Shear Wave Velocity Calculations

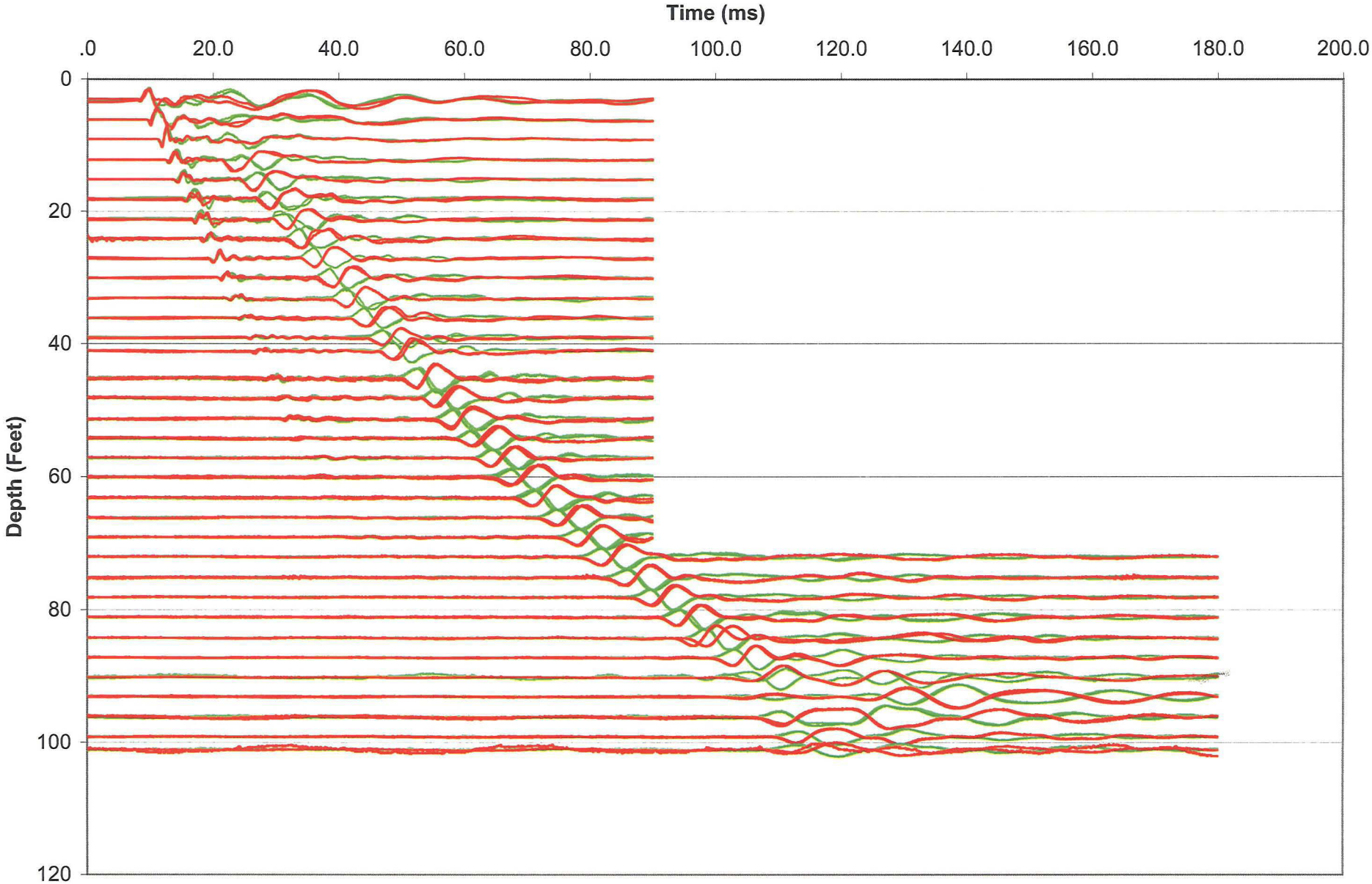
PLANT VOGTLE
AUGUSTA, GA

Geophone Offset: 0.66 Feet
Source Offset: 9.17 Feet

C-3003S

Test Depth (Feet)	Geophone Depth (Feet)	Waveform Ray Path (Feet)	Incremental Distance (Feet)	Characteristic Arrival Time (ms)	Incremental Time Interval (ms)	Interval Velocity (Ft/Sec)	Interval Depth (Feet)
3.12	2.46	9.49	9.49	14.5000			
6.07	5.41	10.65	1.15	16.3000	1.8000	640.7	3.93
9.02	8.36	12.41	1.76	18.9500	2.6500	665.5	6.89
12.14	11.48	14.69	2.28	22.6000	3.6500	625.1	9.92
15.09	14.43	17.10	2.41	26.8000	4.2000	573.0	12.96
18.04	17.38	19.65	2.56	30.6000	3.8000	672.7	15.91
21.16	20.50	22.46	2.80	34.0500	3.4500	812.7	18.94
24.11	23.45	25.18	2.72	38.0500	4.0000	681.1	21.98
27.07	26.41	27.95	2.77	41.1500	3.1000	893.8	24.93
30.02	29.36	30.76	2.80	44.5000	3.3500	837.2	27.88
33.14	32.48	33.75	2.99	47.6500	3.1500	948.5	30.92
36.09	35.43	36.60	2.85	50.9500	3.3000	863.8	33.95
39.04	38.38	39.46	2.87	53.9500	3.0000	955.2	36.91
42.16	41.50	42.50	3.04	57.7000	3.7500	810.0	39.94
45.11	44.45	45.39	2.89	60.9500	3.2500	888.5	42.98
48.06	47.40	48.28	2.90	65.1500	4.2000	689.4	45.93
51.02	50.36	51.19	2.90	68.5500	3.4000	853.6	48.88
54.13	53.47	54.25	3.07	72.2500	3.7000	829.5	51.92
57.09	56.43	57.17	2.91	75.3000	3.0500	954.9	54.95
60.04	59.38	60.08	2.92	78.5500	3.2500	897.3	57.90
63.16	62.50	63.17	3.08	82.2000	3.6500	844.4	60.94
66.11	65.45	66.09	2.92	85.9000	3.7000	790.0	63.97
69.23	68.57	69.18	3.09	88.3500	2.4500	1260.4	67.01
72.01	71.35	71.94	2.77	89.5000	1.1500	2404.4	69.96
75.13	74.47	75.03	3.09	91.4500	1.9500	1585.9	72.91
78.08	77.42	77.96	2.93	93.8000	2.3500	1247.4	75.95
81.20	80.54	81.06	3.10	95.6500	1.8500	1673.5	78.98
82.02	81.36	81.88	0.81	96.0000	0.3500	2328.6	80.95

Waveforms for Sounding c-3005S



Shear Wave Velocity Calculations

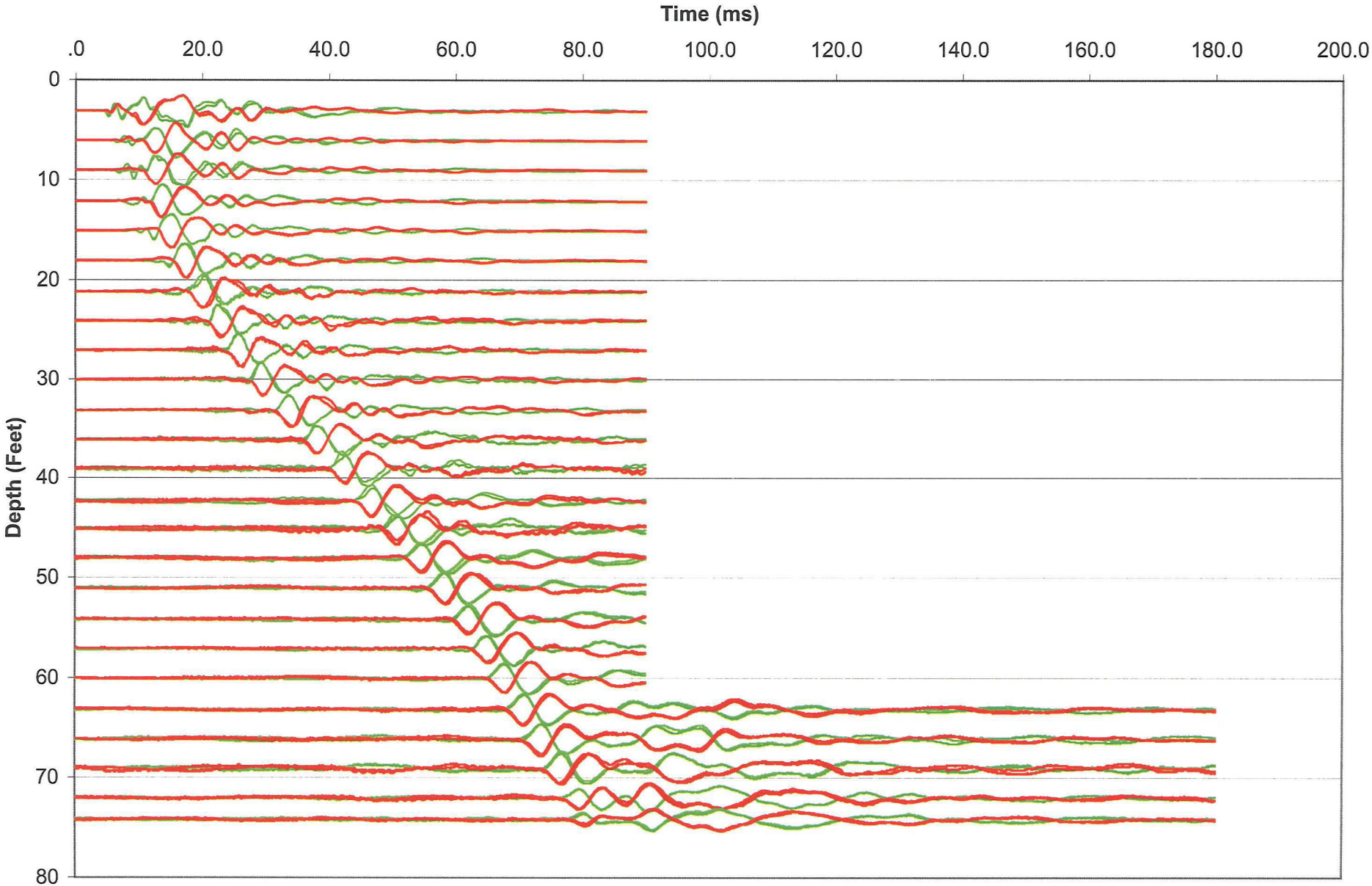
PLANT VOGTLE
AUGUSTA, GA

Geophone Offset: 0.66 Feet
Source Offset: 9.17 Feet

C-3005S

Test Depth (Feet)	Geophone Depth (Feet)	Waveform Ray Path (Feet)	Incremental Distance (Feet)	Characteristic Arrival Time (ms)	Incremental Time Interval (ms)	Interval Velocity (Ft/Sec)	Interval Depth (Feet)
3.12	2.46	9.49	9.49				
6.07	5.41	10.65	1.15	20.3000			3.93
9.02	8.36	12.41	1.76	24.0500	3.7500	470.3	6.89
12.14	11.48	14.69	2.28	26.0000	1.9500	1170.1	9.92
15.09	14.43	17.10	2.41	28.5000	2.5000	962.6	12.96
18.04	17.38	19.65	2.56	30.3500	1.8500	1381.7	15.91
21.16	20.50	22.46	2.80	32.9000	2.5500	1099.6	18.94
24.11	23.45	25.18	2.72	35.0000	2.1000	1297.3	21.98
27.07	26.41	27.95	2.77	37.4000	2.4000	1154.5	24.93
30.02	29.36	30.76	2.80	39.9500	2.5500	1099.8	27.88
33.14	32.48	33.75	2.99	42.6500	2.7000	1106.6	30.92
36.09	35.43	36.60	2.85	45.5000	2.8500	1000.2	33.95
39.04	38.38	39.46	2.87	48.4500	2.9500	971.4	36.91
41.01	40.35	41.38	1.92	50.0000	1.5500	1236.9	39.37
45.11	44.45	45.39	4.01	53.9500	3.9500	1014.7	42.40
48.06	47.40	48.28	2.90	56.9500	3.0000	965.2	45.93
51.18	50.52	51.35	3.06	59.6000	2.6500	1156.0	48.96
54.13	53.47	54.25	2.91	62.6000	3.0000	969.3	52.00
57.09	56.43	57.17	2.91	66.1000	3.5000	832.1	54.95
60.04	59.38	60.08	2.92	69.0000	2.9000	1005.6	57.90
63.16	62.50	63.17	3.08	72.7000	3.7000	833.0	60.94
66.11	65.45	66.09	2.92	76.3500	3.6500	800.8	63.97
69.06	68.40	69.01	2.93	79.7500	3.4000	860.4	66.93
72.01	71.35	71.94	2.93	83.5500	3.8000	770.4	69.88
75.13	74.47	75.03	3.09	87.6000	4.0500	763.6	72.91
78.08	77.42	77.96	2.93	91.2500	3.6500	803.1	75.95
81.04	80.38	80.90	2.93	95.6500	4.4000	666.6	78.90
84.15	83.49	84.00	3.10	100.2000	4.5500	680.8	81.93
87.11	86.45	86.93	2.94	104.5500	4.3500	674.9	84.97
90.06	89.40	89.87	2.94	108.0500	3.5000	839.1	87.92
93.01	92.35	92.81	2.94				90.88
96.13	95.47	95.91	3.10	113.0000			93.91
99.08	98.42	98.85	2.94	115.5000	2.5000	1175.9	96.94
101.05	100.39	100.81	1.96	115.7500	0.2500	7840.7	99.41

Waveforms for Sounding c-4001s



Shear Wave Velocity Calculations

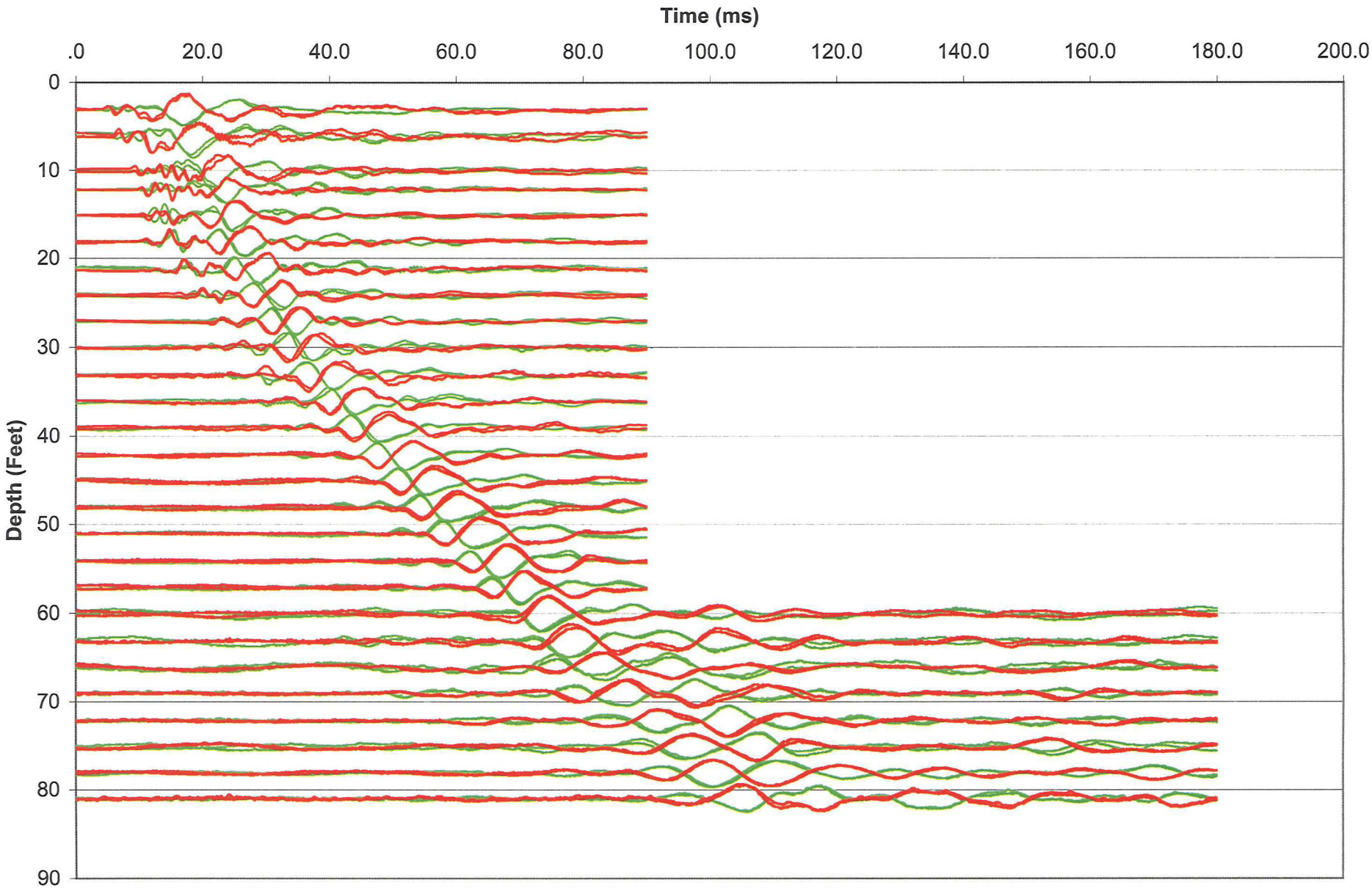
PLANT VOGTLE
AUGUSTA, GA

Geophone Offset: 0.66 Feet
Source Offset: 9.17 Feet

c-4001s

Test Depth (Feet)	Geophone Depth (Feet)	Waveform Ray Path (Feet)	Incremental Distance (Feet)	Characteristic Arrival Time (ms)	Incremental Time Interval (ms)	Interval Velocity (Ft/Sec)	Interval Depth (Feet)
3.12	2.46	9.49	9.49	12.3000			
6.07	5.41	10.65	1.15	14.0000	1.7000	678.4	3.93
9.02	8.36	12.41	1.76	14.6500	0.6500	2713.3	6.89
12.14	11.48	14.69	2.28	15.2500	0.6000	3802.9	9.92
15.09	14.43	17.10	2.41	16.9000	1.6500	1458.6	12.96
18.04	17.38	19.65	2.56	19.2500	2.3500	1087.7	15.91
21.16	20.50	22.46	2.80	21.7500	2.5000	1121.6	18.94
24.11	23.45	25.18	2.72	24.8500	3.1000	878.8	21.98
27.07	26.41	27.95	2.77	27.3500	2.5000	1108.3	24.93
30.02	29.36	30.76	2.80	31.1500	3.8000	738.1	27.88
33.14	32.48	33.75	2.99	35.6000	4.4500	671.4	30.92
36.09	35.43	36.60	2.85	39.8000	4.2000	678.7	33.95
39.04	38.38	39.46	2.87	44.1500	4.3500	658.7	36.91
42.32	41.66	42.66	3.20	48.6000	4.4500	718.6	40.02
45.11	44.45	45.39	2.73	52.6500	4.0500	673.5	43.06
48.06	47.40	48.28	2.90	56.3500	3.7000	782.6	45.93
51.02	50.36	51.19	2.90	59.9000	3.5500	817.5	48.88
54.13	53.47	54.25	3.07	64.0500	4.1500	739.6	51.92
57.09	56.43	57.17	2.91	66.9500	2.9000	1004.3	54.95
60.04	59.38	60.08	2.92	69.4000	2.4500	1190.4	57.90
63.16	62.50	63.17	3.08	72.6000	3.2000	963.1	60.94
66.11	65.45	66.09	2.92	75.3500	2.7500	1062.9	63.97
69.06	68.40	69.01	2.93	78.5500	3.2000	914.2	66.93
72.01	71.35	71.94	2.93	81.2000	2.6500	1104.8	69.88
74.15	73.49	74.06	2.12	81.8000	0.6000	3526.1	72.42

