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Volume 3

Cone Penetrometer and Dilatometer Soundings

In-Tank Precipitation Facility (ITP) and H-Tank Farm (HTF) Geotechnical Report (U) WSRC-TR-95-0057, Rev. 0

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**PIEZO/SEISMIC-CONE PENETRATION TESTS
AT THE H-AREA
SAVANNAH RIVER SITE,
AIKEN, SOUTH CAROLINA**

Final Report

Prepared for:

**Westinghouse Savannah River Company
Procurement Materials Management Department
1000 Brookhaven Drive
Aiken, SC 29803**

Project No. AB60413N

Prepared by:

**Bryan E. Fisk
David A. Timian, P.E.**

ARA Report No. 5961-Final

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**Applied Research Associates, Inc.
120-A Waterman Road
South Royalton, Vermont 05068**

APPENDIX A

Location : H-CIF-C06

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
285.2	12.1	1679.09	2.30E-04	6.10E+04	99.77
282.3	15.0	1679.39	1.10E-04	6.60E+04	108.13
279.3	18.0	1618.53	1.40E-04	5.60E+04	98.60
276.2	21.1	1438.20	1.30E-04	4.40E+04	98.19
273.3	24.0	1362.25	1.10E-04	4.10E+04	102.51
270.3	27.0	1226.28	1.20E-04	3.90E+04	102.70
267.3	30.0	1145.90	1.40E-04	2.90E+04	100.88
264.1	33.2	1103.24	1.50E-04	3.20E+04	120.44
261.3	36.0	1058.84	1.40E-04	2.60E+04	114.49
258.3	39.0	1045.06	1.10E-04	2.80E+04	117.52
255.1	42.2	1046.14	1.10E-04	2.80E+04	116.75
252.3	45.0	1058.92	1.10E-04	2.70E+04	113.35
249.3	48.0	1085.23	1.80E-04	2.90E+04	112.70
246.3	51.0	1126.17	1.50E-04	3.20E+04	115.29
243.3	54.0	1147.51	1.40E-04	3.30E+04	116.23
240.3	57.0	1152.17	1.40E-04	3.40E+04	118.59
237.3	60.0	1151.16	1.30E-04	3.40E+04	118.26
233.9	63.4	1186.85	1.20E-04	3.50E+04	116.34
231.3	66.0	1156.70	1.20E-04	3.50E+04	120.29
228.2	69.1	1144.49	5.60E-05	3.30E+04	117.43
225.3	72.0	1128.42	1.20E-04	3.30E+04	120.05
222.3	75.0	1119.47	1.10E-04	3.30E+04	120.55
219.3	78.0	1169.42	9.40E-05	3.60E+04	121.96
216.3	81.0	1196.86	8.40E-05	3.90E+04	126.25
213.3	84.0	1233.62	7.30E-05	4.10E+04	125.16
210.3	87.0	1291.33	5.60E-05	4.50E+04	127.29
207.2	90.1	1322.89	4.80E-05	4.80E+04	127.25
204.3	93.0	1301.72	4.10E-05	4.90E+04	132.90
201	96.3	1205.36	4.10E-05	4.10E+04	131.39
198.3	99.0	1112.04	6.80E-05	3.30E+04	122.20
195.3	102.0	1078.05	7.70E-05	2.90E+04	114.06
192.3	105.0	1079.86	5.60E-05	3.00E+04	119.52
189.2	108.1	1108.38	5.10E-05	3.30E+04	125.05
186.3	111.0	1100.87	4.70E-05	3.10E+04	120.19
183.2	114.1	1091.88	4.90E-05	3.20E+04	122.90
180.3	117.0	1093.32	4.70E-05	3.10E+04	122.04
177.3	120.0	1083.31	3.30E-05	3.00E+04	117.18
174.2	123.1	1057.85	2.80E-05	3.10E+04	128.43
171.1	126.2	1026.53	2.40E-05	2.80E+04	122.74
168.3	129.0	1012.36	2.10E-05	2.80E+04	127.64
165.2	132.1	1016.43	2.20E-05	2.80E+04	124.08
162.2	135.1	1005.01	2.00E-05	2.70E+04	125.46
159.3	138.0	1060.45	1.70E-05	3.00E+04	124.65
156.2	141.1	1242.89	1.50E-05	4.00E+04	120.39
153.3	144.0	1338.54	9.00E-06	4.60E+04	118.40
150.3	147.0	1275.81	7.80E-06	4.30E+04	122.00
147.3	150.0	1118.37	9.80E-06	3.20E+04	117.02
144.3	153.0	1003.93	7.60E-06	2.80E+04	127.99
141.2	156.1	1071.11	6.90E-06	3.10E+04	126.11
138.2	159.1	1080.77	5.60E-06	3.10E+04	124.63
135.27	162.03	1139.98	6.10E-06	3.30E+04	119.26
132.24	165.06	1218.64	6.70E-06	3.80E+04	117.61
129.05	168.25	1285.86	7.40E-06	4.10E+04	116.35
126.28	171.02	1399.72	7.10E-06	4.90E+04	115.95
123.28	174.02	1376.43	7.30E-06	4.80E+04	116.68

Location : H-CIF-C07

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
287.6	12.0	1218.04	3.30E-04	3.30E+04	102.08
284.5	15.1	1314.91	2.20E-04	3.90E+04	105.80
281.6	18.0	1626.98	1.80E-04	5.50E+04	96.61
278.6	21.0	1453.55	1.70E-04	4.70E+04	102.78
275.6	24.0	1344.83	1.70E-04	4.00E+04	102.55
272.6	27.0	1248.14	1.60E-04	3.20E+04	96.65
269.6	30.0	1266.34	1.60E-04	3.60E+04	103.24
266.6	33.0	843.75	2.10E-04	1.90E+04	122.84
263.6	36.0	892.84	1.60E-04	2.00E+04	119.08
260.6	39.0	769.15	3.90E-05	1.60E+04	122.22
257.6	42.0	810.70	2.60E-04	1.70E+04	122.37
254.6	45.0	1017.24	1.30E-04	2.60E+04	114.58
251.6	48.0	1047.08	1.40E-04	2.70E+04	115.10
248.6	51.0	1400.97	1.00E-04	5.00E+04	119.20
245.6	54.0	1253.40	9.60E-05	4.20E+04	124.33
242.6	57.0	1200.37	8.30E-05	3.90E+04	125.70
239.6	60.0	1200.90	8.30E-05	3.90E+04	124.69
235.9	63.7	1216.26	7.60E-05	4.00E+04	124.47
233.5	66.1	1242.40	7.20E-05	4.30E+04	127.84
230.7	68.9	1234.13	6.90E-05	4.20E+04	128.96
227.5	72.1	1219.01	6.80E-05	4.00E+04	123.95
224.5	75.1	1180.45	6.40E-05	3.80E+04	127.33
221.6	78.0	1156.95	6.10E-05	3.70E+04	128.94
218.6	81.0	1185.72	5.10E-05	3.90E+04	129.01
215.5	84.1	1183.25	4.70E-05	4.00E+04	130.86
212.6	87.0	1216.48	5.00E-05	4.10E+04	129.35
209.6	90.0	1234.85	4.50E-05	4.30E+04	129.46
206.6	93.0	1146.66	5.10E-05	3.70E+04	130.06
203.3	96.3	1073.48	6.60E-05	3.00E+04	121.61
200.6	99.0	1049.32	6.30E-05	2.70E+04	115.44
197.5	102.1	1020.78	5.30E-05	2.60E+04	115.50
194.5	105.1	1043.85	4.80E-05	2.70E+04	115.44
191.5	108.1	1037.11	4.40E-05	2.70E+04	118.36
188.6	111.0	1052.82	4.20E-05	2.90E+04	120.79
185.6	114.0	1141.46	3.80E-05	3.40E+04	119.83
182.5	117.1	1169.60	3.20E-05	3.70E+04	125.49
179.6	120.0	1147.40	3.70E-05	3.60E+04	127.89
176.5	123.1	1081.35	3.70E-05	3.10E+04	123.80
173.5	126.1	1028.00	3.90E-05	2.80E+04	124.03
170.6	129.0	986.06	3.90E-05	2.60E+04	125.38
167.6	132.0	910.58	4.60E-05	2.20E+04	124.88
164.6	135.0	892.84	4.90E-05	2.10E+04	123.77
161.5	138.0	1036.42	4.60E-05	2.60E+04	112.26
158.6	141.0	1374.04	3.40E-05	4.60E+04	112.56
155.4	144.2	2164.53	7.40E-06	1.20E+05	120.44
152.6	147.0	1914.83	7.80E-06	9.50E+04	120.07
149.6	150.0	1400.57	1.00E-05	5.10E+04	121.51
146.5	153.1	1273.67	1.10E-05	4.20E+04	121.19
143.6	156.0	1299.95	1.00E-05	4.30E+04	117.07
140.5	159.1	1432.55	9.10E-06	5.40E+04	122.06
137.6	162.0	1500.31	8.70E-06	5.70E+04	116.62
134.6	165.0	1457.29	8.90E-06	5.30E+04	115.75
131.6	168.0	1389.44	9.40E-06	4.80E+04	115.83
128.6	171.0	1192.63	1.10E-05	3.60E+04	118.10
125.6	174.0	1155.30	1.40E-05	3.30E+04	113.29
122.6	177.0	1093.94	1.20E-05	2.90E+04	112.44

Location : H-CIF-C08

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
287.8	12.1	425.61	0.00E+00	4.00E+03	102.36
284.8	15.1	773.34	5.40E-04	1.40E+04	107.87
281.9	18.0	930.67	4.50E-04	2.00E+04	106.77
278.9	21.0	1431.18	2.90E-04	4.70E+04	106.75
275.9	24.0	1252.85	3.00E-04	3.50E+04	104.80
272.9	27.0	1162.41	3.30E-04	3.00E+04	104.63
269.9	30.0	1085.07	4.00E-04	2.70E+04	106.03
266.9	33.0	1070.39	3.70E-04	3.10E+04	123.73
263.9	36.0	1119.00	3.00E-04	3.20E+04	119.10
260.9	39.0	1115.02	2.80E-04	3.20E+04	118.99
257.9	42.0	1112.87	2.70E-04	3.20E+04	121.16
254.9	45.0	1113.47	2.30E-04	3.10E+04	117.58
251.9	48.0	1122.77	2.10E-04	3.10E+04	113.37
248.9	51.0	1147.33	2.00E-04	3.30E+04	114.89
245.9	54.0	1168.79	2.00E-04	3.50E+04	119.50
242.9	57.0	1157.35	1.70E-04	3.50E+04	122.68
239.9	60.0	1156.16	1.60E-04	3.60E+04	124.10
236.9	63.0	1156.67	1.60E-04	3.50E+04	122.02
233.9	66.0	1162.14	1.40E-04	3.60E+04	124.35
230.9	69.0	1170.91	1.30E-04	3.80E+04	127.03
227.8	72.1	1169.36	1.10E-04	3.80E+04	127.46
225	74.9	1163.14	1.10E-04	3.70E+04	125.90
221.9	78.0	1160.06	1.10E-04	3.70E+04	126.08
218.3	81.1	1165.61	1.00E-04	3.80E+04	129.36
215.9	84.1	1176.37	9.40E-05	3.90E+04	129.93
212.9	87.0	1184.53	9.30E-05	3.90E+04	128.70
209.8	90.1	1204.57	1.00E-04	4.10E+04	130.07
206.9	93.0	1225.90	7.70E-05	4.10E+04	127.66
203.9	96.0	1220.24	6.60E-05	4.20E+04	131.59
200.9	99.0	1187.57	8.40E-05	3.80E+04	123.88
197.9	102.0	1175.56	8.50E-05	3.40E+04	115.54
194.9	105.0	1101.34	9.00E-05	3.20E+04	121.46
191.8	108.1	1067.47	4.80E-05	2.80E+04	113.15
188.9	111.0	1068.61	8.20E-05	2.90E+04	118.12
185.9	114.0	1074.08	7.00E-05	3.10E+04	124.80
182.8	117.1	1163.71	6.30E-05	3.50E+04	119.64
179.9	120.0	1184.32	4.70E-05	3.90E+04	129.45

Location : H-CIF-C09

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
297.2	12.0	1164.51	2.10E-04	3.20E+04	107.73
294.2	15.0	1175.41	3.30E-04	3.20E+04	108.28
291.2	18.0	1227.90	2.90E-04	3.40E+04	104.56
279.2	21.0	1229.90	2.50E-04	3.50E+04	106.16
275.2	24.0	1224.95	2.70E-04	3.50E+04	107.55
272.2	27.0	1164.47	2.70E-04	3.10E+04	107.50
269.2	30.0	1105.82	3.20E-04	2.70E+04	101.61
266.2	33.0	1088.79	3.30E-04	3.10E+04	119.35
263.2	36.0	1072.61	3.00E-04	2.90E+04	116.19
260.2	39.0	1081.71	2.70E-04	3.00E+04	119.74
257.1	42.1	1135.13	2.10E-04	3.30E+04	117.97
254.2	45.0	1130.56	1.90E-04	3.20E+04	115.40
251.2	48.0	837.22	2.30E-04	1.70E+04	113.92
248.1	51.1	751.40	1.30E-04	1.40E+04	115.24
245.2	54.0	800.54	4.10E-04	1.60E+04	116.61
242.2	57.0	990.13	3.10E-04	2.50E+04	118.34
239.2	60.0	1281.46	1.00E-04	4.20E+04	119.89
236	63.2	1550.39	8.40E-05	6.20E+04	118.91
233.9	67.3	1221.43	9.80E-05	3.90E+04	120.04
230.2	69.0	1134.60	8.80E-05	3.40E+04	120.95
227.9	71.9	1054.58	7.50E-05	3.10E+04	128.43
224.2	75.0	1047.39	8.70E-05	2.90E+04	122.98
221.2	78.0	1087.86	8.40E-05	3.10E+04	122.88
218.2	81.0	1136.61	8.40E-05	3.50E+04	124.32
215.1	84.0	1128.01	7.00E-05	3.50E+04	128.19
212.2	87.0	1112.78	7.30E-05	3.40E+04	127.56
209.2	90.0	1115.85	7.30E-05	3.40E+04	125.80
206	93.2	1086.16	6.40E-05	3.30E+04	129.33
203.2	96.0	1082.57	6.30E-05	3.30E+04	128.63
200.2	99.0	1051.43	5.90E-05	3.10E+04	129.13
197.2	102.0	1050.00	7.10E-05	2.90E+04	122.00
194.2	105.0	1019.94	6.10E-05	2.60E+04	116.87
191.2	108.0	1017.58	7.10E-05	2.60E+04	117.94
188.2	111.0	1039.50	5.70E-05	2.70E+04	115.70
186.2	113.0	1076.19	5.00E-05	2.90E+04	116.08
182.2	117.0	1132.81	3.80E-05	3.30E+04	117.66
179.2	120.0	1149.51	3.50E-05	3.40E+04	118.22
176.2	123.0	1176.31	2.90E-05	3.70E+04	123.47
173.1	126.1	1116.92	2.60E-05	3.50E+04	129.29
170.2	129.0	1056.10	2.70E-05	2.90E+04	119.07
167.2	132.0	996.62	2.70E-05	2.60E+04	122.19
164.1	135.1	990.82	2.70E-05	2.70E+04	126.25
161.3	137.9	1012.45	3.20E-05	2.80E+04	125.07
158.2	141.0	1016.11	2.00E-05	2.80E+04	124.06
155.1	144.1	1025.82	2.40E-05	2.70E+04	120.36
152.2	147.0	1058.31	1.80E-05	2.80E+04	115.33
149.2	150.0	1152.13	1.50E-05	3.40E+04	117.37
146.1	153.1	1239.52	1.00E-05	4.00E+04	120.77
143.1	156.1	1287.98	8.50E-06	4.30E+04	121.29

Location : H-CIF-C10

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
286.1	12.2	1087.55	9.20E-04	2.50E+04	97.28
283.3	15.0	1085.75	7.60E-04	2.40E+04	94.96
280.3	18.0	1076.50	7.40E-04	2.50E+04	103.99
277.1	21.2	1058.03	6.20E-04	2.50E+04	103.61
274.3	24.0	1036.45	5.40E-04	2.40E+04	103.83
271.3	27.0	1024.66	5.10E-04	2.30E+04	102.04
268.3	30.0	989.46	4.80E-04	2.20E+04	102.03
262.2	36.1	973.77	3.50E-04	2.40E+04	119.24
259.2	39.1	1023.60	2.60E-04	2.50E+04	113.99
256.2	42.1	1044.99	3.10E-04	2.80E+04	117.67
253.2	45.1	1105.23	2.80E-04	3.10E+04	116.91
250.2	48.1	1150.71	2.70E-04	3.30E+04	114.95
247.3	51.0	1190.80	2.00E-04	3.50E+04	114.02
244.2	54.1	1208.41	1.80E-04	3.70E+04	116.12
241.3	57.0	1198.46	1.50E-04	3.70E+04	120.85
238.3	60.0	1192.62	1.30E-04	3.80E+04	124.06
235.3	63.0	1198.55	1.30E-04	3.80E+04	122.65
231.3	67.0	1207.12	1.10E-04	3.80E+04	121.19
229.2	69.1	1202.95	1.00E-04	4.00E+04	128.76
226.2	72.1	1196.63	1.00E-04	4.00E+04	128.19
223.3	75.0	1177.90	1.00E-04	3.60E+04	120.74
220.3	78.0	1157.38	8.60E-05	3.60E+04	125.22
217.3	81.0	1145.38	8.70E-05	3.60E+04	126.89
214.2	84.1	1128.86	8.40E-05	3.50E+04	128.33
211.2	87.1	1114.26	7.30E-05	3.50E+04	129.04
208.3	90.0	1109.93	7.60E-05	3.40E+04	125.14
205.2	93.1	1112.60	6.70E-05	3.40E+04	129.00
202.3	96.0	1096.94	6.40E-05	3.30E+04	127.71
199.3	99.0	1098.27	7.40E-05	3.20E+04	124.33
196.3	102.0	1083.69	6.60E-05	3.00E+04	116.71
193.2	105.1	1117.19	6.50E-05	3.10E+04	115.68
190.3	108.0	1172.49	4.10E-05	3.50E+04	117.35
187.2	111.1	1241.39	3.80E-05	4.00E+04	119.13
184.3	114.0	1384.71	3.10E-05	4.90E+04	118.21
181.3	117.0	1428.31	2.10E-05	5.40E+04	121.80
178.2	120.1	1369.92	1.80E-05	5.10E+04	126.31
175.3	123.0	1247.47	1.40E-05	4.30E+04	127.15
172.3	126.0	1186.85	1.20E-05	3.90E+04	126.97
169.3	129.0	1217.77	1.10E-05	4.00E+04	126.20
166.2	132.1	1300.88	9.20E-06	4.50E+04	127.15
163.3	135.0	1306.18	8.40E-06	4.80E+04	130.22
160.2	138.1	1290.16	8.50E-06	4.10E+04	115.55
157.3	141.0	1277.88	7.60E-06	4.50E+04	126.56

HTFC05

Location : HTF-C05

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
320.86	12.04	893.91	3.80E-04	1.70E+04	95.82
317.89	15.01	891.41	2.80E-04	1.50E+04	89.86
314.86	18.04	922.52	1.80E-04	1.70E+04	90.22
311.9	21	916.18	2.00E-04	1.60E+04	87.45
308.87	24.03	953.86	1.70E-04	1.70E+04	88.51
305.83	27.07	1004.86	1.30E-04	1.90E+04	87.94
302.9	30	1011.67	9.90E-05	1.90E+04	85.49
299.87	33.03	1050.35	9.00E-05	2.80E-04	115.75
296.91	35.99	1115.78	6.20E-05	3.10E+04	114
293.84	39.06	1132.86	5.00E-05	3.20E+04	115.72
281.86	51.04	1466.83	2.80E-05	5.60E+04	119.87
278.88	54.02	1427.84	2.70E-05	5.20E+04	119.34
275.86	57.04	1346.36	2.70E-05	4.60E+04	118.52
272.88	60.02	1271.75	2.60E-05	4.10E+04	117.87
269.87	63.03	1216.89	2.60E-05	3.80E+04	119.58
266.87	66.03	1154.44	2.80E-05	3.40E+04	119.88
263.87	69.03	1130.73	2.70E-05	3.30E+04	121.03
260.81	72.09	1129.66	2.70E-05	3.30E+04	121.28
257.89	75.01	1171.73	2.80E-05	3.60E+04	121.72
254.87	78.03	1184.48	2.40E-05	3.60E+04	119.92
251.86	81.04	1179.52	2.40E-05	3.50E+04	118.07
248.88	84.02	1171.45	2.40E-05	3.80E+04	127.15
245.83	87.07	1141.14	2.10E-05	3.60E+04	128.79
242.87	90.03	1174.02	2.00E-05	3.80E+04	128.88
236.58	96.32	1187.43	1.60E-05	3.90E+04	128.96
233.48	99.42	1257.78	1.70E-05	4.40E+04	129.16
230.88	102.02	1009.14	2.10E-05	2.60E+04	117.84
227.88	105.02	948.6	2.10E-05	2.30E+04	117.48
224.88	108.02	882.81	2.30E-05	1.90E+04	113.92
215.85	117.05	897.88	2.20E-05	2.10E+04	119.59
212.88	120.02	1097.32	3.00E-05	3.10E+04	119.6
209.87	123.03	1275.99	1.60E-05	4.20E+04	118.56
206.88	126.02	1639.3	1.20E-05	7.40E+04	128.24
203.9	129	1313.51	1.50E-05	4.80E+04	129.26
200.93	131.97	1309.62	1.50E-05	4.60E+04	125.32
197.63	135.27	1348.65	1.40E-05	4.60E+04	118.45
194.87	138.03	1375.62	1.30E-05	5.10E+04	124.37
191.83	141.07	1339.48	1.30E-05	5.00E+04	128.2
188.86	144.04	1313.17	1.40E-05	4.80E+04	128
185.88	147.02	1317.11	1.20E-05	4.70E+04	126.77
182.87	150.03	1237.38	1.50E-05	4.30E+04	129.68
179.64	153.26	1221.73	1.60E-05	3.80E+04	117.56
176.86	156.04	1252.61	1.30E-05	3.90E+04	115.83
173.88	159.02	1298.02	1.20E-05	4.40E+04	120.31
170.87	162.03	1376.22	1.10E-05	5.10E+04	123.8
167.87	165.03	1341.82	9.70E-06	4.80E+04	123.74
164.86	168.04	1322.56	1.10E-05	4.50E+04	120.39
161.87	171.03	1346.78	8.90E-06	4.60E+04	116.59
158.85	174.05	1298.1	9.20E-06	4.40E+04	122.05
155.86	177.04	1257.36	7.90E-06	4.30E+04	126.46
146.86	186.04	1084.44	9.20E-06	3.00E+04	117.78
143.85	189.05	1128.55	9.70E-06	3.20E+04	117.05
140.87	192.03	1111.88	8.10E-06	3.20E+04	118.8
137.85	195.05	1357.56	6.80E-06	4.80E+04	120.7
134.85	198.05	1700.19	4.80E-06	7.30E+04	117.01
131.85	201.05	1822.34	2.60E-06	8.60E+04	120.03
128.87	204.03	982.86	3.90E-06	2.40E+04	115.55
125.85	207.05	937.77	3.90E-06	2.20E+04	116
122.86	210.04	809.35	7.90E-06	1.70E+04	118.08

