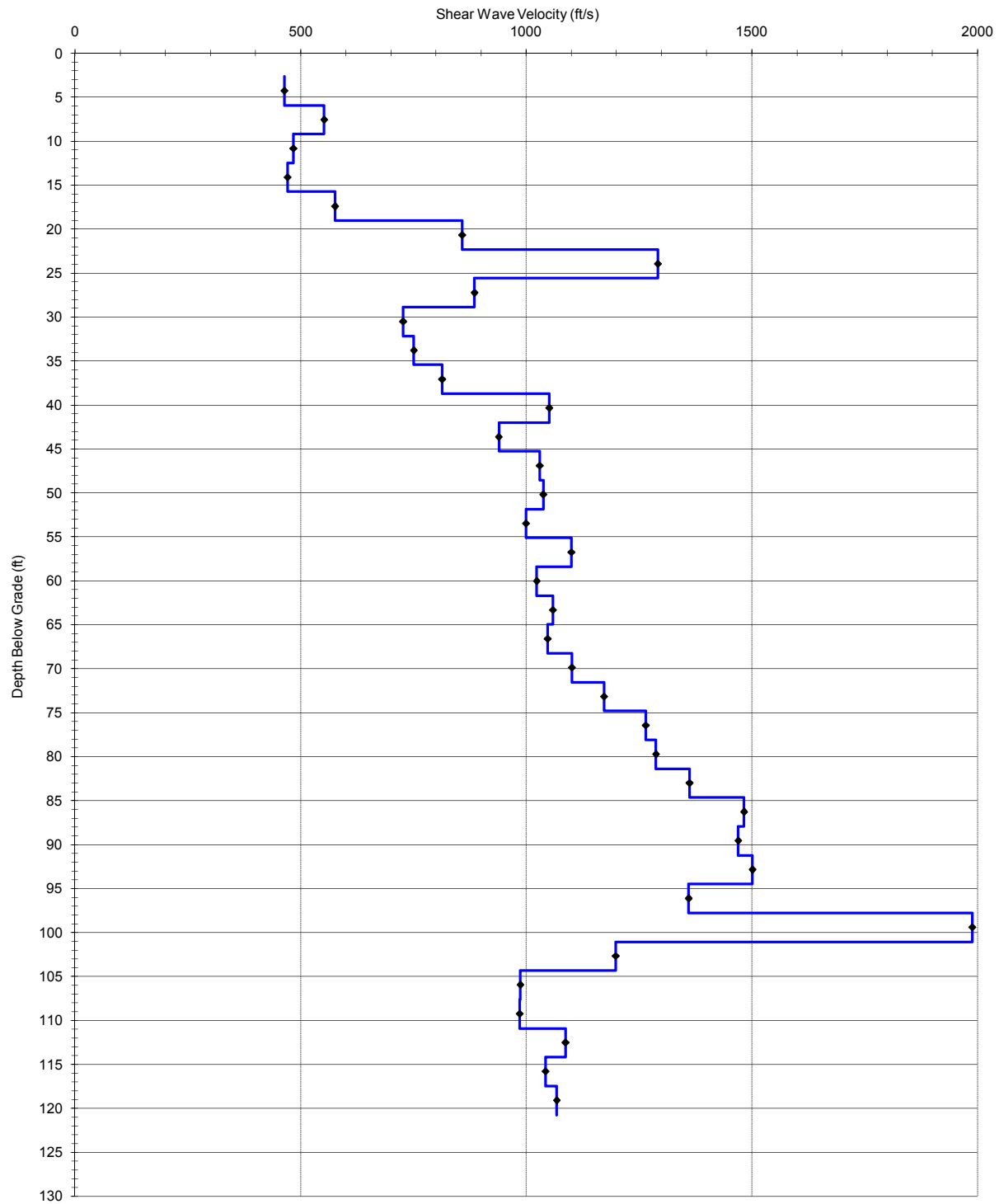




Shear Wave Velocity- CPT-2  
SC-41 Replacement Bridge  
11-920  
March 8 2011





## ConeTec Shear Wave Velocity Data Reduction Sheet

Hole: CPT-2  
Location: SC-41 Replacement Bridge  
Cone: AD214  
Date: 8-Mar-11  
Source: Beam