Waveforms for Sounding c-4002s



Shear Wave Velocity Calculations

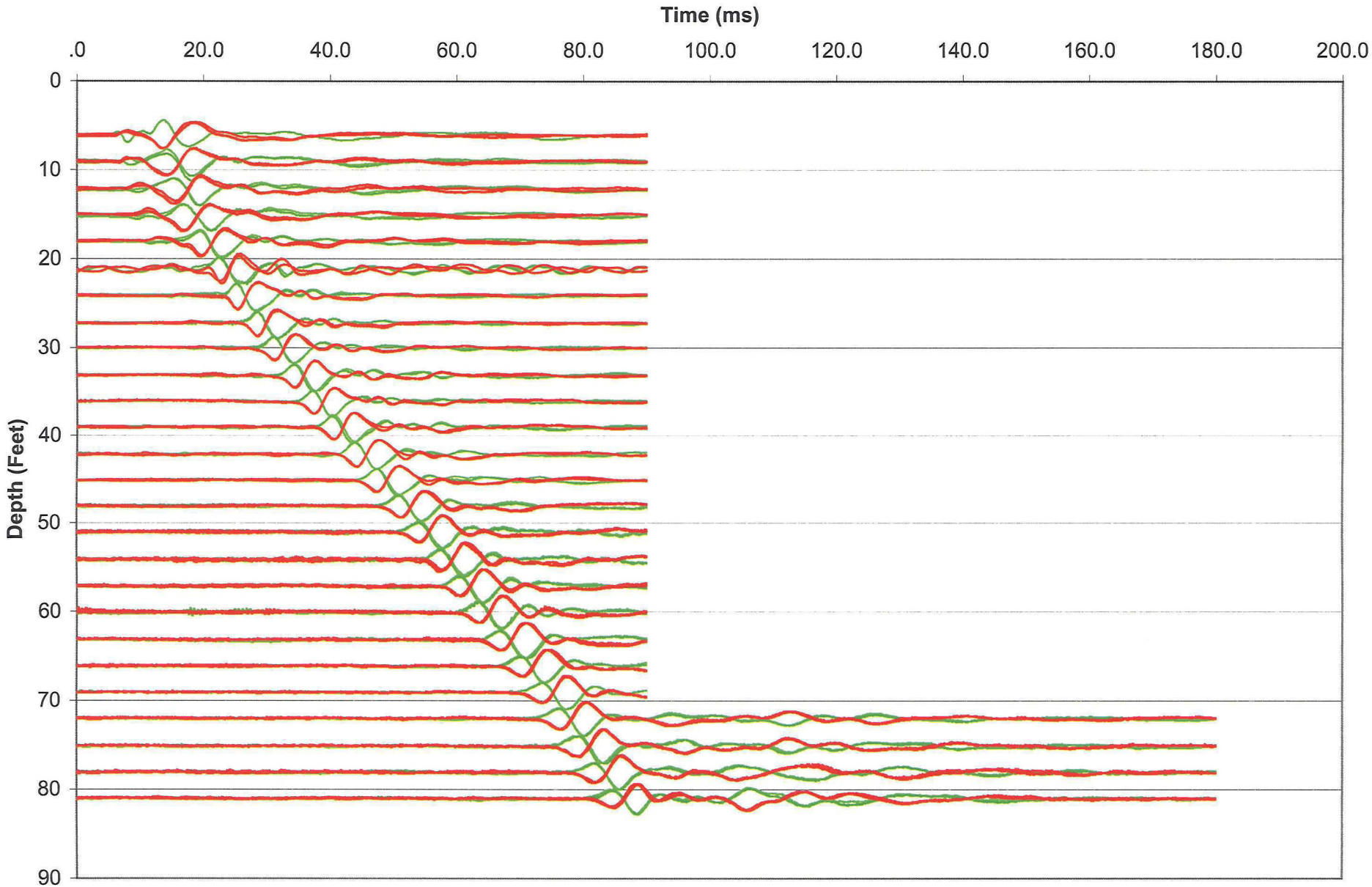
PLANT VOGTLE
AUGUSTA, GA

Geophone Offset: 0.66 Feet
Source Offset: 9.17 Feet

c-4002s

Test Depth (Feet)	Geophone Depth (Feet)	Waveform Ray Path (Feet)	Incremental Distance (Feet)	Characteristic Arrival Time (ms)	Incremental Time Interval (ms)	Interval Velocity (Ft/Sec)	Interval Depth (Feet)
3.12	2.46	9.49	9.49	13.7500			
6.07	5.41	10.65	1.15	15.8000	2.0500	562.6	3.93
10.01	9.35	13.09	2.45	19.6000	3.8000	644.0	7.38
12.14	11.48	14.69	1.60	21.5500	1.9500	819.7	10.41
15.09	14.43	17.10	2.41	22.9000	1.3500	1782.7	12.96
18.04	17.38	19.65	2.56	24.3000	1.4000	1825.8	15.91
21.16	20.50	22.46	2.80	26.4000	2.1000	1335.2	18.94
24.11	23.45	25.18	2.72	30.1000	3.7000	736.3	21.98
27.07	26.41	27.95	2.77	32.7000	2.6000	1065.7	24.93
30.02	29.36	30.76	2.80	35.4500	2.7500	1019.9	27.88
33.14	32.48	33.75	2.99	38.5500	3.1000	963.8	30.92
36.09	35.43	36.60	2.85	41.9000	3.3500	850.9	33.95
39.04	38.38	39.46	2.87	45.7000	3.8000	754.1	36.91
42.16	41.50	42.50	3.04	49.8000	4.1000	740.9	39.94
45.11	44.45	45.39	2.89	53.1000	3.3000	875.0	42.98
48.06	47.40	48.28	2.90	56.4500	3.3500	864.3	45.93
51.02	50.36	51.19	2.90	60.1500	3.7000	784.3	48.88
54.13	53.47	54.25	3.07	64.3500	4.2000	730.8	51.92
57.09	56.43	57.17	2.91	67.6500	3.3000	882.6	54.95
60.04	59.38	60.08	2.92	70.6000	2.9500	988.6	57.90
63.16	62.50	63.17	3.08	74.3500	3.7500	821.9	60.94
66.11	65.45	66.09	2.92	78.1500	3.8000	769.2	63.97
69.06	68.40	69.01	2.93	81.7500	3.6000	812.6	66.93
72.18	71.52	72.10	3.09	87.8500	6.1000	506.6	69.96
75.13	74.47	75.03	2.93	91.9500	4.1000	714.6	72.99
78.08	77.42	77.96	2.93	95.7500	3.8000	771.4	75.95
81.04	80.38	80.90	2.93	99.6500	3.9000	752.1	78.90

Waveforms for Sounding c-4003s



Shear Wave Velocity Calculations

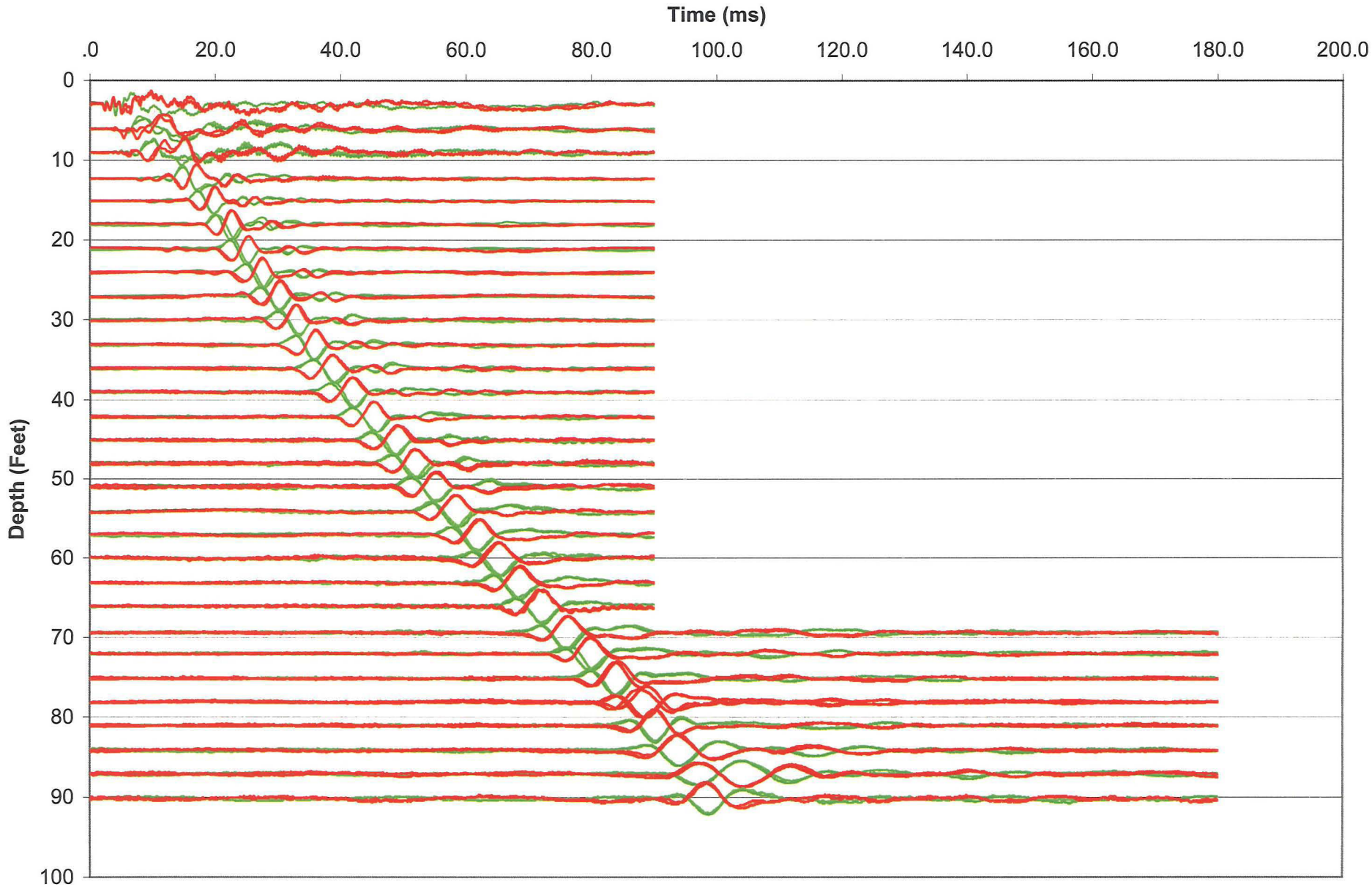
PLANT VOGTLE
AUGUSTA, GA

Geophone Offset: 0.66 Feet
Source Offset: 9.17 Feet

c-4003s

Test Depth (Feet)	Geophone Depth (Feet)	Waveform Ray Path (Feet)	Incremental Distance (Feet)	Characteristic Arrival Time (ms)	Incremental Time Interval (ms)	Interval Velocity (Ft/Sec)	Interval Depth (Feet)
6.07	5.41	10.65	10.65	15.5500			
9.02	8.36	12.41	1.76	16.2500	0.7000	2519.5	6.89
12.14	11.48	14.69	2.28	17.4500	1.2000	1901.5	9.92
15.09	14.43	17.10	2.41	18.9500	1.5000	1604.4	12.96
18.04	17.38	19.65	2.56	21.1000	2.1500	1188.9	15.91
21.16	20.50	22.46	2.80	24.0500	2.9500	950.5	18.94
24.11	23.45	25.18	2.72	26.6500	2.6000	1047.8	21.98
27.23	26.57	28.11	2.93	29.8500	3.2000	914.3	25.01
30.02	29.36	30.76	2.65	32.7000	2.8500	929.7	27.97
33.14	32.48	33.75	2.99	35.9000	3.2000	933.7	30.92
36.09	35.43	36.60	2.85	38.7500	2.8500	1000.2	33.95
39.04	38.38	39.46	2.87	42.1000	3.3500	855.4	36.91
42.16	41.50	42.50	3.04	45.6000	3.5000	867.9	39.94
45.11	44.45	45.39	2.89	48.8000	3.2000	902.4	42.98
48.06	47.40	48.28	2.90	52.5000	3.7000	782.6	45.93
51.02	50.36	51.19	2.90	55.7500	3.2500	892.9	48.88
54.13	53.47	54.25	3.07	59.1000	3.3500	916.2	51.92
57.09	56.43	57.17	2.91	62.1000	3.0000	970.8	54.95
60.04	59.38	60.08	2.92	65.1500	3.0500	956.2	57.90
63.16	62.50	63.17	3.08	68.5000	3.3500	920.0	60.94
66.11	65.45	66.09	2.92	71.9500	3.4500	847.2	63.97
69.06	68.40	69.01	2.93	75.2500	3.3000	886.5	66.93
72.01	71.35	71.94	2.93	78.1500	2.9000	1009.5	69.88
75.13	74.47	75.03	3.09	81.1000	2.9500	1048.3	72.91
78.08	77.42	77.96	2.93	83.7500	2.6500	1106.2	75.95
81.04	80.38	80.90	2.93	86.4000	2.6500	1106.8	78.90

Waveforms for Sounding c-4005s



Shear Wave Velocity Calculations

PLANT VOGTLE
AUGUSTA, GA

Geophone Offset: 0.66 Feet
Source Offset: 9.17 Feet

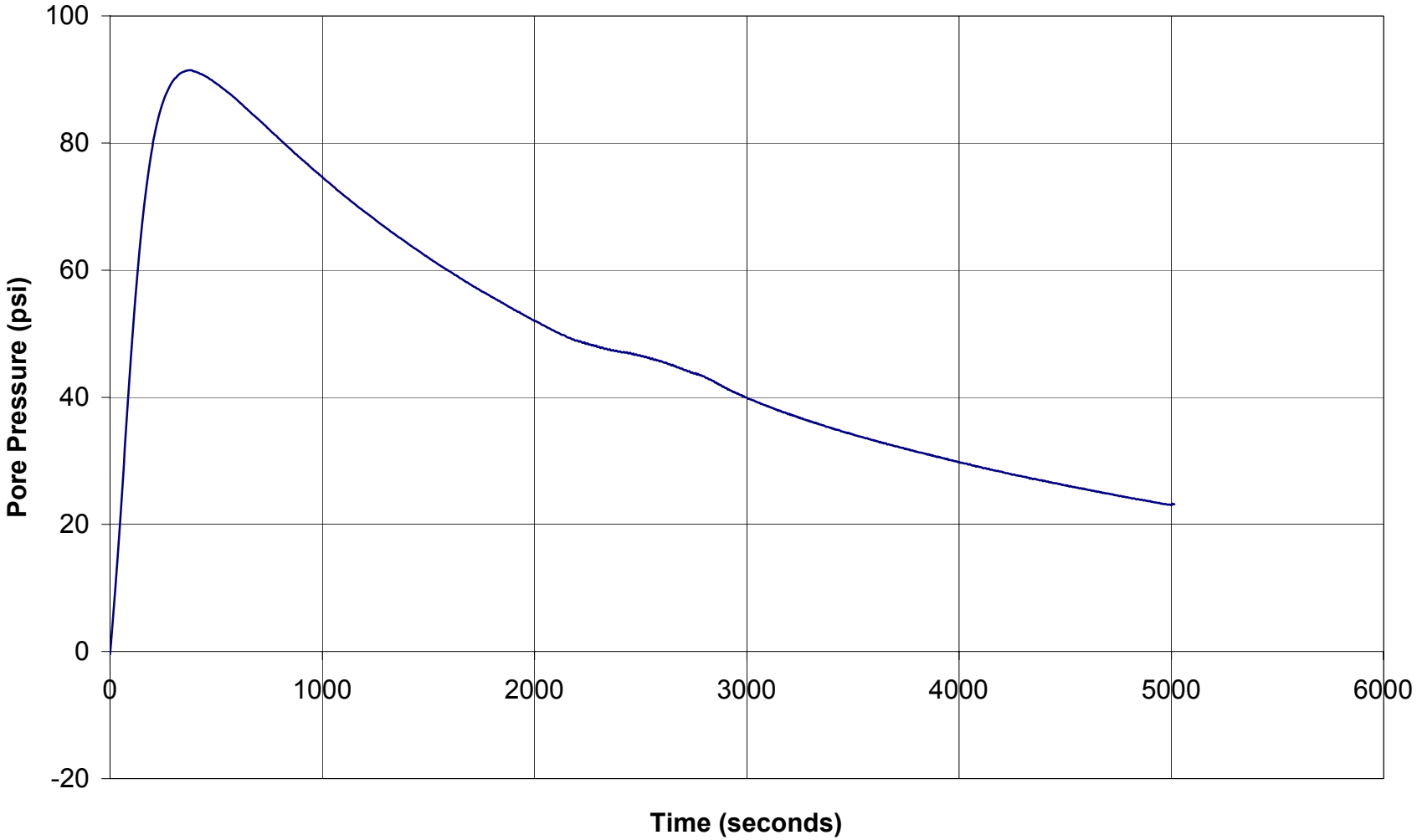
c-4005s

Test Depth (Feet)	Geophone Depth (Feet)	Waveform Ray Path (Feet)	Incremental Distance (Feet)	Characteristic Arrival Time (ms)	Incremental Time Interval (ms)	Interval Velocity (Ft/Sec)	Interval Depth (Feet)
3.12	2.46	9.49	9.49	7.4000			
6.07	5.41	10.65	1.15	10.0500	2.6500	435.2	3.93
9.02	8.36	12.41	1.76	11.0500	1.0000	1763.7	6.89
12.30	11.64	14.82	2.41	15.9000	4.8500	497.0	10.00
15.09	14.43	17.10	2.28	18.6000	2.7000	843.7	13.04
18.04	17.38	19.65	2.56	21.3500	2.7500	929.5	15.91
21.16	20.50	22.46	2.80	23.7000	2.3500	1193.2	18.94
24.11	23.45	25.18	2.72	26.1500	2.4500	1112.0	21.98
27.07	26.41	27.95	2.77	28.6000	2.4500	1130.9	24.93
30.02	29.36	30.76	2.80	31.4500	2.8500	984.1	27.88
33.14	32.48	33.75	2.99	34.5000	3.0500	979.6	30.92
36.09	35.43	36.60	2.85	37.0500	2.5500	1117.8	33.95
39.04	38.38	39.46	2.87	40.2500	3.2000	895.5	36.91
42.16	41.50	42.50	3.04	43.4000	3.1500	964.3	39.94
45.11	44.45	45.39	2.89	47.1000	3.7000	780.4	42.98
48.06	47.40	48.28	2.90	50.0000	2.9000	998.5	45.93
51.02	50.36	51.19	2.90	53.1500	3.1500	921.3	48.88
54.13	53.47	54.25	3.07	56.1000	2.9500	1040.4	51.92
57.09	56.43	57.17	2.91	59.6000	3.5000	832.1	54.95
60.04	59.38	60.08	2.92	62.6500	3.0500	956.2	57.90
63.16	62.50	63.17	3.08	66.1000	3.4500	893.4	60.94
66.11	65.45	66.09	2.92	69.4000	3.3000	885.7	63.97
69.39	68.73	69.34	3.25	73.6000	4.2000	773.9	67.09
72.01	71.35	71.94	2.60	77.6000	4.0000	650.6	70.04
75.13	74.47	75.03	3.09	81.8000	4.2000	736.3	72.91
78.08	77.42	77.96	2.93	85.6000	3.8000	771.4	75.95
81.04	80.38	80.90	2.93	87.5500	1.9500	1504.1	78.90
84.15	83.49	84.00	3.10	90.9500	3.4000	911.0	81.93
87.11	86.45	86.93	2.94	93.0000	2.0500	1432.0	84.97
90.22	89.56	90.03	3.10	95.5000	2.5000	1240.0	88.00

GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

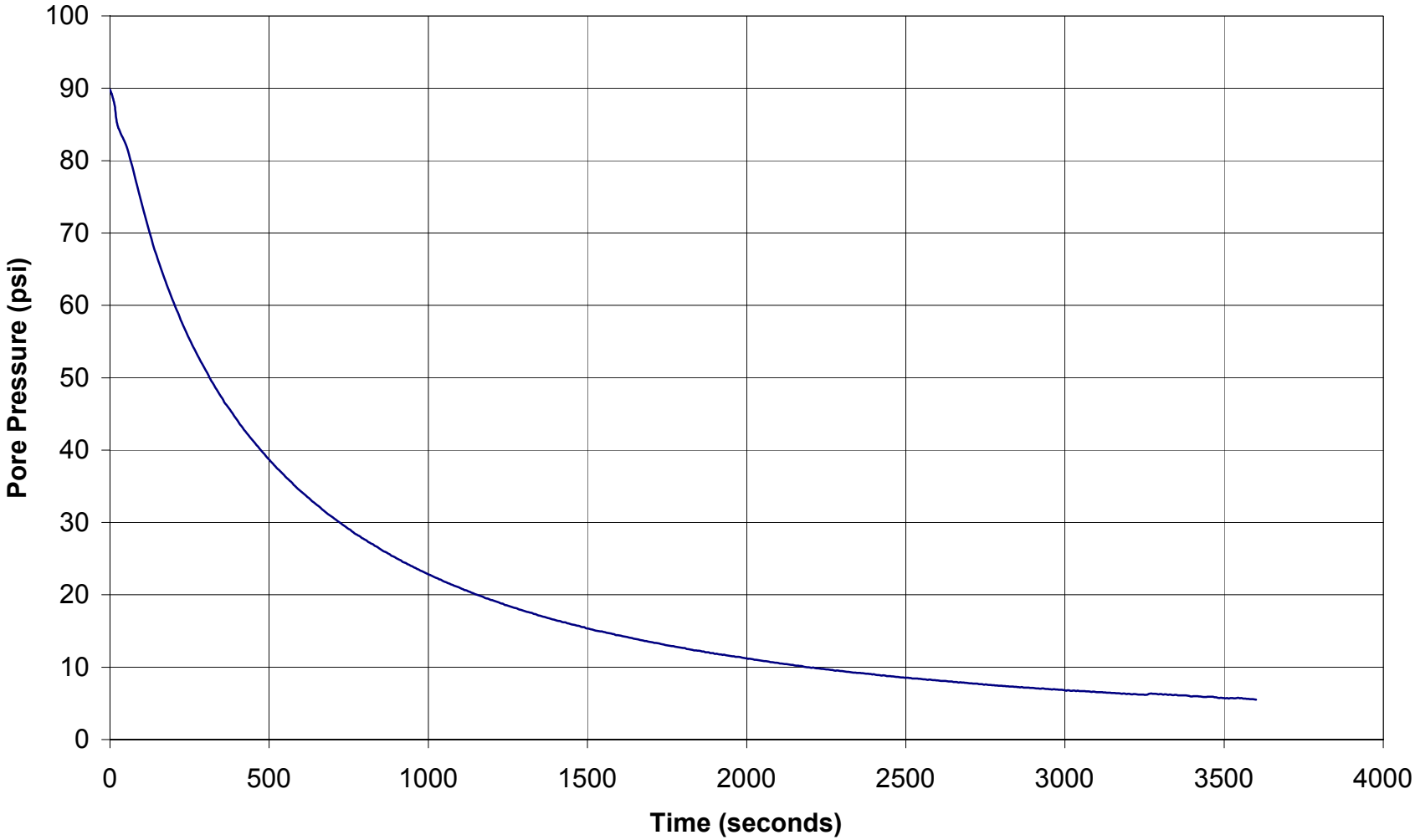
Sounding: c-1101
Depth: 50.033
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

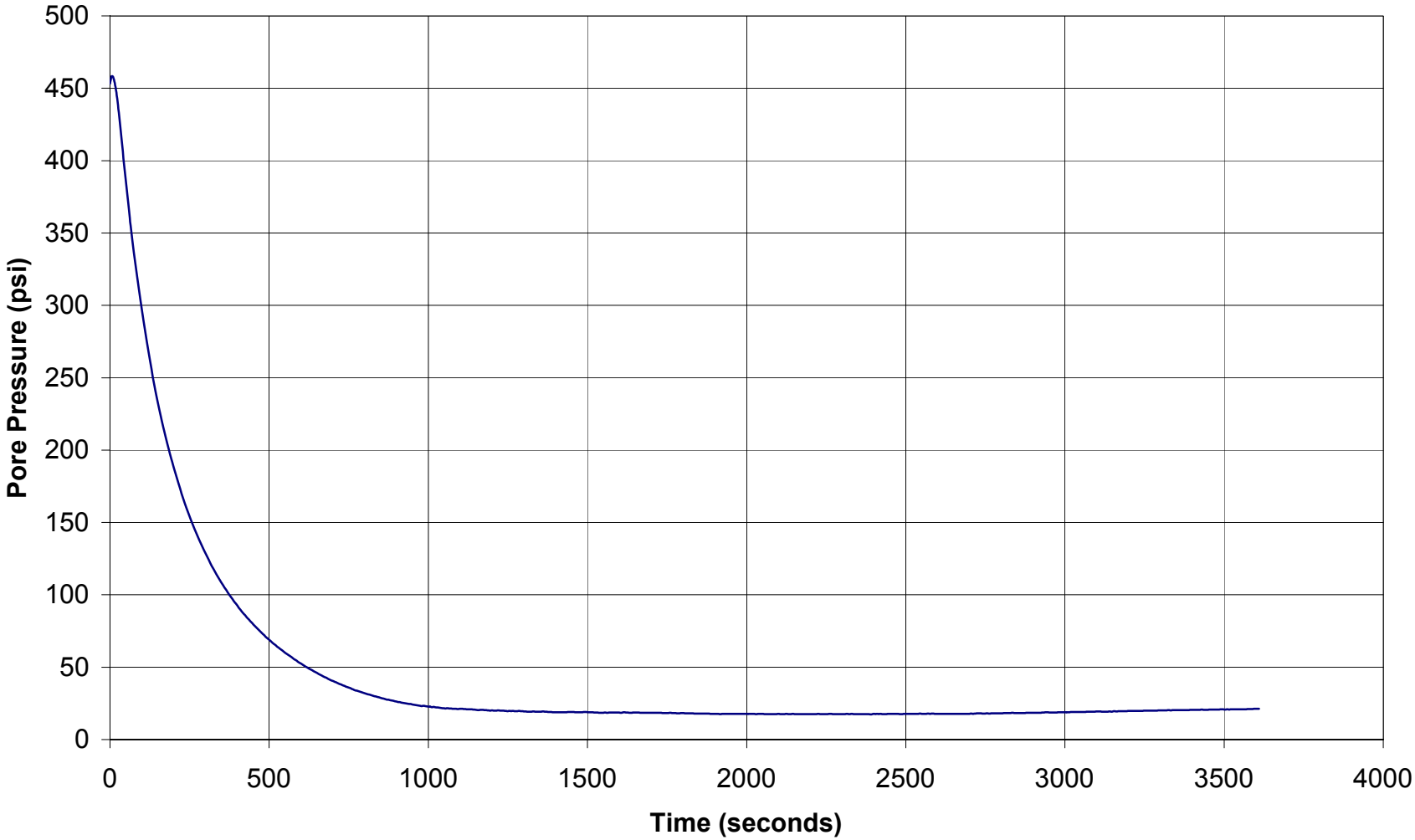
Sounding: c-1101
Depth: 71.358
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

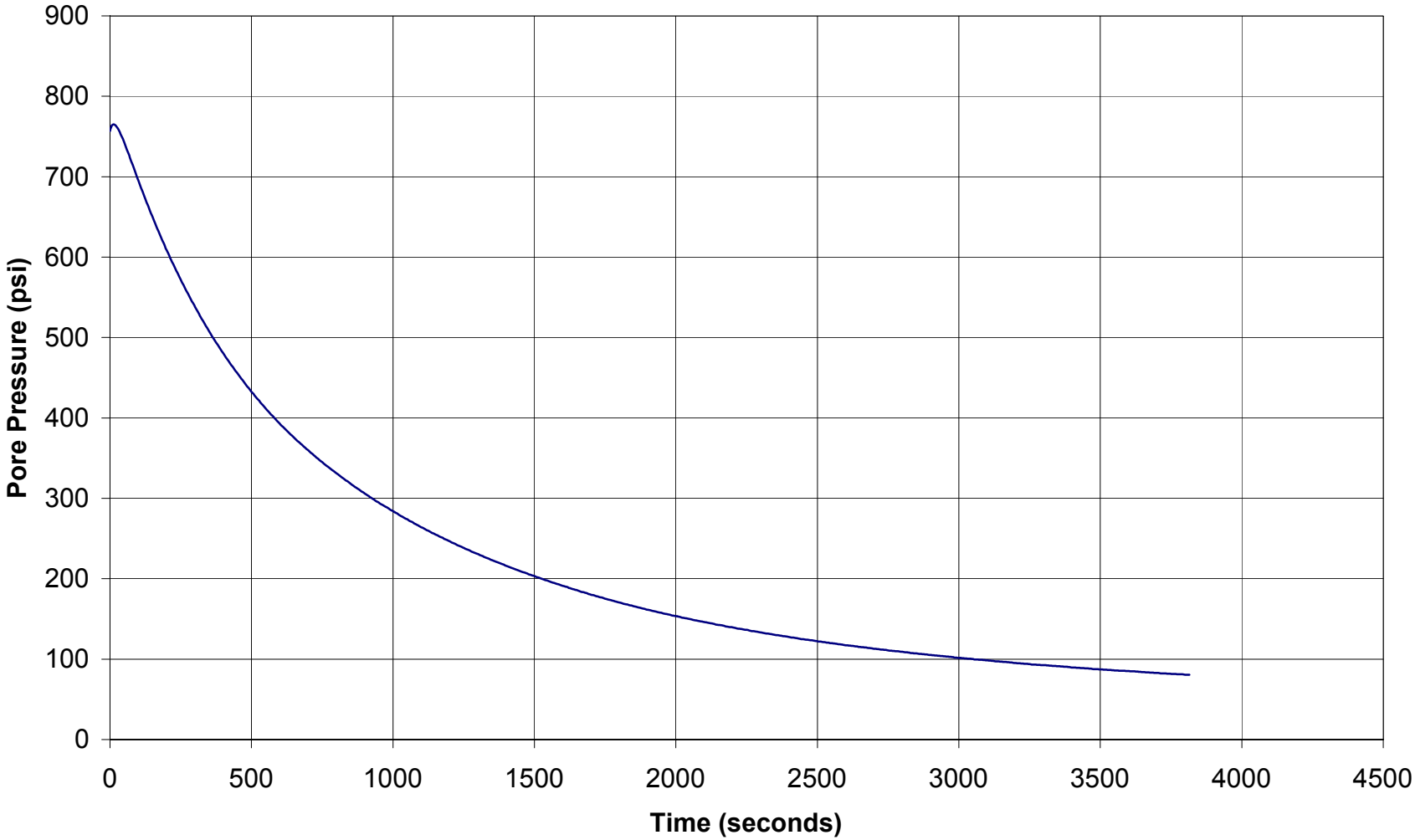
Sounding: c-1102
Depth: 47.08
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

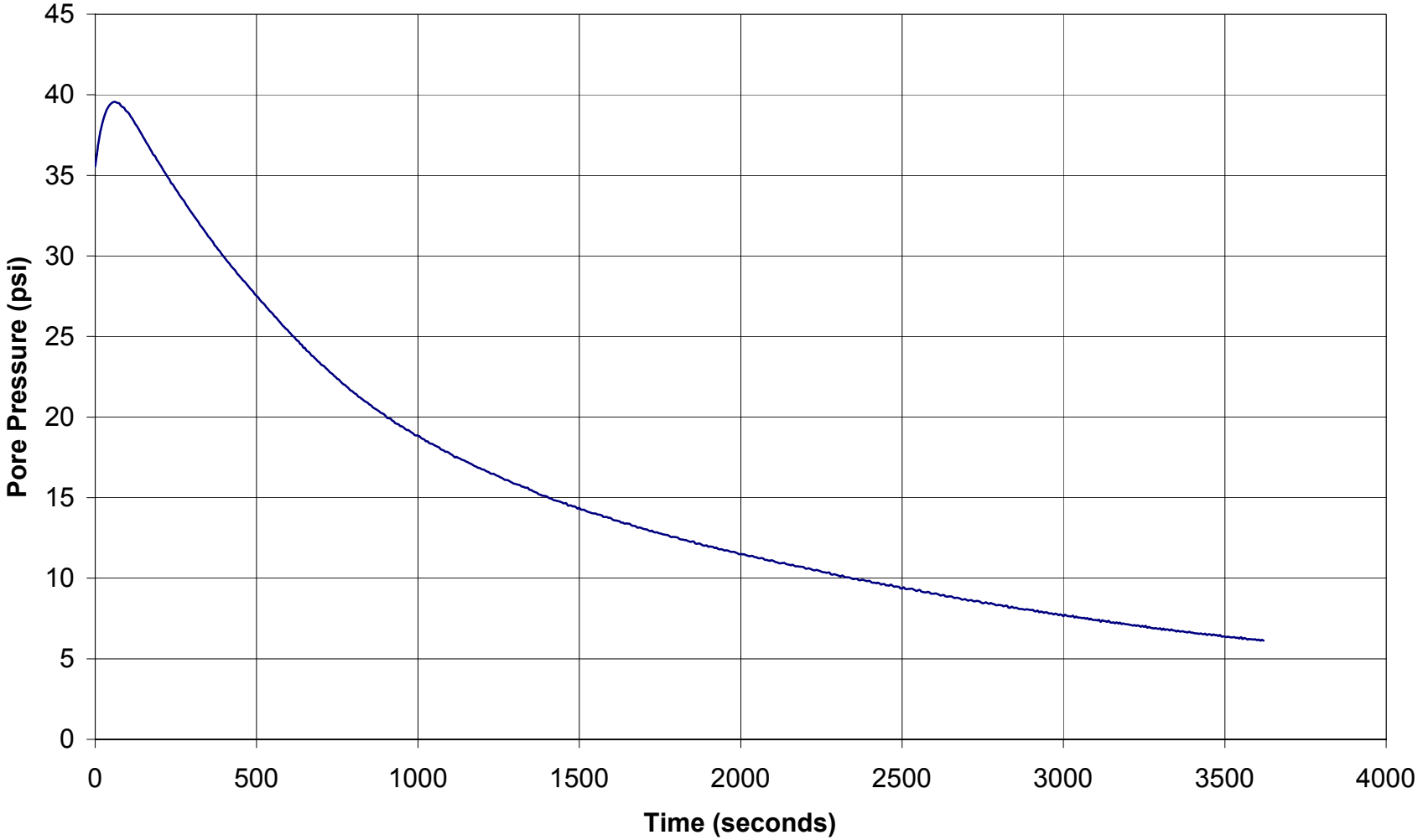
Sounding: c-1102
Depth: 51.345
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

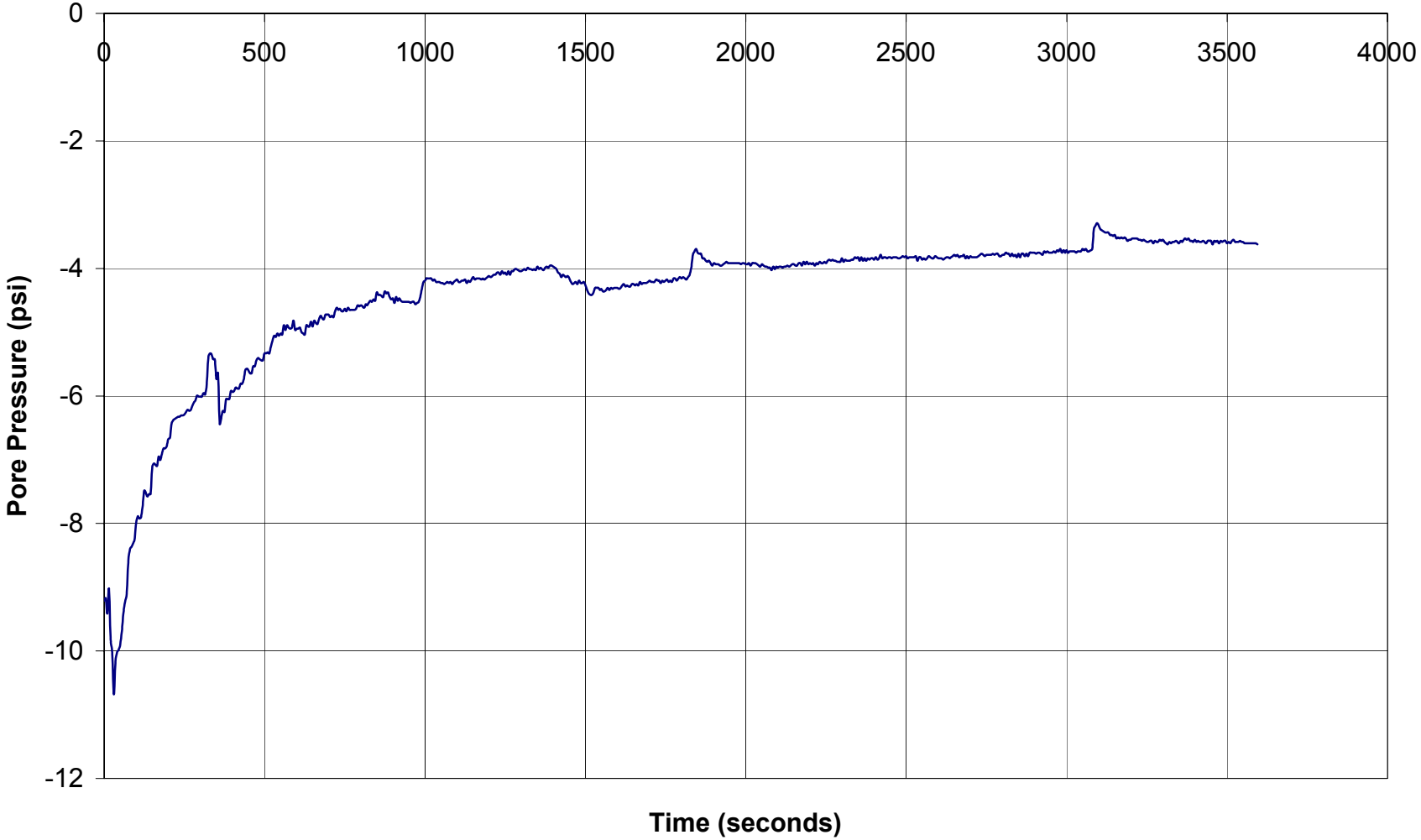
Sounding: c-1103
Depth: 16.076
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

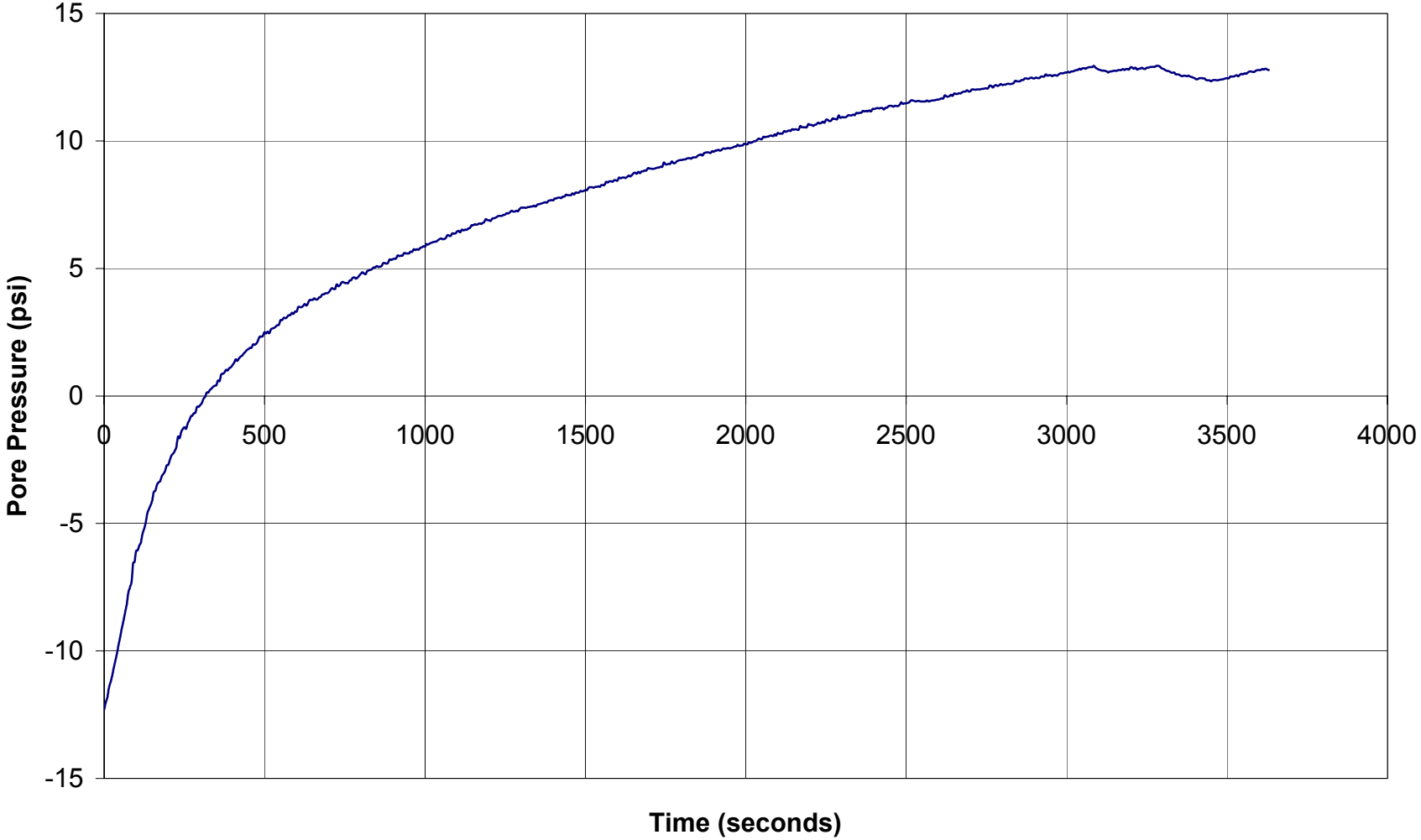
Sounding: c-1103
Depth: 27.395
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