HTFC06

Location : HTF-C06

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
319.7	12	849	2.80E-04	1.50E+04	96.12
316.62	15.08	898.78	2.00E-04	1.50E+04	88.83
313.67	18.03	903.28	1.50E-04	1.70E+04	94.21
310.6	21.1	958.12	1.00E-04	1.80E+04	90.2
307.66	24.04	1071.86	8.80E-05	2.30E+04	92.87
304.67	27.03	1040.58	6.90E-05	2.10E+04	88.8
301.7	30	1078.47	5.70E-05	2.20E+04	88.45
298.67	33.03	1109.77	4.40E-05	3.10E+04	117.61
295.68	36.02	1153.27	3.40E-05	3.40E+04	117.07
280.66	51.04	1307.76	1.20E-05	4.40E+04	119.44
277.66	54.04	1298.38	1.20E-05	4.40E+04	120.31
274.67	57.03	1225.71	1.20E-05	3.90E+04	121.7
271.67	60.03	1171	1.50E-05	3.60E+04	121.04
268.67	63.03	1186.11	1.40E-05	3.70E+04	120.69
265.65	66.05	1114.09	1.60E-05	3.20E+04	120.34
262.66	69.04	1132.6	1.60E-05	3.40E+04	121.32
259.67	72.03	1140.86	1.60E-05	3.30E+04	117.21
256.67	75.03	1118.18	1.50E-05	3.30E+04	123.57
253.67	78.03	1105.72	1.60E-05	3.40E+04	128.6
250.66	81.04	1085.13	1.60E-05	3.30E+04	128.02
247.67	84.03	1152.11	1.60E-05	3.70E+04	128.34
244.68	87.02	1163.41	1.50E-05	3.70E+04	128.33
241.66	90.04	1128.36	1.70E-05	3.50E+04	128.27
238.69	93.01	1150.46	1.50E-05	3.70E+04	129.31
235.66	96.04	1261.42	1.30E-05	4.10E+04	119.68
232.68	99.02	1285.85	1.20E-05	4.10E+04	115.24
229.69	102.01	1367.78	1.00E-05	4.60E+04	114.97
226.66	105.04	1295.85	1.10E-05	4.20E+04	114.97
223.67	108.03	1185.37	1.20E-05	3.60E+04	118.94
220.67	111.03	1250.07	1.10E-05	4.00E+04	119.7
217.66	114.04	1204.47	1.10E-05	3.80E+04	121.71
214.67	117.03	1297.66	1.10E-05	4.50E+04	124.57
211.67	120.03	1380.66	9.40E-06	5.30E+04	129.41
208.67	123.03	1249.31	1.00E-05	4.30E+04	128.89
205.69	126.01	1148.52	1.10E-05	3.40E+04	119.84
202.7	129	1099.91	1.10E-05	3.00E+04	116.56
199.7	132	1067.11	1.10E-05	3.00E+04	121.82
196.66	135.04	1165.17	9.40E-06	3.70E+04	127.51
193.69	138.01	1241.23	8.90E-06	4.30E+04	128
190.66	141.04	1079.78	9.30E-06	3.20E+04	127.36
187.68	144.02	1036.67	1.20E-05	2.90E+04	123.05
178.7	153	1105.91	7.10E-06	3.10E+04	117.45
175.64	156.06	1153.68	6.20E-06	3.30E+04	115.75
172.6	159.1	1130.15	6.70E-06	3.30E+04	118.6
169.65	162.05	1108.33	6.30E-06	3.10E+04	116.04
166.69	165.01	1168.71	6.20E-06	3.40E+04	114.46
163.66	168.04	1127.05	6.70E-06	3.20E+04	115.5
160.67	171.03	1193.99	5.40E-06	3.60E+04	116.89
157.69	174.01	1170.65	5.60E-06	3.60E+04	121.62
154.66	177.04	1239.27	4.90E-06	4.10E+04	123.08
145.64	186.06	1237.22	5.50E-06	3.80E+04	116.51
142.69	189.01	1315.77	4.60E-06	4.40E+04	118.55
139.66	192.04	1351.89	4.40E-06	4.60E+04	117.96
136.66	195.04	1400.41	4.30E-06	5.00E+04	118.59
133.67	198.03	1426.47	3.70E-06	5.40E+04	122.73

HTFC07

Location : HTF-C07

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
319.44	12.06	1129.82	3.10E-04	2.50E+04	89.85
316.46	15.04	993.52	2.00E-04	2.00E+04	96.08
313.49	18.01	889.02	1.70E-04	1.50E+04	90.78
310.45	21.05	912.79	1.40E-04	1.60E+04	89.17
307.44	24.06	988.26	9.40E-05	1.90E+04	90.02
304.48	27.02	1228.78	5.50E-05	2.90E+04	89.21
301.5	30	1278.51	4.50E-05	3.00E+04	85.75
298.42	33.08	1250.24	3.50E-05	3.90E+04	117.04
295.43	36.07	1212.76	3.50E-05	3.70E+04	118.1
280.47	51.03	1.21E+03	2.60E-05	3.70E+04	118.09
277.44	54.06	1.20E+03	2.30E-05	3.60E+04	116.89
274.48	57.02	1183.11	2.10E-05	3.50E+04	116.38
271.49	60.01	1169.72	2.10E-05	3.40E+04	116.27
268.46	63.04	1198.34	2.10E-05	3.60E+04	116.66
265.5	66	1244.62	1.90E-05	3.90E+04	116.47
262.46	69.04	558.85	3.60E-05	7.90E+03	116.59
259.49	72.01	581.17	3.10E-05	8.90E+03	121.5
256.48	75.02	589.03	3.40E-05	9.10E+03	121.88
253.49	78.01	9.04E+01	1.90E-04	2.10E+02	119.65
211.47	120.03	1357.23	7.40E-06	4.70E+04	118
208.47	123.03	1351.48	7.00E-06	5.00E+04	126.3
205.16	126.34	1395.12	6.70E-06	5.30E+04	126.06
202.5	129	1367.98	7.00E-06	4.90E+04	121.59
199.47	132.03	1357.51	7.00E-06	4.80E+04	120.78
196.48	135.02	1363.51	6.50E-06	5.00E+04	124.98
193.5	138	1324.47	5.70E-06	4.90E+04	128.93
190.48	141.02	1380.68	5.90E-06	5.30E+04	127.91
187.39	144.11	1390.48	5.90E-06	5.40E+04	129.69
184.49	147.01	1403.91	6.10E-06	5.50E+04	128.61
178.55	152.95	1284.08	5.80E-06	4.20E+04	119.36
175.47	156.03	1304.12	4.90E-06	4.30E+04	117.29
172.46	159.04	1379.18	4.10E-06	5.10E+04	123.86
169.46	162.04	1378.68	3.80E-06	5.20E+04	125.88
166.4	165.1	1422.77	4.10E-06	5.50E+04	126.79
163.46	168.04	1342.37	3.70E-06	4.80E+04	122.94
160.49	171.01	1314.78	3.70E-06	4.60E+04	123.62
157.46	174.04	1311.62	4.20E-06	4.60E+04	122.73
154.48	177.02	1320.88	3.60E-06	4.60E+04	121.2
145.49	186.01	1481.53	3.00E-06	6.00E+04	126
142.47	189.03	1484.77	2.70E-06	5.70E+04	119.71
139.48	192.02	1478.49	3.00E-06	5.60E+04	119.35
136.48	195.02	1426.72	2.20E-06	5.40E+04	122.7
133.45	198.05	1359.63	2.70E-06	4.90E+04	122.54
130.48	201.02	1278.31	3.00E-06	4.40E+04	124.58
127.48	204.02	1244.36	3.00E-06	3.90E+04	117.59
124.47	207.03	1326.99	2.50E-06	4.60E+04	120.99
121.47	210.03	1388.79	2.60E-06	4.90E+04	118.04
118.48	213.02	1469.09	1.80E-06	5.70E+04	122.67

HTFC08

Location : HTF-C08

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
319.98	12.02	759.99	1.10E-04	1.20E+04	95.18
316.98	15.02	826.5	8.10E-05	1.30E+04	90.15
313.97	18.03	870.77	8.60E-05	1.50E+04	93.51
310.99	21.01	903.23	7.40E-05	1.70E+04	93.9
307.99	24.01	966.52	5.70E-05	1.80E+04	90.76
304.97	27.03	969.13	5.20E-05	1.80E+04	87.92
301.97	30.03	1056.13	4.20E-05	2.10E+04	87.68
299	33	1033.08	3.20E-05	2.70E+04	116.36
296	36	944.57	3.60E-05	2.20E+04	116.77
280.97	51.03	1424.69	1.80E-05	5.20E+04	119.64
277.97	54.03	1335.74	1.60E-05	4.60E+04	118.65
274.98	57.02	1218.71	1.60E-05	3.80E+04	118.13
271.97	60.03	1203.88	1.30E-05	3.70E+04	117.79
268.97	63.03	1125.19	1.30E-05	3.20E+04	117.67
265.99	66.01	1135.75	1.10E-05	3.40E+04	120.79
262.99	69.01	1116.83	1.10E-05	3.10E+04	116.7
259.98	72.02	1158.22	1.50E-05	3.50E+04	121.82
256.98	75.02	1321.92	1.10E-05	4.60E+04	122.26
253.98	78.02	1419.18	1.10E-05	5.30E+04	122.26
250.95	81.05	1444.79	1.00E-05	5.40E+04	120.84
247.98	84.02	1390.68	1.20E-05	5.10E+04	121.53
244.97	87.03	1306.84	1.10E-05	4.80E+04	130.74
241.95	90.05	1355.85	9.60E-06	5.20E+04	130.74
238.86	93.14	1403.2	8.60E-06	5.20E+04	121.41
235.97	96.03	1382.67	8.70E-06	4.80E+04	115.36
232.98	99.02	1367.56	8.00E-06	4.60E+04	115.02
230	102	1306.13	8.40E-06	4.30E+04	115.97
226.98	105.02	1325.29	8.30E-06	4.50E+04	119.57
223.96	108.04	1296.57	7.70E-06	4.40E+04	120.92
220.96	111.04	1237.04	8.90E-06	4.00E+04	121.25
217.97	114.03	1273.45	7.90E-06	4.30E+04	122.34
214.94	117.06	1210.93	8.30E-06	4.10E+04	129.6
211.99	120.01	1196.08	9.20E-06	4.00E+04	128.15
208.97	123.03	1178.28	8.50E-06	3.60E+04	121.38
205.99	126.01	1077.11	9.00E-06	3.00E+04	121.09
202.98	129.02	1080.52	9.30E-06	3.20E+04	126.24
199.94	132.06	1017.4	8.10E-06	2.90E+04	128.53
196.97	135.03	1010.67	9.60E-06	2.80E+04	128.09
193.91	138.09	951.41	1.00E-05	2.50E+04	127.11
191	141	945.49	1.20E-05	2.30E+04	118.15
187.97	144.03	945.66	9.10E-06	2.20E+04	114.84
178.95	153.05	1045.35	6.70E-06	2.80E+04	118.12
175.96	156.04	1003.72	7.10E-06	2.60E+04	117.52
172.96	159.04	980.71	6.70E-06	2.50E+04	118.47
169.93	162.07	995.02	5.70E-06	2.50E+04	119.19
166.99	165.01	1028.04	5.30E-06	2.60E+04	113.85
163.96	168.04	1060.99	5.00E-06	2.90E+04	118.49
160.91	171.09	1015.3	5.10E-06	2.80E+04	124.56
157.98	174.02	947.26	5.80E-06	2.40E+04	122.95
154.97	177.03	969.98	6.20E-06	2.40E+04	115.85
151.98	180.02	1100.28	6.00E-06	3.00E+04	115.39
148.99	183.01	1251.91	1.80E-06	3.90E+04	116.09

HTFC09

Location : HTF-C09

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
304.49	27.11	1191.59	8.20E-05	2.70E+04	87.35
301.57	30.03	1130.62	7.10E-05	2.30E+04	84.74
298.44	33.16	1089.79	6.50E-05	3.00E+04	118.26
295.53	36.07	1202.63	5.20E-05	3.70E+04	117.39
292.58	39.02	1229.73	4.80E-05	3.80E+04	116.97
280.59	51.01	1245.16	2.20E-05	4.00E+04	119.26
277.57	54.03	1214.46	2.20E-05	3.80E+04	118.49
274.58	57.02	1152.38	2.30E-05	3.40E+04	118.76
271.6	60	1091.18	2.70E-05	3.00E+04	118.55
268.59	63.01	1052.22	2.50E-05	2.80E+04	118.4
265.58	66.02	1061.09	2.30E-05	2.90E+04	118.54
262.48	69.12	1073.77	2.10E-05	3.00E+04	120.61
259.58	72.02	999.99	2.10E-05	2.50E+04	117.63
256.53	75.07	952.39	1.60E-05	2.50E+04	125.67
253.54	78.06	922.5	1.50E-05	2.30E+04	126.84
250.53	81.07	942.27	1.50E-05	2.40E+04	127.23
247.58	84.02	1014.11	1.50E-05	2.80E+04	126.16
244.59	87.01	1062	1.20E-05	2.90E+04	118.72
241.57	90.03	1102.41	1.40E-05	3.00E+04	114.49
238.57	93.03	1116.19	1.20E-05	3.10E+04	114.02
235.58	96.02	1113.19	1.20E-05	3.10E+04	114.54
232.57	99.03	1075.94	1.20E-05	2.90E+04	115.77
229.58	102.02	1043.31	1.20E-05	2.80E+04	118.7
226.58	105.02	1039.4	1.30E-05	2.80E+04	119.92
223.59	108.01	1020.53	1.20E-05	2.70E+04	118.6
220.58	111.02	986.5	1.20E-05	2.60E+04	125.84
217.58	114.02	925.16	1.10E-05	2.30E+04	124.58
214.58	117.02	891.8	1.10E-05	2.00E+04	117.09
211.56	120.04	905.14	1.10E-05	2.00E+04	114.51
208.57	123.03	925.72	1.10E-05	2.10E+04	116.28
205.57	126.03	937.75	1.00E-05	2.40E+04	124.73
202.54	129.06	920.93	1.10E-05	2.20E+04	121.21
199.58	132.02	896.81	1.20E-05	2.20E+04	124.91
196.6	135	891.81	1.10E-05	2.00E+04	116
193.55	138.05	899.26	1.00E-05	2.00E+04	116.76
190.6	141	909.89	8.50E-06	2.10E+04	117.58
187.57	144.03	921.94	8.70E-06	2.10E+04	116.85
178.58	153.02	1035.44	7.30E-06	2.90E+04	127.47
175.55	156.05	1020.77	7.20E-06	2.80E+04	122.64
172.59	159.01	1013.76	7.00E-06	2.60E+04	118.55
169.59	162.01	996.59	8.00E-06	2.50E+04	115.81
166.6	165	995.57	8.20E-06	2.40E+04	113.27
163.58	168.02	980.7	8.70E-06	2.40E+04	116.66
160.59	171.01	998.94	8.40E-06	2.50E+04	117.6
157.58	174.02	1075.43	7.40E-06	3.10E+04	125.23
154.54	177.06	1188.83	6.40E-06	3.90E+04	128.06
151.59	180.01	1349.81	5.00E-06	4.70E+04	120.25
148.55	183.05	1416.55	4.00E-06	5.50E+04	126.32

HTFC10

Location : HTF-C10

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
311.45	12.05	827.78	2.90E-04	1.50E+04	100.44
308.47	15.03	984.78	1.90E-04	2.00E+04	96.69
305.47	18.03	858.2	2.40E-04	1.50E+04	92.98
302.47	21.03	1009.23	1.50E-04	2.20E+04	98.77
299.48	24.02	1043.07	1.50E-04	2.10E+04	91.56
296.46	27.04	1056.48	1.30E-04	2.20E+04	92.85
293.46	30.04	1100.83	1.10E-04	2.50E+04	95.39
290.49	33.01	987.48	9.40E-05	2.50E+04	118.43
287.48	36.02	1009.03	8.00E-05	2.60E+04	120.51

HTFC11

Location : HTF-C11

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
310.78	12.02	1268.39	2.00E-04	3.10E+04	90.61
307.77	15.03	559.07	7.00E-05	6.00E+03	89.74
304.73	18.07	520.13	3.10E-05	5.30E+03	90.49
301.79	21.01	508.43	1.60E-04	5.00E+03	89.49
298.78	24.02	520.44	1.70E-04	5.10E+03	87.74
295.78	27.02	980.63	8.40E-05	1.80E+04	87.81
292.77	30.03	1276.37	5.70E-05	3.10E+04	88.07
289.79	33.01	1329.76	5.60E-05	4.50E+04	118.32
286.74	36.06	1295.46	4.80E-05	4.20E+04	114.84

HTFC12

Location : HTF-C12

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
311.57	12.03	1144.84	2.90E-04	2.70E+04	94.03
308.58	15.02	1052.84	2.80E-04	2.30E+04	95.7
305.58	18.02	1030.79	3.00E-04	2.20E+04	95.21
302.52	21.08	951.36	2.80E-04	1.80E+04	92.37
299.58	24.02	958.86	3.00E-04	1.90E+04	93.39
296.59	27.01	932.4	2.90E-04	1.70E+04	89.26
293.54	30.06	987.93	2.30E-04	1.90E+04	88.71
290.57	33.03	1055.79	1.60E-04	2.80E+04	117.36
287.57	36.03	1085.54	1.80E-04	2.90E+04	115.83

HTFC13

Location : 311J501s HTF-C13

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
310.5	12	722.6	3.70E-04	1.10E+04	95.7
307.49	15.01	831.82	2.40E-04	1.40E+04	95.36
304.45	18.05	956.47	1.60E-04	2.00E+04	100.43
301.46	21.04	1148.55	1.00E-04	2.90E+04	101.38
298.42	24.08	1079.71	8.60E-05	2.40E+04	93.96
295.49	27.01	1029.66	7.70E-05	2.20E+04	96.52
292.46	30.04	1157.23	6.00E-05	2.70E+04	94.35
289.44	33.06	1172.07	5.40E-05	3.50E+04	118.6
286.42	36.08	1353.59	3.90E-05	4.60E+04	115.66
283.49	39.01	1397.23	3.20E-05	4.90E+04	115.27
280.43	42.07	1405.61	2.60E-05	5.00E+04	117.3
277.43	45.07	1431.87	2.40E-05	5.30E+04	120.69
274.46	48.04	1262.65	2.80E-05	4.10E+04	117.99
271.45	51.05	1232.43	2.70E-05	4.00E+04	121.26
268.45	54.05	1081.54	2.70E-05	3.10E+04	123.52
265.49	57.01	1031.53	2.30E-05	2.70E+04	116.52
262.49	60.01	1026.05	2.70E-05	2.70E+04	118.27
259.4	63.1	1012.84	2.90E-05	2.60E+04	115.99
255.43	67.07	1114.55	2.20E-05	3.20E+04	119.96
253.49	69.01	969.05	2.70E-05	2.50E+04	122.84
250.36	72.14	885.03	2.80E-05	2.00E+04	119.28
247.45	75.05	949.82	2.30E-05	2.20E+04	112.88
244.48	78.02	944.71	2.10E-05	2.20E+04	112.8
241.49	81.01	1226.24	1.40E-05	3.70E+04	113.23
238.49	84.01	1215.47	1.50E-05	3.60E+04	114.44
235.41	87.09	1221.95	1.70E-05	3.70E+04	114.17
232.25	90.25	1210.24	1.50E-05	3.70E+04	117.04
229.43	93.07	1146.63	1.50E-05	3.30E+04	117.94
226.5	96	1172	1.50E-05	3.50E+04	118.56
223.4	99.1	1135.59	1.40E-05	3.50E+04	126.66
220.46	102.04	1118.36	1.30E-05	3.40E+04	126.59
217.49	105.01	1136.31	1.20E-05	3.50E+04	125.19
214.42	108.08	1133.08	1.20E-05	3.40E+04	123.82
205.46	117.04	1303.13	1.20E-05	4.70E+04	127.41
202.45	120.05	1299.21	1.10E-05	4.50E+04	124.46
199.42	123.08	1212.97	1.20E-05	3.90E+04	122.99
196.45	126.05	1109.88	1.10E-05	3.30E+04	125.88
193.33	129.17	1033.2	1.40E-05	2.90E+04	124.3
190.29	132.21	1022.26	8.60E-06	2.60E+04	116.74
187.44	135.06	1036.02	7.60E-06	2.70E+04	114.73
184.48	138.02	1103.82	7.80E-06	3.20E+04	120.3
181.44	141.06	1136.65	7.70E-06	3.40E+04	120.72

HTFC14

Location : HTF-C14

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
290.3	12	912.97	1.60E-04	1.70E+04	93.76
287.29	15.01	992.23	1.30E-04	2.00E+04	93.57
284.26	18.04	1168.63	6.90E-05	2.70E+04	92.31
281.08	21.22	1373.05	4.40E-05	3.70E+04	90.57
278.18	24.12	1518.92	3.20E-05	5.00E+04	99.51
275.23	27.07	1520.86	2.40E-05	4.70E+04	95.01
271.88	30.42	1515.06	2.00E-05	4.80E+04	97.08
268.94	33.36	1548.82	1.90E-05	6.20E+04	120.03
266.23	36.07	1459.21	1.70E-05	5.50E+04	120.61
263.23	39.07	1350.71	1.90E-05	4.70E+04	118.98
260.09	42.21	1155.01	2.00E-05	3.40E+04	119.34
257.29	45.01	1090.31	1.70E-05	3.10E+04	120.95
254.18	48.12	1115	1.50E-05	3.30E+04	123.49
251.27	51.03	1178.81	1.40E-05	3.70E+04	123.41
248.21	54.09	1275.98	1.30E-05	4.40E+04	125.53
244.98	57.32	1265.72	1.20E-05	4.50E+04	130.59
242.21	60.09	1230.98	1.10E-05	4.30E+04	130.1
238.85	63.45	1210.75	1.10E-05	4.20E+04	131.92
236.2	66.1	1198.36	1.00E-05	4.00E+04	130.4
233.26	69.04	1222.95	9.80E-06	3.90E+04	119.57
230.2	72.1	1091.18	1.00E-05	2.90E+04	113.98
227.29	75.01	1036.44	4.60E-06	2.70E+04	114.7
224.25	78.05	1047.68	9.10E-06	2.70E+04	115.35
221.25	81.05	1098.36	8.60E-06	3.10E+04	118.33
218.3	84	1286.16	7.20E-06	4.30E+04	120.36
215.29	87.01	1306.3	7.00E-06	4.40E+04	119.3
212.25	90.05	1327.55	7.00E-06	4.50E+04	117.77
209.27	93.03	1347.04	6.80E-06	5.00E+04	127.15
206.28	96.02	1140.64	7.50E-06	3.50E+04	126.29
203.22	99.08	1178.83	7.50E-06	3.70E+04	123.11
200.11	102.19	1101.27	7.70E-06	3.10E+04	120.26
197.2	105.1	1231.82	6.30E-06	4.00E+04	122.88
194.31	107.99	1389.41	4.00E-06	5.50E+04	132.04
185.23	117.07	1167.28	7.30E-06	3.70E+04	127.55
182.23	120.07	1196.82	6.10E-06	3.70E+04	120.95
179.25	123.05	1319.2	4.90E-06	4.40E+04	116.03
176.11	126.19	1322.32	3.00E-06	4.50E+04	118.16
173.16	129.14	1391.45	3.30E-06	5.00E+04	120.28
170.13	132.17	1286.63	3.00E-06	4.40E+04	124.52
167.07	135.23	1245.94	4.30E-06	4.10E+04	123.35
164.24	138.06	1194.19	3.40E-06	3.70E+04	120.25
161.29	141.01	1153.94	2.90E-06	3.50E+04	123.29
158.22	144.08	1202.29	3.00E-06	3.80E+04	123.04

HTFC15

Location : HTF-C15

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
287.95	12.15	1112.4	1.30E-04	2.80E+04	106.46
284.95	15.15	1284.44	9.30E-05	3.70E+04	103.21
282.05	18.05	1540.7	7.10E-05	5.20E+04	100.61
279.07	21.03	1542.76	6.50E-05	5.00E+04	97.58
276.09	24.01	1175.44	8.20E-05	2.80E+04	92.81
273.09	27.01	1076.44	8.10E-05	2.30E+04	93.71
270.09	30.01	1044.14	9.60E-05	2.20E+04	92.81
267.05	33.05	1063.59	9.40E-05	2.90E+04	118.22
264.08	36.02	1053.19	9.40E-05	2.90E+04	119.62
261.06	39.04	971.47	1.10E-04	2.50E+04	121.27
258.08	42.02	955.23	1.20E-04	2.30E+04	114.88
255.09	45.01	979.19	8.90E-05	2.40E+04	117.48
251.82	48.28	1016.81	6.80E-05	2.70E+04	121.06
249.08	51.02	1043.73	6.30E-05	3.00E+04	128.84
246.06	54.04	1025.52	6.10E-05	2.90E+04	128.26
242.98	57.12	1039.8	5.30E-05	3.00E+04	127.98
240.09	60.01	1042.47	4.80E-05	2.70E+04	116.66
236.97	63.13	1075.51	4.70E-05	2.90E+04	115.66
233.98	66.12	1078.27	5.10E-05	2.90E+04	113.89
230.97	69.13	1095.4	3.90E-05	2.90E+04	113.82
227.93	72.17	1152.81	4.90E-05	3.30E+04	114
225.04	75.06	1153.63	4.20E-05	3.40E+04	119.12
221.94	78.16	1215.42	2.50E-05	3.80E+04	119.22
219	81.1	1228.95	3.70E-05	3.90E+04	119.84
215.91	84.19	1224.76	2.90E-05	4.10E+04	125.59
212.9	87.2	1236.55	3.10E-05	4.30E+04	128.89
210.09	90.01	1209.51	3.20E-05	4.00E+04	127.86
207.07	93.03	1187.32	2.50E-05	3.70E+04	122.04
204.09	96.01	1176.04	3.00E-05	3.70E+04	124.52
201.67	98.43	1150.62	2.70E-05	3.60E+04	126.92
196.99	103.11	1150.1	1.40E-05	3.60E+04	126.36
195.09	105.01	1135.08	2.40E-05	3.60E+04	130.99
192.1	108	1121.07	2.40E-05	3.40E+04	126.19
189.03	111.07	1023.34	2.40E-05	2.80E+04	124.54
185.99	114.11	992.43	2.10E-05	2.50E+04	117.01
183.02	117.08	979.48	1.70E-05	2.40E+04	116.83
180.06	120.04	1024.36	1.60E-05	2.70E+04	118.09
177.03	123.07	1153.05	1.30E-05	3.40E+04	117.77
174.02	126.08	1224.26	1.10E-05	4.00E+04	122.69
170.93	129.17	1331.93	1.10E-05	4.60E+04	119.36
168.04	132.06	1340.17	1.30E-05	4.90E+04	126.74
164.95	135.15	1304.26	1.20E-05	4.30E+04	116.95
162.13	137.97	1189.72	6.10E-06	3.70E+04	120.06
158.99	141.11	1156.13	9.50E-06	3.50E+04	119.98
156.07	144.03	1121.05	9.80E-06	3.40E+04	126.95

