

Project:		Bessie Heights Marsh Restoration -- Sabine Neches Waterway										
HVJ Project No.:		02-157GH-0										
Marsh Area:		Site 2										
Date of Probing:		10/16/02 and 10/17/02										
Logger: JG		Vessel: Flat Bottom Boat										
Probe No.		Date	Time	Water Depth	By Self Weight of the Probe	By Pushing the Probe	Penetration Below Mud Line Total Depth of Penetration		Consistency of Soil	Firm	Resistance	
				(ft)	(ft)	(ft)	(ft)			ft	ft	
P-1		10/16/02	2:18 PM	3	0.25	9	9.25	9'-3"	Very soft to soft	12		
P-2		10/16/02	2:25 PM	3	0.17	9	9.17	9'-2"	Very soft to soft, firm below 7'	7		
P-3		10/16/02	2:30 PM	3	0.08	9	9.08	9'-1"	Very soft to soft, firm below 6'	6		
P-4		10/16/02	2:32 PM	3.17	0.17	9	9.17	9'-2"	Very soft to soft, firm below 6'	6		
P-5		10/16/02	2:40 PM	3.17	0.17	9	9.17	9'-2"	Very soft to soft, firm below 6'	6		
P-11		10/16/02	3:10 PM	3	0.25	9	9.25	9'-3"	Very soft to soft	12		
P-12		10/16/02	3:00 PM	2.75	0.17	9	9.17	9'-2"	Very soft to soft, firm below 6'	6		
P-13		10/16/02	3:05 PM	3	0.33	9	9.33	9'-4"	Very soft to soft	12		
P-14		10/16/02	3:15 PM	3	0.33	9	9.33	9'-4"	Very soft to soft, firm below 6.5'	6.5		
P-15		10/17/02	2:06 PM	3	0.17	9	9.17	9'-2"	Very soft to soft, firm below 6'	6		
P-16		10/17/02	2:16 PM	3	1	9	10	10'	Very soft to soft	12		
P-17		10/17/02	2:30 PM	3	0.25	9	9.25	9'-3"	Very soft to soft	12		
P-18		10/17/02	2:45 PM	3.5	0.17	9	9.17	9'-2"	Very soft to soft	12		
P-19		10/17/02	3:00 PM	3.5	0.25	9	9.25	9'-3"	Very soft to soft	12		
P-31		10/17/02	9:45 AM	2	0.17	9	9.17	9'-2"	2" very soft, firm below 2"	0.17		
P-32		10/17/02	9:30 AM	3.17	0.17	9	9.17	9'-2"	Very soft to soft, firm below 8', refusal at 9'	8	9	
P-33		10/17/02	9:15 AM	3	0.17	9	9.17	9'-2"	Very soft to soft	12		
P-34		10/17/02	9:00 AM	3	0.17	9	9.17	9'-2"	Very soft to soft	12		
P-35		10/17/02	8:55 AM	3	0.17	9	9.17	9'-2"	Very soft to soft	12		
P-36		10/17/02	8:45 AM	2	1	9	10	10'	Very soft to soft	12		
P-37		10/17/02	8:30 AM	1.5	1.5	9	10.5	10'-6"	Very soft to soft	12		
P-38		10/16/02	4:30 PM	2.5	0.08	9	9.08	9'-1"	Very soft to soft, firm below 3'	3		
P-39		10/16/02	4:00 PM	2	0.08	9	9.08	9'-1"	Very soft to soft, firm below 6'	6		
P-40		10/16/02	3:40 PM	3	0.08	9	9.08	9'-1"	Very soft to soft, firm below 6'	6		
P-41		10/16/02	3:20 PM	3.17	0.17	9	9.17	9'-2"	Very soft to soft	12		
P-53		10/17/02	9:58 AM	2	0.5	7	7.5	7'-6"	Very soft to soft, firm below 7', refusal at 7.5'	7	7.5	
P-54		10/17/02	10:07 AM	2	1	8	9	9'	Very soft to soft, firm below 8'	8		
P-55		10/17/02	10:20 AM	2	1	9	10	10'	Very soft to soft	12		
P-56		10/17/02	10:30 AM	2	0.92	9	9.92	9'-11"	Very soft to soft	12		
P-57		10/17/02	10:41 AM	3	0.17	9	9.17	9'-2"	Very soft to soft	12		
P-58		10/17/02	10:52 AM	3	0.5	6.5	7	7'	Very soft to soft, firm below 6', refusal at 7'	6	7	
P-59		10/17/02	11:01 AM	1.5	1.5	9	10.5	10'-6"	Very soft to soft	12		
P-60		10/17/02	11:20 AM	4	0.17	8	8.17	8'-2"	Very soft to soft	12		
P-61		10/17/02	11:58 AM	1.5	0.83	10.5	11.33	11'-4"	Very soft to soft	12		
P-62		10/17/02	12:09 AM	2	0.5	7.5	8	8'	Very soft to soft, firm below 7.5'	7.5		
P-63		10/17/02	12:30 PM	2	0.08	9	9.08	9'-1"	Very soft to soft	12		
P-64		10/17/02	12:45 PM	1.5	1.5	9	10.5	10'-6"	Very soft to soft	12		
P-65		10/17/02	1:00 PM	2	1.5	9	10.5	10'-6"	Very soft to soft	12		
P-66		10/17/02	1:07 PM	3	0.17	9	9.17	9'-2"	Very soft to soft	12		
P-67		10/17/02	1:12 PM	2	1	9	10	10'	Very soft to soft	12		
P-68		10/17/02	1:20 PM	2	1	7	8	7'-6"	Very soft to soft	12		
P-69		10/17/02	1:33 PM	1	0.17	9	9.17	9'-2"	Very soft to soft	12		
P-70		10/17/02	1:45 PM	2	0.17	6	6.17	6'-2"	2" very soft, firm to 6', refusal at 6.2'	6	6.17	
P-71		10/17/02	1:50 PM	3.5	0.08	8	8.08	8'-1"	Very soft to soft	12		
P-72		10/16/02	2:55 PM	2.75	0.25	9	9.25	9'-3"	Very soft to soft	12		
				feet								
				Average	2.58	0.46	8.72	9.18		9.99	7.42	no firm given depth of 12
				Max	4.00	1.50	10.50	11.33		12.00	9.00	
				Min	1.00	0.08	6.00	6.17		0.17	6.17	
Water depth average is 2.7'												
WOR Thickness average is 0.5' varies from 0.11 to 1.5'												
Adding 2.7' water Bottom of WOR average is 3.2												