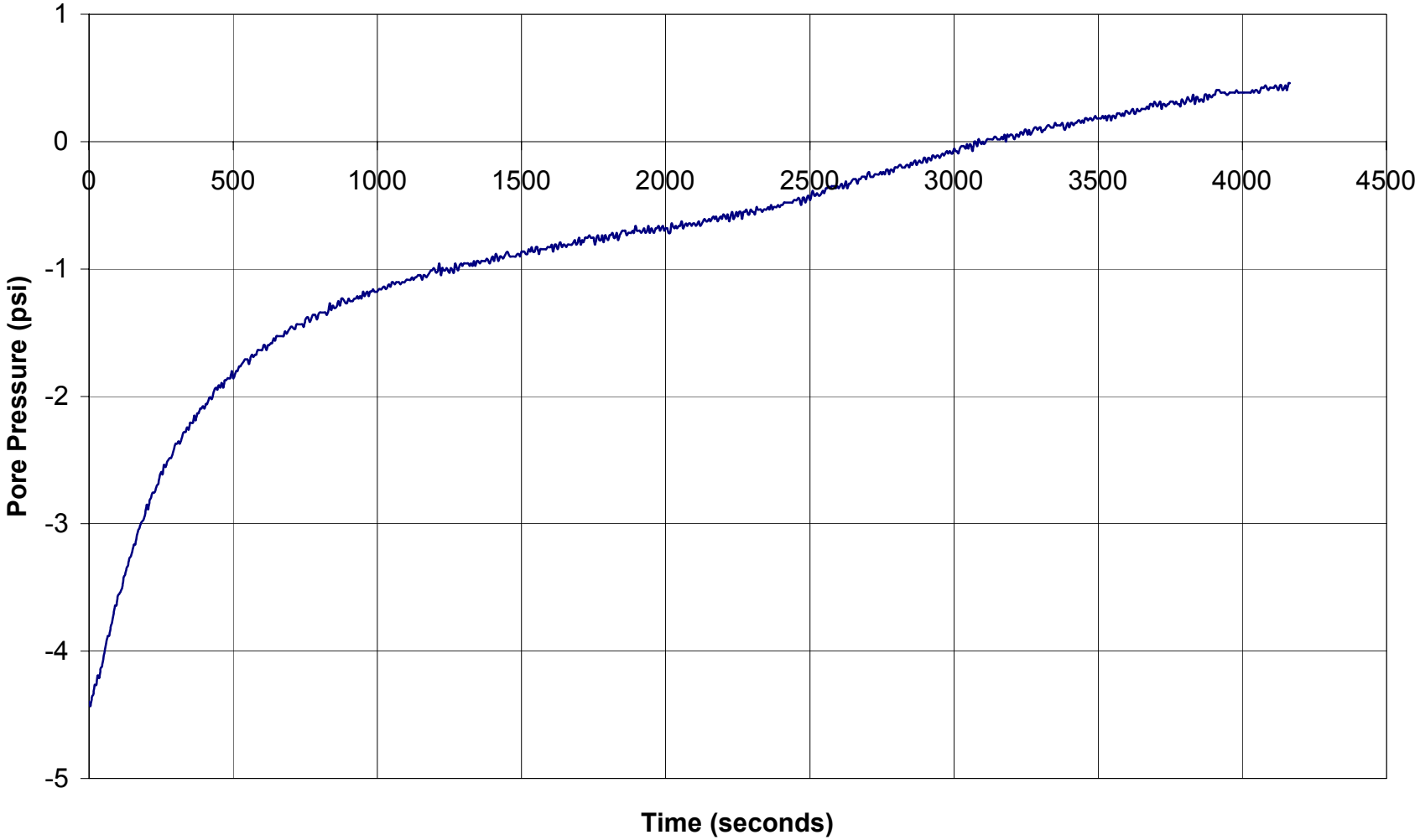
Sounding: c-1104
Depth: 38.222
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

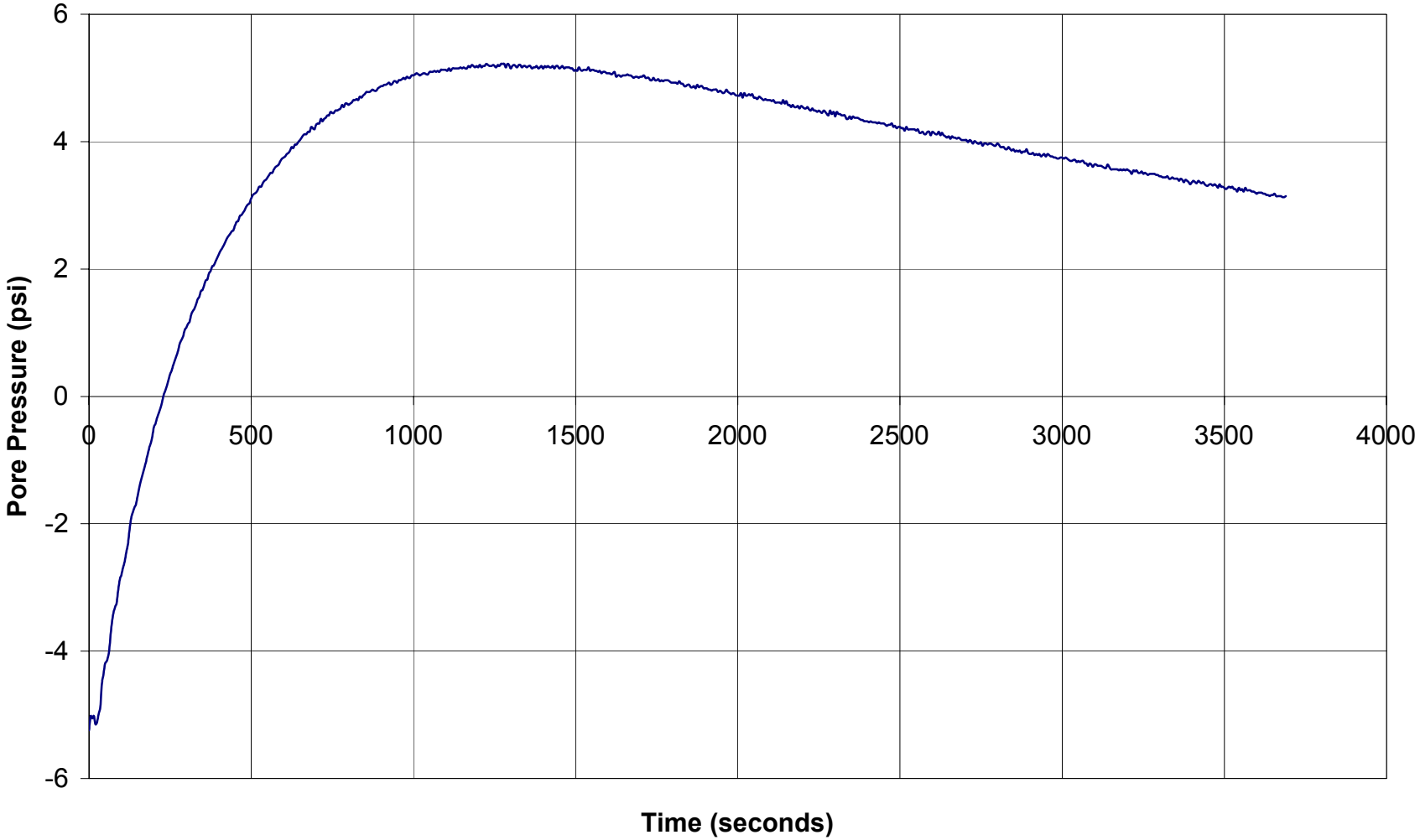
Sounding: c-1104
Depth: 77.1
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

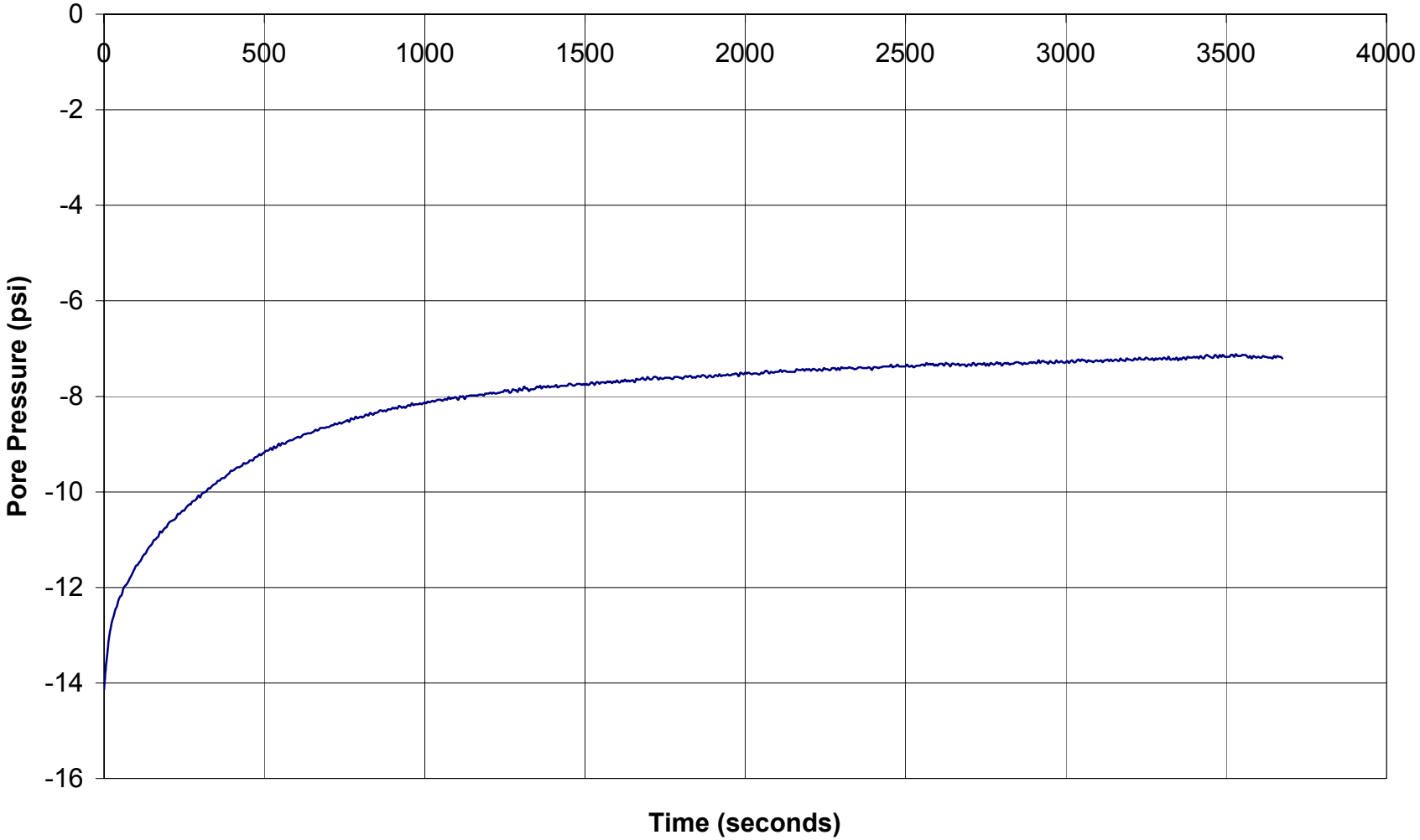
Sounding: c-1107
Depth: 28.051
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

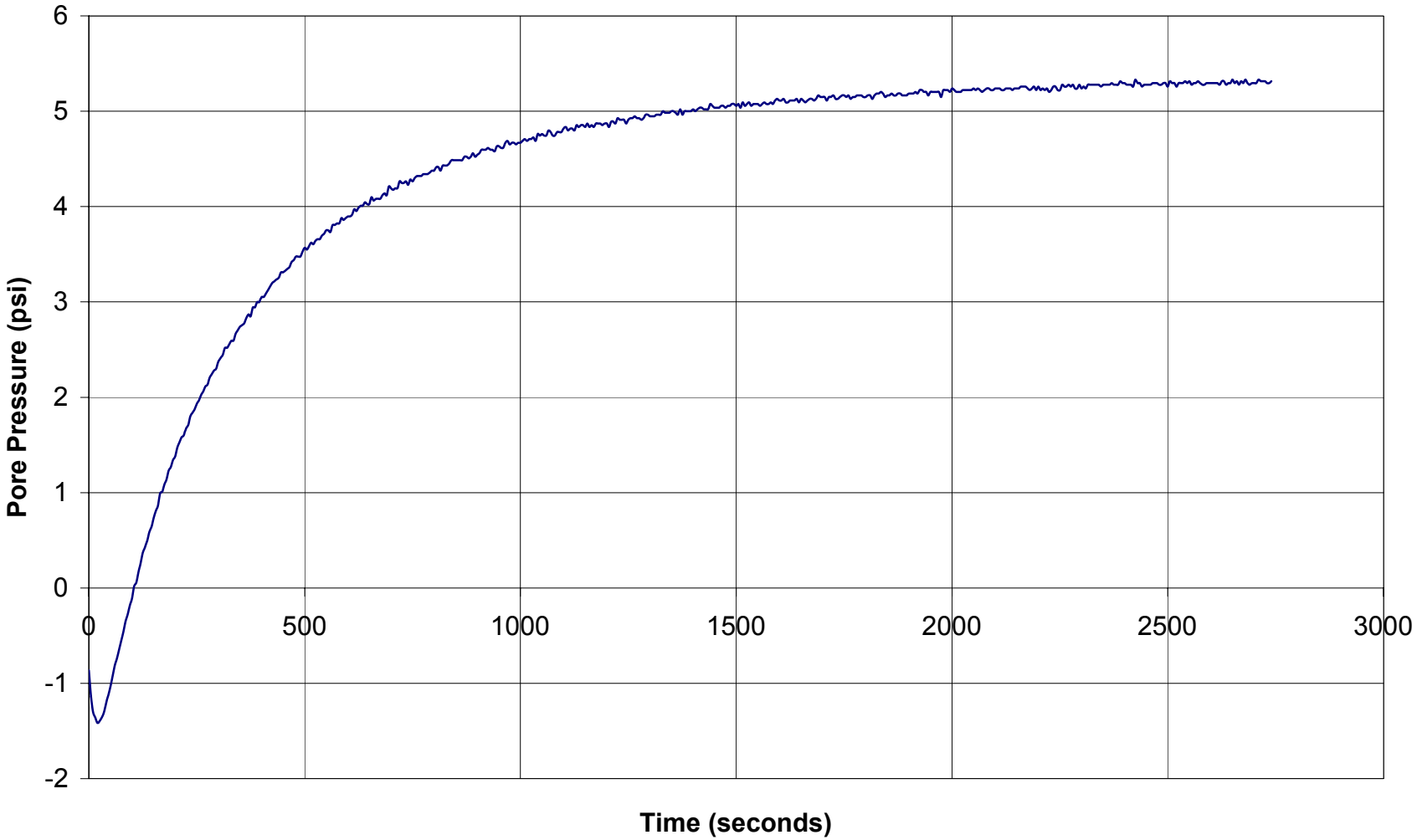
Sounding: c-1107
Depth: 71.03
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

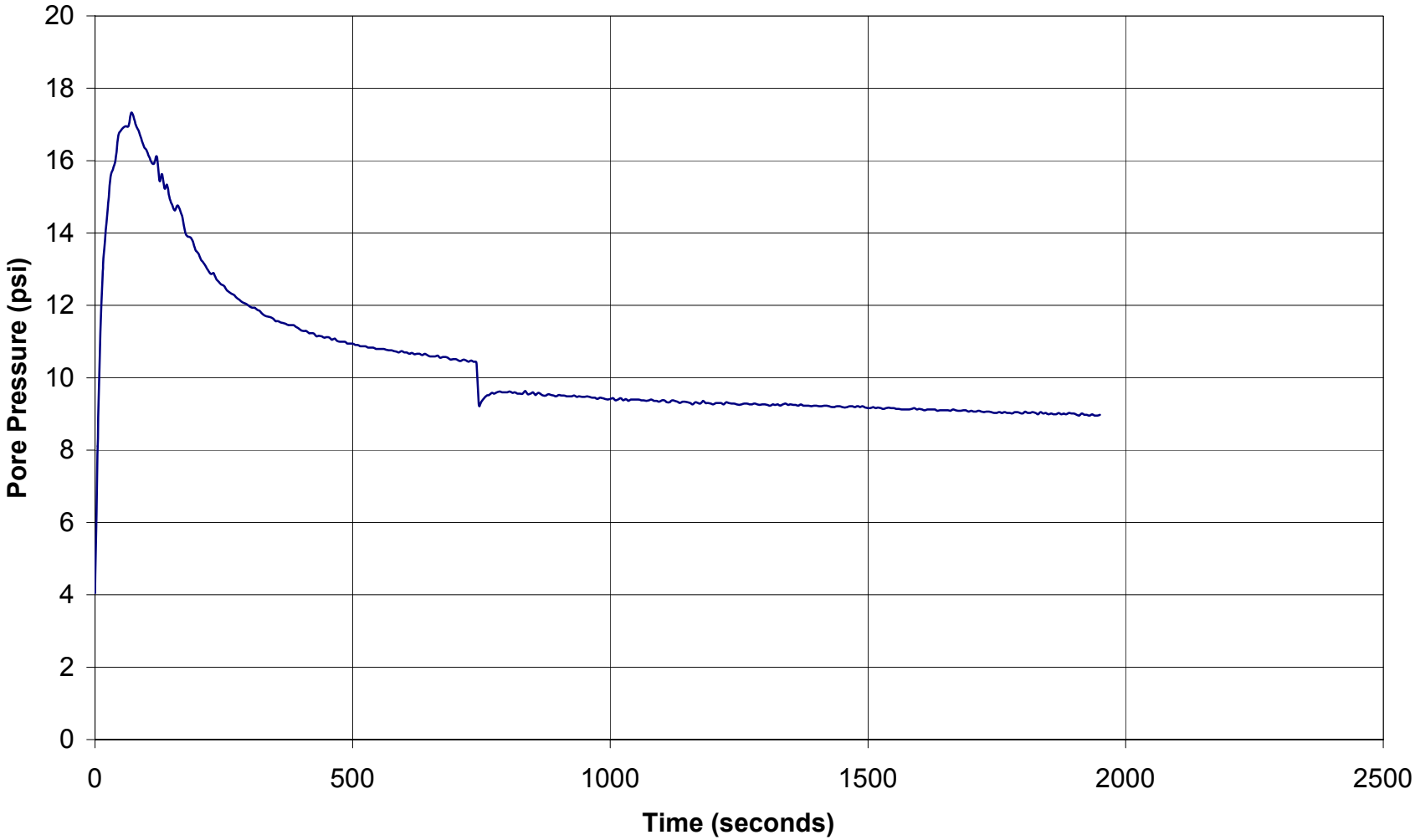
Sounding: c-1108
Depth: 46.096
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