HTFC16

Location : HTF-C16

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
289.24	12.06	1272.66	1.70E-04	3.50E+04	101.34
286.19	15.11	1314.02	1.10E-04	3.70E+04	100.54
283.25	18.05	1493.86	8.00E-05	4.90E+04	102.61
280.14	21.16	1598.64	5.40E-05	5.60E+04	100.87
277.29	24.01	1418.78	5.10E-05	4.30E+04	98.73
274.18	27.12	1189.48	5.90E-05	2.90E+04	95.82
271.24	30.06	1062.13	8.20E-05	2.40E+04	96.76
268.24	33.06	1036.6	1.10E-04	2.90E+04	123.57
265.28	36.02	1087.93	8.90E-05	3.10E+04	122.68
262.13	39.17	1047.66	8.50E-05	2.90E+04	122.06
259.18	42.12	1020.92	7.90E-05	2.80E+04	124.11
256.2	45.1	1009.92	7.40E-05	2.60E+04	119.02
253.07	48.23	991.97	6.30E-05	2.60E+04	120.94
250.28	51.02	1006.11	5.80E-05	2.70E+04	123.93
247.09	54.21	1034.87	5.30E-05	2.90E+04	124.64
244.26	57.04	1070.03	5.10E-05	3.10E+04	125.8
241.29	60.01	1103	4.60E-05	3.40E+04	128.28
238.22	63.08	1131.04	4.20E-05	3.30E+04	118.08
235.28	66.02	1172.87	3.70E-05	3.40E+04	114.9
232.44	68.86	1210.58	3.40E-05	3.70E+04	116.81
229.3	72	1215.31	3.40E-05	3.80E+04	120.8
226.28	75.02	1196.43	3.40E-05	3.80E+04	121.54
223.3	78	1199.22	3.20E-05	3.80E+04	121.77
220.18	81.12	1210	3.00E-05	3.80E+04	120.9
217.3	84	1248.88	2.80E-05	4.40E+04	130.42
214.21	87.09	1268.78	2.60E-05	4.50E+04	129.79
211.25	90.05	1284.63	2.30E-05	4.50E+04	127.45
208.3	93	1316.01	2.10E-05	4.70E+04	124.89
205.29	96.01	1290.59	2.00E-05	4.70E+04	129.67
202.26	99.04	1218.97	2.10E-05	4.20E+04	130.5
199.28	102.02	1108.4	2.70E-05	3.40E+04	129.37
196.27	105.03	1026.41	2.50E-05	2.80E+04	121.33
193.28	108.02	995.95	3.10E-05	2.60E+04	119.34
184.17	117.13	993.95	2.10E-05	2.50E+04	116.53
180.87	120.43	110.83	2.20E-05	2.60E+04	115.9
178.26	123.04	128.69	1.80E-05	2.60E+04	115.26
175.27	126.03	154.6	1.70E-05	2.80E+04	115.11
172.24	129.06	174.43	1.50E-05	2.90E+04	115.54
169.19	132.11	1159.96	1.50E-05	3.50E+04	121.42
166.2	135.1	1132.78	1.20E-05	3.30E+04	118.91
163.27	138.03	1122.39	1.20E-05	3.30E+04	123

HTFC17

Location : HTF-C17

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
290.92	12.18	1528.22	9.20E-05	5.40E+04	106.8
288.07	15.03	1516.5	8.60E-05	5.20E+04	105.44
285.05	18.05	1594.69	7.50E-05	5.50E+04	99.69
282.01	21.09	1445.54	6.90E-05	4.40E+04	98.11
278.95	24.15	1450.17	6.10E-05	4.30E+04	94.7
275.99	27.11	1381	5.60E-05	4.00E+04	97.31
272.67	30.43	1291.64	6.30E-05	3.70E+04	103.41
270.01	33.09	1224.72	5.50E-05	4.00E+04	125.15
267.09	36.01	1121.98	6.90E-05	3.30E+04	121.01
264.08	39.02	1161.94	6.10E-05	3.70E+04	125.58
261.07	42.03	1195.3	5.60E-05	3.90E+04	126.66
258.09	45.01	1216.84	5.30E-05	4.00E+04	124.93
255.02	48.08	1200.26	5.20E-05	3.90E+04	126.09
252.06	51.04	1137.46	4.50E-05	3.60E+04	128.37
249.05	54.05	1121.84	3.90E-05	3.50E+04	128.33
246.06	57.04	1127.45	3.50E-05	3.50E+04	128.91
243.06	60.04	1138.41	2.90E-05	3.60E+04	128.17
239.94	63.16	1173.54	3.00E-05	3.50E+04	118.78
236.98	66.12	1224.61	2.80E-05	3.70E+04	115.28
234.2	68.9	1267.94	2.20E-05	4.00E+04	115.41
230.99	72.11	1285.35	2.10E-05	4.20E+04	117.45
228.06	75.04	1291	1.90E-05	4.30E+04	118.39
225.07	78.03	1298.73	1.70E-05	4.40E+04	121.69
222.06	81.04	1314.34	1.70E-05	4.60E+04	122.36
219.04	84.06	1327.95	1.50E-05	4.90E+04	129.12
216.03	87.07	1327.84	1.60E-05	5.00E+04	130.85
212.99	90.11	1327.29	1.40E-05	4.80E+04	127.51
209.99	93.11	1330.47	1.40E-05	4.70E+04	124.39
207.08	96.02	1388.16	1.00E-05	5.30E+04	128.4
204.05	99.05	1421.26	9.10E-06	5.80E+04	132.76

HTFC18

Location : HTF-C18

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
286.78	12.02	1051.55	2.20E-04	2.40E+04	102.41
283.78	15.02	1042.25	2.30E-04	2.40E+04	100.8
280.76	18.04	982.04	2.40E-04	2.10E+04	100.2
277.77	21.03	980.92	2.40E-04	2.10E+04	100.73
274.79	24.01	987.81	2.60E-04	2.10E+04	99.13
271.75	27.05	1067.48	2.00E-04	2.50E+04	103.53
268.77	30.03	1184.99	1.20E-04	3.30E+04	108.68
265.76	33.04	880.73	1.20E-04	2.20E+04	132.06
262.75	36.05	939.92	1.30E-04	2.40E+04	127.9
259.75	39.05	1021.7	1.40E-04	2.80E+04	122.31
256.78	42.02	1122.67	8.40E-05	3.20E+04	118.5
253.76	45.04	1321.44	6.50E-05	4.30E+04	114.11
250.76	48.04	1101	6.30E-05	3.00E+04	114.26
247.78	51.02	1305.08	4.60E-05	4.30E+04	116.03
244.78	54.02	1039.41	5.30E-05	2.80E+04	120.33
241.74	57.06	1126.03	4.40E-05	3.40E+04	124.51
238.77	60.03	946.98	5.90E-05	2.40E+04	123.58
235.79	63.01	834.35	4.90E-05	1.90E+04	128.14
232.77	66.03	945.31	4.20E-05	2.50E+04	127.4
229.75	69.05	869.88	2.50E-05	2.00E+04	125.29
226.79	72.01	1313.77	2.40E-05	4.70E+04	125.2
223.72	75.08	1492.55	1.70E-05	6.00E+04	125.92
220.79	78.01	1375.45	2.00E-05	5.10E+04	125.79
217.76	81.04	1156.41	2.20E-05	3.60E+04	125.62
214.79	84.01	998.38	1.90E-05	2.70E+04	126.1
211.79	87.01	1135.84	1.70E-05	3.50E+04	124.88
208.77	90.03	1056.75	1.60E-05	2.90E+04	118.61
205.79	93.01	1002.63	8.20E-06	2.60E+04	117.93
202.79	96.01	977.47	1.40E-05	2.40E+04	115.7
199.76	99.04	1071.93	1.10E-05	2.80E+04	114.2
196.78	102.02	1596.38	3.40E-06	6.30E+04	114.98
193.79	105.01	2274.26	1.60E-06	1.30E+05	119.03
190.78	108.02	2229.25	2.10E-06	1.30E+05	122.79

Location : H-LWF-C01

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
274.5	12.0	1240.30	5.00E-04	2.90E+04	86.50
271.3	15.2	1376.52	1.90E-04	3.80E+04	94.16
268.5	18.0	1610.95	1.70E-04	5.60E+04	100.27
265.5	21.0	1793.17	1.20E-04	6.90E+04	98.94
262.4	24.1	1713.92	9.90E-05	5.30E+04	91.50
259.5	27.0	1701.04	6.50E-05	5.30E+04	92.50
256.5	30.0	1702.33	7.60E-05	6.00E+04	95.51
253.5	33.0	1950.03	3.40E-05	1.00E+05	125.46
250.4	36.1	747.49	1.20E-04	1.50E+04	124.66
247.2	39.3	746.66	1.50E-04	1.50E+04	127.35
244.5	42.0	746.65	1.90E-04	1.50E+04	126.13
241.4	45.1	765.56	1.70E-04	1.60E+04	126.47
238.5	48.0	1237.77	7.40E-05	4.20E+04	126.42
235.5	51.0	1048.35	7.10E-05	3.10E+04	129.64
232.5	54.0	1045.05	6.10E-05	3.10E+04	129.67
229.5	57.0	1050.98	4.90E-05	3.00E+04	125.70
226.5	60.0	1086.26	4.00E-05	3.00E+04	117.99
223.5	63.0	1145.40	3.20E-05	3.30E+04	117.23
220.5	66.0	1150.51	3.10E-05	3.30E+04	115.01
217.4	69.1	1169.96	2.90E-05	3.40E+04	115.66
214.5	72.0	1155.19	2.80E-05	3.30E+04	114.96
211.5	75.0	1092.12	2.90E-05	3.10E+04	118.59
208.4	78.1	1054.62	2.50E-05	2.90E+04	120.05
205.5	81.0	1037.18	2.30E-05	2.80E+04	119.39
202.4	84.1	1048.78	2.40E-05	3.00E+04	128.00
199.5	87.0	1172.44	1.90E-05	3.80E+04	128.17
196.5	90.0	1246.94	1.60E-05	4.30E+04	127.55
193.5	93.0	1123.22	1.80E-05	3.30E+04	121.67
190.4	96.1	1111.91	1.60E-05	3.30E+04	124.72
187.4	99.1	1040.95	1.60E-05	3.00E+04	127.64
184.4	102.1	993.45	1.90E-05	2.70E+04	127.96
181.4	105.1	761.17	2.10E-05	1.60E+04	125.98
178.5	108.0	653.62	3.40E-05	1.10E+04	123.45
175.4	111.1	641.13	8.10E-05	1.00E+04	114.77
172.4	114.1	692.73	4.90E-05	1.20E+04	114.52
169.4	117.1	892.54	4.00E-05	2.00E+04	115.08
166.5	120.0	992.41	3.10E-05	2.40E+04	115.08
163.5	123.0	1059.58	2.30E-05	2.80E+04	115.92
160.5	126.0	1087.59	2.00E-05	3.00E+04	116.84
157.4	129.1	1054.37	2.20E-05	2.80E+04	118.17
154.4	132.1	1054.79	2.20E-05	2.80E+04	117.37
151.5	135.0	1030.13	2.10E-05	2.70E+04	116.90
148.4	138.1	982.64	2.50E-05	2.40E+04	114.49
145.5	141.0	981.34	1.90E-05	2.40E+04	115.05
142.5	144.0	985.39	2.00E-05	2.40E+04	112.90
139.6	146.9	1049.30	1.70E-05	2.70E+04	115.34
136.5	150.0	1131.50	1.50E-05	3.30E+04	119.78
133.4	153.1	1142.64	1.10E-05	3.40E+04	119.94
130.4	156.1	1166.78	1.10E-05	3.50E+04	119.47
127.4	159.1	1201.94	1.20E-05	3.80E+04	121.58
124.5	162.0	1230.56	1.10E-05	3.70E+04	114.40
121.5	165.0	1183.37	8.20E-06	3.50E+04	117.22
118.4	168.1	1178.70	7.00E-06	3.50E+04	116.42
115.4	171.1	1118.61	5.70E-06	3.10E+04	113.66
112.5	174.0	1154.76	4.90E-06	3.40E+04	119.56
109.5	177.0	1199.35	5.20E-06	3.80E+04	121.45

Location : H-LWF-C02

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
274.3	12.1	1224.37	1.60E+04	3.10E+04	94.58
271.4	15.0	1206.01	1.50E+04	2.80E+04	89.79
268.4	18.0	1177.41	1.40E+04	2.70E+04	90.37
265.4	21.0	1135.56	1.30E+04	2.50E+04	88.12
262.4	24.0	804.61	1.60E+04	1.20E+04	84.84
259.3	27.1	840.48	1.40E+04	1.30E+04	85.07
256.4	30.0	900.70	3.70E+03	1.50E+04	85.47
253.4	33.0	898.17	1.10E+04	2.00E+04	114.92
250.3	36.1	1205.24	6.80E+03	3.70E+04	118.05
244.2	42.2	1023.21	6.30E+03	2.70E+04	117.90
241.4	45.0	1035.89	5.80E+03	2.70E+04	118.27
238.3	48.1	1034.59	5.70E+03	2.80E+04	120.81
235.3	51.1	1056.51	5.40E+03	2.90E+04	118.57
232.3	54.1	1086.68	5.10E+03	3.00E+04	115.99
229.4	57.0	1103.13	4.90E+03	3.20E+04	122.05
226.3	60.1	1131.87	4.60E+03	3.30E+04	120.91
223.4	63.0	1141.62	4.20E+03	3.40E+04	121.83
220.2	66.2	1169.99	4.60E+03	3.70E+04	124.45
217.3	69.1	1180.74	3.60E+03	3.80E+04	125.57
214.3	72.1	1191.87	3.70E+03	3.70E+04	120.12
211.4	75.0	1216.61	3.50E+03	3.70E+04	114.73
208.4	78.0	1250.15	3.40E+03	3.80E+04	113.65
205.4	81.0	1263.95	3.30E+03	3.90E+04	113.23
202.4	84.0	1262.14	2.70E+03	3.90E+04	113.26
199.4	87.0	1298.63	2.20E+03	4.30E+04	117.28
196.3	90.1	1293.49	2.20E+03	4.60E+04	127.94
193.4	93.0	1328.29	2.50E+03	4.80E+04	125.41
190.4	96.0	1337.77	2.00E+03	4.60E+04	120.23
187.3	99.1	1380.38	1.90E+03	5.20E+04	127.01
184.3	102.1	1424.70	1.60E+03	5.70E+04	131.20
181.4	105.0	1528.62	1.50E+03	6.50E+04	128.52
178.4	108.0	1406.59	1.90E+03	5.40E+04	126.64
175.4	111.0	1256.81	1.40E+03	4.40E+04	127.77
172.4	114.0	1205.58	1.80E+03	3.80E+04	120.78
169.3	117.1	1168.93	1.50E+03	3.70E+04	125.41
166.3	120.1	1321.02	1.30E+03	4.60E+04	122.38
163.3	123.1	1397.96	1.00E+03	5.40E+04	127.84
160.3	126.1	1431.85	9.10E+02	5.70E+04	129.77
157.3	129.1	1373.99	8.00E+02	5.30E+04	129.59
154.3	132.1	1334.35	8.20E+02	4.80E+04	124.34
151.3	135.1	1300.25	5.60E+02	4.30E+04	119.05
148.3	138.1	1169.05	5.80E+02	3.50E+04	117.45
145.3	141.1	1123.38	5.70E+02	3.30E+04	121.03
142.3	144.1	1041.18	4.40E+02	2.80E+04	121.46
139.4	147.0	1053.23	4.60E+02	3.00E+04	124.20
136.4	150.0	994.12	4.00E+02	2.60E+04	120.64
133.4	153.0	919.07	4.80E+02	2.20E+04	120.35
130.2	156.2	897.21	4.30E+02	2.00E+04	113.65
127.4	159.0	924.60	4.10E+02	2.20E+04	117.12
124.33	162.07	1102.15	3.60E+02	3.10E+04	118.31
121.21	165.19	1270.58	3.00E+02	4.40E+04	125.79
119.23	168.17	1435.31	2.40E+02	5.50E+04	124.37
115.34	171.06	1352.99	3.00E+02	4.60E+04	117.35
112.17	174.23	1300.19	3.20E+02	4.20E+04	116.04

Location : H-LWF-C04

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
272.6	12.1	1388.30	3.80E-04	4.50E+04	107.72
269.7	15.0	1298.35	2.80E-04	3.90E+04	106.78
266.6	18.1	1187.61	2.90E-04	2.90E+04	95.22
263.7	21.0	1038.33	3.20E-04	2.30E+04	99.99
260.7	24.0	966.61	3.10E-04	2.10E+04	103.14
257.7	27.0	945.14	2.90E-04	2.00E+04	102.43
254.7	30.0	944.09	2.40E-04	2.00E+04	102.16
251.7	33.0	949.75	2.10E-04	2.50E+04	126.31
248.7	36.0	970.93	1.50E-04	2.60E+04	126.08
245.7	39.0	984.48	1.20E-04	2.70E+04	127.28
242.7	42.0	991.54	9.90E-05	2.70E+04	128.71
239.6	45.1	1030.50	8.50E-05	3.00E+04	129.14
236.7	48.0	1104.01	6.60E-05	3.30E+04	124.98
233.7	51.0	1276.20	5.30E-05	4.10E+04	116.19
230.7	54.0	1407.04	4.50E-05	5.00E+04	118.26
227.7	57.0	1348.40	4.00E-05	4.50E+04	115.41
224.7	60.0	1271.72	3.90E-05	4.00E+04	114.19
221.7	63.0	1200.84	3.40E-05	3.50E+04	114.57
218.7	66.0	1181.97	3.50E-05	3.50E+04	116.40
215.6	69.1	1189.09	3.00E-05	3.60E+04	118.80
212.7	72.0	1165.36	3.30E-05	3.50E+04	119.76
209.6	75.1	1170.47	3.20E-05	3.80E+04	127.09
206.7	78.0	1201.26	3.10E-05	4.10E+04	131.36
203.7	81.0	1202.65	3.10E-05	4.10E+04	131.24
200.7	84.0	1184.49	3.20E-05	3.70E+04	123.80
197.6	87.1	1157.20	3.00E-05	3.40E+04	117.28
194.6	90.1	1139.94	3.00E-05	3.40E+04	121.84
191.7	93.0	1171.53	2.80E-05	3.80E+04	128.24
188.6	96.1	1179.01	2.70E-05	3.90E+04	131.17
185.6	99.1	1053.44	3.20E-05	3.10E+04	127.74
182.3	102.4	908.36	4.60E-05	2.10E+04	119.70
179.7	105.0	853.05	5.00E-05	1.80E+04	115.14
176.6	108.1	876.94	3.20E-05	1.90E+04	115.65
173.7	111.0	958.14	2.60E-05	2.30E+04	117.15
170.6	114.1	1022.99	2.20E-05	2.60E+04	114.24
167.7	117.0	1068.07	1.80E-05	2.80E+04	115.60
164.7	120.0	1116.41	1.20E-05	3.50E+04	128.75
161.7	123.0	1152.84	1.20E-05	3.70E+04	129.84
158.7	126.0	1143.40	1.70E-05	3.50E+04	125.73
154.6	129.9	979.38	1.60E-05	2.50E+04	121.10
152.6	132.1	906.91	1.70E-05	2.10E+04	117.48
149.5	135.2	911.36	1.40E-05	2.20E+04	120.60
146.6	138.1	920.81	1.40E-05	2.20E+04	122.80
143.7	141.0	1047.21	1.30E-05	2.90E+04	122.47
140.5	144.2	1058.72	1.30E-05	3.00E+04	122.22
137.7	147.0	1072.43	1.50E-05	2.90E+04	116.16
134.7	150.0	1118.39	1.50E-05	3.10E+04	113.49
131.7	153.0	1128.33	1.30E-05	3.40E+04	122.09
127.9	156.8	1178.92	1.00E-05	3.50E+04	117.23

HDB7C01

Location : HDB7-C01

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
319.38	12.02	1041.34	3.10E-04	2.10E+04	89.14
316.37	15.03	1039.23	2.60E-04	2.00E+04	87.4
313.35	18.05	983.95	1.80E-04	1.90E+04	91.6
310.37	21.03	979.45	1.60E-04	1.80E+04	85.5
307.38	24.02	1012.99	1.40E-04	1.90E+04	86.1
304.37	27.03	1073.93	1.10E-04	2.20E+04	86.84
301.36	30.04	1172.34	8.00E-05	2.60E+04	87.28
298.35	33.05	1330.76	6.00E-05	4.40E+04	115.71
295.4	36	1387.96	4.60E-05	4.80E+04	116.43
292.4	39	1453.25	3.00E-05	5.40E+04	117.76

HDB7C03

Location : HDB7-C03

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
319.56	12.04	878.62	4.40E-04	1.50E+04	92.4
316.55	15.05	933.3	3.40E-04	1.80E+04	93.91
313.55	18.05	958.79	2.40E-04	1.90E+04	95.17
310.58	21.02	921.23	2.40E-04	1.70E+04	90.22
307.57	24.03	885.8	2.40E-04	1.50E+04	89.23
304.32	27.28	911.95	2.10E-04	1.50E+04	84.29
301.56	30.04	1022.68	1.70E-04	1.90E+04	85.27
298.57	33.03	1171.94	1.20E-04	3.40E+04	115.96
295.6	36	1210.79	9.10E-05	3.70E+04	116.5

HDB7C04

Location : HDB7-C04

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
319.89	12.01	830.92	4.10E-04	1.40E+04	92.15
316.89	15.01	870.73	3.70E-04	1.40E+04	88.55
313.89	18.01	923.1	2.40E-04	1.70E+04	89.96
310.87	21.03	948.56	2.40E-04	1.80E+04	90.83
307.89	24.01	981.34	1.90E-04	1.80E+04	88.53
304.89	27.01	1053.18	1.20E-04	2.10E+04	86.42
301.86	30.04	1161.68	9.50E-05	2.40E+04	82.96
298.87	33.03	1234.18	7.70E-05	3.80E+04	115.88

HDB7C06

Location : HDB7-C06

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
319.15	12.05	863.5	2.30E-04	1.50E+04	94.12
316.17	15.03	937.03	1.40E-04	1.70E+04	88.86
313.17	18.03	1126.45	9.80E-05	2.50E+04	92.47
310.17	21.03	1102.9	1.00E-04	2.30E+04	87.53
307.19	24.01	1042.75	7.70E-05	2.10E+04	88.16
304.14	27.06	1036.15	7.70E-05	2.00E+04	88.15
301.17	30.03	1020.87	7.20E-05	1.90E+04	86.57
298.15	33.05	1017.8	5.60E-05	2.60E+04	118.29
295.19	36.01	1085.09	4.90E-05	2.90E+04	115.24

H244C01

Location : H244-C01

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
285.07	12.03	1457.22	1.30E-04	5.20E+04	112.62
282.07	15.03	1439.63	1.00E-04	4.70E+04	104.26
279.07	18.03	1379.99	1.00E-04	4.40E+04	108.18
275.98	21.12	1321.66	1.10E-04	3.70E+04	97.41
273.08	24.02	1289.81	9.30E-05	3.50E+04	98.56
270.09	27.01	1264.22	8.70E-05	3.40E+04	98.43
267.06	30.04	1232.01	8.90E-05	3.20E+04	98.21
264.06	33.04	1163.68	9.50E-05	3.60E+04	122.93
261.08	36.02	1115.48	1.20E-04	3.30E+04	124.36
258.07	39.03	1097.78	1.20E-04	3.20E+04	125.02
255.04	42.06	1087.26	8.60E-05	3.20E+04	124.34
252.06	45.04	1077.95	7.10E-05	3.10E+04	125.26
249.03	48.07	1074.9	6.60E-05	3.10E+04	123.6
246.08	51.02	1089.92	6.50E-05	2.90E+04	114.82
243.09	54.01	1123.57	5.70E-05	3.10E+04	113.57
240.09	57.01	1168.65	5.30E-05	3.40E+04	115.75
237.05	60.05	1186.26	5.20E-05	3.60E+04	117.73
234.05	63.05	1164.35	4.40E-05	3.50E+04	119.69
231.01	66.09	1147.63	4.40E-05	3.50E+04	121.5
228.06	69.04	1137.83	4.80E-05	3.30E+04	119.13
225.03	72.07	1158.96	4.30E-05	3.60E+04	125.39
222.07	75.03	1172.56	4.00E-05	3.80E+04	126.73
219.08	78.02	1182.86	3.80E-05	3.70E+04	121.39
216.04	81.06	1185.43	3.50E-05	3.70E+04	120.81
213.06	84.04	1196.85	3.20E-05	3.90E+04	127.7
210.06	87.04	1212.24	3.10E-05	4.10E+04	128.36
207.03	90.07	1228.46	3.00E-05	4.00E+04	123.3
204.06	93.04	1242.46	2.90E-05	4.10E+04	122.55
186.06	111.04	1183.58	1.80E-05	3.60E+04	118.43
183.03	114.07	1219.92	1.70E-05	3.90E+04	122.51
179.98	117.12	1253.43	1.40E-05	4.10E+04	122.18
177.06	120.04	1240.88	1.20E-05	4.20E+04	127.23
173.97	123.13	1284.23	1.20E-05	4.30E+04	121.16
171.06	126.04	1286.62	1.00E-05	4.30E+04	119.92
168.05	129.05	1275.9	8.60E-06	4.30E+04	123.32
165.03	132.07	1229.15	8.10E-06	4.00E+04	123.35
162.03	135.07	1200.66	8.10E-06	3.60E+04	117.09
159.02	138.08	1207.34	7.70E-06	3.70E+04	116.94
155.95	141.15	1197.46	7.30E-06	3.70E+04	118.39
153.06	144.04	1158.81	6.60E-06	3.60E+04	123.22
150.07	147.03	1135.25	7.20E-06	3.30E+04	119.24
147.05	150.05	1137.33	6.20E-06	3.30E+04	119.7
144.09	153.01	1140.95	6.30E-06	3.50E+04	122.91
141.09	156.01	1166.24	6.10E-06	3.30E+04	113.69
138.02	159.08	1202.82	5.50E-06	3.70E+04	117.43
135.04	162.06	1238.49	5.20E-06	4.00E+04	121.04
132.06	165.04	1300.08	4.00E-06	4.40E+04	121.57
129.03	168.07	1273.4	4.40E-06	4.10E+04	117.17
126.02	171.08	1315.49	3.40E-06	4.40E+04	116.99
123.08	174.02	1335.19	2.20E-06	4.50E+04	118.15