Source Depth	0.00 m
Source Offset	1.45 m

Tip Depth (m)	Geophone Depth(m)	Travel Path (m)	Interval time (ms)	Velocity (m/s)	Velocity (ft/s)	Interval Depth (m)	Interval Depth (ft)
0.00							
1.00	0.80	1.66					
2.00	1.80	2.31	4.63	141.5	464.3	1.30	4.27
3.00	2.80	3.15	5.00	168.4	552.4	2.30	7.55
4.00	3.80	4.07	6.20	147.4	483.7	3.30	10.83
5.00	4.80	5.01	6.60	143.6	471.1	4.30	14.11
6.00	5.80	5.98	5.49	175.8	576.7	5.30	17.39
7.00	6.80	6.95	3.73	261.4	857.8	6.30	20.67
8.00	7.80	7.93	2.49	393.7	1291.7	7.30	23.95
9.00	8.80	8.92	3.65	269.9	885.6	8.30	27.23
10.00	9.80	9.91	4.46	221.6	727.2	9.30	30.51
11.00	10.80	10.90	4.33	228.9	751.1	10.30	33.79
12.00	11.80	11.89	4.00	247.9	813.3	11.30	37.07
13.00	12.80	12.88	3.10	320.4	1051.3	12.30	40.35
14.00	13.80	13.88	3.47	286.3	939.4	13.30	43.63
15.00	14.80	14.87	3.17	313.8	1029.6	14.30	46.92
16.00	15.80	15.87	3.15	316.3	1037.7	15.30	50.20
17.00	16.80	16.86	3.27	304.6	999.3	16.30	53.48
18.00	17.80	17.86	2.97	335.3	1100.1	17.30	56.76
19.00	18.80	18.86	3.20	311.9	1023.3	18.30	60.04
20.00	19.80	19.85	3.09	322.8	1059.0	19.30	63.32
21.00	20.80	20.85	3.12	319.3	1047.7	20.30	66.60
22.00	21.80	21.85	2.97	335.5	1100.8	21.30	69.88
23.00	22.80	22.85	2.79	357.3	1172.3	22.30	73.16
24.00	23.80	23.84	2.59	385.5	1264.6	23.30	76.44
25.00	24.80	24.84	2.54	392.5	1287.7	24.30	79.72
26.00	25.80	25.84	2.41	415.0	1361.6	25.30	83.00
27.00	26.80	26.84	2.21	452.0	1482.9	26.30	86.29
28.00	27.80	27.84	2.23	448.0	1470.0	27.30	89.57
29.00	28.80	28.84	2.18	457.6	1501.4	28.30	92.85
30.00	29.80	29.84	2.41	414.6	1360.2	29.30	96.13
31.00	30.80	30.83	1.65	606.0	1988.1	30.30	99.41
32.00	31.80	31.83	2.74	365.1	1197.9	31.30	102.69
33.00	32.80	32.83	3.32	300.9	987.2	32.30	105.97
34.00	33.80	33.83	3.33	300.3	985.2	33.30	109.25
35.00	34.80	34.83	3.02	331.2	1086.7	34.30	112.53
36.00	35.80	35.83	3.14	317.9	1042.9	35.30	115.81
37.00	36.80	36.83	3.07	325.5	1067.9	36.30	119.09

Job No: 11-920

Client: F&ME

Project Title: SC-41 Replacement Bridge

Operator: AS-RH

Hole: CPT-2

Site: SC 41 Replaceme

Date: 03:08:11 13:54

Oversite: 214:T1500F15U500