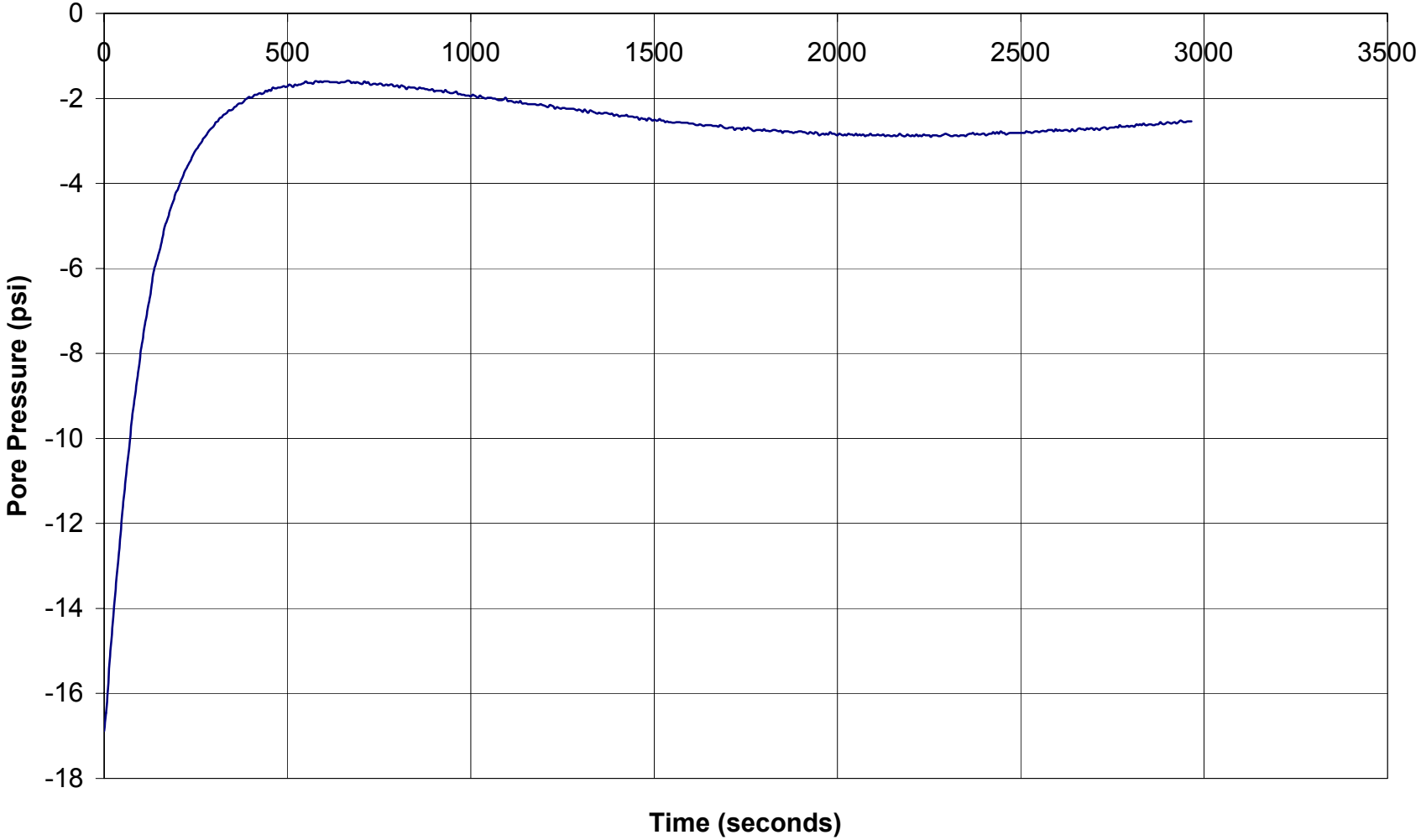
Sounding: c-1108
Depth: 59.547
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

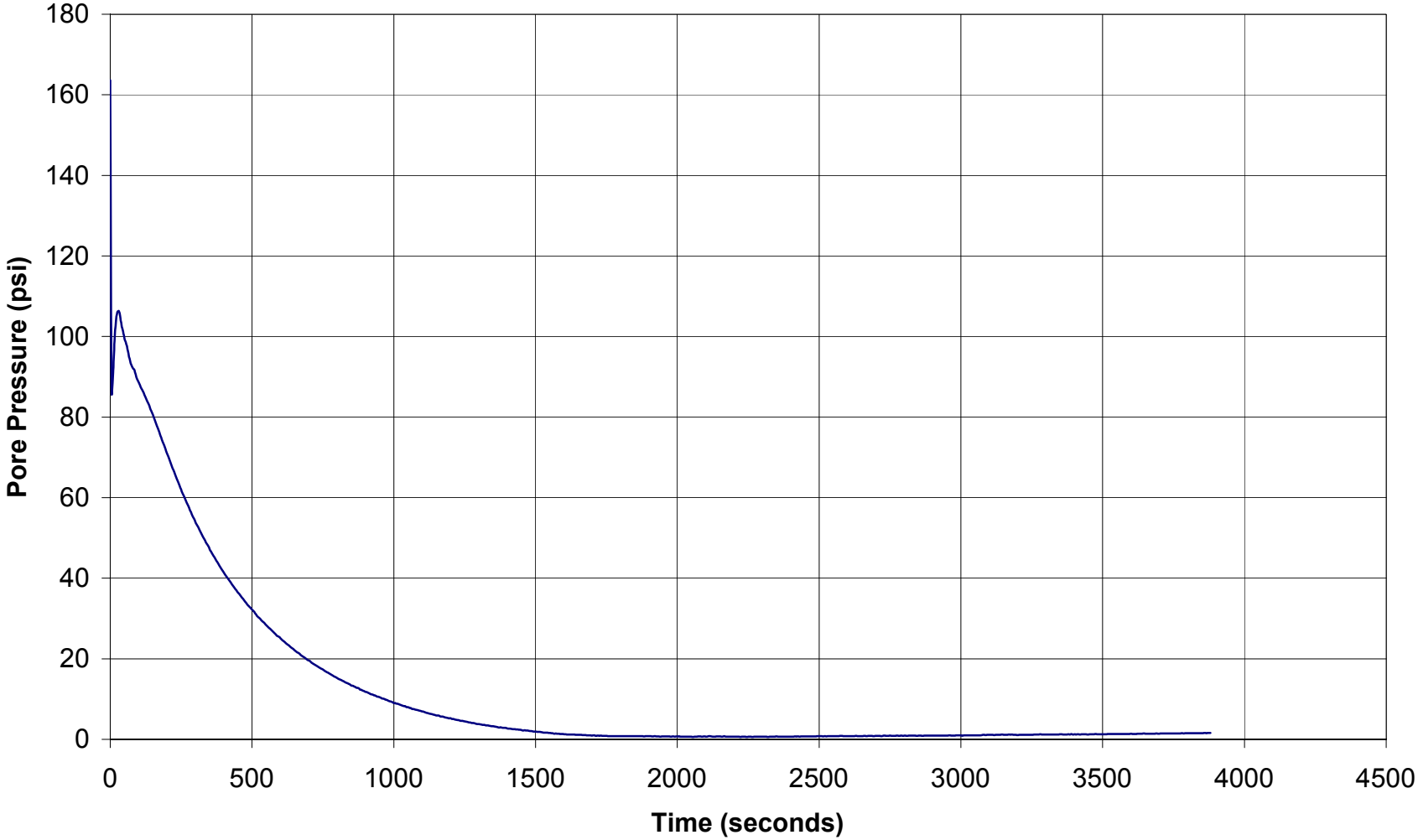
Sounding: c-1109
Depth: 58.071
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

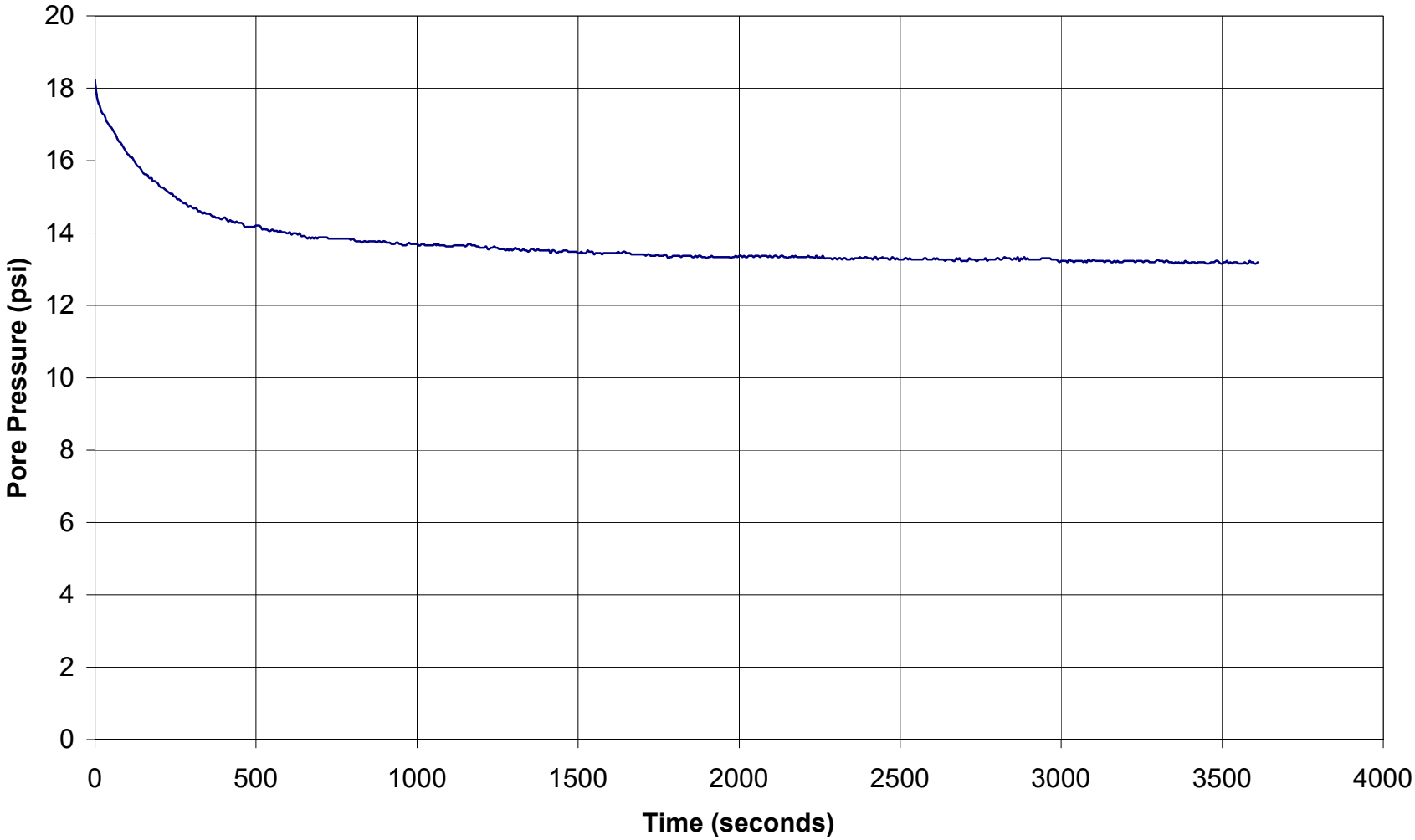
Sounding: c-1109
Depth: 72.506
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

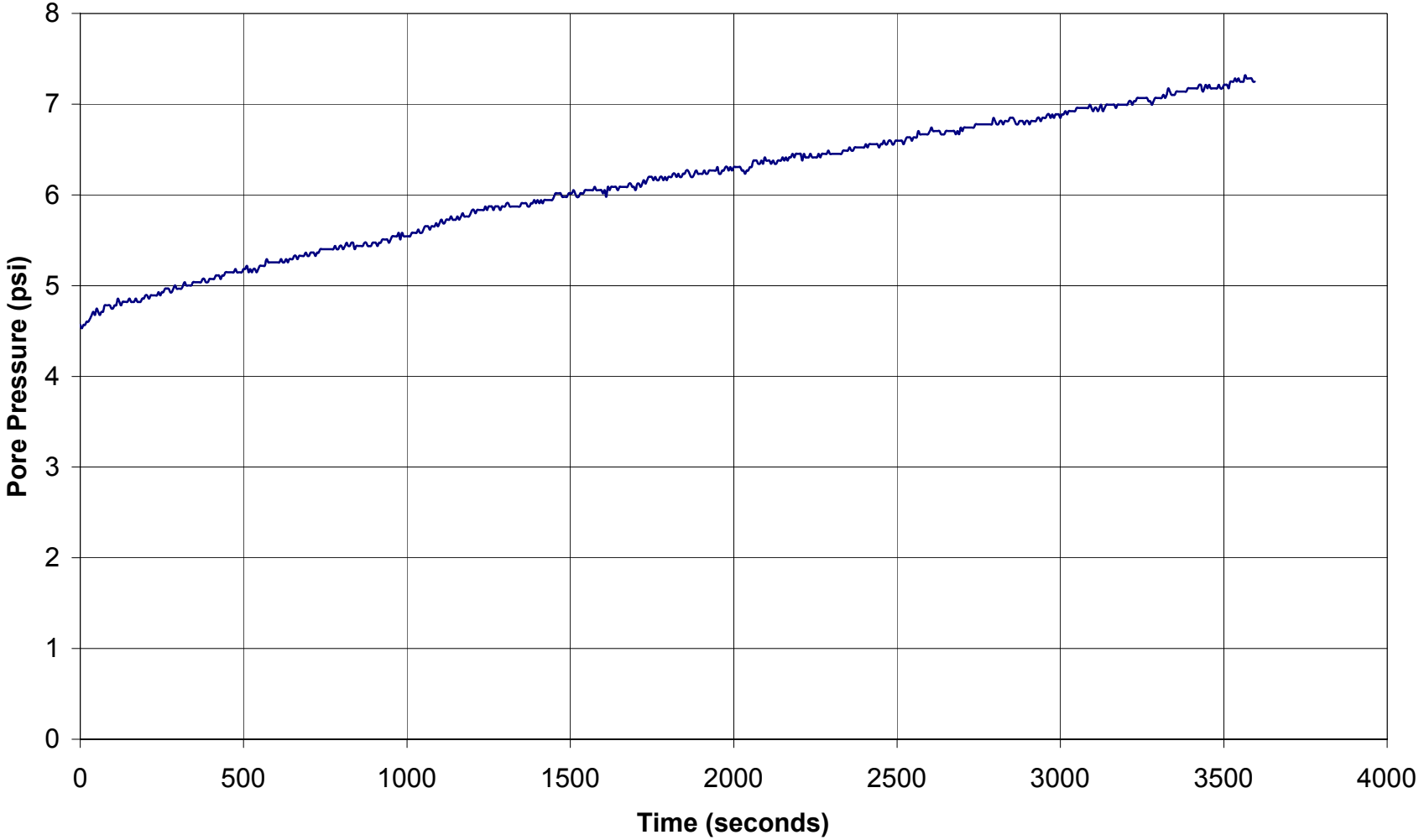
Sounding: c-3001s
Depth: 38.058
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

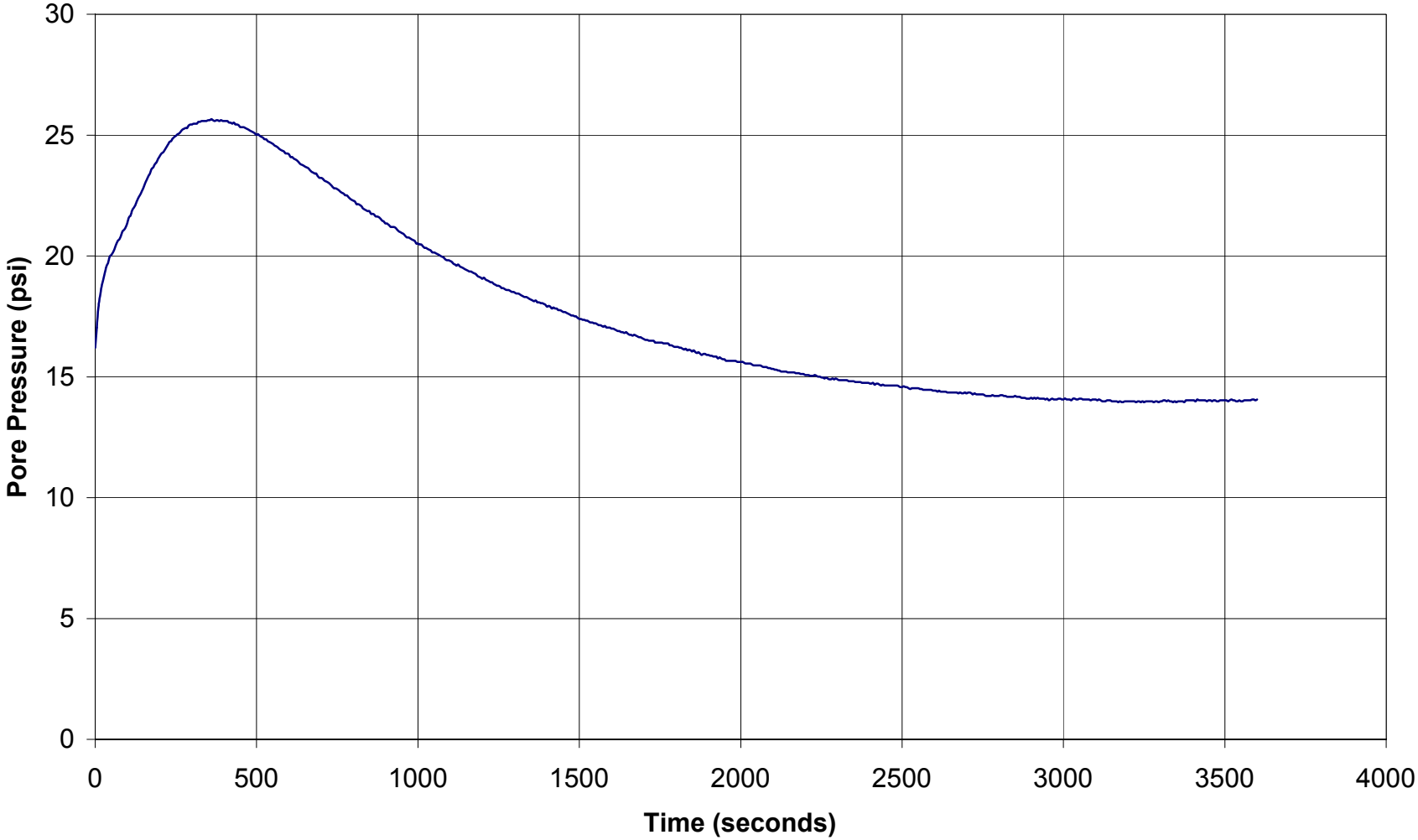
Sounding: c-3001s
Depth: 70.046
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

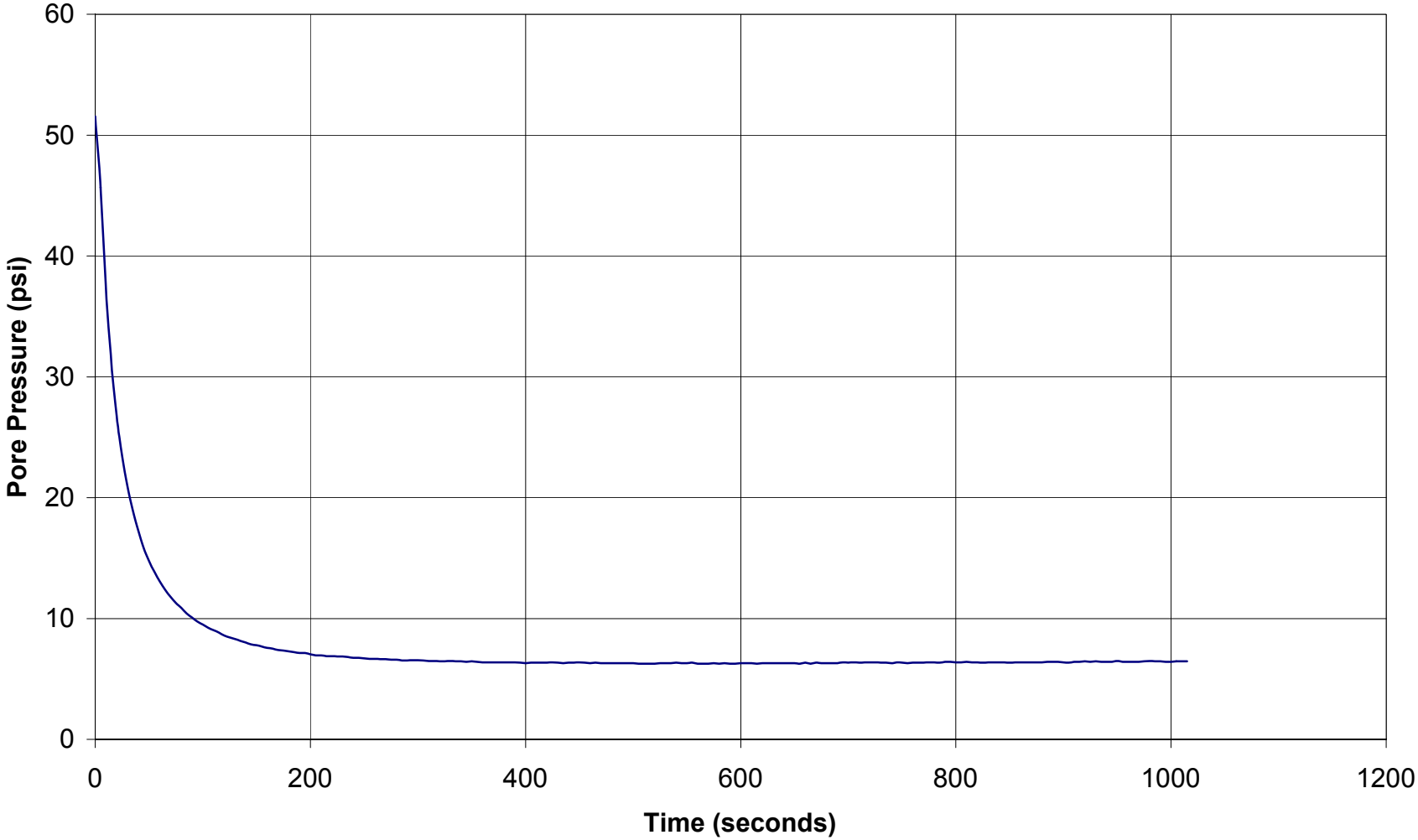
Sounding: c-3002s
Depth: 31.004
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