H244C02

Location : H244-C02

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
284.89	12.01	755.89	4.40E-04	1.20E+04	100
281.88	15.02	783.16	4.20E-04	1.40E+04	105.01
278.82	18.08	899.37	4.10E-04	2.00E+04	112.25
275.86	21.04	1176.81	1.40E-04	2.80E+04	92.67
272.86	24.04	1615.43	7.40E-05	5.30E+04	93.56
269.87	27.03	1792.61	6.10E-05	6.90E+04	100.17
266.85	30.05	1607.41	6.00E-05	5.40E+04	97.22
263.87	33.03	1540.6	6.50E-05	6.20E+04	120.65
260.9	36	1429.5	6.40E-05	5.30E+04	121.2
257.86	39.04	1343.78	6.20E-05	4.70E+04	119.6
254.82	42.08	1262.66	7.40E-05	4.10E+04	118.5
251.86	45.04	1237.86	7.90E-05	3.90E+04	117.98
248.86	48.04	1211.46	7.20E-05	3.80E+04	118.67
245.84	51.06	1119.39	6.30E-05	3.20E+04	119.71
242.89	54.01	1088.18	5.60E-05	2.90E+04	114.52
239.88	57.02	1069.65	5.90E-05	2.80E+04	114.53
236.86	60.04	1083.43	5.80E-05	3.00E+04	116.82
233.86	63.04	1108.02	5.20E-05	3.10E+04	117.06
230.78	66.12	1066.9	5.00E-05	2.90E+04	118.26
227.87	69.03	1066.41	4.20E-05	2.90E+04	117.16
224.87	72.03	1095.87	4.30E-05	3.00E+04	114.62
221.86	75.04	1184.2	3.60E-05	3.70E+04	121.81
218.83	78.07	1262.59	2.80E-05	4.40E+04	127.77
215.89	81.01	1262.54	2.30E-05	4.30E+04	125.83
212.87	84.03	1205.07	2.60E-05	3.70E+04	118.53
209.83	87.07	1155.4	2.60E-05	3.40E+04	118.9
206.88	90.02	1178.47	2.40E-05	3.70E+04	122.76
203.86	93.04	1184.26	2.30E-05	3.80E+04	126.96
185.88	111.02	1099.72	2.30E-05	3.30E+04	127.96
182.89	114.01	1060.32	2.70E-05	2.90E+04	121.26
179.87	117.03	1033.91	2.90E-05	2.60E+04	113.62
176.86	120.04	1012.25	2.40E-05	2.50E+04	114.39
173.87	123.03	1040.13	1.90E-05	2.70E+04	114.62
170.86	126.04	1155.89	1.80E-05	3.30E+04	114.06
167.9	129	1280.63	1.50E-05	4.10E+04	116.39
164.85	132.05	1378.57	1.20E-05	5.00E+04	121.46
161.86	135.04	1397.65	1.00E-05	5.10E+04	121.29
158.88	138.02	1439.41	6.90E-06	5.40E+04	120.62
155.86	141.04	1342.21	6.90E-06	4.60E+04	119.19
152.91	143.99	1286.11	6.80E-06	4.20E+04	117.98
149.86	147.04	1270.97	7.90E-06	4.00E+04	113.96
146.85	150.05	1253.05	7.60E-06	4.00E+04	116.73
143.85	153.05	1307.07	8.40E-06	4.20E+04	114.11
140.87	156.03	1306	7.60E-06	4.30E+04	118.17
137.83	159.07	1348.07	7.20E-06	4.80E+04	122.88

HMMCB02

Location : MMC-B02

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
281.58	12.02	1277.31	3.70E-04	3.50E+04	100.65
278.6	15	1243.27	2.80E-04	3.50E+04	103.56
275.56	18.04	1252.33	2.90E-04	3.40E+04	100.92
272.58	21.02	1190.48	3.00E-04	3.00E+04	98.86
269.58	24.02	1110.1	3.20E-04	2.70E+04	101.08
266.4	27.2	968.54	3.00E-04	1.90E+04	92.95
263.58	30.02	880.22	3.10E-04	1.60E+04	93.03
260.57	33.03	923.99	1.80E-04	2.20E+04	120.3
257.6	36	918.93	1.60E-04	2.30E+04	123.58
254.57	39.03	1027.43	1.80E-04	2.80E+04	124.66
251.56	42.04	943.96	1.50E-04	2.40E+04	123.49
248.57	45.03	883.05	1.70E-04	2.00E+04	117.87
245.58	48.02	928.4	1.30E-04	2.20E+04	119.76
242.57	51.03	911.27	1.20E-04	2.10E+04	116.25
239.59	54.01	1023.76	1.10E-04	2.60E+04	115.73
236.39	57.21	1049.3	9.10E-05	2.70E+04	114.77
233.58	60.02	1076.33	8.50E-05	2.90E+04	115.07
230.59	63.01	1105.4	7.70E-05	3.00E+04	115.57
227.58	66.02	1119.96	7.30E-05	3.20E+04	117.51
221.6	72	212.64	4.00E-04	1.20E+03	118.09
218.54	75.06	327.5	9.50E-05	2.90E+03	126.46
215.57	78.03	390.78	1.90E-04	4.30E+03	130.03
212.59	81.01	431.82	1.60E-04	5.20E+03	130.17
209.59	84.01	1263.69	5.40E-05	4.30E+04	123.76
206.58	87.02	1292.03	5.00E-05	4.50E+04	126.1
203.55	90.05	1316.76	4.60E-05	4.90E+04	132.17
200.58	93.02	1337.29	4.40E-05	5.10E+04	133.04
197.55	96.05	1353.94	4.20E-05	5.30E+04	133.16
194.57	99.03	1317.83	4.00E-05	5.00E+04	133.55
191.58	102.02	1249.88	4.70E-05	4.60E+04	135.69
188.57	105.03	1162.03	5.50E-05	3.50E+04	121.33
185.6	108	1114.07	5.50E-05	3.20E+04	118.47
176.57	117.03	1158.87	3.90E-05	3.50E+04	120.91
173.58	120.02	1134.43	4.00E-05	3.40E+04	121.47
170.6	123	1120.75	3.90E-05	3.20E+04	119.1
167.58	126.02	1131.6	3.60E-05	3.20E+04	116.49
164.59	129.01	1164.81	3.30E-05	3.50E+04	121.21
161.57	132.03	1206.59	3.10E-05	4.10E+04	130.01
158.56	135.04	1205.62	3.10E-05	3.90E+04	123.44
155.56	138.04	1176.25	3.10E-05	3.90E+04	129.04
152.6	141	1154.01	3.10E-05	3.50E+04	120.5
149.59	144.01	1139.78	3.10E-05	3.30E+04	118.74
146.25	147.35	1134.26	3.20E-05	3.30E+04	119.48
143.59	150.01	1122.08	3.20E-05	3.30E+04	121.05
137.59	156.01	1107.04	3.30E-05	3.30E+04	125.22
134.58	159.02	1084.49	3.50E-05	3.30E+04	129.69
131.6	162	1110.52	3.40E-05	3.40E+04	127.53
128.56	165.04	1158.16	2.90E-05	3.50E+04	121.41
125.58	168.02	1264.42	2.50E-05	4.10E+04	118.25
122.6	171	1345.85	1.90E-05	4.80E+04	122.71

Location : H-MMC-C01

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
269.3	24.2	1304.52	2.30E-04	3.80E+04	102.81
266.5	27.0	1238.78	2.40E-04	3.50E+04	106.47
263.5	30.0	1128.55	2.60E-04	2.90E+04	104.53
260.5	33.0	1111.04	2.40E-04	3.40E+04	128.37
257.5	36.0	1095.83	2.70E-04	3.30E+04	128.95
254.1	39.4	1067.10	2.40E-04	3.10E+04	128.13
251.4	42.1	1055.15	2.20E-04	3.10E+04	127.23
248.6	44.9	1053.30	1.90E-04	3.00E+04	127.08
245.5	48.0	1169.71	1.50E-04	3.40E+04	116.08
242.5	51.0	1279.13	1.30E-04	4.20E+04	118.41
239.5	54.0	1317.70	3.00E-05	4.30E+04	115.61
236.5	57.0	1066.71	3.90E-05	2.80E+04	114.30
233.5	60.0	929.69	4.20E-05	2.10E+04	114.58
230.5	63.0	905.35	1.30E-04	2.00E+04	114.29
227.4	66.1	925.11	1.20E-04	2.20E+04	120.04
224.5	69.0	1003.71	1.00E-04	2.60E+04	121.76
221.4	72.1	973.52	9.30E-05	2.50E+04	121.17
218.3	75.2	955.74	8.90E-05	2.50E+04	126.29
215.1	78.4	928.73	8.80E-05	2.30E+04	125.75
212.4	81.1	911.74	9.00E-05	2.10E+04	119.08
209.5	84.0	902.19	9.00E-05	2.00E+04	115.33
206.4	87.1	858.40	8.50E-05	1.90E+04	120.53
203.1	90.4	823.34	7.40E-05	1.80E+04	122.93
200.3	93.2	806.41	8.40E-05	1.70E+04	122.84
197.4	96.1	957.51	6.70E-05	2.40E+04	122.94
194.5	99.0	1218.73	5.10E-05	3.90E+04	122.61
191.3	102.2	1225.95	3.70E-05	4.00E+04	124.06
188.5	105.0	1041.49	5.50E-05	2.80E+04	119.75
185.4	108.1	886.41	5.30E-05	1.90E+04	113.07
182.4	111.1	908.05	5.00E-05	2.10E+04	116.70
179.4	114.1	889.15	4.70E-05	2.00E+04	114.57
176.4	117.1	841.39	5.10E-05	1.70E+04	113.28
173.4	120.1	655.53	7.20E-05	1.00E+04	112.91
170.2	123.3	698.16	5.40E-05	1.20E+04	112.88
167.5	126.0	798.30	7.40E-05	1.60E+04	113.23
164.3	129.2	829.74	2.90E-05	1.70E+04	112.66
161.5	132.0	1023.66	1.40E-05	2.60E+04	113.14
158.5	135.0	1061.15	1.90E-05	2.80E+04	113.60
155.1	138.4	1310.05	6.20E-06	4.30E+04	116.49
151.5	142.0	4317.98	1.70E-06	4.80E+05	119.29
148.6	144.9	3685.73	1.70E-06	3.40E+05	116.36
146.3	147.2	2401.89	2.40E-06	1.60E+05	126.97
143.5	150.0	1646.11	4.30E-06	7.00E+04	120.36
140.4	153.1	1154.69	5.00E-06	3.30E+04	115.60
137.5	156.0	1002.37	7.60E-06	2.50E+04	117.00
134.5	159.0	1109.14	6.00E-06	3.00E+04	114.35
131.5	162.0	1067.29	7.00E-06	2.80E+04	115.55
128.5	165.0	1277.00	3.10E-06	4.10E+04	117.75
125.2	168.3	1135.79	1.20E-06	3.30E+04	119.67
122.33	171.17	642.9	9.50E-06	1.10E+04	125.15
118.01	175.49	404.02	2.20E-05	4.20E+03	119.42
116.3	177.2	505.05	1.20E-05	6.30E+03	114.82
113.44	180.06	370.55	3.80E-05	3.50E+03	116.72

HMMCC02

Location : MMC-C02

Test Elevation (ft)	Test Depth (ft)	Shear Wave Velocity (ft/s)	Shear Strain (%)	Shear Modulus (psi)	Density (pcf)
278.28	12.02	1221.51	4.70E-04	3.00E+04	93.2
275.3	15	1177.89	3.90E-04	3.10E+04	105.14
272.26	18.04	1143.93	3.90E-04	2.80E+04	97.81
269.28	21.02	1066.43	3.80E-04	2.30E+04	93.34
266.19	24.11	1040.27	3.70E-04	2.30E+04	97.77
263.3	27	1026.77	3.10E-04	2.10E+04	94.22
260.27	30.03	992.19	2.70E-04	2.00E+04	94.9
257.25	33.05	970.26	2.50E-04	2.30E+04	115.37
254.34	35.96	924	2.20E-04	2.30E+04	124.01
251.25	39.05	899.86	2.10E-04	2.10E+04	120.2
248.13	42.17	899.09	2.00E-04	2.00E+04	113.38
245.27	45.03	915.18	1.60E-04	2.00E+04	112.58
242.22	48.08	956.58	1.10E-04	2.40E+04	119.81
239.17	51.13	1108.5	9.90E-05	3.10E+04	117.39
236.26	54.04	1029.94	1.10E-04	2.60E+04	115.02
233.29	57.01	992.84	9.10E-05	2.40E+04	113.1
230.3	60	959.3	1.10E-04	2.20E+04	112.75
227.27	63.03	937.74	1.00E-04	2.10E+04	112.78
224.1	66.2	1104.03	8.40E-05	3.00E+04	115.19
218.29	72.01	224.04	3.90E-04	1.20E+03	114.99
215.23	75.07	341.46	1.30E-04	2.90E+03	115.7
212.28	78.02	398.51	1.80E-04	4.30E+03	124.77
209.26	81.04	439.03	1.80E-04	5.30E+03	126.59
206.26	84.04	1237.91	6.10E-05	4.20E+04	126.16
203.27	87.03	1243.66	5.80E-05	4.10E+04	122.19
199.99	90.31	1238.22	5.50E-05	4.20E+04	126.01
197.27	93.03	1244.63	4.50E-05	4.30E+04	129.38
194.25	96.05	1329.58	3.50E-05	4.90E+04	128.13
191.23	99.07	1373.78	1.90E-05	5.30E+04	130.61

APPENDIX B

H-CIF-C06a

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

09/13/94

H-CIF-C07

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

09/19/94

H-CIF-C08

APPLIED RESEARCH ASSOCIATES, INC.

09/19/94

Average Shear Wave Peak Particle Velocity

H-CIF-C09

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

09/22/94

H-CIF-C10

APPLIED RESEARCH ASSOCIATES, INC.

09/20/94

Average Shear Wave Peak Particle Velocity

HTF-C05

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

12/20/94

HTF-C06

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

12/20/94

HTF-C07

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

12/19/94

HTF-C08

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

1/20/95

HTF-C09

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

12/19/94

HTF-C10

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

1/19/95

HTF-C11

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

1/12/95

HTF-C12

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

2/23/95

HTF-C13

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

1/11/95

HTF-C14

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

1/12/95

HTF-C15

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

12/20/94

HTF-C16

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

1/10/95

HTF-C17

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

12/21/94

HTF-C18

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

1/31/95

H-LWF-C01

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

9/21/94

H-LWF-C02

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

09/26/94

H-LWF-C04

APPLIED RESEARCH ASSOCIATES, INC.

09/14/94

Average Shear Wave Peak Particle Velocity

HDB7-C01

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

3/13/95

HDB7-C03

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

1/20/95

HDB7-C04

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

1/20/95

HDB7-C06

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

1/24/95

H244-C01

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

2/24/95

H244-C02

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

2/27/95

MMC-B02

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

1/19/95

H-MMC-C01

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

09/23/94

MMC-C02

APPLIED RESEARCH ASSOCIATES, INC.
Average Shear Wave Peak Particle Velocity

1/13/95

H-CIF-C06A

APPLIED RESEARCH ASSOCIATES, INC.

9/13/94

Shear Wave Time of Peak

H-CIF-C06B

APPLIED RESEARCH ASSOCIATES, INC.

9/15/94

Shear Wave Time of Peak

H-CIF-C07

APPLIED RESEARCH ASSOCIATES, INC.

9/19/94

Shear Wave Time of Peak

H-CIF-C08

APPLIED RESEARCH ASSOCIATES, INC.

9/19/94

Shear Wave Time of Peak

H-CIF-C09

APPLIED RESEARCH ASSOCIATES, INC.

9/22/94

Shear Wave Time of Peak

H-CIF-C10

APPLIED RESEARCH ASSOCIATES, INC.

9/20/94

Shear Wave Time of Peak

HTF-C05

APPLIED RESEARCH ASSOCIATES, INC.

9/22/94

Shear Wave Time of Peak

HTF-C06

APPLIED RESEARCH ASSOCIATES, INC. 12/20/94

Shear Wave Time of Peak

HTF-C07

APPLIED RESEARCH ASSOCIATES, INC. 12/19/94

Shear Wave Time of Peak

HTF-C08

APPLIED RESEARCH ASSOCIATES, INC.

1/20/95

Shear Wave Time of Peak

HTF-C09

APPLIED RESEARCH ASSOCIATES, INC. 12/19/94

Shear Wave Time of Peak

HTF-C10

APPLIED RESEARCH ASSOCIATES, INC.

1/19/95

Shear Wave Time of Peak

HTF-C11

APPLIED RESEARCH ASSOCIATES, INC.

1/12/95

Shear Wave Time of Peak

HTF-C12

APPLIED RESEARCH ASSOCIATES, INC.

2/23/95

Shear Wave Time of Peak

HTF-C13

APPLIED RESEARCH ASSOCIATES, INC.

1/11/95

Shear Wave Time of Peak

HTF-C14

APPLIED RESEARCH ASSOCIATES, INC.

1/12/95

Shear Wave Time of Peak

HTF-C15

APPLIED RESEARCH ASSOCIATES, INC. 12/20/94

Shear Wave Time of Peak

HTF-C16

APPLIED RESEARCH ASSOCIATES, INC.

1/10/95

Shear Wave Time of Peak

HTF-C17

APPLIED RESEARCH ASSOCIATES, INC. 12/21/94

Shear Wave Time of Peak

HTF-C18

APPLIED RESEARCH ASSOCIATES, INC.

1/31/95

Shear Wave Time of Peak

H-LWF-C01

APPLIED RESEARCH ASSOCIATES, INC.

9/21/94

Shear Wave Time of Peak

H-LWF-C02

APPLIED RESEARCH ASSOCIATES, INC.

9/26/94

Shear Wave Time of Peak

H-LWF-C04

APPLIED RESEARCH ASSOCIATES, INC.

9/14/94

Shear Wave Time of Peak

HDB7-C01

APPLIED RESEARCH ASSOCIATES, INC.

3/13/95

Shear Wave Time of Peak

HDB7-C03

APPLIED RESEARCH ASSOCIATES, INC.

1/20/95

Shear Wave Time of Peak

HDB7-C04

APPLIED RESEARCH ASSOCIATES, INC.

1/20/95

Shear Wave Time of Peak

HDB7-C06

APPLIED RESEARCH ASSOCIATES, INC.

1/24/95

Shear Wave Time of Peak

H244-C01

APPLIED RESEARCH ASSOCIATES, INC.

2/24/95

Shear Wave Time of Peak

H244-C02

APPLIED RESEARCH ASSOCIATES, INC.

2/27/95

Shear Wave Time of Peak

MMC-B02

APPLIED RESEARCH ASSOCIATES, INC.

1/19/95

Shear Wave Time of Peak

H-MMC-C01

APPLIED RESEARCH ASSOCIATES, INC.

9/23/94

Shear Wave Time of Peak

MMC-C02

APPLIED RESEARCH ASSOCIATES, INC.

1/13/95

Shear Wave Time of Peak

H-CIF-C06

APPLIED RESEARCH ASSOCIATES, INC.

9/13/94

Shear Wavespeed

H-CIF-C06B

APPLIED RESEARCH ASSOCIATES, INC.

9/15/94

Shear Wavespeed

H-CIF-C07

APPLIED RESEARCH ASSOCIATES, INC.

9/19/94

Shear Wavespeed

H-CIF-C08

APPLIED RESEARCH ASSOCIATES, INC.

9/19/94

Shear Wavespeed

H-CIF-C09

APPLIED RESEARCH ASSOCIATES, INC.

9/22/94

Shear Wavespeed

H-CIF-C10

APPLIED RESEARCH ASSOCIATES, INC.

9/20/94

Shear Wavespeed

HTF-C05

APPLIED RESEARCH ASSOCIATES, INC. 12/20/94

Shear Wave Speeds

HTF-C06

APPLIED RESEARCH ASSOCIATES, INC. 12/20/94

Shear Wave Speeds

HTF-C07

APPLIED RESEARCH ASSOCIATES, INC. 12/19/94

Shear Wave Speeds

HTF-C08

APPLIED RESEARCH ASSOCIATES, INC.

1/20/95

Shear Wave Speeds

HTF-C09

APPLIED RESEARCH ASSOCIATES, INC. 12/19/94

Shear Wave Speeds

HTF-C10

APPLIED RESEARCH ASSOCIATES, INC.

1/19/95

Shear Wave Speeds

HTF-C12

APPLIED RESEARCH ASSOCIATES, INC.

2/23/95

Shear Wave Speeds

HTF-C11

APPLIED RESEARCH ASSOCIATES, INC.

1/12/95

Shear Wave Speeds

HTF-C13

APPLIED RESEARCH ASSOCIATES, INC.

1/11/95

Shear Wave Speeds

HTF-C14

APPLIED RESEARCH ASSOCIATES, INC.

1/12/95

Shear Wave Speeds

HTF-C15

APPLIED RESEARCH ASSOCIATES, INC. 12/20/94

Shear Wave Speeds

HTF-C16

APPLIED RESEARCH ASSOCIATES, INC.

1/10/95

Shear Wave Speeds

HTF-C17

APPLIED RESEARCH ASSOCIATES, INC. 12/21/94

Shear Wave Speeds

HTF-C18

APPLIED RESEARCH ASSOCIATES, INC.

1/31/95

Shear Wave Speeds

H-LWF-C01

APPLIED RESEARCH ASSOCIATES, INC.

9/21/94

Shear Wavespeed

H-LWF-C02

APPLIED RESEARCH ASSOCIATES, INC.

9/26/94

Shear Wavespeed

H-LWF-C04

APPLIED RESEARCH ASSOCIATES, INC.

9/14/94

Shear Wave Velocity

HDB7-C01

APPLIED RESEARCH ASSOCIATES, INC.

3/13/95

Shear Wave Speeds

HDB7-C03

APPLIED RESEARCH ASSOCIATES, INC.

1/20/95

Shear Wave Speeds

HDB7-C04

APPLIED RESEARCH ASSOCIATES, INC.

1/20/95

Shear Wave Speeds

HDB7-C06

APPLIED RESEARCH ASSOCIATES, INC.

1/24/95

Shear Wave Speeds

H244-C01

APPLIED RESEARCH ASSOCIATES, INC. 2/24/95

Shear Wave Speeds

H244-C02

APPLIED RESEARCH ASSOCIATES, INC.

2/27/95

Shear Wave Speeds

MMC-B02

APPLIED RESEARCH ASSOCIATES, INC. 1/19/95

Shear Wave Speeds

H-MMC-C01

APPLIED RESEARCH ASSOCIATES, INC.

9/23/94

Shear Wavespeed

MMC-C02

APPLIED RESEARCH ASSOCIATES, INC.

