

Vane Diameter: 3 5/8 inches Vane Type: Standard Vane
 Vane Constant, k: 0.905 Depth of Vane Tip: 15
 Torque Arm Length: 12 inches Depth of Vane Tip Below Bottom of Hole: 1.5
 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	1	0	11
2	3	0	33	19	1	0	11
3	2	0	22	20	1	0	11
4	2	0	22	21	1	0	11
5	2	0	22	22	1	0	11
6	2	0	22	23	1	0	11
7	2	0	22	24	1	0	11
8	2	0	22	25	1	0	11
9	2	0	22	26	1	0	11
10	1	0	11	27	1	0	11
11	1	0	11	28	1	0	11
12	1	0	11	29	1	0	11
13	1	0	11	30	1	0	11
14	1	0	11	31	1	0	11
15	1	0	11	32	1	0	11
16	1	0	11	33	1	0	11
17	1	0	11	34	1	0	11
				35	1	0	11



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FIELD VANE SHEAR TEST REPORT | 3 of 3

Project No.: 1131-08-431
 Project Name: Spring/Fishburne Outfall Project
 Location: Charleston, SC
 Client: Black and Veatch