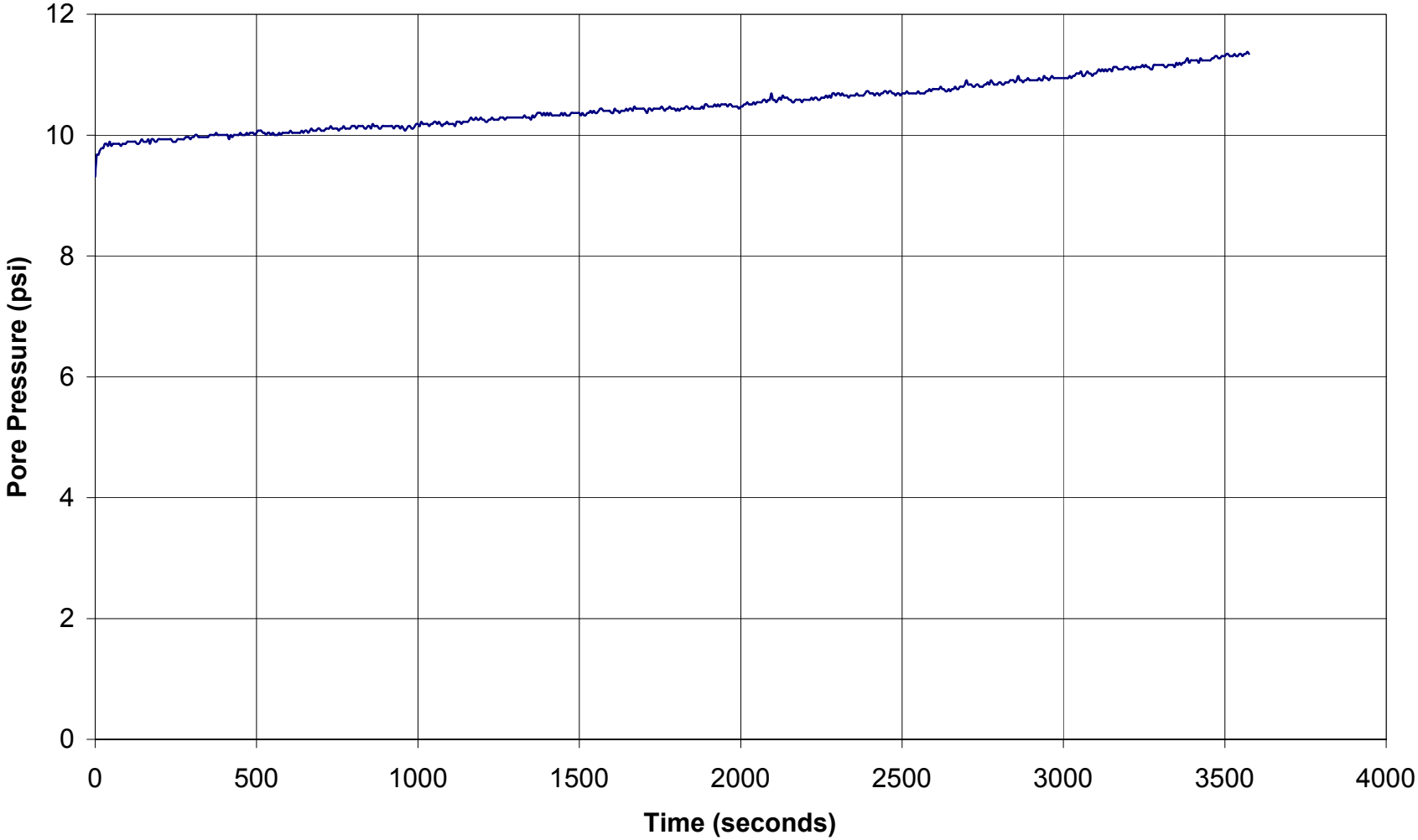
Sounding: c-3003s
Depth: 43.143
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

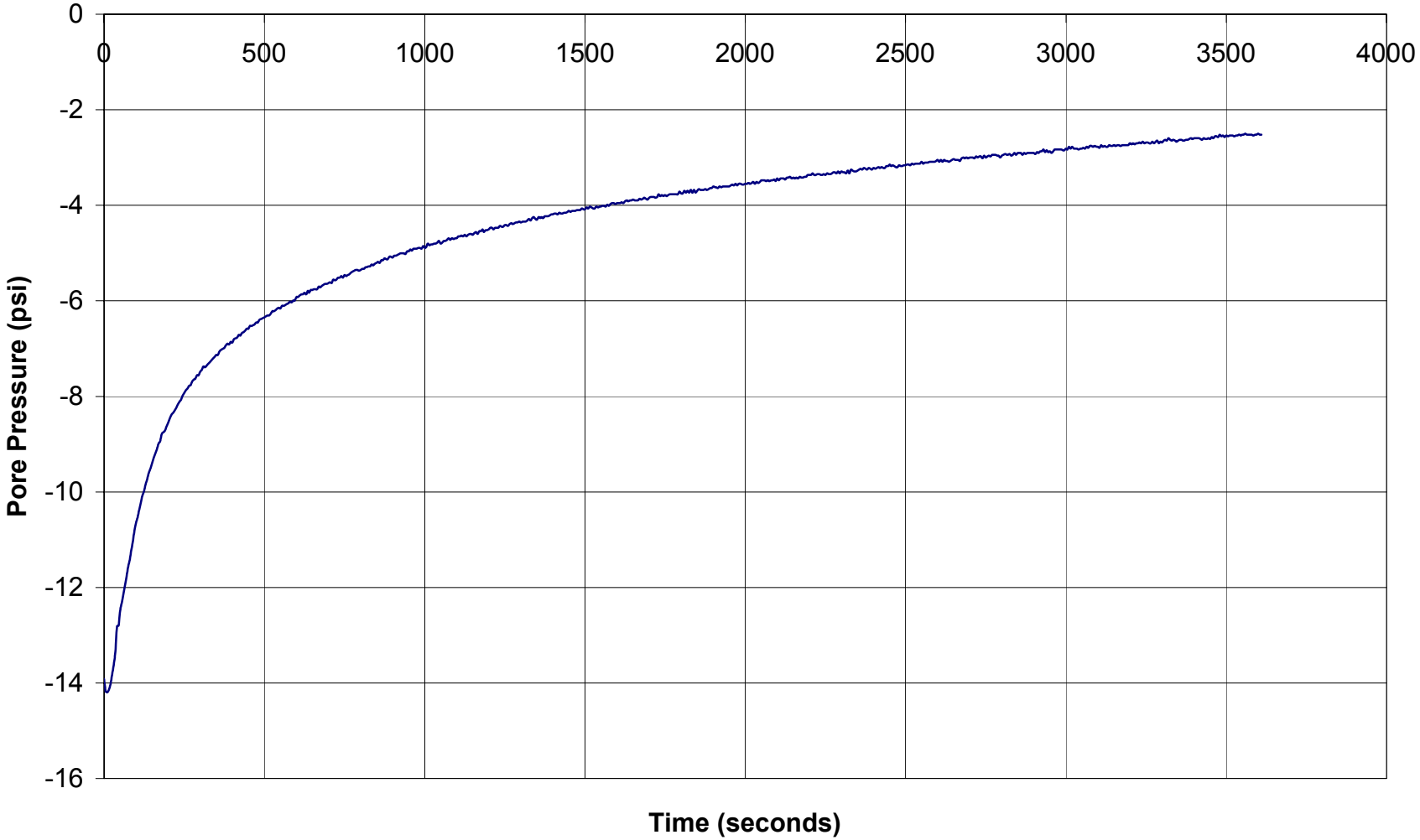
Sounding: c-3003s
Depth: 82.021
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

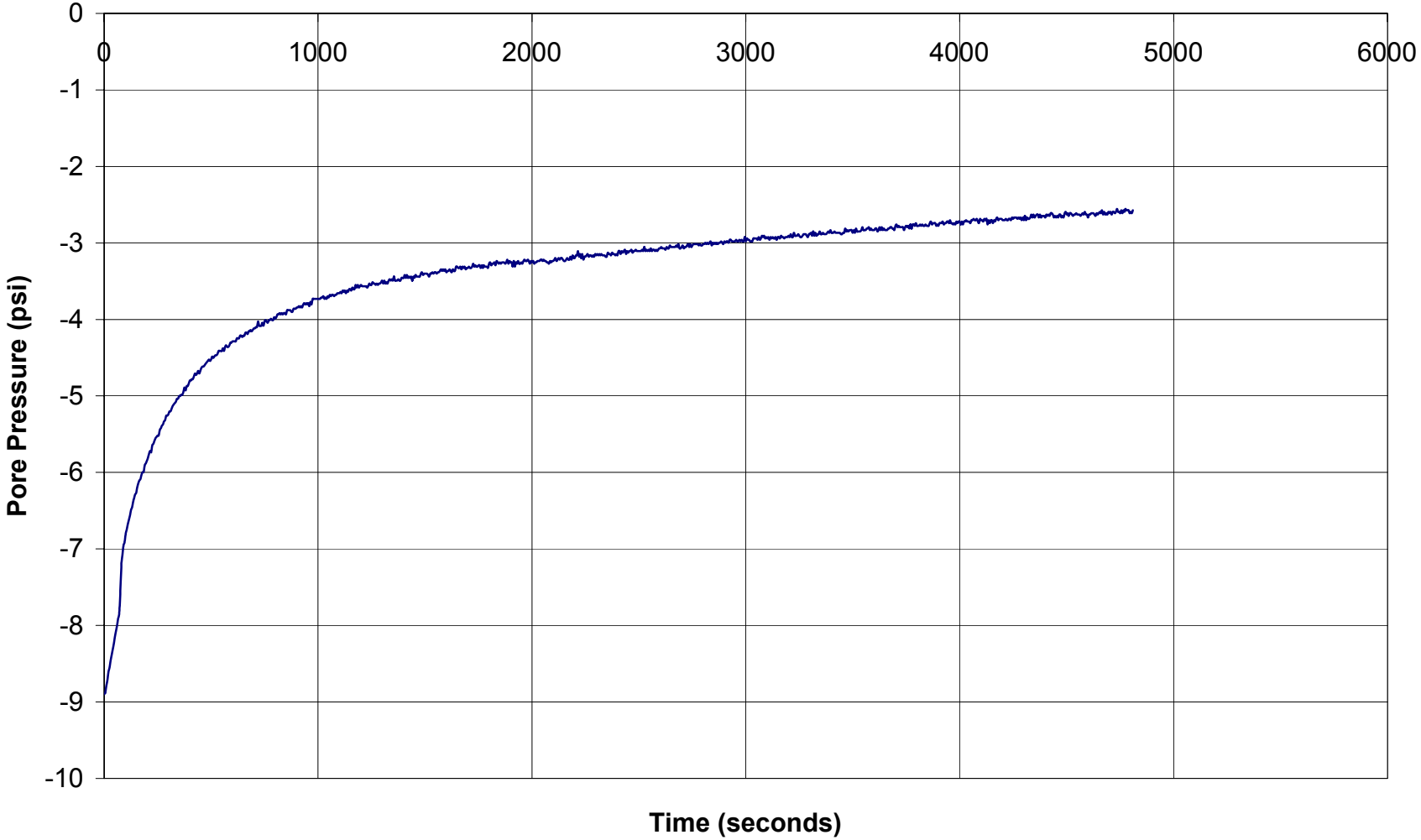
Sounding: c-3004
Depth: 47.08
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

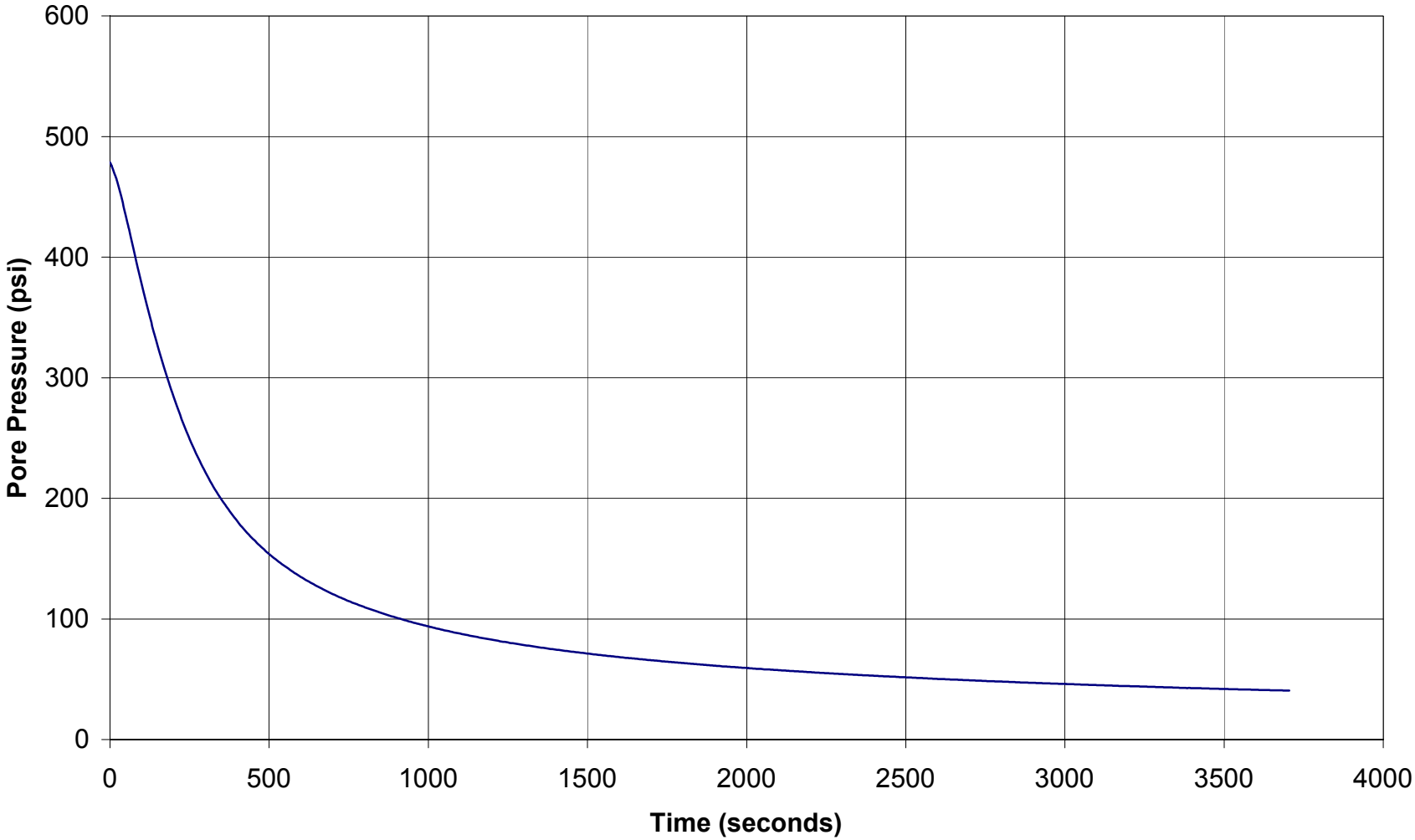
Sounding: c-3004
Depth: 72.014
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

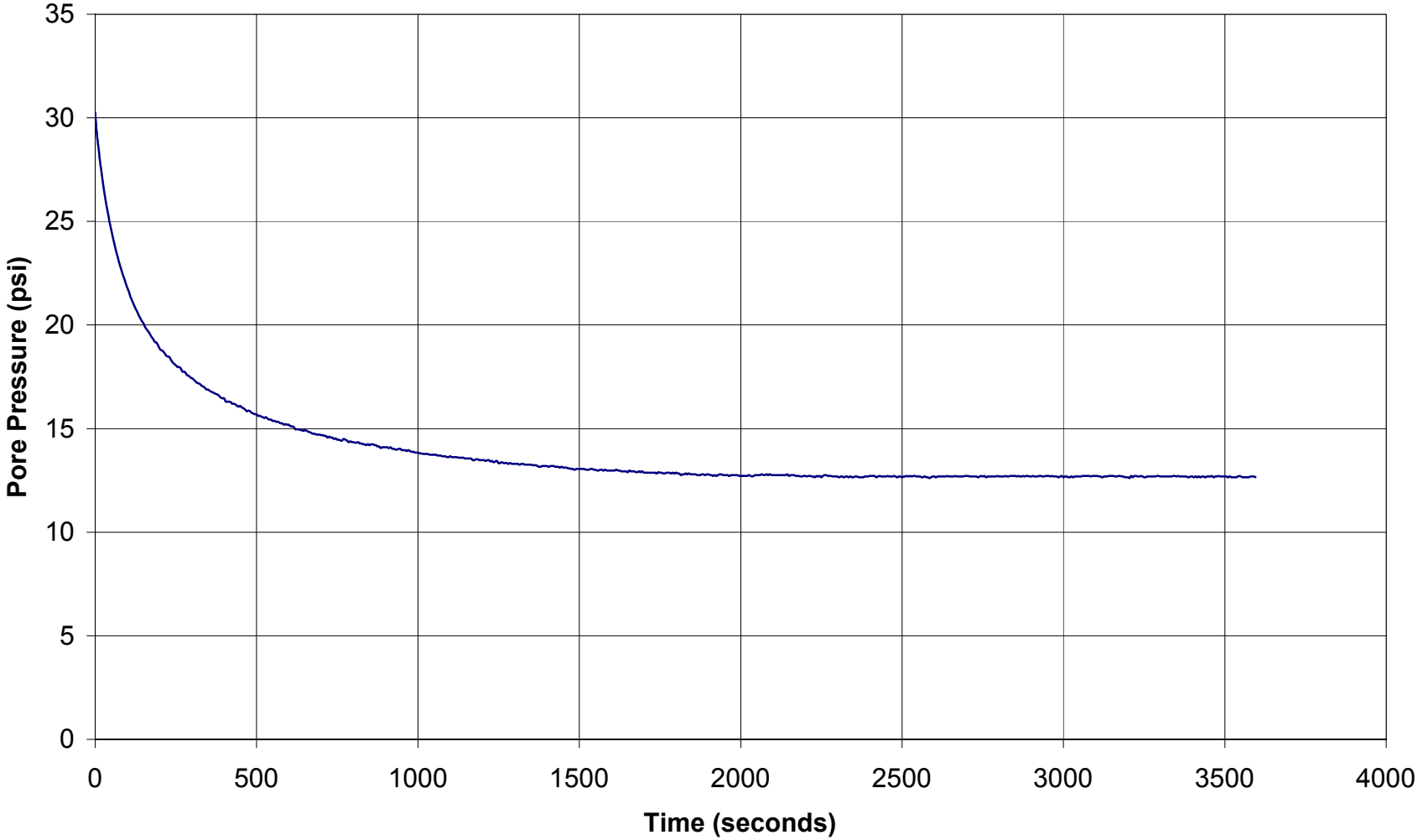
Sounding: c-3005s
Depth: 101.05
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