1/13/95

Shear Wave Speeds

APPENDIX C

Applied Research Associates Inc.
H-CIF-C06

S Wave
09/13/94

Applied Research Associates Inc.
H-CIF-C06

S Wave
09/15/94

Applied Research Associates Inc.
H-CIF-C07

S Wave
09/19/94

Applied Research Associates Inc.
H-CIF-C07

S Wave
09/19/94

Applied Research Associates Inc.
H-CIF-C07

S Wave
09/19/94

Applied Research Associates Inc.
H-CIF-C09

S Wave
09/22/94

Applied Research Associates Inc.
HTF-C5

S Wave
01/27/95

Applied Research Associates Inc.
HTF-C12

S Wave
02/23/95

Applied Research Associates Inc.
HTF-C13

S Wave
01/11/95

Applied Research Associates Inc.
HTF-C14

S Wave
01/12/95

Applied Research Associates Inc.
HTF-C15

S Wave
12/20/94

Applied Research Associates Inc.
HTF-C18

S Wave
01/31/95

Applied Research Associates Inc.
H-LWF-C01

S Wave
09/21/94

Applied Research Associates Inc.
H-LWF-C01

S Wave
09/21/94

Applied Research Associates Inc.
H-LWF-C01

S Wave
09/21/94

Applied Research Associates Inc.
H-LWF-C02

S Wave
09/26/94

Applied Research Associates Inc.
H-LWF-C02

S Wave
09/26/94

Applied Research Associates Inc.
H-LWF-C02

S Wave
09/26/94

Applied Research Associates Inc.
H-LWF-C04

S Wave
09/14/94

Applied Research Associates Inc.
H-LWF-C04

S Wave
09/14/94

Applied Research Associates Inc.
H-LWF-C04

S Wave
09/14/94

Applied Research Associates Inc.
HDB7-C1

S Wave
03/13/95

Applied Research Associates Inc.
HDB7-C3

S Wave
01/20/95

Applied Research Associates Inc.
HDB7-C4

S Wave
01/20/95

Applied Research Associates Inc.
HDB7-C6

S Wave
01/24/95

Applied Research Associates Inc.
H244-C1

S Wave
02/24/95

Applied Research Associates Inc.
H244-C1

S Wave
02/24/95

Applied Research Associates Inc.
H244-C2

S Wave
02/27/95

Applied Research Associates Inc.
H244-C2

S Wave
02/27/95

Applied Research Associates Inc.
H-MMC-C01

S Wave
09/23/94

Applied Research Associates Inc.
H-MMC-C01

S Wave
09/23/94

Applied Research Associates Inc.
H-CIF-C06

P Wave
09/13/94

Applied Research Associates Inc.
H-CIF-C06

P Wave
09/13/94

Applied Research Associates Inc.
H-CIF-C06

P Wave
09/15/94

Applied Research Associates Inc.
H-CIF-C07

P Wave
09/19/94

Applied Research Associates Inc.
H-CIF-C08

P Wave
09/19/94

Applied Research Associates Inc.
H-CIF-C10

P Wave
09/20/94

Applied Research Associates Inc.
H-LWF-C04

P Wave
09/14/94

Applied Research Associates Inc.
H-LWF-C04

P Wave
09/14/94

Applied Research Associates Inc.
H-LWF-C04

P Wave
09/14/94

APPENDIX D

HTF-C07

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

12/19/94

HTF-C07

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

12/19/94

HTF-C07

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

12/19/94

HTF-C13

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

01/11/95

H-LWF-C04

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

09/14/94

HDB7-C04

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

01/20/95

H244-C01

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

02/24/95

H244-C02

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

02/27/95

H244-C02

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

02/27/95

H-MMC-C01

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

09/23/94

H244-C01

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

02/24/95

HTF-C07

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

01/24/95

HTF-C09

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

12/19/94

HTF-C09

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

12/19/94

HTF-C15

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

12/20/94

HTF-C15

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

12/20/94

HTF-C17

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

12/21/94

HTF-C19

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

02/02/95

H-LWF-C01

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

09/21/94

H-LWF-C04

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

09/14/94

H-LWF-C04

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

09/14/94

H-LWF-C08

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

02/03/95

H-LWF-C08

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

02/03/95

HDB7-C01

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

03/13/95

HDB7-C03

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

01/20/95

H244-C01

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

02/24/95

H244-C01

APPLIED RESEARCH ASSOCIATES, INC.
Savannah River Site H-Area

02/24/95

H244-C02

Classification and Blow Count Profiles
(to be completed)

APPENDIX E

Calibration File Name	Measurement Device	Test ID	Legend: S = Sleeve T = Tip P = Pore Pressure
01100913.128	S	HTF-C16	
01100930.128	T	HTF-C16	
01100938.128	P	HTF-C16	
01101310.128	P	HTF-C16	
01101313.128	T	HTF-C16	
01101317.128	S	HTF-C16	
01110723.128	S	HTF-C13	
01110730.128	T	HTF-C13	
01110734.128	P	HTF-C13	
01111348.128	P	HTF-C13	
01111351.128	T	HTF-C13	
01111355.128	S	HTF-C13	
01120739.128	S	HTF-C11	
01120752.128	T	HTF-C11	
01120755.128	P	HTF-C11	
01120907.128	P	HTF-C11	
01120911.128	T	HTF-C11	
01120915.128	S	HTF-C11	
01121512.128	P	HTF-C14	
01121515.128	T	HTF-C14	
01121517.128	S	HTF-C14	
01130717.128	S	H-MMC-C02	
01130732.128	T	H-MMC-C02	
01130735.128	P	H-MMC-C02	
01131135.128	P	H-MMC-C02	
01131138.128	T	H-MMC-C02	
01131143.128	S	H-MMC-C02	
01160721.128	S		
01160731.128	T		
01160724.128	P		
01190840.128	S	HTF-C10	
01190901.128	T	HTF-C10	
01190907.128	P	HTF-C10	
01191112.128	P	HTF-C10	
01191120.128	T	HTF-C10	
01191125.128	S	H-MMC-B02	
01191135.108	S	H-MMC-B02	
01191236.108	S	H-MMC-B02	
01191250.108	T	H-MMC-B02	
01191255.108	P	H-MMC-B02	
01191638.108	P	H-MMC-B02	
01191644.108	T	H-MMC-B02	
01191652.108	S	H-MMC-B02	
01200839.128	S	HTF-C08	
01200854.128	T	HTF-C08	
01200859.128	P	HTF-C08	
01201105.128	P	HDB7-C03	
01201110.128	T	HDB7-C03	
01201116.128	S	HDB7-C03	
01201537.128	P	HDB7-C04	
01201541.128	T	HDB7-C04	
01201546.128	S	HDB7-C04	

Calibration	Measurement		
File Name	Device	Test ID	
01201651.128	P	HDB7-C04	
01201657.128	T	HDB7-C04	
01201701.128	S	HDB7-C04	
01230736.128	S		
01230829.108	S		
01230851.108	T		
01230856.108	P		
01240747.108	S	HDB7-C06	
01240809.108	T	HDB7-C06	
01240814.108	P	HDB7-C06	
01241102.108	P	HDB7-C06	
01241109.108	T	HDB7-C06	
01241115.108	S	HTF-C07	
01241708.108	P	HTF-C07	
01241714.108	T	HTF-C07	
01241718.108	S	HTF-C07	
01250755.108	S	HTF-C08	
01250811.108	T	HTF-C08	
01250816.108	P	HTF-C08	
01251339.108	P	HTF-C08	
01251345.108	T	HTF-C08	
01251351.108	S	HTF-C08	
01260740.108	S	HTF-C09	
01260759.108	T	HTF-C09	
01260864.108	P	HTF-C09	
01261345.108	P	HTF-C09	
01261354.108	T	HTF-C09	
01261402.108	S	HTF-C09	
01270736.108	S	HTF-C05	
01270757.108	T	HTF-C05	
01270802.108	P	HTF-C05	
01271348.108	P	HTF-C05	
01271355.108	T	HTF-C05	
01271402.108	S	HTF-C05	
01300741.108	S	HTF-C06	
01300800.108	T	HTF-C06	
01300804.108	P	HTF-C06	
01301434.108	P	HTF-C06	
01301441.108	T	HTF-C06	
01301449.108	S	HTF-C06	
01310759.108	S	HTF-C18	
01310819.108	T	HTF-C18	
01310832.108	P	HTF-C18	
01311126.108	P	HTF-C18	
01311133.108	T	HTF-C18	
01311140.108	S	HTF-C18	
12191004.128	S	HTF-C09	
12191029.128	T	HTF-C09	
12191033.128	P	HTF-C09	
12191401.128	T	HTF-C07	
12191403.128	S	HTF-C07	
12191357.128	P	HTF-C07	

Legend: S = Sleeve
T = Tip
P = Pore Pressure

Calibration File Name	Measurement Device	Test ID	Legend: S = Sleeve T = Tip P = Pore Pressure
12191519.128	T	HTF-C07	
12191522.128	S	HTF-C07	
12200752.128	T	HTF-C06	
12200737.128	S	HTF-C06	
12200756.128	P	HTF-C06	
12200954.128	P	HTF-C06	
12200957.128	T	HTF-C06	
12201002.128	S	HTF-C05	
12201248.128	P	HTF-C05	
12201250.128	T	HTF-C05	
12201252.128	S	HTF-C15	
12201625.128	P	HTF-C15	
12201228.128	T	HTF-C15	
12201231.128	S	HTF-C15	
12210752.128	S	HTF-C17	
12210802.128	T	HTF-C17	
12211804.128	P	HTF-C17	
12211313.128	P	HTF-C17	
12211318.128	T	HTF-C17	
12211321.128	S	HTF-C17	
09130840.128	S	H-CIF-C06	
09130903.128	T	H-CIF-C06	
09130908.128	P	H-CIF-C06	
09141020.128	S	H-LWF-C4	
09141035.128	T	H-LWF-C4	
09141040.128	P	H-LWF-C4	
09150719.128	S	H-CIF-C06	
09150744.128	T	H-CIF-C06	
09150748.128	P	H-CIF-C06	
09150814.128	P	H-CIF-C06	
09190735.128	S	H-CIF-C08	
09190756.128	T	H-CIF-C08	
09190802.128	P	H-CIF-C08	
09191358.128	P	H-CIF-C07	
09191337.128	T	H-CIF-C07	
09191341.128	S	H-CIF-C07	
09191803.128	T	H-CIF-C07	
09200740.128	S	H-CIF-C10	
09200753.128	T	H-CIF-C10	
09200758.128	P	H-CIF-C10	
09201300.128	T	H-CIF-C10	
09201309.128	S	H-CIF-C10	
09210727.128	S	H-LWF-C01	
09210743.128	T	H-LWF-C01	
09210746.128	P	H-LWF-C01	
09211220.128	P	H-LWF-C01	
09211226.128	T	H-LWF-C01	
09211229.128	S	H-LWF-C01	
09220749.128	S	H-CIF-C09	
09220802.128	T	H-CIF-C09	
09221247.128	P	H-CIF-C09	
09221254.128	S	H-CIF-C09	

Calibration File Name	Measurement Device	Test ID	Legend: S = Sleeve T = Tip P = Pore Pressure
09230727.128	S	H-MMC-C01	
09230739.128	T	H-MMC-C01	
09230743.128	P	H-MMC-C01	
09231145.128	P	H-MMC-C01	
09231148.128	T	H-MMC-C01	
09231152.128	S	H-MMC-C01	
09260719.128	S	H-LWF-C02	
09260731.128	T	H-LWF-C02	
09260735.128	P	H-LWF-C02	
09261157.128	T	H-LWF-C02	
09261200.128	S	H-LWF-C02	
03130630.108	S	HDB7-C01	
03130632.108	S	HDB7-C01	
03130651.108	T	HDB7-C01	
03131331.108	P	HDB7-C01	
03131338.108	T	HDB7-C01	
03131340.108	T	HDB7-C01	
03131345.108	S	HDB7-C01	
03131352.108	S	HDB7-C01	
02020744.128	S	HTF-C19	
02020746.128	S	HTF-C19	
02020801.128	T	HTF-C19	
02020802.128	T	HTF-C19	
02020809.128	P	HTF-C19	
02021118.128	P	HTF-C19	
02021125.128	T	HTF-C19	
02021132.128	S	HTF-C19	
02021725.128	S	HTF-C19	
02030746.128	T	H-LWF-C08	
02030750.128	P	H-LWF-C08	
02031135.128	P	H-LWF-C08	
02031141.128	T	H-LWF-C08	
02031153.128	S	H-LWF-C10	
02031638.128	P	H-LWF-C10	
02031644.128	T	H-LWF-C10	
02031651.128	S	H-LWF-C10	
02231201.128	S	HTF-C12	
02231217.128	T	HTF-C12	
02231222.128	P	HTF-C12	
02231410.128	P	HTF-C12	
02231416.128	T	HTF-C12	
02231422.128	S	HTF-C12	
02241237.128	S	H244-C1	
02241257.128	T	H244-C1	
02241301.128	P	H244-C1	
02241706.128	P	H244-C1	
02241708.128	P	H244-C1	
02241714.128	T	H244-C1	
02241720.128	S	H244-C1	
02270900.108	S	H244-C2	
02270902.108	S	H244-C2	
02270919.108	T	H244-C2	

Calibration File Name	Measurement Device	Test ID
02270923.108	P	H244-C2
02271431.108	P	H244-C2
02271439.108	T	H244-C2
02271444.108	S	H244-C2
02271452.108	S	H244-C2

Legend: S = Sleeve
T = Tip
P = Pore Pressure

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 585 A-D, Max. = 5789 A-D

Measurement Device = Sleeve
m = .5506E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 177 A-D, Max. = 4340 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 585 A-D, Max. = 5789 A-D

Measurement Device = Sleeve
m = .5506E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 177 A-D, Max. = 4340 A-D

Reference Device = RLC(T)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 588 A-D, Max. = 17935 A-D

Measurement Device = Tip

$m = .2541E+1$ (lbs/A-D)

A-D Channel 7 ± 5 v range

gain x 200 filter 1 Hz

Min. = 366 A-D, Max. = 3439 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 588 A-D, Max. = 17935 A-D

Measurement Device = Tip
m = .2541E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 366 A-D, Max. = 3439 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 116 A-D, Max. = 22127 A-D

Measurement Device = Pore Pressure
 $m = .4678E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 116 A-D, Max. = 2357 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 116 A-D, Max. = 22127 A-D

Measurement Device = Pore Pressure
 $m = .4678E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 116 A-D, Max. = 2357 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 610 A-D, Max. = 5786 A-D

Measurement Device = Sleeve
m = .5655E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 240 A-D, Max. = 4300 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 614 A-D, Max. = 17637 A-D

Measurement Device = Tip
m = .2540E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 257 A-D, Max. = 3279 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 614 A-D, Max. = 17637 A-D

Measurement Device = Tip
m = .2540E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 257 A-D, Max. = 3279 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 126 A-D, Max. = 24001 A-D

Measurement Device = Pore Pressure
 $m = .3509E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 288 A-D, Max. = 3526 A-D

Reference Device = RLC(S)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 +/- 5 v range

gain x 200 filter 1 Hz

Min. = 598 A-D, Max. = 5915 A-D

Measurement Device = Sleeve

$m = .5678E+0$ (lbs/A-D)

A-D Channel 1 +/- 5 v range

gain x 200 filter 1 Hz

Min. = 244 A-D, Max. = 4415 A-D

Reference Device = RLC(S)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 598 A-D, Max. = 5915 A-D

Measurement Device = Sleeve

$m = .5678E+0$ (lbs/A-D)

A-D Channel 1 ± 5 v range

gain x 200 filter 1 Hz

Min. = 244 A-D, Max. = 4415 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 602 A-D, Max. = 8119 A-D

Measurement Device = Tip
m = .5678E+0 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 778 A-D, Max. = 817 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 602 A-D, Max. = 17993 A-D

Measurement Device = Tip
 $m = .2544E+1$ (lbs/A-D)
A-D Channel 4 ± 5 v range
gain x 200 filter 1 Hz
Min. = -877 A-D, Max. = 2204 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 142 A-D, Max. = 23423 A-D

Measurement Device = Pore Pressure
 $m = .3507E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 298 A-D, Max. = 3462 A-D

Reference Device = RPT
m = .4768E-2 (lbs/A-D)
A-D Channel 6 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 142 A-D, Max. = 23423 A-D

Measurement Device = Pore Pressure
m = .3507E-1 (lbs/A-D)
A-D Channel 3 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 298 A-D, Max. = 3462 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 94 A-D, Max. = 23328 A-D

Measurement Device = Pore Pressure
 $m = .3506E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 291 A-D, Max. = 3451 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 587 A-D, Max. = 6051 A-D

Measurement Device = Sleeve
 $m = .5338E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 433 A-D, Max. = 4988 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 587 A-D, Max. = 6051 A-D

Measurement Device = Sleeve
 $m = .5338E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 433 A-D, Max. = 4988 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 580 A-D, Max. = 17701 A-D

Measurement Device = Tip
 $m = .2555E+1$ (lbs/A-D)
A-D Channel 4 ± 5 v range
gain x 200 filter 1 Hz
Min. = 312 A-D, Max. = 3333 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 94 A-D, Max. = 23213 A-D

Measurement Device = Pore Pressure
 $m = .4913E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 758 A-D, Max. = 3002 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 634 A-D, Max. = 5633 A-D

Measurement Device = Sleeve
 $m = .5487E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 380 A-D, Max. = 4413 A-D

Reference Device = RPT
m = .4768E-2 (lbs/A-D)
A-D Channel 6 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 94 A-D, Max. = 23213 A-D

Measurement Device = Pore Pressure
m = .4913E-1 (lbs/A-D)
A-D Channel 3 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 758 A-D, Max. = 3002 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -35 A-D, Max. = 23265 A-D

Measurement Device = Pore Pressure
 $m = .4910E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 794 A-D, Max. = 3051 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 25 A-D, Max. = 23980 A-D

Measurement Device = Pore Pressure
 $m = .4910E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 773 A-D, Max. = 3100 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 613 A-D, Max. = 17609 A-D

Measurement Device = Tip
 $m = .2549E+1$ (lbs/A-D)
A-D Channel 4 ± 5 v range
gain x 200 filter 1 Hz
Min. = 349 A-D, Max. = 3354 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 614 A-D, Max. = 5660 A-D

Measurement Device = Sleeve
 $m = .5487E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 392 A-D, Max. = 4315 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 634 A-D, Max. = 18728 A-D

Measurement Device = Tip
m = .2549E+1 (lbs/A-D)
A-D Channel 4 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 358 A-D, Max. = 3551 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 580 A-D, Max. = 5850 A-D

Measurement Device = Sleeve
m = .5397E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 433 A-D, Max. = 4774 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 584 A-D, Max. = 17624 A-D

Measurement Device = Tip
 $m = .2546E+1$ (lbs/A-D)
A-D Channel 4 ± 5 v range
gain x 200 filter 1 Hz
Min. = 330 A-D, Max. = 3346 A-D

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Reference Device = RPT

$m = .4768E-2$ (lbs/A-D)

A-D Channel 6 ± 5 v range

gain x 200 filter 1 Hz

Min. = 147 A-D, Max. = 21898 A-D

Measurement Device = Pore Pressure

$m = .4900E-1$ (lbs/A-D)

A-D Channel 3 ± 5 v range

gain x 200 filter 1 Hz

Min. = 776 A-D, Max. = 2886 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 611 A-D, Max. = 18065 A-D

Measurement Device = Tip
 $m = .2546E+1$ (lbs/A-D)
A-D Channel 4 ± 5 v range
gain x 200 filter 1 Hz
Min. = 345 A-D, Max. = 3425 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 611 A-D, Max. = 5872 A-D

Measurement Device = Sleeve
m = .5397E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 407 A-D, Max. = 4555 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 574 A-D, Max. = 5950 A-D

Measurement Device = Sleeve
m = .5336E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 444 A-D, Max. = 4903 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 580 A-D, Max. = 18233 A-D

Measurement Device = Tip
 $m = .2545E+1$ (lbs/A-D)
A-D Channel 4 ± 5 v range
gain x 200 filter 1 Hz
Min. = 314 A-D, Max. = 3438 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 148 A-D, Max. = 23855 A-D

Measurement Device = Pore Pressure
 $m = .4894E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 769 A-D, Max. = 3078 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 5 A-D, Max. = 23214 A-D

Measurement Device = Pore Pressure
 $m = .4894E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 783 A-D, Max. = 3040 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 623 A-D, Max. = 17925 A-D

Measurement Device = Tip
 $m = .2545E+1$ (lbs/A-D)
A-D Channel 4 ± 5 v range
gain x 200 filter 1 Hz
Min. = 348 A-D, Max. = 3407 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 623 A-D, Max. = 5667 A-D

Measurement Device = Sleeve
m = .5336E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 393 A-D, Max. = 4464 A-D

Reference Device = RLC(S)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 576 A-D, Max. = 5929 A-D

Measurement Device = Sleeve

$m = .5419E+0$ (lbs/A-D)

A-D Channel 1 ± 5 v range

gain x 200 filter 1 Hz

Min. = 453 A-D, Max. = 4815 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 581 A-D, Max. = 18045 A-D

Measurement Device = Tip
 $m = .2549E+1$ (lbs/A-D)
A-D Channel 4 ± 5 v range
gain x 200 filter 1 Hz
Min. = 309 A-D, Max. = 3398 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -2 A-D, Max. = 23312 A-D

Measurement Device = Pore Pressure
 $m = .4895E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 790 A-D, Max. = 3061 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 625 A-D, Max. = 5965 A-D

Measurement Device = Sleeve
 $m = .5419E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 393 A-D, Max. = 4739 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 573 A-D, Max. = 6127 A-D

Measurement Device = Sleeve
 $m = .5433E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 447 A-D, Max. = 5002 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 576 A-D, Max. = 18296 A-D

Measurement Device = Tip
 $m = .2547E+1$ (lbs/A-D)
A-D Channel 4 ± 5 v range
gain x 200 filter 1 Hz
Min. = 304 A-D, Max. = 3439 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 134 A-D, Max. = 22072 A-D

Measurement Device = Pore Pressure
 $m = .4890E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 764 A-D, Max. = 2898 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -14 A-D, Max. = 22557 A-D

Measurement Device = Pore Pressure
 $m = .4890E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 782 A-D, Max. = 2989 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 621 A-D, Max. = 17942 A-D

Measurement Device = Tip
m = .2547E+1 (lbs/A-D)
A-D Channel 4 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 341 A-D, Max. = 3402 A-D

Reference Device = RLC(S)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 621 A-D, Max. = 5904 A-D

Measurement Device = Sleeve

$m = .5433E+0$ (lbs/A-D)

A-D Channel 1 ± 5 v range

gain x 200 filter 1 Hz

Min. = 397 A-D, Max. = 4753 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 579 A-D, Max. = 6087 A-D

Measurement Device = Sleeve
m = .5346E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 420 A-D, Max. = 5000 A-D

Reference Device = RLC(T)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 581 A-D, Max. = 18184 A-D

Measurement Device = Tip

$m = .2544E+1$ (lbs/A-D)

A-D Channel 4 ± 5 v range

gain x 200 filter 1 Hz

Min. = 316 A-D, Max. = 3433 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 98 A-D, Max. = 23209 A-D

Measurement Device = Pore Pressure
 $m = .4875E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 772 A-D, Max. = 3025 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 621 A-D, Max. = 17342 A-D

Measurement Device = Tip
m = .2544E+1 (lbs/A-D)
A-D Channel 4 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 350 A-D, Max. = 3312 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 620 A-D, Max. = 5976 A-D

Measurement Device = Sleeve
m = .5346E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 381 A-D, Max. = 4791 A-D

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Reference Device = RLC(T)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 204 A-D, Max. = 17948 A-D

Measurement Device = Tip

$m = .2527E+1$ (lbs/A-D)

A-D Channel 7 ± 5 v range

gain x 200 filter 1 Hz

Min. = 2494 A-D, Max. = 5637 A-D

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Pore Pressure Calibration

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -6 A-D, Max. = 22287 A-D

Measurement Device = Pore Pressure
 $m = .4869E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 288 A-D, Max. = 2469 A-D

Reference Device = RLC(T)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 583 A-D, Max. = 18376 A-D

Measurement Device = Tip

$m = .2553E+1$ (lbs/A-D)

A-D Channel 7 ± 5 v range

gain x 200 filter 1 Hz

Min. = 2569 A-D, Max. = 5711 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 584 A-D, Max. = 5786 A-D

Measurement Device = Sleeve
m = .5410E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1046 A-D, Max. = 5313 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -97 A-D, Max. = 22861 A-D

Measurement Device = Pore Pressure
 $m = .4915E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 287 A-D, Max. = 2515 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 570 A-D, Max. = 18006 A-D

Measurement Device = Tip
m = .2545E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2567 A-D, Max. = 5654 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 572 A-D, Max. = 5784 A-D

Measurement Device = Sleeve
m = .5434E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1057 A-D, Max. = 5358 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 524 A-D, Max. = 18184 A-D

Measurement Device = Tip
m = .2528E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2527 A-D, Max. = 5674 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 513 A-D, Max. = 5831 A-D

Measurement Device = Sleeve
m = .5380E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1141 A-D, Max. = 5531 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 65 A-D, Max. = 23177 A-D

Measurement Device = Pore Pressure
 $m = .4857E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 281 A-D, Max. = 2549 A-D

Reference Device = RPT
m = .4768E-2 (lbs/A-D)
A-D Channel 6 +/- 5 v range
gain x 200 filter 1 Hz
Min. = -22 A-D, Max. = 23704 A-D

Measurement Device = Pore Pressure
m = .4878E-1 (lbs/A-D)
A-D Channel 3 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 272 A-D, Max. = 2590 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 570 A-D, Max. = 17894 A-D

Measurement Device = Tip
m = .2538E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2561 A-D, Max. = 5638 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 569 A-D, Max. = 5998 A-D

Measurement Device = Sleeve
m = .5516E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1064 A-D, Max. = 5464 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -113 A-D, Max. = 23537 A-D

Measurement Device = Pore Pressure
 $m = .4891E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 286 A-D, Max. = 2592 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 587 A-D, Max. = 18212 A-D

Measurement Device = Tip
m = .2542E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2578 A-D, Max. = 5702 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 587 A-D, Max. = 5880 A-D

Measurement Device = Sleeve
m = .5446E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1030 A-D, Max. = 5365 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -53 A-D, Max. = 20846 A-D

Measurement Device = Pore Pressure
 $m = .4890E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 288 A-D, Max. = 2325 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 568 A-D, Max. = 18183 A-D

Measurement Device = Tip
 $m = .2547E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2563 A-D, Max. = 5678 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 569 A-D, Max. = 5687 A-D

Measurement Device = Sleeve
m = .5419E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1061 A-D, Max. = 5264 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 523 A-D, Max. = 5966 A-D

Measurement Device = Sleeve
m = .5392E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1115 A-D, Max. = 5574 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 527 A-D, Max. = 18230 A-D

Measurement Device = Tip
m = .2549E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2550 A-D, Max. = 5681 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 34 A-D, Max. = 20880 A-D

Measurement Device = Pore Pressure
 $m = .4885E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 278 A-D, Max. = 2312 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -193 A-D, Max. = 22546 A-D

Measurement Device = Pore Pressure
 $m = .4890E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 283 A-D, Max. = 2500 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 582 A-D, Max. = 17308 A-D

Measurement Device = Tip
m = .2542E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2567 A-D, Max. = 5531 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 582 A-D, Max. = 5743 A-D

Measurement Device = Sleeve
m = .5438E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1039 A-D, Max. = 5250 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 533 A-D, Max. = 5612 A-D

Measurement Device = Sleeve
m = .5356E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1084 A-D, Max. = 5276 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 543 A-D, Max. = 18412 A-D

Measurement Device = Tip
m = .2529E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2557 A-D, Max. = 5740 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 543 A-D, Max. = 18412 A-D

Measurement Device = Tip
m = .2529E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2557 A-D, Max. = 5740 A-D

Reference Device = RPT
m = .4768E-2 (lbs/A-D)
A-D Channel 6 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 59 A-D, Max. = 23783 A-D

Measurement Device = Pore Pressure
m = .4867E-1 (lbs/A-D)
A-D Channel 3 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 281 A-D, Max. = 2598 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 59 A-D, Max. = 23783 A-D

Measurement Device = Pore Pressure
 $m = .4867E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 281 A-D, Max. = 2598 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -46 A-D, Max. = 22781 A-D

Measurement Device = Pore Pressure
 $m = .4890E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 281 A-D, Max. = 2505 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -46 A-D, Max. = 22781 A-D

Measurement Device = Pore Pressure
 $m = .4890E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 281 A-D, Max. = 2505 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 557 A-D, Max. = 18385 A-D

Measurement Device = Tip
m = .2534E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2565 A-D, Max. = 5734 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 557 A-D, Max. = 18385 A-D

Measurement Device = Tip
 $m = .2534E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2565 A-D, Max. = 5734 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 557 A-D, Max. = 5732 A-D

Measurement Device = Sleeve
m = .5428E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1038 A-D, Max. = 5279 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 514 A-D, Max. = 6167 A-D

Measurement Device = Sleeve
 $m = .5407E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1100 A-D, Max. = 5719 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 517 A-D, Max. = 17914 A-D

Measurement Device = Tip
m = .2541E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2544 A-D, Max. = 5628 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 80 A-D, Max. = 23411 A-D

Measurement Device = Pore Pressure
 $m = .4885E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 262 A-D, Max. = 2537 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -47 A-D, Max. = 22023 A-D

Measurement Device = Pore Pressure
 $m = .4896E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 264 A-D, Max. = 2414 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 562 A-D, Max. = 18253 A-D

Measurement Device = Tip
 $m = .2533E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2573 A-D, Max. = 5721 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 562 A-D, Max. = 5707 A-D

Measurement Device = Sleeve
m = .5465E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1036 A-D, Max. = 5226 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 532 A-D, Max. = 5980 A-D

Measurement Device = Sleeve
m = .5405E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1082 A-D, Max. = 5528 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 535 A-D, Max. = 18193 A-D

Measurement Device = Tip
m = .2542E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2551 A-D, Max. = 5683 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 124 A-D, Max. = 21719 A-D

Measurement Device = Pore Pressure
 $m = .4878E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 264 A-D, Max. = 2379 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 101 A-D, Max. = 22239 A-D

Measurement Device = Pore Pressure
 $m = .4888E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 255 A-D, Max. = 2417 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 544 A-D, Max. = 17929 A-D

Measurement Device = Tip
m = .2529E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2572 A-D, Max. = 5669 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 545 A-D, Max. = 5908 A-D

Measurement Device = Sleeve
m = .5387E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1057 A-D, Max. = 5479 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -3 A-D, Max. = 21998 A-D

Measurement Device = Pore Pressure
 $m = .4911E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 281 A-D, Max. = 2418 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 573 A-D, Max. = 17772 A-D

Measurement Device = Tip
m = .2541E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2578 A-D, Max. = 5628 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 573 A-D, Max. = 5701 A-D

Measurement Device = Sleeve
m = .5345E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1025 A-D, Max. = 5266 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 534 A-D, Max. = 6716 A-D

Measurement Device = Sleeve
m = .5318E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1080 A-D, Max. = 6196 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 539 A-D, Max. = 18468 A-D

Measurement Device = Tip
m = .2545E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2561 A-D, Max. = 5735 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 139 A-D, Max. = 22160 A-D

Measurement Device = Pore Pressure
 $m = .4899E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 261 A-D, Max. = 2404 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 58 A-D, Max. = 23095 A-D

Measurement Device = Pore Pressure
 $m = .4901E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 278 A-D, Max. = 2518 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 567 A-D, Max. = 18759 A-D

Measurement Device = Tip
m = .2537E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2567 A-D, Max. = 5799 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 568 A-D, Max. = 5480 A-D

Measurement Device = Sleeve
m = .5323E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1040 A-D, Max. = 5111 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 500 A-D, Max. = 5925 A-D

Measurement Device = Sleeve
m = .5363E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1075 A-D, Max. = 5528 A-D

Reference Device = RLC(T)

 $m = .4505E+0$ (lbs/A-D)A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 519 A-D, Max. = 17971 A-D

Measurement Device = Tip

 $m = .2543E+1$ (lbs/A-D)A-D Channel 7 ± 5 v range

gain x 200 filter 1 Hz

Min. = 2562 A-D, Max. = 5655 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 107 A-D, Max. = 22600 A-D

Measurement Device = Pore Pressure
 $m = .4888E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 260 A-D, Max. = 2452 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 520 A-D, Max. = 5966 A-D

Measurement Device = Sleeve
m = .5576E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1081 A-D, Max. = 5447 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 527 A-D, Max. = 18131 A-D

Measurement Device = Tip
m = .2543E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2564 A-D, Max. = 5684 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 109 A-D, Max. = 22763 A-D

Measurement Device = Pore Pressure
 $m = .4878E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 263 A-D, Max. = 2472 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 108 A-D, Max. = 21954 A-D

Measurement Device = Pore Pressure
 $m = .4881E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 258 A-D, Max. = 2393 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 551 A-D, Max. = 17721 A-D

Measurement Device = Tip
m = .2542E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2578 A-D, Max. = 5631 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 551 A-D, Max. = 17721 A-D

Measurement Device = Tip
 $m = .2542E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2578 A-D, Max. = 5631 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 546 A-D, Max. = 5586 A-D

Measurement Device = Sleeve
m = .5483E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1039 A-D, Max. = 5102 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 555 A-D, Max. = 5903 A-D

Measurement Device = Sleeve
 $m = .8371E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1490 A-D, Max. = 4306 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 555 A-D, Max. = 5903 A-D

Measurement Device = Sleeve
 $m = .8371E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1490 A-D, Max. = 4306 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 556 A-D, Max. = 17675 A-D

Measurement Device = Tip
 $m = .2937E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3205 A-D, Max. = 5826 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 556 A-D, Max. = 17675 A-D

Measurement Device = Tip
m = .2937E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3205 A-D, Max. = 5826 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 101 A-D, Max. = 23164 A-D

Measurement Device = Pore Pressure
 $m = .4045E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 264 A-D, Max. = 2980 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 101 A-D, Max. = 23164 A-D

Measurement Device = Pore Pressure
 $m = .4045E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 264 A-D, Max. = 2980 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -48 A-D, Max. = 22440 A-D

Measurement Device = Pore Pressure
 $m = .4052E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 260 A-D, Max. = 2906 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 568 A-D, Max. = 19667 A-D

Measurement Device = Tip
 $m = .2927E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3214 A-D, Max. = 6147 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 568 A-D, Max. = 19667 A-D

Measurement Device = Tip
 $m = .2927E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3214 A-D, Max. = 6147 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 572 A-D, Max. = 5804 A-D

Measurement Device = Sleeve
m = .8592E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1461 A-D, Max. = 4164 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 572 A-D, Max. = 5804 A-D

Measurement Device = Sleeve
m = .8592E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1461 A-D, Max. = 4164 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 543 A-D, Max. = 5967 A-D

Measurement Device = Sleeve
 $m = .5393E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1056 A-D, Max. = 5525 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 543 A-D, Max. = 5967 A-D

Measurement Device = Sleeve
m = .5393E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1056 A-D, Max. = 5525 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 550 A-D, Max. = 17818 A-D

Measurement Device = Tip
 $m = .2534E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2571 A-D, Max. = 5645 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 50 A-D, Max. = 23015 A-D

Measurement Device = Pore Pressure
 $m = .4868E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 271 A-D, Max. = 2517 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 50 A-D, Max. = 23015 A-D

Measurement Device = Pore Pressure
 $m = .4868E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 271 A-D, Max. = 2517 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 66 A-D, Max. = 21540 A-D

Measurement Device = Pore Pressure
 $m = .4866E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 266 A-D, Max. = 2370 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 66 A-D, Max. = 21540 A-D

Measurement Device = Pore Pressure
 $m = .4866E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 266 A-D, Max. = 2370 A-D

Reference Device = RLC(T)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 552 A-D, Max. = 17916 A-D

Measurement Device = Tip

$m = .2527E+1$ (lbs/A-D)

A-D Channel 7 ± 5 v range

gain x 200 filter 1 Hz

Min. = 2581 A-D, Max. = 5676 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 552 A-D, Max. = 17916 A-D

Measurement Device = Tip
 $m = .2527E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2581 A-D, Max. = 5676 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 553 A-D, Max. = 5591 A-D

Measurement Device = Sleeve
m = .5416E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1037 A-D, Max. = 5151 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 553 A-D, Max. = 5591 A-D

Measurement Device = Sleeve
m = .5416E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1037 A-D, Max. = 5151 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 123 A-D, Max. = 22713 A-D

Measurement Device = Pore Pressure
 $m = .4877E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 274 A-D, Max. = 2482 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 123 A-D, Max. = 22713 A-D

Measurement Device = Pore Pressure
 $m = .4877E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 274 A-D, Max. = 2482 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 561 A-D, Max. = 17985 A-D

Measurement Device = Tip
m = .2537E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2574 A-D, Max. = 5669 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 561 A-D, Max. = 17985 A-D

Measurement Device = Tip
m = .2537E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2574 A-D, Max. = 5669 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 562 A-D, Max. = 5586 A-D

Measurement Device = Sleeve
m = .5381E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1031 A-D, Max. = 5190 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 562 A-D, Max. = 5586 A-D

Measurement Device = Sleeve
 $m = .5381E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1031 A-D, Max. = 5190 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 109 A-D, Max. = 23083 A-D

Measurement Device = Pore Pressure
 $m = .4865E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 304 A-D, Max. = 2518 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 564 A-D, Max. = 17611 A-D

Measurement Device = Tip
m = .2534E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2577 A-D, Max. = 5607 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 564 A-D, Max. = 17611 A-D

Measurement Device = Tip
 $m = .2534E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2577 A-D, Max. = 5607 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 564 A-D, Max. = 5778 A-D

Measurement Device = Sleeve
m = .5411E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1029 A-D, Max. = 5336 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 564 A-D, Max. = 5778 A-D

Measurement Device = Sleeve
m = .5411E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1029 A-D, Max. = 5336 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 503 A-D, Max. = 5780 A-D

Measurement Device = Sleeve
m = .5324E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1103 A-D, Max. = 5485 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 503 A-D, Max. = 5780 A-D

Measurement Device = Sleeve
m = .5324E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1103 A-D, Max. = 5485 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 503 A-D, Max. = 5780 A-D

Measurement Device = Sleeve
 $m = .5324E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1103 A-D, Max. = 5485 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 534 A-D, Max. = 6127 A-D

Measurement Device = Sleeve
 $m = .8743E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1486 A-D, Max. = 4348 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 534 A-D, Max. = 6127 A-D

Measurement Device = Sleeve
m = .8743E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1486 A-D, Max. = 4348 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 542 A-D, Max. = 17900 A-D

Measurement Device = Tip
 $m = .2937E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3229 A-D, Max. = 5891 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 542 A-D, Max. = 17900 A-D

Measurement Device = Tip
 $m = .2937E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3229 A-D, Max. = 5891 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 76 A-D, Max. = 23058 A-D

Measurement Device = Pore Pressure
 $m = .4029E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 261 A-D, Max. = 2978 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 76 A-D, Max. = 23058 A-D

Measurement Device = Pore Pressure
 $m = .4029E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 261 A-D; Max. = 2978 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 508 A-D, Max. = 5798 A-D

Measurement Device = Sleeve
 $m = .8411E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1497 A-D, Max. = 4274 A-D

Reference Device = RLC(S)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 +/- 5 v range

gain x 200 filter 1 Hz

Min. = 508 A-D, Max. = 5798 A-D

Measurement Device = Sleeve

$m = .8411E+0$ (lbs/A-D)

A-D Channel 1 +/- 5 v range

gain x 200 filter 1 Hz

Min. = 1497 A-D, Max. = 4274 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 520 A-D, Max. = 17885 A-D

Measurement Device = Tip
m = .2962E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3242 A-D, Max. = 5883 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 520 A-D, Max. = 17885 A-D

Measurement Device = Tip
 $m = .2962E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3242 A-D, Max. = 5883 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 67 A-D, Max. = 22205 A-D

Measurement Device = Pore Pressure
 $m = .4066E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 249 A-D, Max. = 2850 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -1 A-D, Max. = 22756 A-D

Measurement Device = Pore Pressure
 $m = .4071E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 242 A-D, Max. = 2911 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -1 A-D, Max. = 22756 A-D

Measurement Device = Pore Pressure
 $m = .4071E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 242 A-D, Max. = 2911 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 561 A-D, Max. = 17652 A-D

Measurement Device = Tip
 $m = .2954E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3245 A-D, Max. = 5856 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 561 A-D, Max. = 17652 A-D

Measurement Device = Tip
m = .2954E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3245 A-D, Max. = 5856 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 561 A-D, Max. = 5742 A-D

Measurement Device = Sleeve
 $m = .8492E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1459 A-D, Max. = 4168 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 561 A-D, Max. = 5742 A-D

Measurement Device = Sleeve
 $m = .8492E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1459 A-D, Max. = 4168 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 27 A-D, Max. = 22324 A-D

Measurement Device = Pore Pressure
 $m = .4076E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 246 A-D, Max. = 2851 A-D

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Reference Device = RPT
m = .4768E-2 (lbs/A-D)
A-D Channel 6 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 27 A-D, Max. = 22324 A-D

Measurement Device = Pore Pressure
m = .4076E-1 (lbs/A-D)
A-D Channel 3 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 246 A-D, Max. = 2851 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 570 A-D, Max. = 17601 A-D

Measurement Device = Tip
 $m = .2963E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3247 A-D, Max. = 5836 A-D

Reference Device = RLC(T)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 +/- 5 v range

gain x 200 filter 1 Hz

Min. = 570 A-D, Max. = 17601 A-D

Measurement Device = Tip

$m = .2963E+1$ (lbs/A-D)

A-D Channel 7 +/- 5 v range

gain x 200 filter 1 Hz

Min. = 3247 A-D, Max. = 5836 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 570 A-D, Max. = 5685 A-D

Measurement Device = Sleeve
 $m = .8517E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1448 A-D, Max. = 4076 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 570 A-D, Max. = 5685 A-D

Measurement Device = Sleeve
 $m = .8517E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1448 A-D, Max. = 4076 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 505 A-D, Max. = 5783 A-D

Measurement Device = Sleeve
m = .8481E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1496 A-D, Max. = 4260 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 505 A-D, Max. = 5783 A-D

Measurement Device = Sleeve
 $m = .8481E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1496 A-D, Max. = 4260 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 516 A-D, Max. = 18039 A-D

Measurement Device = Tip
m = .2970E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3244 A-D, Max. = 5902 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 516 A-D, Max. = 18039 A-D

Measurement Device = Tip
m = .2970E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3244 A-D, Max. = 5902 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 95 A-D, Max. = 22019 A-D

Measurement Device = Pore Pressure
 $m = .4068E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 277 A-D, Max. = 2846 A-D

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Pore Pressure Calibration

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 95 A-D, Max. = 22019 A-D

Measurement Device = Pore Pressure
 $m = .4068E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 277 A-D, Max. = 2846 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 21 A-D, Max. = 23665 A-D

Measurement Device = Pore Pressure
 $m = .4070E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 242 A-D, Max. = 3007 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 21 A-D, Max. = 23665 A-D

Measurement Device = Pore Pressure
 $m = .4070E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 242 A-D, Max. = 3007 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 567 A-D, Max. = 17330 A-D

Measurement Device = Tip
 $m = .2964E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3250 A-D, Max. = 5797 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 567 A-D, Max. = 17330 A-D

Measurement Device = Tip
 $m = .2964E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3250 A-D, Max. = 5797 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 568 A-D, Max. = 5759 A-D

Measurement Device = Sleeve
 $m = .8716E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1445 A-D, Max. = 4091 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 568 A-D, Max. = 5759 A-D

Measurement Device = Sleeve
 $m = .8716E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1445 A-D, Max. = 4091 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 516 A-D, Max. = 5809 A-D

Measurement Device = Sleeve
 $m = .8422E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1493 A-D, Max. = 4283 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 516 A-D, Max. = 5809 A-D

Measurement Device = Sleeve
m = .8422E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1493 A-D, Max. = 4283 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 526 A-D, Max. = 17817 A-D

Measurement Device = Tip
 $m = .2965E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3247 A-D, Max. = 5872 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 526 A-D, Max. = 17817 A-D

Measurement Device = Tip
m = .2965E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3247 A-D, Max. = 5872 A-D

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Reference Device = RPT
m = .4768E-2 (lbs/A-D)
A-D Channel 6 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 101 A-D, Max. = 23692 A-D

Measurement Device = Pore Pressure
m = .4072E-1 (lbs/A-D)
A-D Channel 3 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 276 A-D, Max. = 3037 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 101 A-D, Max. = 23692 A-D

Measurement Device = Pore Pressure
 $m = .4072E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 276 A-D, Max. = 3037 A-D

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Pore Pressure Calibration

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 25 A-D, Max. = 24386 A-D

Measurement Device = Pore Pressure
 $m = .4080E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 276 A-D, Max. = 3121 A-D

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1345

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 25 A-D, Max. = 24386 A-D

Measurement Device = Pore Pressure
 $m = .4080E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 276 A-D, Max. = 3121 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 567 A-D, Max. = 17457 A-D

Measurement Device = Tip
m = .2972E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3255 A-D, Max. = 5815 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 567 A-D, Max. = 17457 A-D

Measurement Device = Tip
m = .2972E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3255 A-D, Max. = 5815 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 568 A-D, Max. = 5736 A-D

Measurement Device = Sleeve
 $m = .8652E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1437 A-D, Max. = 4084 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 568 A-D, Max. = 5736 A-D

Measurement Device = Sleeve
 $m = .8652E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1437 A-D, Max. = 4084 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 507 A-D, Max. = 5896 A-D

Measurement Device = Sleeve
 $m = .8446E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1488 A-D, Max. = 4317 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 507 A-D, Max. = 5896 A-D

Measurement Device = Sleeve
m = .8446E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1488 A-D, Max. = 4317 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 520 A-D, Max. = 17696 A-D

Measurement Device = Tip
 $m = .2970E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3251 A-D, Max. = 5858 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 520 A-D, Max. = 17696 A-D

Measurement Device = Tip
m = .2970E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3251 A-D, Max. = 5858 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 115 A-D, Max. = 23682 A-D

Measurement Device = Pore Pressure
 $m = .4090E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 285 A-D, Max. = 3045 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 115 A-D, Max. = 23682 A-D

Measurement Device = Pore Pressure
 $m = .4090E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 285 A-D, Max. = 3045 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 12 A-D, Max. = 24152 A-D

Measurement Device = Pore Pressure
 $m = .4086E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 279 A-D, Max. = 3094 A-D

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Pore Pressure Calibration

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 12 A-D, Max. = 24152 A-D

Measurement Device = Pore Pressure
 $m = .4086E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 279 A-D, Max. = 3094 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 570 A-D, Max. = 17516 A-D

Measurement Device = Tip
 $m = .2962E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3256 A-D, Max. = 5834 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 570 A-D, Max. = 17516 A-D

Measurement Device = Tip
m = .2962E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3256 A-D, Max. = 5834 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 571 A-D, Max. = 5955 A-D

Measurement Device = Sleeve
 $m = .8729E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1436 A-D, Max. = 4153 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 571 A-D, Max. = 5955 A-D

Measurement Device = Sleeve
 $m = .8729E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1436 A-D, Max. = 4153 A-D

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Sleeve Calibration

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Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 502 A-D, Max. = 5876 A-D

Measurement Device = Sleeve
 $m = .8317E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1483 A-D, Max. = 4287 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 502 A-D, Max. = 5876 A-D

Measurement Device = Sleeve
m = .8317E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1483 A-D, Max. = 4287 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 510 A-D, Max. = 17876 A-D

Measurement Device = Tip
 $m = .2974E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3253 A-D, Max. = 5887 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 510 A-D, Max. = 17876 A-D

Measurement Device = Tip
m = .2974E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3253 A-D, Max. = 5887 A-D

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Pore Pressure Calibration

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 95 A-D, Max. = 23049 A-D

Measurement Device = Pore Pressure
 $m = .4070E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 260 A-D, Max. = 2948 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 95 A-D, Max. = 23049 A-D

Measurement Device = Pore Pressure
 $m = .4070E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 260 A-D, Max. = 2948 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2 A-D, Max. = 23178 A-D

Measurement Device = Pore Pressure
 $m = .4084E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 281 A-D, Max. = 2981 A-D

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1434

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2 A-D, Max. = 23178 A-D

Measurement Device = Pore Pressure
 $m = .4084E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 281 A-D, Max. = 2981 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 567 A-D, Max. = 18043 A-D

Measurement Device = Tip
m = .2966E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3256 A-D, Max. = 5914 A-D

Reference Device = RLC(T)

 $m = .4505E+0$ (lbs/A-D)A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 567 A-D, Max. = 18043 A-D

Measurement Device = Tip

 $m = .2966E+1$ (lbs/A-D)A-D Channel 7 ± 5 v range

gain x 200 filter 1 Hz

Min. = 3256 A-D, Max. = 5914 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 566 A-D, Max. = 5982 A-D

Measurement Device = Sleeve
m = .8709E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1426 A-D, Max. = 4149 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 566 A-D, Max. = 5982 A-D

Measurement Device = Sleeve
 $m = .8709E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1426 A-D, Max. = 4149 A-D

Reference Device = RLC(S)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 520 A-D, Max. = 5730 A-D

Measurement Device = Sleeve

$m = .8717E+0$ (lbs/A-D)

A-D Channel 1 ± 5 v range

gain x 200 filter 1 Hz

Min. = 1469 A-D, Max. = 4114 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 520 A-D, Max. = 5730 A-D

Measurement Device = Sleeve
 $m = .8717E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1469 A-D, Max. = 4114 A-D

Reference Device = RLC(T)

 $m = .4505E+0$ (lbs/A-D)A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 398 A-D, Max. = 17994 A-D

Measurement Device = Tip

 $m = .2970E+1$ (lbs/A-D)A-D Channel 7 ± 5 v range

gain x 200 filter 1 Hz

Min. = 3236 A-D, Max. = 5899 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 398 A-D, Max. = 17994 A-D

Measurement Device = Tip
m = .2970E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3236 A-D, Max. = 5899 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 80 A-D, Max. = 23774 A-D

Measurement Device = Pore Pressure
 $m = .4055E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 285 A-D, Max. = 3069 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 80 A-D, Max. = 23774 A-D

Measurement Device = Pore Pressure
 $m = .4055E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 285 A-D, Max. = 3069 A-D

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Pore Pressure Calibration

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -25 A-D, Max. = 23623 A-D

Measurement Device = Pore Pressure
 $m = .4063E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 316 A-D, Max. = 3065 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 576 A-D, Max. = 18326 A-D

Measurement Device = Tip
m = .2980E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3250 A-D, Max. = 5935 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 574 A-D, Max. = 5604 A-D

Measurement Device = Sleeve
m = .8663E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1421 A-D, Max. = 4001 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 525 A-D, Max. = 5698 A-D

Measurement Device = Sleeve
 $m = .8648E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1462 A-D, Max. = 4103 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 525 A-D, Max. = 5698 A-D

Measurement Device = Sleeve
 $m = .8648E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1462 A-D, Max. = 4103 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 533 A-D, Max. = 17978 A-D

Measurement Device = Tip
m = .2972E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3251 A-D, Max. = 5897 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 533 A-D, Max. = 17978 A-D

Measurement Device = Tip
 $m = .2972E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3251 A-D, Max. = 5897 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 145 A-D, Max. = 23030 A-D

Measurement Device = Pore Pressure
 $m = .4073E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 288 A-D, Max. = 2964 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 101 A-D, Max. = 23672 A-D

Measurement Device = Pore Pressure
 $m = .4063E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 413 A-D, Max. = 3058 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 573 A-D, Max. = 17891 A-D

Measurement Device = Tip
m = .2974E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3257 A-D, Max. = 5880 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 574 A-D, Max. = 5891 A-D

Measurement Device = Sleeve
 $m = .8697E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1420 A-D, Max. = 4091 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 531 A-D, Max. = 17619 A-D

Measurement Device = Tip
 $m = .2958E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3251 A-D, Max. = 5849 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 88 A-D, Max. = 23279 A-D

Measurement Device = Pore Pressure
 $m = .4060E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 291 A-D, Max. = 3014 A-D

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 88 A-D, Max. = 23711 A-D

Measurement Device = Pore Pressure
 $m = .4085E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 337 A-D, Max. = 3059 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 88 A-D, Max. = 23711 A-D

Measurement Device = Pore Pressure
 $m = .4085E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 337 A-D, Max. = 3059 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 565 A-D, Max. = 18141 A-D