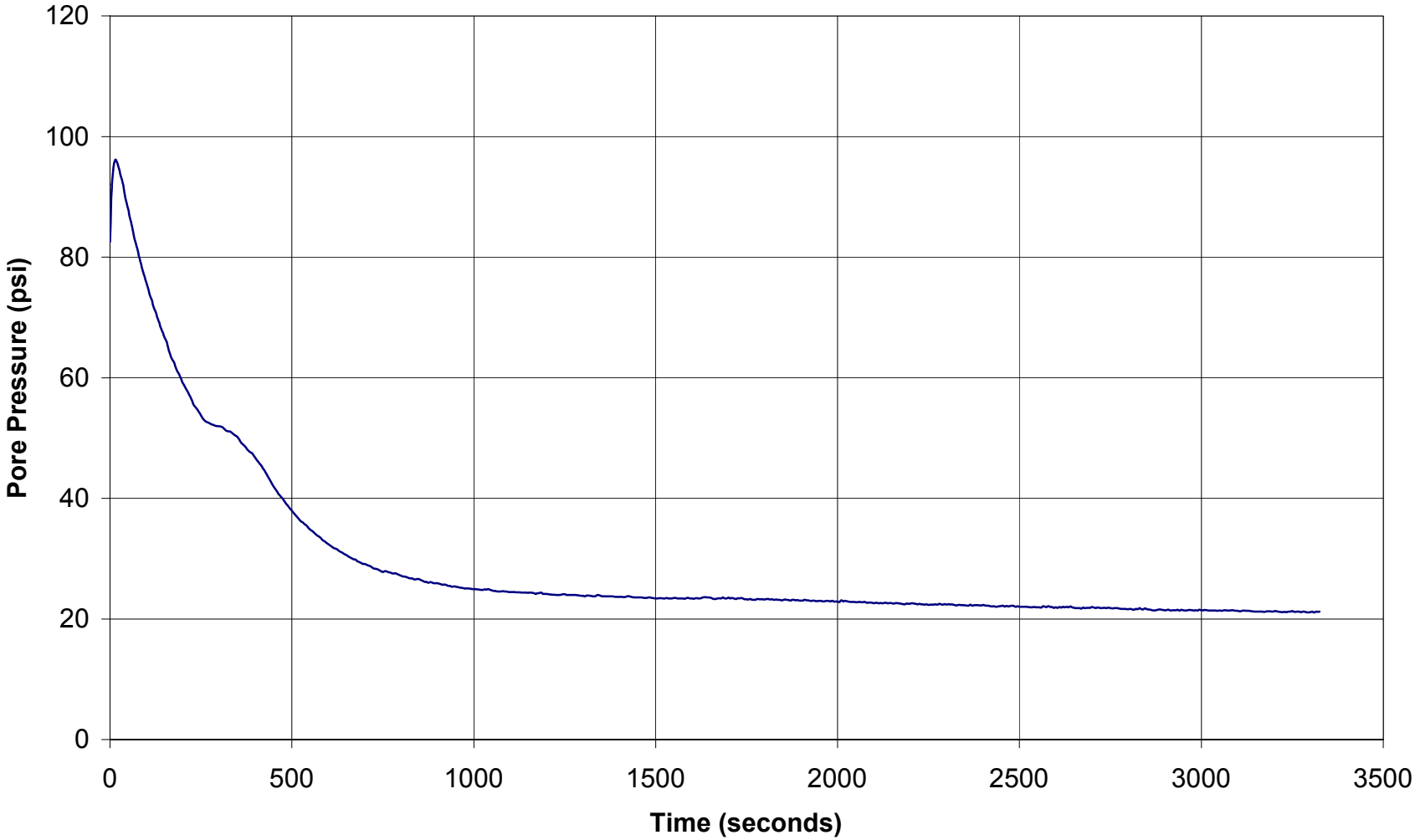
Sounding: c-3005s
Depth: 50.361
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

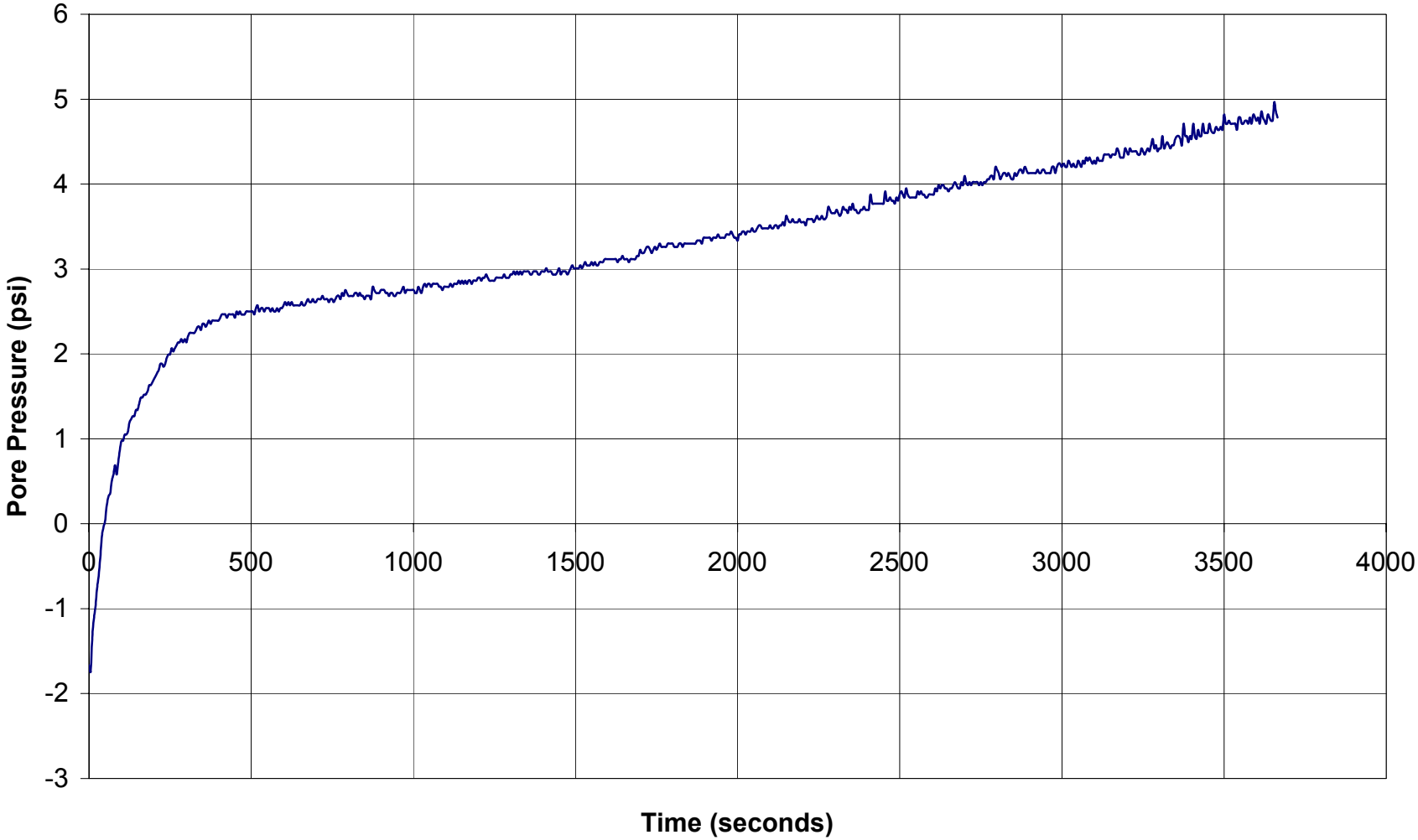
Sounding: c-4001s
Depth: 34.121
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

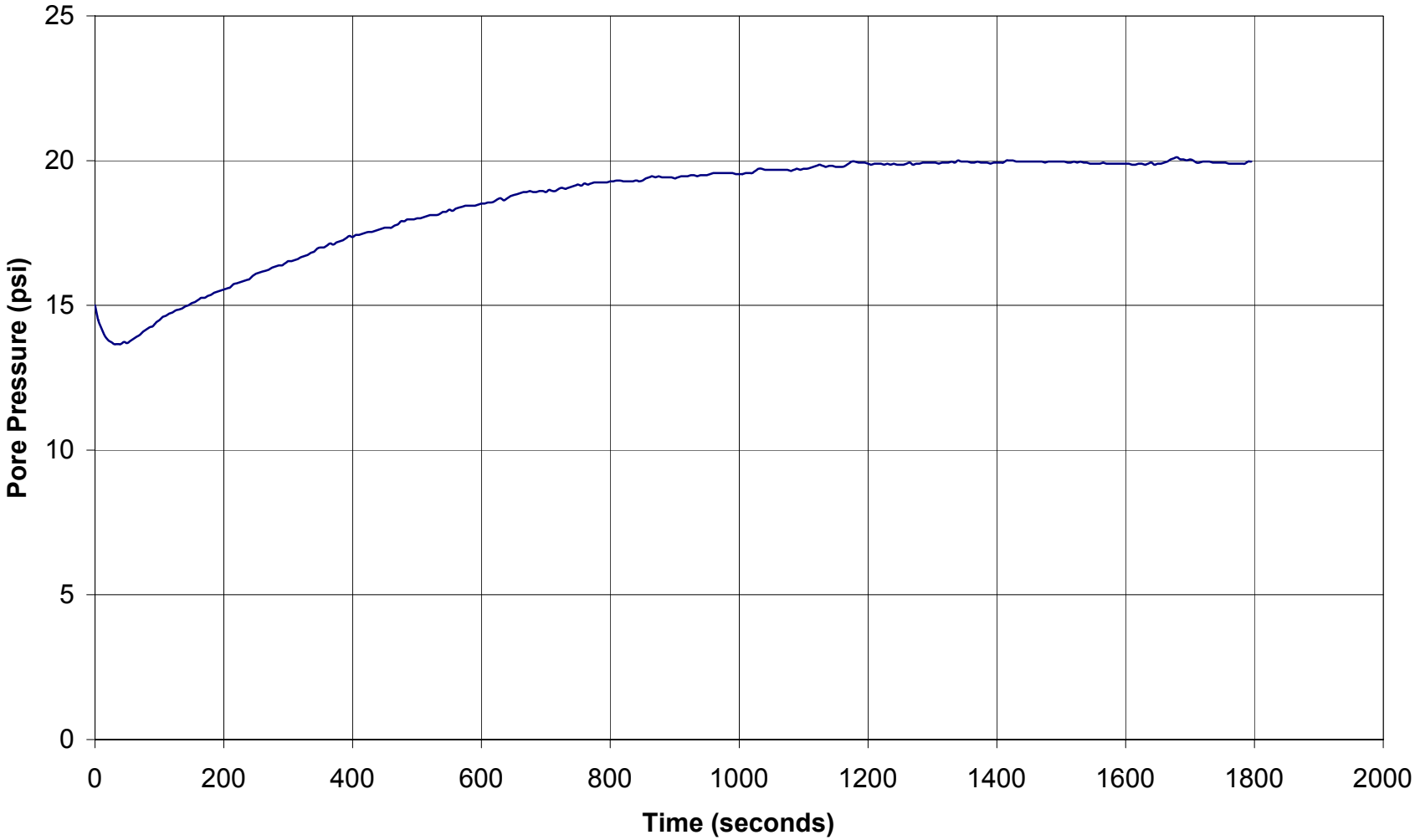
Sounding: c-4001s
Depth: 74.147
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

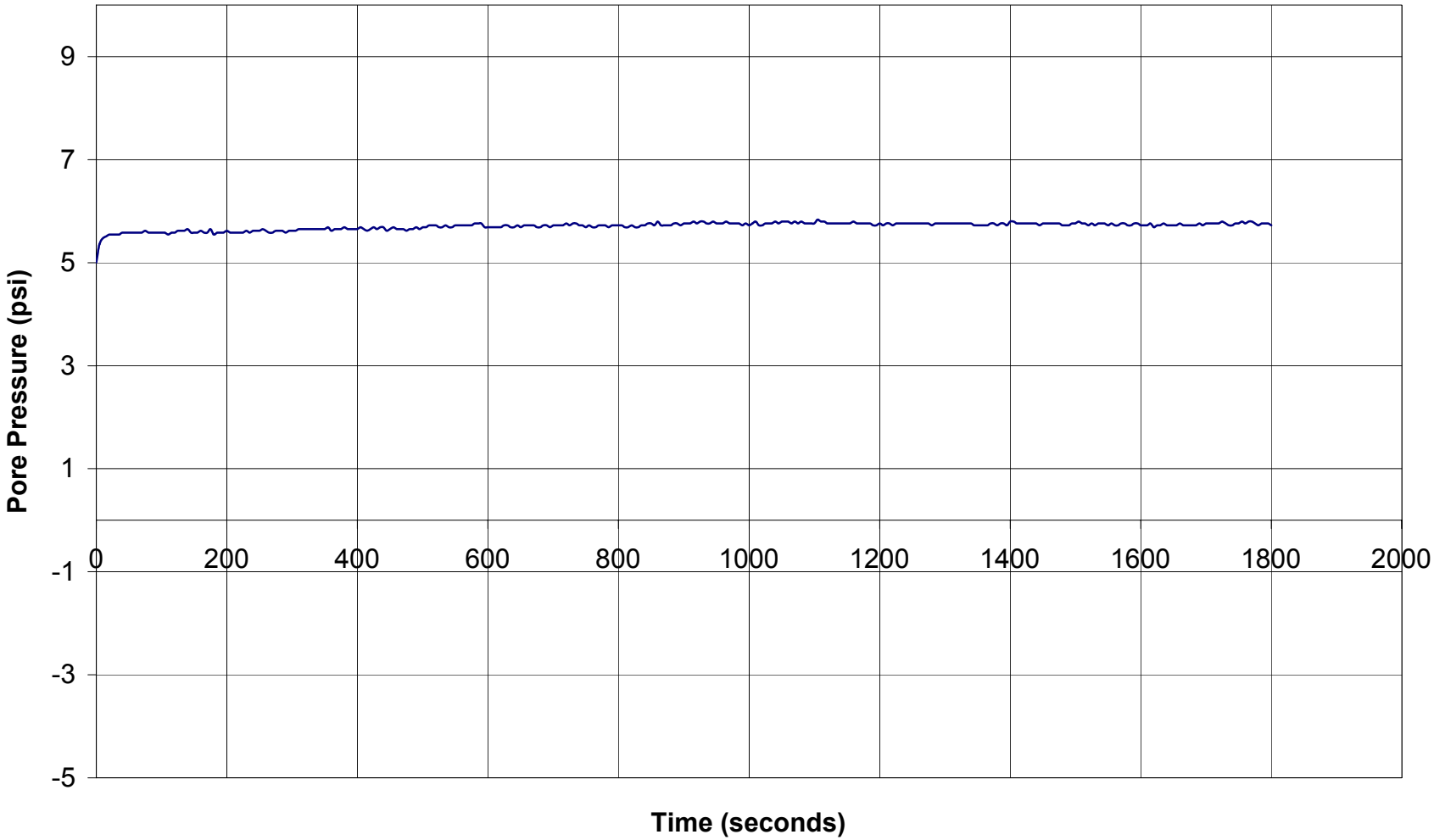
Sounding: c-4002s
Depth: 34.121
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

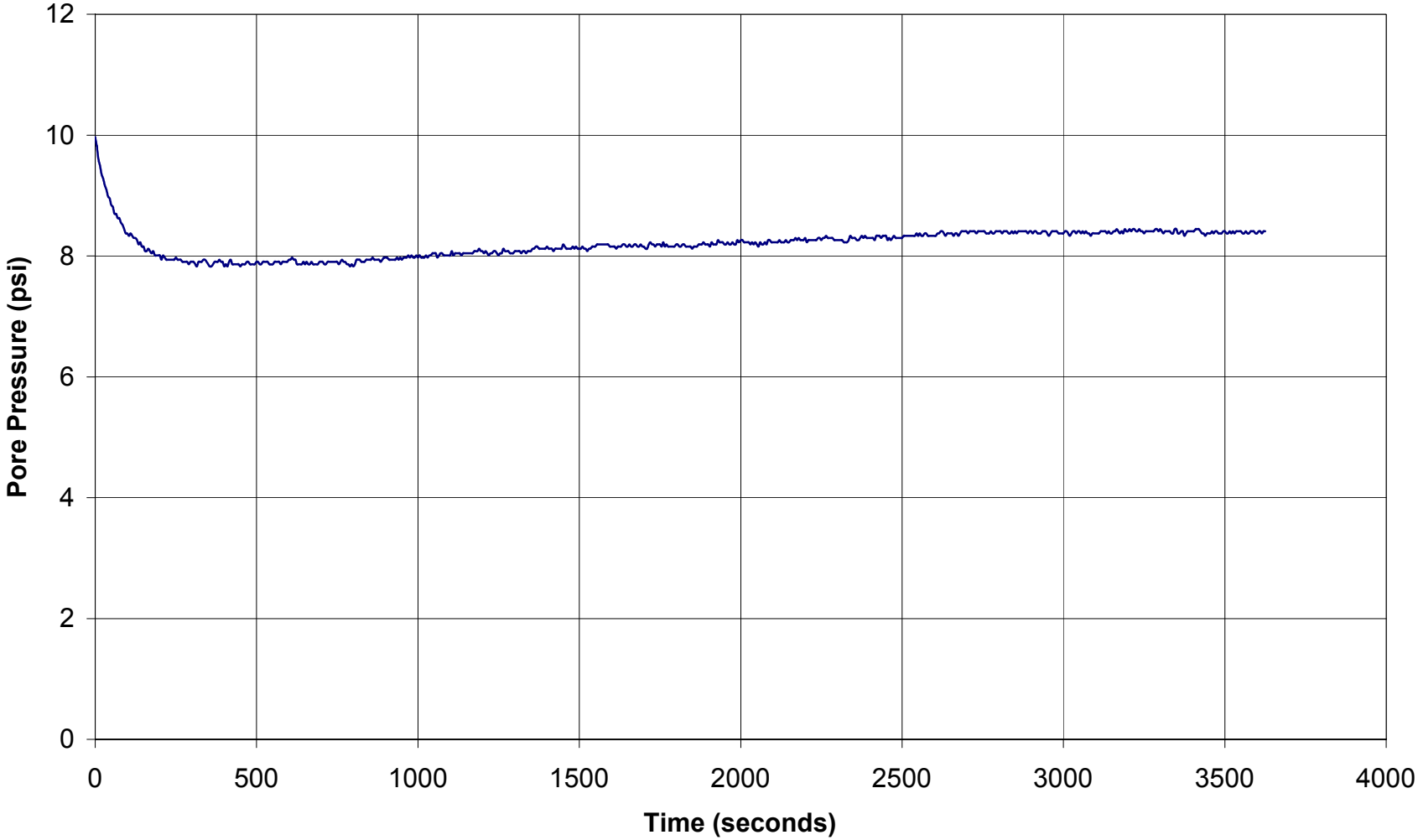
Sounding: c-4002s
Depth: 82.185
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