Measurement Device = Tip
m = .2971E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3256 A-D, Max. = 5918 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 565 A-D, Max. = 18141 A-D

Measurement Device = Tip
 $m = .2971E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3256 A-D, Max. = 5918 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 565 A-D, Max. = 5828 A-D

Measurement Device = Sleeve
m = .8571E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1434 A-D, Max. = 4099 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 565 A-D, Max. = 5828 A-D

Measurement Device = Sleeve
 $m = .8571E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1434 A-D, Max. = 4099 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 0 A-D, Max. = 23276 A-D

Measurement Device = Pore Pressure
 $m = .4091E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 301 A-D, Max. = 3012 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 571 A-D, Max. = 17502 A-D

Measurement Device = Tip
 $m = .2961E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3262 A-D, Max. = 5836 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 573 A-D, Max. = 5994 A-D

Measurement Device = Sleeve
m = .9482E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1426 A-D, Max. = 3973 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 557 A-D, Max. = 5773 A-D

Measurement Device = Sleeve
 $m = .5480E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1030 A-D, Max. = 5287 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 557 A-D, Max. = 5773 A-D

Measurement Device = Sleeve
 $m = .5480E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1030 A-D, Max. = 5287 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 560 A-D, Max. = 17294 A-D

Measurement Device = Tip
 $m = .2547E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2603 A-D, Max. = 5563 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 560 A-D, Max. = 17294 A-D

Measurement Device = Tip
 $m = .2547E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2603 A-D, Max. = 5563 A-D

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 134 A-D, Max. = 22534 A-D

Measurement Device = Pore Pressure
 $m = .4876E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 275 A-D, Max. = 2462 A-D

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Pore Pressure Calibration

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 134 A-D, Max. = 22534 A-D

Measurement Device = Pore Pressure
 $m = .4876E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 275 A-D, Max. = 2462 A-D

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Pore Pressure Calibration

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Reference Device = RPT
 $m = .4768\text{E}-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 805 A-D, Max. = 23256 A-D

Measurement Device = Pore Pressure
 $m = .4883\text{E}-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 359 A-D, Max. = 2548 A-D

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Pore Pressure Calibration

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1410

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 805 A-D, Max. = 23256 A-D

Measurement Device = Pore Pressure
 $m = .4883E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 359 A-D, Max. = 2548 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 574 A-D, Max. = 16961 A-D

Measurement Device = Tip
 $m = .2547E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2614 A-D, Max. = 5513 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 574 A-D, Max. = 16961 A-D

Measurement Device = Tip
m = .2547E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2614 A-D, Max. = 5513 A-D

Reference Device = RLC(S)

 $m = .4505E+0$ (lbs/A-D)A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 575 A-D, Max. = 5842 A-D

Measurement Device = Sleeve

 $m = .5428E+0$ (lbs/A-D)A-D Channel 1 ± 5 v range

gain x 200 filter 1 Hz

Min. = 999 A-D, Max. = 5318 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 575 A-D, Max. = 5842 A-D

Measurement Device = Sleeve
 $m = .5428E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 999 A-D, Max. = 5318 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 573 A-D, Max. = 5705 A-D

Measurement Device = Sleeve
 $m = .5430E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1016 A-D, Max. = 5234 A-D

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Sleeve Calibration

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1237

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 573 A-D, Max. = 5705 A-D

Measurement Device = Sleeve
 $m = .5430E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1016 A-D, Max. = 5234 A-D

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Tip Calibration

02/24/95
1255

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 574 A-D, Max. = 17651 A-D

Measurement Device = Tip
m = .2540E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2588 A-D, Max. = 5615 A-D

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Pore Pressure Calibration

02/24/95
1301

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 151 A-D, Max. = 23361 A-D

Measurement Device = Pore Pressure
 $m = .4881E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 296 A-D, Max. = 2557 A-D

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Pore Pressure Calibration

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1301

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 151 A-D, Max. = 23361 A-D

Measurement Device = Pore Pressure
 $m = .4881E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 296 A-D, Max. = 2557 A-D

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Pore Pressure Calibration

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1706

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 54 A-D, Max. = 22568 A-D

Measurement Device = Pore Pressure
 $m = .4876E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 295 A-D, Max. = 2494 A-D

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Pore Pressure Calibration

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1706

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 54 A-D, Max. = 22568 A-D

Measurement Device = Pore Pressure
 $m = .4876E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 295 A-D, Max. = 2494 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 576 A-D, Max. = 17504 A-D

Measurement Device = Tip
 $m = .2541E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2595 A-D, Max. = 5597 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 576 A-D, Max. = 17504 A-D

Measurement Device = Tip
 $m = .2541E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2595 A-D, Max. = 5597 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 578 A-D, Max. = 5665 A-D

Measurement Device = Sleeve
m = .5400E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 1007 A-D, Max. = 5193 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 578 A-D, Max. = 5665 A-D

Measurement Device = Sleeve
 $m = .5400E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 1007 A-D, Max. = 5193 A-D

Reference Device = RLC(S)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 551 A-D, Max. = 5642 A-D

Measurement Device = Sleeve
m = .8483E+0 (lbs/A-D)
A-D Channel 1 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 2646 A-D, Max. = 5310 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 551 A-D, Max. = 5642 A-D

Measurement Device = Sleeve
 $m = .8483E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2646 A-D, Max. = 5310 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 555 A-D, Max. = 17539 A-D

Measurement Device = Tip
 $m = .2853E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3529 A-D, Max. = 6209 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 555 A-D, Max. = 17539 A-D

Measurement Device = Tip
m = .2853E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3529 A-D, Max. = 6209 A-D

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Pore Pressure Calibration

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 157 A-D, Max. = 23183 A-D

Measurement Device = Pore Pressure
 $m = .4678E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 308 A-D, Max. = 2651 A-D

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Pore Pressure Calibration

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0923

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 157 A-D, Max. = 23183 A-D

Measurement Device = Pore Pressure
 $m = .4678E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 308 A-D, Max. = 2651 A-D

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Pore Pressure Calibration

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Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -48 A-D, Max. = 23489 A-D

Measurement Device = Pore Pressure
 $m = .4662E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 332 A-D, Max. = 2736 A-D

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Pore Pressure Calibration

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1431

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = -48 A-D, Max. = 23489 A-D

Measurement Device = Pore Pressure
 $m = .4662E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 332 A-D, Max. = 2736 A-D

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 594 A-D, Max. = 16588 A-D

Measurement Device = Tip
 $m = .2874E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3527 A-D, Max. = 6027 A-D

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 594 A-D, Max. = 16588 A-D

Measurement Device = Tip
m = .2874E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3527 A-D, Max. = 6027 A-D

Reference Device = RLC(S)

$m = .4505E+0$ (lbs/A-D)

A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 595 A-D, Max. = 5753 A-D

Measurement Device = Sleeve

$m = .8696E+0$ (lbs/A-D)

A-D Channel 1 ± 5 v range

gain x 200 filter 1 Hz

Min. = 2603 A-D, Max. = 5249 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 595 A-D, Max. = 5753 A-D

Measurement Device = Sleeve
 $m = .8696E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2603 A-D, Max. = 5249 A-D

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 532 A-D, Max. = 5648 A-D

Measurement Device = Sleeve
 $m = .8540E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2674 A-D, Max. = 5327 A-D

HDB7-C01

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 532 A-D, Max. = 5648 A-D

Measurement Device = Sleeve
 $m = .8540E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2674 A-D, Max. = 5327 A-D

HDB7-CØ1

Reference Device = RLC(T)

 $m = .4505E+0$ (lbs/A-D)A-D Channel 5 ± 5 v range

gain x 200 filter 1 Hz

Min. = 536 A-D, Max. = 17952 A-D

Measurement Device = Tip

 $m = .2864E+1$ (lbs/A-D)A-D Channel 7 ± 5 v range

gain x 200 filter 1 Hz

Min. = 3605 A-D, Max. = 6343 A-D

HDB7-CØ1

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 536 A-D, Max. = 17952 A-D

Measurement Device = Tip
 $m = .2864E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3605 A-D, Max. = 6343 A-D

HDB7-CØ1

Applied Research Associates, Inc.
Pore Pressure Calibration

03/13/95
1331

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 33 A-D, Max. = 22902 A-D

Measurement Device = Pore Pressure
 $m = .4683E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 334 A-D, Max. = 2660 A-D

HDB7-CØ1 POST

Applied Research Associates, Inc.
Pore Pressure Calibration

03/13/95
1331

Reference Device = RPT
 $m = .4768E-2$ (lbs/A-D)
A-D Channel 6 ± 5 v range
gain x 200 filter 1 Hz
Min. = 33 A-D, Max. = 22902 A-D

Measurement Device = Pore Pressure
 $m = .4683E-1$ (lbs/A-D)
A-D Channel 3 ± 5 v range
gain x 200 filter 1 Hz
Min. = 334 A-D, Max. = 2660 A-D

HDB7-C01

Reference Device = RLC(T)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 582 A-D, Max. = 17463 A-D

Measurement Device = Tip
 $m = .2872E+1$ (lbs/A-D)
A-D Channel 7 ± 5 v range
gain x 200 filter 1 Hz
Min. = 3594 A-D, Max. = 6242 A-D

HDB7-C01

Reference Device = RLC(T)
m = .4505E+0 (lbs/A-D)
A-D Channel 5 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 582 A-D, Max. = 17463 A-D

Measurement Device = Tip
m = .2872E+1 (lbs/A-D)
A-D Channel 7 +/- 5 v range
gain x 200 filter 1 Hz
Min. = 3594 A-D, Max. = 6242 A-D

HDB7-CØ1

Applied Research Associates, Inc.
Sleeve Calibration

03/13/95
1345

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 582 A-D, Max. = 5710 A-D

Measurement Device = Sleeve
 $m = .8375E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2623 A-D, Max. = 5328 A-D

HDB7-C01

Reference Device = RLC(S)
 $m = .4505E+0$ (lbs/A-D)
A-D Channel 5 ± 5 v range
gain x 200 filter 1 Hz
Min. = 582 A-D, Max. = 5710 A-D

Measurement Device = Sleeve
 $m = .8375E+0$ (lbs/A-D)
A-D Channel 1 ± 5 v range
gain x 200 filter 1 Hz
Min. = 2623 A-D, Max. = 5328 A-D

HDB7-CØ1

APPENDIX F

ARA, Inc. – ECP Daily Summary (Version 2.0)

CONE S/N. 128.010

ADDITIONAL MODULE S/N Seismic
A16W, A230 A3 RB

ON SITE CLIENT REP.

	TOTAL \$
<<M DAVEBELLS STUFF LOGS NEW XLS>>	

ARA, Inc. - ECP Daily Summary (Version 2.0)

sleeve 1.426
Tip 1.418

PROJECT# 5961 TECH(S) RBW, JTC

DATE: 9/14/94

CONE S/N. 128.002

ARRIVAL TIME 0830

DEP. TIME 1700

PORE PRES. S/N 79206

ADDITIONAL MODULE S/N A16W, A2B0, A3RB

PRE TEST & POST ZERO				CALIBRATION			FILE NAME	TEST ID	TYPE PUSH	TIMES			# OF SEISMIC	DEPTH (FT.)	GROUT		STDBY TIME	DOWN TIME	START MOVE
ARR TIME	TIP	SLEEVE	PORE PRESS.	SHUNT VALUE	SENS. VOLTS	REF. VOLTS				START	BOTTOM	FINISH			(FT.)	(GAL)			
1115					4.00	4.00	3145401	H-LWP-C	SCPT	1121			2.07 3ft	9.87 158.4					
							402	Continue			158.4 1420	1540							
	38.10	-11.48	877				403	PostZ											1620
ON SITE CLIENT REP.													TOTALS	158.4					

AREA BELOW THIS LINE FOR ARA USE ONLY

INVENTORY ITEMS USED

TIPS
SLEEVES
FILTERS, PIEZO
DISPOSABLE TIPS
SAMPLE CONTAINERS (TUBES, VIALS)
WATER FILTER (FILTER, ORINGS, ETC-SIZE)

EQUIPMENT DAMAGED/LOST

AREA BELOW THIS LINE FOR ARA USE ONLY

REMARKS

0600 - 0800 Get Computer from Columbia, Computer was closed
LAST EVENING
0830 ARRIVE AT TRUCK INSTALL & TEST PC, PUT ON SPARE CONE
1319 ended test - seismic gave unrecoverable error send
down test - H.D. has plenty of room
1545 - 1620 post calcs -
1600 mob to CIP

AREA BELOW THIS LINE FOR ARA USE ONLY

EST. BILLABLES FOR DAY

CPT FT. 158.4
GROUT FT.
SAMPLE TIME
STDBY TIME
ETC.

TOTAL \$

\\M\DAVE\BELL\XLS_STUFF\FLOGS_NEW\XLS

DATE: 9/15/94

CONE S/N. 128.002

DEP.TIME 1930

PORE PRES. S/N 79206

ADDITIONAL MODULE S/N A16w, A2B0, A3R13

ON SITE CLIENT REP.

TOTAL \$	
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Tip 144.20
S/V 144.27

PROJECT# 5961 TECH(S) POW, JTC DATE: 9/19/94 CONE S/N. 128.021
ARRIVAL TIME 0700 DEP. TIME 1930 PORE PRES. S/N 76236 ADDITIONAL MODULE S/N D16W, D2B0, D3RB

PRE TEST & POST ZERO				CALIBRATION																	
ARR TIME	TIP	SLEEVE	PORE PRESS.	SHUNT VALUE	SENS. VOLTS	REF. VOLTS	FILE NAME	TEST ID	TYPE PUSH	TIMES			# OF SEISMIC	DEPTH (FT.)	GROUT		STDBY TIME	DOWN TIME	START MOVE		
										START	BOTTOM	FINISH			(FT.)	(GAL)					
0905					4.00	4.00	3195401	H-CIF-COS	SCP4	9:08	7.083	9:25		23.45							
							402	"	"	930	1052										
							403														
							404			1158	1235										
							405			1222	1233										
	61.32	-8.54	0.019				406		PZ		1255	1330							1420		
1450							408	H-CIF-COS	SCP5	1438	1052										
	765	-3.29	11424				409	" COF	"		1120	1759									
ON SITE CLIENT REP.													TOTALS								

AREA BELOW THIS LINE FOR ARA USE ONLY		AREA BELOW THIS LINE FOR ARA USE ONLY	
INVENTORY ITEMS USED	REMARKS	EST. BILLABLES FOR DAY	
TIPS	0720-0800-Calibrate 0800-0850 WAITING FOR OVERSITE, PIPE WELDERS around Hole need to be cleared out-move to H-CIF-C08 401-no sleeve, pull out, sleeve OK Restarted Recording alternate frequency swave after 27ft 403 HARD Drive full - HARD Drive problems Rebuild 403 corrupted data file. 3195403. BAD IS ORIGINAL FILE which was Bad	CPT FT.	335.1
SLEEVES		GROUT FT.	
FILTERS, PIEZO 2		SAMPLE TIME	
DISPOSABLE TIPS		STDBY TIME	50 min
SAMPLE CONTAINERS (TUBES, VIALS)		ETC.	
WATER FILTER (FILTER, ORINGS, ETC-SIZE)			
EQUIPMENT DAMAGED/LOST		TOTAL \$	

DEL TEST. TIME 18' 20" Done

ARA, Inc. – ECP Daily Summary (Version 2.0)

PROJECT# 5961 TECH(S) Rbw JTC DATE: 9/20/94 CONE S/N. 128.021
ARRIVAL TIME 0700 DEP. TIME 0800 1500 PORE PRES. S/N Same as 9/19 ADDITIONAL MODULE S/N _____

[illegible]

AREA BELOW THIS LINE FOR ARA USE ONLY		AREA BELOW THIS LINE FOR ARA USE ONLY	
INVENTORY ITEMS USED	REMARKS	EST. BILLABLES FOR DAY	
TIPS /	0700-0800 Replot files, calibrate 0800-0950 waiting for oversite 0900-927 hole in difficult spot for setup 1006-1016 HDDrive full clean + rebuild 404 as 405 1257 → 1340 Post Calc. - Call TRIPLETT Mob to late wash & push <u>tomorrow</u>	CPT FT. 144.5	
SLEEVES		GROUT FT.	
FILTERS, PIEZO /		SAMPLE TIME	
DISPOSABLE TIPS		STDBY TIME 50min	
SAMPLE CONTAINERS (TUBES, VIALS)		ETC.	
WATER FILTER (FILTER, ORINGS, ETC-SIZE)			
EQUIPMENT DAMAGED/LOST		TOTAL \$	

«M DAVEBELLES STUFF LOGS NEW XLS»

DATE: 9/23/94

CONE S/N. 125.021

PORE PRES. S/N 76236

ADDITIONAL MODULE S/N D16w, D280, D32B

ON SITE CLIENT REP.

AREA BELOW THIS LINE FOR ARA USE ONLY		AREA BELOW THIS LINE FOR ARA USE ONLY	
INVENTORY ITEMS USED	REMARKS	EST. BILLABLES FOR DAY	
TIPS	0745 - 0800 Done Calibrations waiting for oversite 1200 - Done POST CALS 1245 Move to lake WASH Copy log for D.E. 1300 - 1330 go get barrel can 1300 - 1500 standing to make up S125	CPT FT. 184.9	
SLEEVES		GROUT FT. 184	
FILTERS, PIEZO		SAMPLE TIME	
DISPOSABLE TIPS		STDBY TIME 215 min	
SAMPLE CONTAINERS (TUBES, VIALS)		ETC.	
WATER FILTER (FILTER, ORINGS, ETC - SIZE)			
EQUIPMENT DAMAGED/LOST		TOTAL \$	

[illegible]

INVENTORY ITEMS USED	REMARKS	EST. BILLABLES FOR DAY
TIPS	0715-0740 - Calibrate	CPT FT. 178.8
SLEEVES	0740-0830 waiting for oversite/work package	GROUT FT. 178
FILTERS, PIEZO	50 Grain on Augers is questionable	SAMPLE TIME
DISPOSABLE TIPS	1155-1230 Post Cal, data backup	STDBY TIME 50min
SAMPLE CONTAINERS (TUBES, VIALS)	12:30 Go Get Groutig supplies	ETC.
WATER FILTER (FILTER, ORINGS, ETC-SIZE)	2:40 Finish groutig	
EQUIPMENT DAMAGED/LOST		TOTAL \$

PROJECT# 5961 TECH(S) RLW JTC DATE: 12/19/94 CONE S/N. 128.021
ARRIVAL TIME 0730 DEP. TIME 1630 PORE PRES. S/N 76236 ADDITIONAL MODULE S/N D1FW, D2BB, D3RB

AREA BELOW THIS LINE FOR ARA USE ONLY	AREA BELOW THIS LINE FOR ARA USE ONLY	AREA BELOW THIS LINE FOR ARA USE ONLY
INVENTORY ITEMS USED	REMARKS	EST. BILLABLES FOR DAY
TIPS 1	0700 at 62K 0730 at TRAILOR MEET W/B: TRIP	CPT FT. 81.5
SLEEVES 1	0800 START Budge in, get TLDS, sign RWPS-wait for hole	GROUT FT.
FILTERS, PIEZO 2	clearance - hole is very tight 948 set up	SAMPLE TIME
DISPOSABLE TIPS	1000 Calibrating 1042 Done need to print sleeve cal	STDBY TIME 2 hrs
SAMPLE CONTAINERS (TUBES, VIALS)	1104 - Summing Swaver locked on computer	ETC.
WATER FILTER (FILTER, ORINGS, ETC-SIZE)	40% is now entire file in HTF-007	
EQUIPMENT DAMAGED/LOST	1135 - 1205 Lunch while waiting for HP B35 curves	
	1355 - 1408 post cal	
	1513 - 1527 post cal	
		TOTAL \$

1219/004.158

PROJECT# 596 TECH(S) K6W JTC DATE: 12/30 CONE S/N. 128.021
ARRIVAL TIME 0700 DEP. TIME 1730 PORE PRES. S/N 76236 ADDITIONAL MODULE S/N D16W, D2B2, D3RB

ON SITE CLIENT REP.

1627-1639 Post (2b)
11.58-1737 - Brenon's unknowns (are cats charged as ...?)

ARA, Inc. – ECP Daily Summary (Version 2.0)

PROJECT# 5961 TECH(S) JTC KBW DATE: 12/21/94 CONE S/N. 128.021
ARRIVAL TIME 0700 DEP. TIME 1700 PORE PRES. S/N 76236 ADDITIONAL MODULE S/N D16W, D280, D3 RB

[illegible]

ON SITE CLIENT REP.

AREA BELOW THIS LINE FOR ARA USE ONLY

INVENTORY ITEMS USED

TIPS

SLEEVES

FILTERS, PIEZO

DISPOSABLE TIPS

SAMPLE CONTAINERS (TUBES,VIALS)

WATER FILTER (FILTER, ORINGS, ETC-SIZE)

EQUIPMENT DAMAGED/LOST

AREA BELOW THIS LINE FOR ARA USE ONLY

REMARKS

0700 onsite get work at well House, leave Kentel Ca
0745-807 call. ^{0807 H} ~~bro~~ waiting for oversites 829 on hole 0920 ⁵⁸⁰ stop
1049 Bottom waiting for H.P. 1140-1200 humel while waiting 1240 arrive
1314-1330 - post cal

AREA BELOW THIS LINE FOR ARA USE ONLY

EST. BILLABLES FOR DAY

CPT FL. 104.3

7512
GROUT FT. 417

SAMPLE TIME

STDBY TIME 184 min

ETC.

TOTAL \$

[illegible]TOTAL \$

«M WAVEBELLS STUFFLOGS NEW XLS»

ARA, Inc. – ECP Daily Summary (Version 2.0)

PROJECT# 5961 TECH(S) JTC RBW

DATE: 1/11/95

CONE S/N. 128021

ARRIVALTIME 0700 DEP.TIME 1530

PORE PRES. S/N 72236

ADDITIONAL MODULE S/N D16W, D2B0, D3 RB

[illegible]

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AREA BELOW THIS LINE FOR ARA USE ONLY

AREA BELOW THIS LINE FOR ARA USE ONLY

INVENTORY ITEMS USED		REMARKS	EST. BILLABLES FOR DAY
TIPS	2.0	0740-0940 waiting for get on hole	CPT FT. 15.30 x 144 = 1915.20
SLEEVES	.6	0940-1020 waiting for QC to OK 4 TIPS & SLV.	GROUT FT. 486.72
FILTERS, PIEZO		503 is just for 1 more seismic data array func/no penetration	SAMPLE TIME
DISPOSABLE TIPS		504 was a junk file	STDBY TIME 2.83 x 589.33
SAMPLE CONTAINERS (TUBES, VIALS)		1236-1300 lunch	ETC.
WATER FILTER (FILTER, ORINGS, ETC-SIZE)	10%	10 min standby waiting to get P/H into Rad area for growing	
EQUIPMENT DAMAGED/LOST		HTP-C35 was wrong name changed above and files to C13	
			TOTAL \$ 2991.25

22M DAVEBELLES STUFF LOGS NEW ACS

ARA, Inc. – ECP Daily Summary (Version 2.0)

PROJECT# 5961 TECH(S) JTC Rbw DATE: 1/12/95 CONE S/N. 128.021
ARRIVAL TIME 0700 DEP. TIME 1110 PORE PRES. S/N 76236 ADDITIONAL MODULE S/N D16W D2B D3KB

PRE TEST & POST ZERO				CALIBRATION									# OF SEISMIC	DEPTH (FT.)	GROUT		STDBY TIME	DOWN TIME	START MOVE
ARR TIME	TIP	SLEEVE	PORE PRESS.	SHUNT VALUE	SENS. VOLTS	REF. VOLTS	FILE NAME	TEST ID	TYPE PUSH	TIMES					(FT.)	(GAL)			
										START	BOTTOM	FINISH							
742	1.417	1.425			4.02	4.00	Cal		Cal	743		804							
	1.4	27.9	1.927				3125501	HTF-C14	P/scr	809	833	910	34	38.9			26 min		
	28.9	11.9	1.927				502	Post 0		910		912							
	1.417	1.425					Post Cal			912		926						1010	
1020	1.417	1.425					3125504	HTF-C14	P/scr	1040		1151	34				54 min		
							505	"	"	1225	1446 1326	1519		148.4			80 min		
	75.9	-13.5	1049				506	Post 0		1519		1530							
							Post Cal			1523		1531							
													TOTALS	188.3			110 min		

ON SITE CLIENT REP.