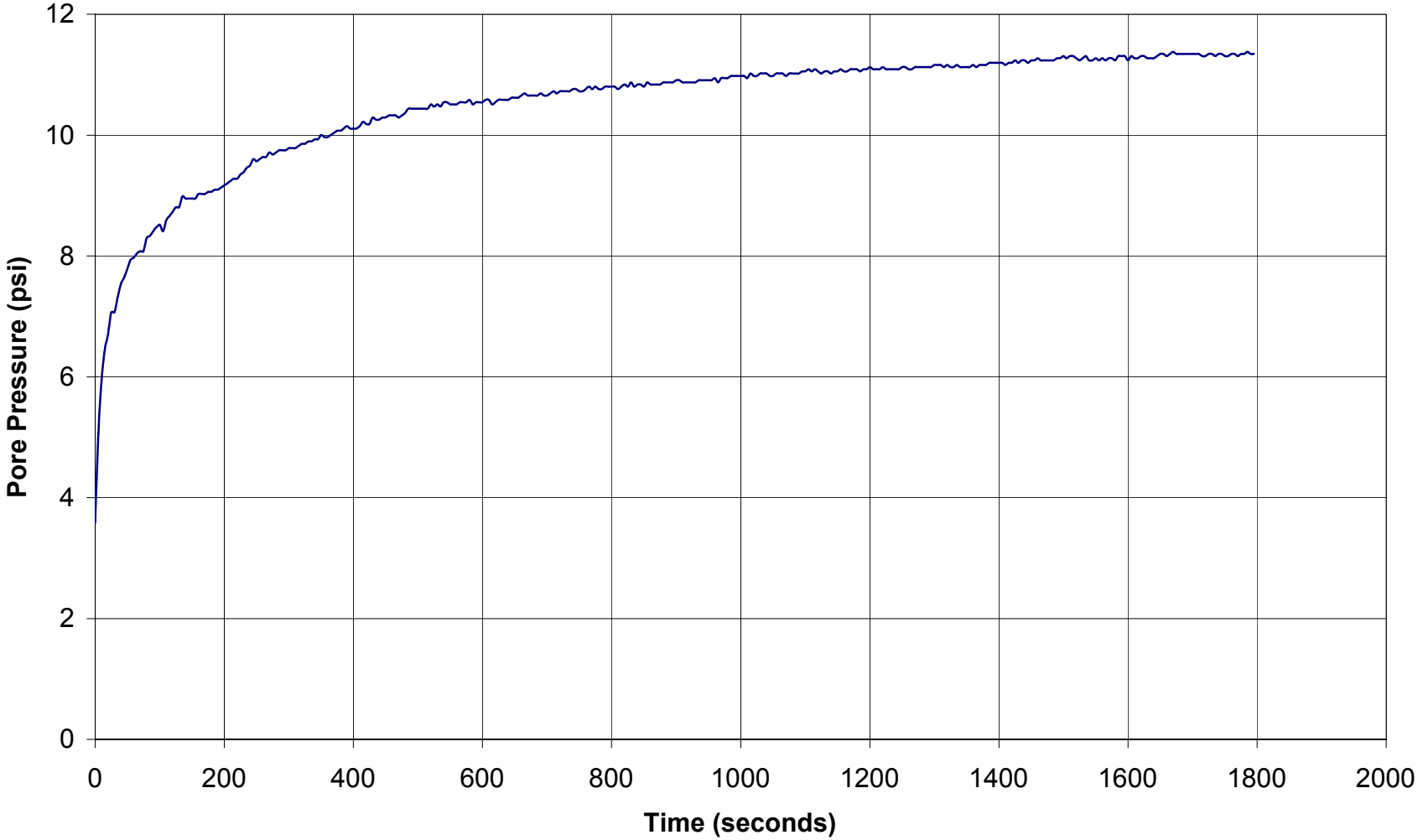
Sounding: c-4003sb
Depth: 35.105
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

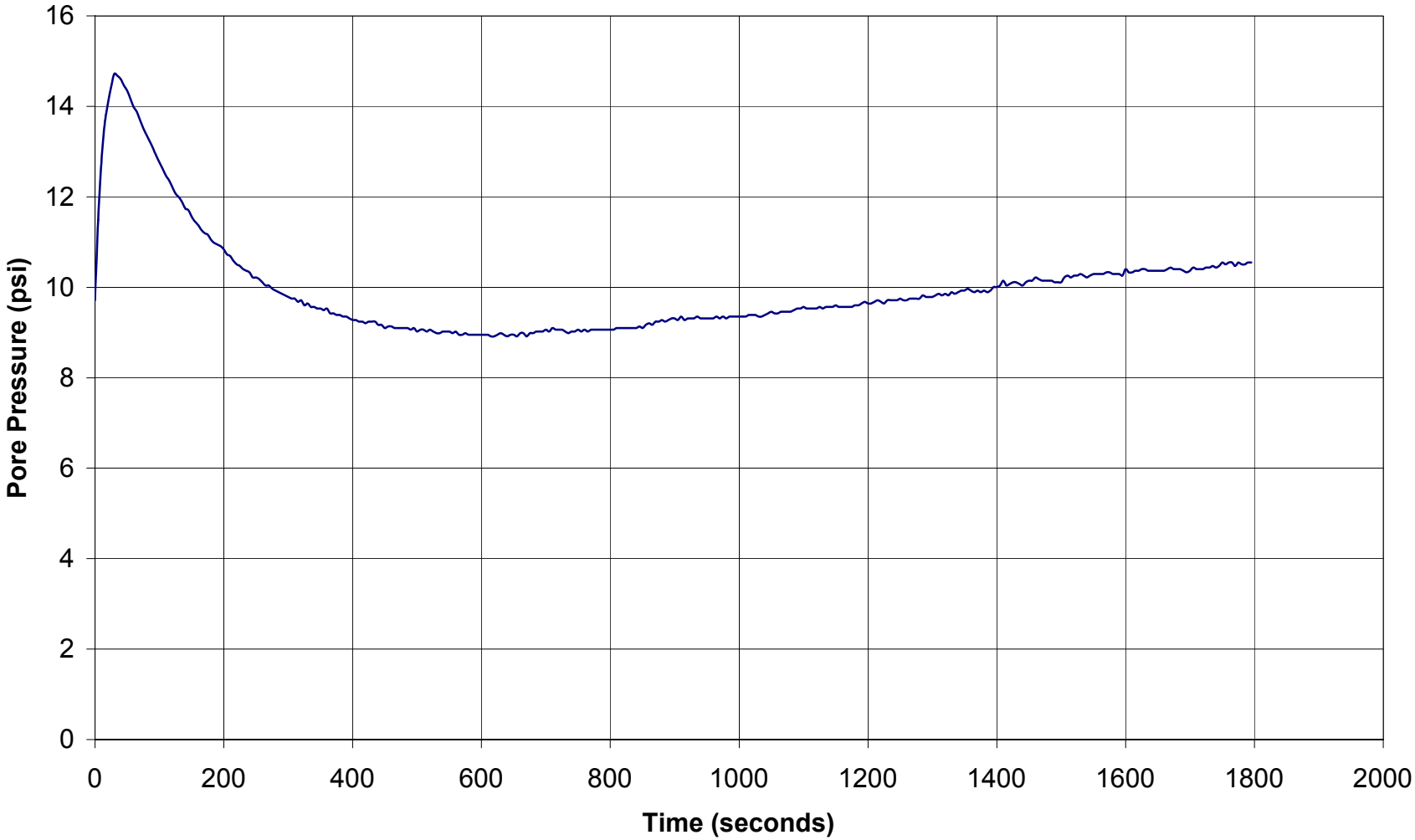
Sounding: c-4003sb
Depth: 82.513
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

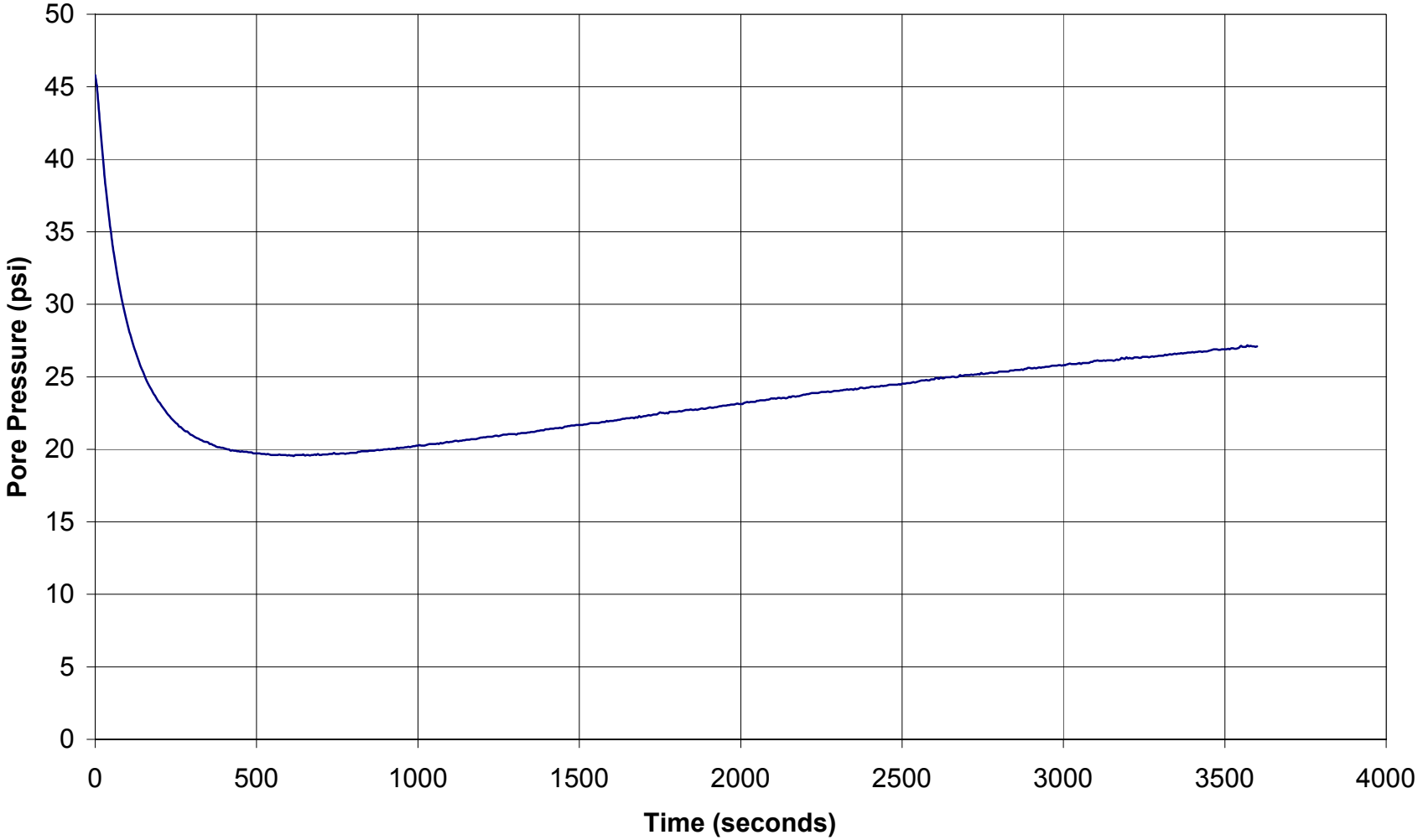
Sounding: c-4004
Depth: 41.01
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

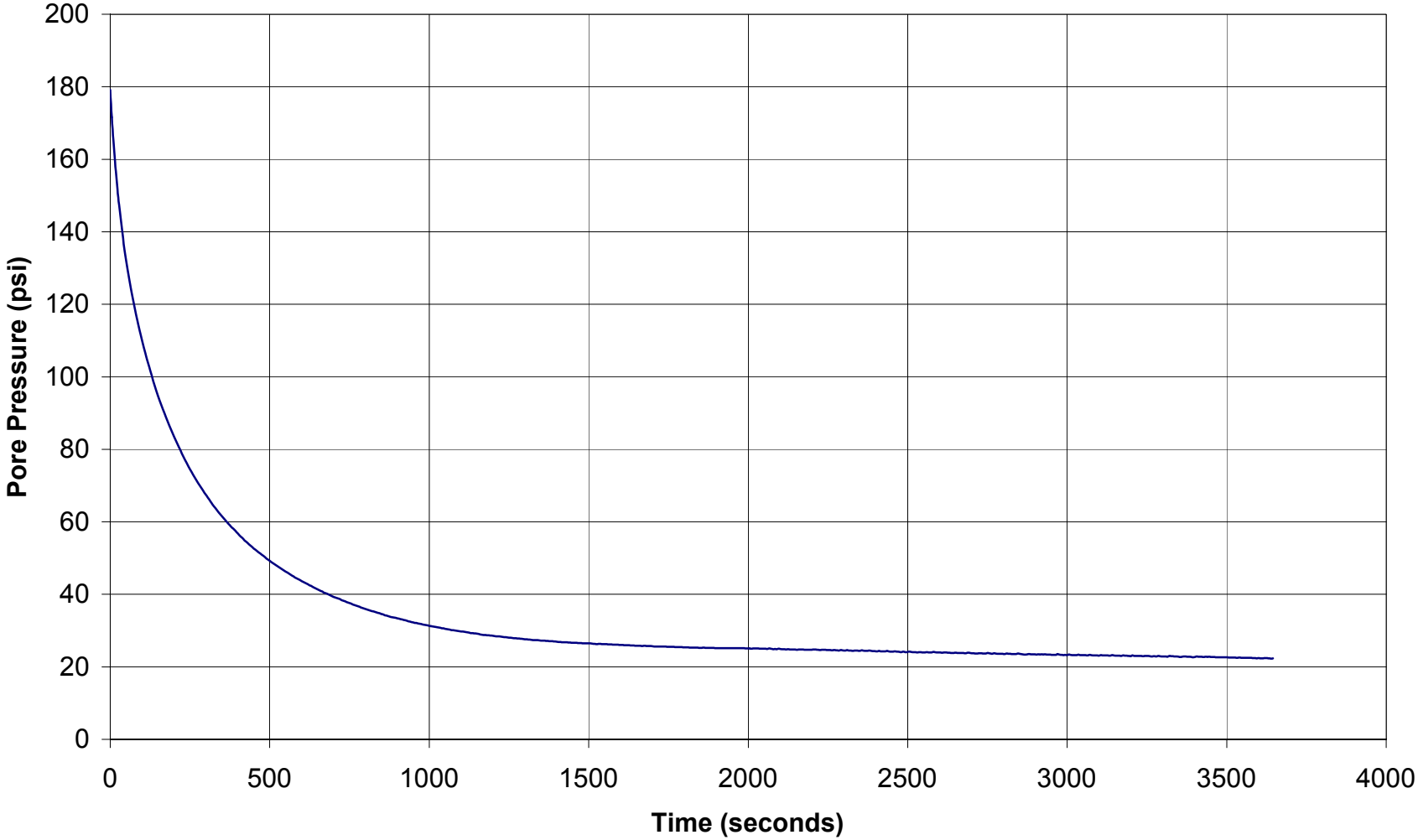
Sounding: c-4004
Depth: 77.1
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

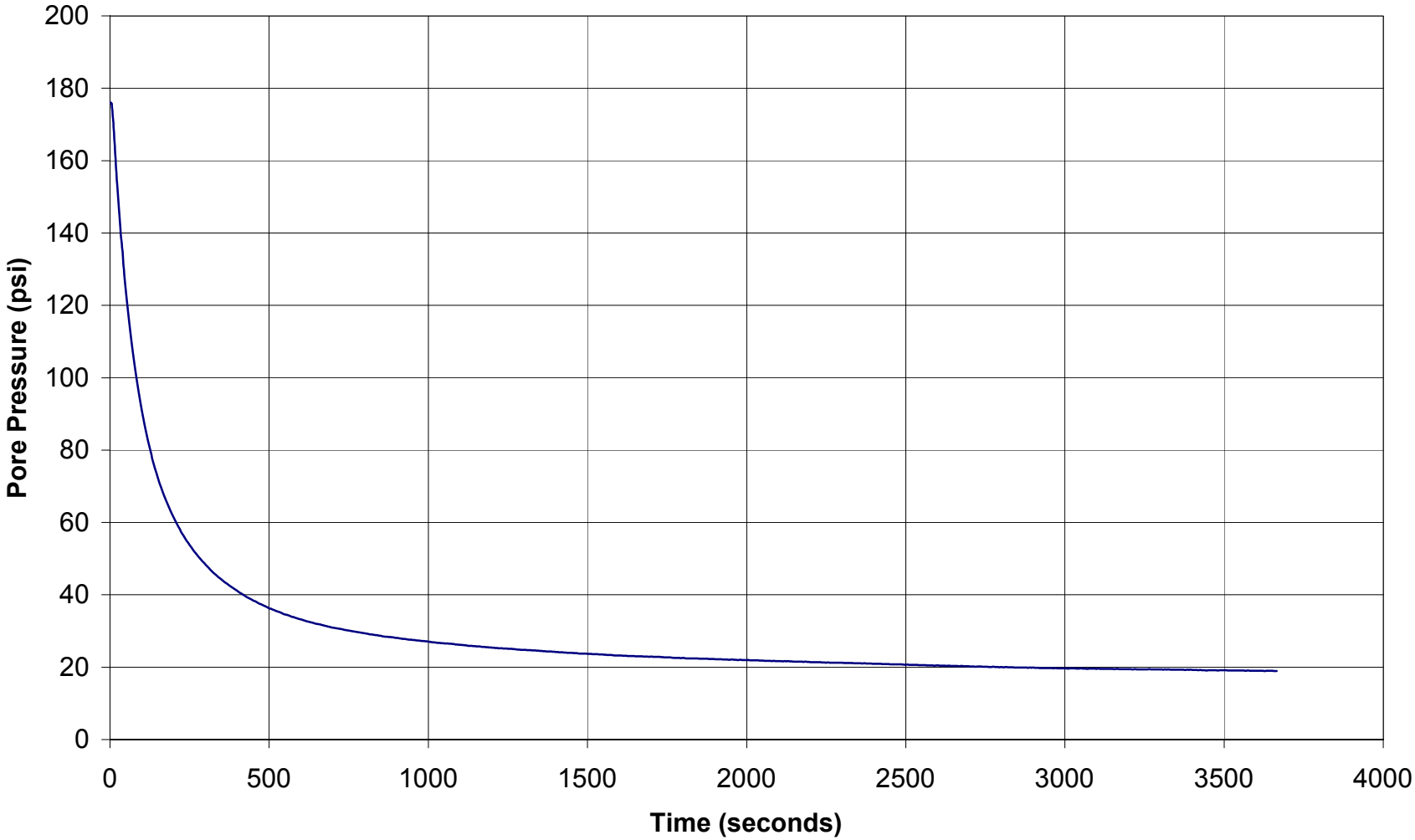
Sounding: c-4005s
Depth: 47.08
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: c-4005s
Depth: 90.223
Site: PLANT VOGTLE
Operator: R.AGUILLAR



GREGG IN SITU
Digital File Formats

CPT Data Files

Unless otherwise requested by the client, Gregg CPT data files are named such that the first 3 characters contain Gregg In-Situ, Inc. job number, the next character is typically C for CPT (S if shear waves were collected, R if Resistivity was used, U for UVIF or M for 'Mini-Cone') followed by two or three characters indicating the sounding number. The last character position is reserved for the letters a, b, c, d etc to uniquely identify multiple soundings at the same location. The CPT sounding file has the extension COR and pore pressure dissipation files have the extension PPD. As an example, for job number 05-127 (Job Number 127 in the year 2005) the first sounding will have file names 127C01.COR and 127C01.PPC.

The CPT (COR) file consists of the following components:
1. Two lines of header information
2. Data records
3. End of data marker
4. Units information

Header Lines
Line 1: Columns 1-6 are blank (future use)
Columns 7-21 contain the sounding Date and Time
Columns 22-36 contain the sounding Operator
Line 2: Columns 1-16 contain the sounding ID
Columns 17-31 Field representative
Columns 32-47 contain the project name

Data Records
The data records contain 4 or more columns of data in floating point format. A comma (and spaces) separates each data item:
Column 1: Sounding Depth (m)
Column 2: Tip (q_c) data uncorrected for pore pressure effects. Recorded in units selected by the CPT operator.
Column 3: Sleeve (f_s) data. Recorded in units selected by the operator
Column 4: Dynamic pore pressure readings (u_2). Recorded in units selected by the operator
Column 5: Exists only if specialty modules (Resistivity and/or UVIF) have been used
End of Data Marker
After the last line of data a line containing ASCII 26 (CTL-Z) and a new line (carriage return/ line feed) character. This is used to mark the end of data.
Units Information
The last section of the file contains information about the units that were selected for the sounding. A separator bar makes up the first line. The second line contains the type of units used for depth, q_c, f_s and u_2. The third line contains the conversion values required for Gregg's software to convert the recorded data to an internal set of base units (bar for q_c, bar for f_s and meters for u_2).

CPT Dissipation Files

CPT Dissipation files have the same naming convention as the CPT sounding files and have the extension PPC. PPC files consist of the following components:

1. Two lines of header information
2. Data records

Header Lines (same as COR file):
Line 1: Columns 1-6 are blank (future use)
Columns 7-21 contain the sounding Date and Time
Columns 22-36 contain the sounding Operator
Line 2: Columns 1-16 Sounding or Location ID
Columns 17-31 Field Representative
Columns 32-47 Project Name

Data Records
The data records immediately follow the header lines. Each data record can occupy several lines in the file and is a complete record of a dissipation test at a particular depth. Each data record starts with a line containing two values separated by spaces; the first value being an index number and the second being the dissipation test depth in meters. Following this line are the dissipation pore pressure values stored at 5 second intervals with a maximum of 12 entries per line. The last line of the dissipation record may not contain a full 12 entries. The data record is terminated with an ASCII 30 character (appears as a triangle in some editors). This sequence is repeated for every dissipation test in the sounding. No marker is used to indicate end of file. Unit information is not stored in this file. Users would have to check the CPT file for the units that were used.