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AREA BELOW THIS LINE FOR ARA USE ONLY

INVENTORY ITEMS USED	REMARKS	EST. BILLABLES FOR DAY
TIPS	14TP-C29 actually C11-charged Data Piles seismic Piles not charged 730-1026 waiting for Hook clearance work package 503 is Dead Pile 1155-1225-lunch 515h-off	CPT FT. 182.3 x 13.30 2504.39
SLEEVES		GROUT FT.
FILTERS, PIEZO 11		SAMPLE TIME
DISPOSABLE TIPS		STDBY TIME 553.28
SAMPLE CONTAINERS (TUBES, VIALS)		ETC.
WATER FILTER (FILTER, ORINGS, ETC-SIZE)		
EQUIPMENT DAMAGED/LOST		
		TOTAL \$ 3037.67

ARA, Inc. – ECP Daily Summary (Version 2.0)

PROJECT# 59101 TECH(S) JTC III KPW

DATE: 1/13/95

CONF S/N 128 021

ARRIVAL TIME 0700 DEP. TIME 1600

PORE PRES. S/N 76236

ADDITIONAL MODULE S/N D16W, D280, D32B

PRE TEST & POST ZERO				CALIBRATION			FILE NAME	TEST ID	TYPE PUSH	TIMES			# OF SEISMIC	DEPTH (FT.)	GROUT		STDBY TIME	DOWN TIME	START MOVE
ARR TIME	TIP	SLEEVE	PORE PRESS.	SHUNT VALUE	SENS. VOLTS	REF. VOLTS				START	BOTTOM	FINISH			(FT.)	(GAL)			
	1.417	1.425			4.01	4.00	Calibration			710		740							
							GROUT			750		826			188	20		827	
8:53							3135501 MMC-C2	M/S CPT		930	102.2	1059	3 ft				2.30		
							502 "	"		1059	110.4	1132		102.6			3.5		
	-7.63	72.23	0.000				503 POST			1132		1132							
							Post Cals.			1134		1145							
							GROUT			1240		1245			162	8		1240	
1325	to	15	30	standby no hole													2.0		
ON SITE CLIENT REP.													TOTALS	102.6	290	28	2.05		

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AREA BELOW THIS LINE FOR ARA USE ONLY

INVENTORY ITEMS USED	REMARKS	EST. BILLABLES FOR DAY
TIPS	853-923 checking on hole - may be tomography hole 12:00-1230 lunch 1325-1400 wait for D. Emory to clear hole - Hole cannot be cleared today - park truck 1410 1320-1530 - STANDBY NO HOLES AVAILABLE - DISCUSS WITH TRIPLET - arrange to have 1.75" cone sent	CPT FT. 1,304.58
SLEEVES		GROUT FT. 980.20
FILTERS, PIEZO /		SAMPLE TIME
DISPOSABLE TIPS		STDBY TIME 572.00
SAMPLE CONTAINERS (TUBES, VIALS)		ETC.
WATER FILTER (FILTER, ORINGS, ETC-SIZE)		
EQUIPMENT DAMAGED/LOST		TOTAL \$ 2916.78

ARA, Inc. -- ECP Daily Summary (Version 2.0)

PROJECT# 5961 TECH(S) JTC RFW DATE: 1/16/95 CONE S/N. 128.021
 ARRIVAL TIME 0700 DEP. TIME 330 PORE PRES. S/N 76236 ADDITIONAL MODULE S/N D16W D2 B0 D3 RB

ARR TIME	PRE TEST & POST ZERO			CALIBRATION			FILE NAME	TEST ID	TYPE PUSH	TIMES			# OF SEISMIC	DEPTH (FT.)	GROUT		STDBY TIME	DOWN TIME	START MOVE
	TIP	SLEEVE	PORE PRESS.	SHUNT VALUE	SENS. VOLTS	REF. VOLTS				START	BOTTOM	FINISH			(FT.)	(GAL)			
	1.417	1.423			4.01	4.00	Calibrate			715		737							
ON SITE CLIENT REP. _____													TOTALS	0	0		8		

AREA BELOW THIS LINE FOR ARA USE ONLY		AREA BELOW THIS LINE FOR ARA USE ONLY		AREA BELOW THIS LINE FOR ARA USE ONLY	
INVENTORY ITEMS USED		REMARKS		EST. BILLABLES FOR DAY	
TIPS SLEEVES FILTERS, PIEZO DISPOSABLE TIPS SAMPLE CONTAINERS (TUBES, VIALS) WATER FILTER (FILTER, ORINGS, ETC--SIZE) EQUIPMENT DAMAGED/LOST		730-330- STANDBY waiting for Note 1530 -7 8.5		CPT FT. GROUT FT. SAMPLE TIME STDBY TIME 1664 ETC. TOTAL \$ 1664	

PROJECT# 5961 TECH(S) JTC JDB RSW DATE: 1/19/95 CONE SN. 125.021
 ARRIVAL TIME 0815 DEPT. TIME 1770 PORE PRES. SN 76336 ADDITIONAL MODULE SN D164 D2280 D3RB

ARR TIME	PRE TEST & POST ZERO		CALIBRATION		FILE NAME	TEST ID	TYPE PUSH	TIMES		# OF SEISMIC	DEPTH (FT.)	GROUT		STDBY TIME	DOWN TIME	START MOVE
	TIP	SLEEVE	PORE PRESS.	SHUNT VALUE	SENS. VOLTS	REF. VOLTS		START	BOTTOM			(FT.)	(GAL)			
9730	1.414	1.425			4.01	4.02		534	1034	203	40.3					0930
		461.70	-12.83				P2	1105	1034	55						
		1.409	1.425					1105	1034							
1150	1.749	1.752						1235								1135
										203						
								1325			99.0					
								1442								
	1.741	1.749						1442	1600		174.131					
	-14	-11	.202				P2	1642								
								1642								
								1705								
TOTALS											214.4					

ON SITE CLIENT REP.

AREA BELOW THIS LINE FOR ARA USE ONLY

REMARKS

AREA BELOW THIS LINE FOR ARA USE ONLY

EST. BILLABLES FOR DAY

CPT FT. 214.4 2851-

GROUT FT.

SAMPLE TIME

STDBY TIME 15 MIN.

ETC.

TOTAL \$ 2955

INVENTORY ITEMS USED

TIPS

SLEEVES

FILTERS, PIEZO

DISPOSABLE TIPS

SAMPLE CONTAINERS (TUBES, VIALS)

WATER FILTER (FILTER, ORINGS ETC-SIZE)

EQUIPMENT DAMAGED/LOST

0700 - 0800 - Get Red Backpacks move to Truck

0800 - 1000 waiting for crane to move 1044 - 1054 HP

1100 - 1200 time we had 170025 setting 1.75 cone

1320 Run 407 TO CHANGE COMPUTATION TO SLOW SPEED ON 503

GO 0877 AND COMB BACK IN AS FILE 504

1440 DATA ARRAY 28% SAVING DOWN

1442 SAMS NOTE AS 1320 TIME

345507 BAD FILE

1705 COPY FILE ON TO BURN LEFT RIG ON NDL

PROJECT# 5461 TECH(S) JTC JDB DATE: 1-20-95 CONE S/N. 12P, 621
ARRIVAL TIME: 0700 DEP. TIME 1930 PORE PRES. S/N 76236 ADDITIONAL MODULE S/N D1GW, D2BO D3RB

AREA BELOW THIS LINE FOR ARA USE ONLY		AREA BELOW THIS
INVENTORY ITEMS USED	REMARKS	
TIPS	<p>FILE 506 FORGIV TO PUT COMPUTER</p> <p>GROUT TOTAL ALSO INCLUDES HU</p> <p>WHICH WENT TO 174'</p> <p>HOLE WTF-C8 WAS NOT GROUTED, DRILLERS ARE</p> <p>GOING TO AUGER HOLE.</p>	<p>WILSON DOWS A/C</p> <p>GET 1.96 HRS</p> <p>d1b</p> <p>TIME</p> <p>ME 1.96 409.07</p> <p>TOTAL \$ 2863.02</p>
SLEEVES		<p>10/1/8 1559.37</p> <p>11.253 855.58</p>
FILTERS, PIEZO -111		
DISPOSABLE TIPS		
SAMPLE CONTAINERS (TUBES, VIALS)		
WATER FILTER (FILTER, ORINGS, ETC-SIZE)		
EQUIPMENT DAMAGED/LOST		

PROJECT# 5961 TECH(S) JTC JDB

DATE: 1-23-75

CONE S/N. ~~128,021~~ 108,010

ARRIVAL TIME 0700 DEP. TIME 1400

PORE PRES. S/N

~~76236~~ 79208

ADDITIONAL MODULE S/N

$$\frac{D1GW, D2BS, D3LB}{1.44} \quad 1.75 \quad C1GW, C2BS, C3RB$$
[illegible]

ON SITE CLIENT REP.

TOTALS

AREA BELOW THIS LINE FOR ARA USE ONLY

AREA BELOW THIS LINE FOR ARA USE ONLY

AREA BELOW THIS LINE FOR ARA USE ONLY

INVENTORY ITEMS USED

REMARKS

EST. BILLABLES FOR DAY	
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TIPS

SLEEVES

FILTERS: PIEZO

DISPOSABLE TIPS

SAMPLE CONTAINERS (TUBES, VIALS)

WATER FILTER (FILTER, ORINGS, ETC-SIZE)

EQUIPMENT DAMAGED/LOST

NO WORK DONE RAIN OUT

CPT FT.

GROUT FT.

SAMPLE TIME

STDBY TIME

ETC.

TOTAL \$

ARA, Inc. - ECP Daily Summary (Version 2.0)

PROJECT# 5761 TECH(S) JTC JDB DATE: 1-24-95 CONE S/N. 108.010

ARRIVAL TIME 0700 DEPT. TIME 1830 PORE PRES. S/N 79208 ADDITIONAL MODULE S/N C16W, C20B, C3RB

ON SITE CLIENT REP. _____

<<M DAVEBELLOCS STUFF LOGS NEW XLS>>

ARA, Inc. – ECP Daily Summary (Version 2.0)

PROJECT# 5761 TECH(S)

DATE: 1-25-98

CONE S/N. 108.010

ARRIVAL TIME 0730 DEP. TIME 1630

PORE PRES. S/N 79208

ADDITIONAL MODULE S/N C1GW, C20B, C3KB

[illegible]

AREA BELOW THIS LINE FOR ARA USE ONLY

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INVENTORY ITEMS USED	REMARKS	EST. BILLABLES FOR DAY
TIPS 175	0700	CPT FT. 141' 1875
SLEEVES	501 - DATA ARRAY 30% SAVING	GROUT FT. 440.5 1489
FILTERS, PIEZO	GROUT HOLD 214' - 45 GAL	SAMPLE TIME
DISPOSABLE TIPS	41' - 10 GAL	STDBY TIME 1.2 843
SAMPLE CONTAINERS (TUBES, VIALS)	10	ETC.
WATER FILTER (FILTER, ORINGS, ETC-SIZE)		
EQUIPMENT DAMAGED/LOST		
		APPROX 3607
		TOTAL \$

PROJECT# 5961 TECH(S) JTC JDB

1-26-95

108.010

DEP.TIME

1530

_PORE PRES. S/N

79208

ADDITIONAL MODULE S/N

C1GW, C20B, C3RB

ON SITE CLIENT REP.

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INVENTORY ITEMS USED

TIPS

SLEEVES:

FILTERS, PIEZO

DISPOSABLE TIPS

SAMPLE CONTAINERS (TUBES, VIALS)

WATER FILTER (FILTER, ORINGS, ETC-SIZE)

EQUIPMENT DAMAGED/LOST

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REMARKS

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EST. BILLABLES FOR DAY	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

CPT FT. 142 : 1888

GROUT FT. 186 629

SAMPLE TIME

STDBY TIME 125- 364

ETC.

7851

TOTAL \$ 2001

ES_STUFF\LOGS_NEW\MS>>

«M DAVEBELLO'S STUFF LOGS NEW XLS»

ARA, Inc. - ECP Daily Summary (Version 2.0)

PROJECT# 5961 TECH(S) JTC JDB DATE: 1-27-95 CONE S/N. 108.010
 ARRIVAL TIME 0701 DEP. TIME 1530 PORE PRES. S/N 79208 ADDITIONAL MODULE S/N C16W, C20B, C32B

PRE TEST & POST ZERO				CALIBRATION			FILE NAME	TEST ID	TYPE PUSH	TIMES			# OF SEISMIC	DEPTH (FT.)	GROUT		STDBY TIME	DOWN TIME	START MOVE
ARR TIME	TIP	SLEEVE	PORE PRESS.	SHUNT VALUE	SENS. VOLTS	REF. VOLTS				START	BOTTOM	FINISH			(FT.)	(GAL)			
0	1.744	1.746			4.00	4.00	327501	HTF-C5	S/P CPT	0835	0945			111.016			130		
	1.735	1.741					502	HTF-C5	S/P	0948	1040			159.017					
	-20	-18	-.654				503	HTF-C5	S/P	1042	1135	1345		212.000	212	40			
					4.00	4.00	504	" "	P2	1345		1350					125		1520
ON SITE CLIENT REP. _____													TOTALS	212.0	212	40			

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INVENTORY ITEMS USED
TIPS <u>1.75-1</u>
SLEEVES <u>1.75-1</u>
FILTERS, PIEZO <u>1.75-1</u>
DISPOSABLE TIPS
SAMPLE CONTAINERS (TUBES, VIALS)
WATER FILTER (FILTER, ORINGS, ETC--SIZE)
EQUIPMENT DAMAGED/LOST

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REMARKS
501 - DATA ARRAY FIRST SEISMIC AT 48'
502 DATA ARRAY LOTS OF CYCLING
503 REFUSAL LAST SEISMIC AT 212'

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EST. BILLABLES FOR DAY
CPT FT. <u>167</u> <u>2221</u>
GROUT FT. <u>212</u> <u>716</u>
SAMPLE TIME
STDBY TIME <u>.92</u> <u>191</u>
ETC.
<u># 3128</u>
TOTAL

«WAVEBELLS STUFFLOGS NEW XLS»

JTC JDB

DATE:

1-31-95

CONE S/N.

108.010

ARRIVAL TIME

0700

DEP.TIME

PORE PRES. S/N

79208

ADDITIONAL MODULE S/N

C1GW, C20B C3RB

PRE TEST & POST ZERO			CALIBRATION																	
ARR TIME	TIP	SLEEVE	PORE PRESS.	SHUNT VALUE	SENS. VOLTS	REF. VOLTS	FILE NAME	TEST ID	TYPE PUSH	TIMES			# OF SEISMIC	DEPTH (FT.)	GROUT		STDBY TIME	DOWN TIME	START MOVE	
										START	BOTTOM	FINISH			(FT.)	(GAL)				
0911	1749	1750			3.99	3.99	331J501	HTF-C18	P-S- CPT	0925		1040		96.0			150			
	1748	1750					331J502	" "	P-S- CPT	1043	1105 1102	1127		114.673	8					
	LEFT IN FAST MODE						503	" "	PZ	1130										
	3267	2092	1419		3.98	3.98	504	" "	PZ	1132		1133							1510	
							TALK WITH B.T. (VARRICK)			1315	107415			114.673	1.0					
ON SITE CLIENT REP. <u>WRA 1-31-95</u>													TOTALS	114.67						

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AREA BELOW THIS LINE FOR ARA USE ONLY

INVENTORY ITEMS USED		AREA BELOW THIS LINE FOR ARA USE ONLY	AREA BELOW THIS LINE FOR ARA USE ONLY
TIPS		REMARKS	EST. BILLABLES FOR DAY
SLEEVES		501 - DATA ARRAY FULL	114.67
FILTERS, PIEZO	1.75-1	502 - RPTAL	-7
DISPOSABLE TIPS		503 - LEFT COMPUTER IN FAST MODE	111.67
SAMPLE CONTAINERS (TUBES, VIALS)			CPT FT. 111.67
WATER FILTER (FILTER, ORINGS, ETC-SIZE)			GROUT FT.
EQUIPMENT DAMAGED/LOST			SAMPLE TIME
			STDBY TIME 1.3
			ETC.
		WRT 1-31-95	
		TREMBLE GROUTED 10 gallons approximate	
			TOTAL \$

PROJECT# 5961 TECH(S) JTC JDB DATE: 2-1-95 CONE S/N. 108.010
ARRIVAL TIME 0707 DEP. TIME 1700 PORE PRES. S/N 79208 ADDITIONAL MODULE S/N C1GW, C20B, C3RB

ON SITE CLIENT REP. WRA 2/1/95

<<M DAVEBELLMCS STUFFLOGS NEW XDS>>

ARA, Inc. - ECP Daily Summary (Version 2.0)

PROJECT# 5961 TECH(S) JTC JDB DATE: 2-2-95 CONE S/N. 108.016
 ARRIVAL TIME 0710 DEP. TIME 1330 PORE PRES. S/N 79208 ADDITIONAL MODULE S/N C16W, C20B, C32B

PRE TEST & POST ZERO			CALIBRATION				FILE NAME	TEST ID	TYPE PUSH	TIMES			# OF SEISMIC	DEPTH (FT.)	GROUT		STDBY TIME	DOWN TIME	START MOVE
ARR TIME	TIP	SLEEVE	PORE PRESS.	SHUNT VALUE	SENS. VOLTS	REF. VOLTS				START	BOTTOM	FINISH			(FT.)	(GAL)			
1345	1.748	1.750			2.99	3.99	302F501	HTF-CM	P.CPT	1152		1014	/	121.67					
							502	" "	P.CPT				/						
							503	" "	"	1010	1053	1122	/	134.3					
COMPUTER ON HIGH SPEED							504	" "	PZ	1123			/						
	14.86	21.06	1041		3.98	3.98	505	" "	PZ	1124		1127	/		14	14			1315
	1.746	1.750																	
ON SITE CLIENT REP. <u>WRA 7-2-95</u>														TOTALS	134.8	14			

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INVENTORY ITEMS USED
TIPS
SLEEVES
FILTERS, PIEZO
DISPOSABLE TIPS
SAMPLE CONTAINERS (TUBES, VIALS)
WATER FILTER (FILTER, ORINGS, ETC-SIZE)
EQUIPMENT DAMAGED/LOST

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REMARKS
501 - DATA MEMORY FULL - ERROR 113
502 - READ WRONG FILE INTO FILE
1129 - POST CHLS BEGIN, 1145 POST CHLS DONE
NOTE: CASING 6'
Tremie grouted 14 gallons WRA 2-2-95

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EST. BILLABLES FOR DAY
CPT FT. 134.8
GROUT FT.
SAMPLE TIME
STDBY TIME
ETC.
TOTAL \$

ARA, Inc. – ECP Daily Summary (Version 2.0)

PROJECT# 596/ TECH(S) JTC JDB

DATE: 2-3-95

CONE S/N. 108,010

ARRIVAL TIME 0700 DEP. TIME 1730

PORE PRES. S/N 79208

ADDITIONAL MODULE S/N C1GW, C20B, C3RB

PRE TEST & POST ZERO																				
ARR TIME	TIP	SLEEVE	PORE PRESS.	SHUNT VALUE	SENS.	REF.	FILE NAME	TEST ID	TYPE PUSH	TIMES			# OF SEISMIC	DEPTH (FT.)	GROUT		STDBY TIME	DOWN TIME	START MOVE	
					VOLTS	VOLTS				START	BOTTOM	FINISH			(FT.)	(GAL)				
0853	1.746	1.750			4.00	4.00	303F501	H-LWF-C8	PPT	0917	1030			170.678			80 min			
	1.741	1.748			3.99	3.99	502	" " "	"	1035	1050	1130		177.632	8					
	-2.94	2.54	.528				503	" " "	PZ	1130		1135							1710	
							504	H-LWF-C10	PPT	1070										
1320	1.750	1.751			3.99	3.99	504	H-LWF-C10	PPT	1342		1457		177.36						
+1820	0976						505	H-LWF-C10	PCPT	1457	1553	1629		162.083	20					
	WAS IN H/H/S4 SPEED				3.97	3.97	506	H-LWF-C10	PZ	1630				187.363						
	2.97	2.86	.1327		↓	↓	507	H-LWF-C10	PZ	1633		1635							1730	
	1.744	1.750																		
ON SITE CLIENT REP.													TOTALS	3164.995						

ON SITE CLIENT REP.

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INVENTORY ITEMS USED		REMARKS	EST. BILLABLES FOR DAY
TIPS		501 DATA ARRAY 50%	CPT FT. 358
SLEEVES		564 DATA ARRAY 50%	GROUT FT.
FILTERS, PIEZO			SAMPLE TIME
DISPOSABLE TIPS			STDBY TIME
SAMPLE CONTAINERS (TUBES, VIALS)			ETC.
WATER FILTER (FILTER, ORINGS, ETC-SIZE)			
EQUIPMENT DAMAGED/LOST			
			TOTAL \$

«M WAVEBELLOES STUFF LOGS NEW XLS»

ARA, Inc. – ECP Daily Summary (Version 2.0)

PROJECT# 5961 TECH(S) ITC DLT

DATE: 2-23-95

CONE S/N. 128,021

ARRIVAL TIME 0700 DEP. TIME 1730

PORE PRES. S/N 76236

ADDITIONAL MODULE S/N D16W, D280, D3RB

PRE TEST & POST ZERO				CALIBRATION									TIMES			# OF SEISMIC	DEPTH (FT.)	GROUT		STDBY TIME	DOWN TIME	START MOVE
ARR TIME	TIP	SLEEVE	PORE PRESS.	SHUNT VALUE	SENS. VOLTS	REF. VOLTS	FILE NAME	TEST ID	TYPE PUSH	START	BOTTOM	FINISH	(FT.)	(GAL)								
1015	1.421	1.427			4.00	4.00	323F501	NTP-C12	S/P GPT	1255	1325	1400		39.9								
							502	" "	S/P GPT	1300	1335	1400		39.9								
	22	-11	13				503	" "	P2	1400		1404										
	1.420	1.427					504	" "	GROUT	1525	1535			40.0								
ON SITE CLIENT REP. <u>WOOD</u>													TOTALS									

ON SITE CLIENT REP. WOODS

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INVENTORY ITEMS USED		REMARKS	EST. BILLABLES FOR DAY
TIPS - DISPOSABLE -1 SLEEVES FILTERS, PIEZO -1 DISPOSABLE TIPS -1 SAMPLE CONTAINERS (TUBES, VIALS) WATER FILTER, (FILTER, ORINGS, ETC - SIZE)		501 - 6' CASING PLUSHED TURBO BUTTON IN WHILE TRYING TO SET SEISMIC GAIN COMPUTER REBOOTED 504 TYPE OF PUS, GROUT, SETTING UP FILE DUBLY SAY ANYTHING ABOUT GROUTING, USING WATER SAMPLE	CPT FT. GROUT FT. SAMPLE TIME STDBY TIME ETC.
EQUIPMENT DAMAGED/LOST - 0 -			TOTAL \$

TOTALS
22M.DAVEBELLOWS STOFFVOGS NEWALLES

PROJECT# 5961 TECH(S) JTC DLC

DATE: 2-27-95

CONC S/N. 108.012

ARRIVAL TIME 0835

DEP.TIME 1720

PORE PRES. S/N 76238

ADDITIONAL MODULE S/N DIGW, D2B0 D3RB

PRE TEST & POST ZERO				CALIBRATION						TIMES			# OF SEISMIC	DEPTH (FT.)	GROUT		STDBY TIME	DOWN TIME	START MOVE
ARR TIME	TIP	SLEEVE	PORE PRESS.	SHUNT VALUE	SENS. VOLTS	REF. VOLTS	FILE NAME	TEST ID	TYPE PUSH	START	BOTTOM	FINISH			(FT.)	(GAL)			
0835	1741	1750			4.00	4.00	329F501	H244-C2	P/S CFT	0933	11.10		8	78.0					
							502	" "	"	1115	12.30		33	129.00					
							503	" "	"	1231	12.55	1425	11	161.4		15			
	28	-70	.88		3.99	3.99	504	" "	P2	1426		1429							1545
	1735	1749																	
						</													

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INVENTORY ITEMS USED		REMARKS	EST. BILLABLES FOR DAY
TIPS		501 - 6' OF PVC CASING ON ASPHALT SURFACE	CPT FT. 161.4
SLEEVES		501 - 110 TIME DATA ARRAY 369. START NEW FILE 9:30	GROUT FT.
FILTERS, PIEZO		502 DATA ARRAY 299% SEISMICS 33-129	SAMPLE TIME
DISPOSABLE TIPS		503 SEISMICS 132-161.4	STDBY TIME 1.25
SAMPLE CONTAINERS (TUBES, VIALS)		NOTE: 55' OF PVC WENT INTO HOLE, HAD TO PULL	ETC.
WATER FILTER (FILTER, ORINGS, ETC-SIZE)		BACK TO 50' TO START GROUTING	
EQUIPMENT DAMAGED/LOST			TOTAL \$

4 TOTAL \$
 <<M WAVEBELLS STUFF LOGS NEW ALB>>

ARA, Inc. — ECP Daily Summary (Version 2.0)

PROJECT# 5961 TECH(S) JTC DLC DATE: 3-13-95 CONE S/N. 108.012

ARRIVAL TIME 0600 DEP. TIME 1600 PORE PRES. S/N 76238 ADDITIONAL MODULE S/N D1GW, D2B0, D3RB

ARRIVAL TIME 0606 DEP. TIME 1600 : PORE PRES. S/N 76238 ADDITIONAL MODULE S/N D1GW, D2B0, D3RB

[illegible]

ON SITE CLIENT REP. PAUL BROWN

TOTALS	40	40	100		
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AREA BELOW THIS LINE FOR ARA USE ONLY	AREA BELOW THIS LINE FOR ARA USE ONLY	AREA BELOW THIS LINE FOR ARA USE ONLY
INVENTORY ITEMS USED	REMARKS	EST. BILLABLES FOR DAY
TIPS SLEEVES FILTERS, PIEZO DISPOSABLE TIPS SAMPLE CONTAINERS (TUBES, VIALS) WATER FILTER (FILTER, ORINGS, ETC-SIZE) EQUIPMENT DAMAGED/LOST <div style="text-align: center; font-size: 2em;">-0-</div>	501 - CASING DOWN TO 6' SEPTIMICS START 9' END 46' SO 3 USED REASON TO GRWT AS WATER-SAMPLE	CPT FT. 40 GROUT FT. 40 SAMPLE TIME STDBY TIME 5 HR 10 MIN ETC. TOTAL \$