

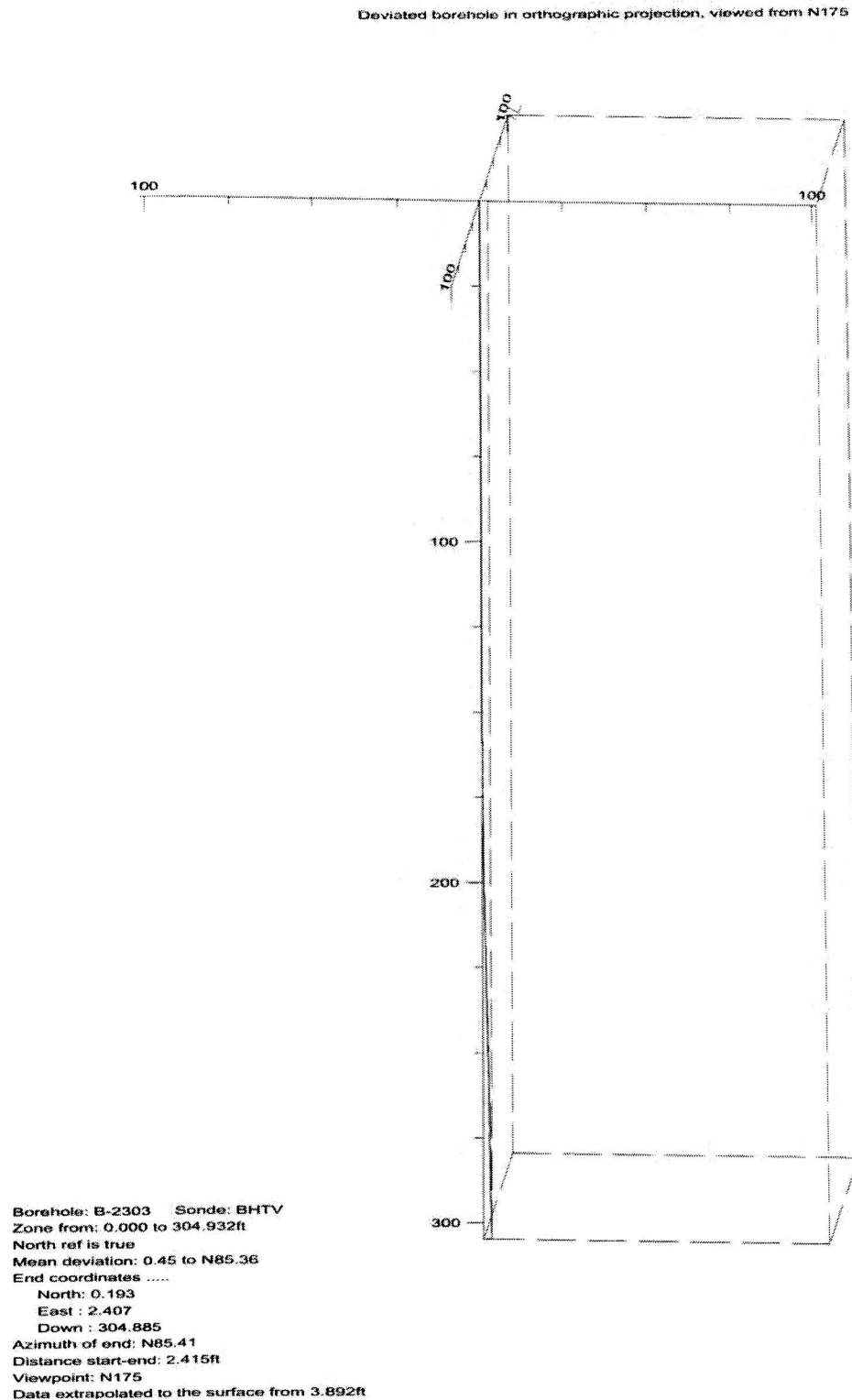


Figure 40. Boring B-2303, Deviation Projection (dimensions in feet)

VICTORIA COUNTY COL BORING B-2304 **Receiver to Receiver V_s and V_p Analysis**

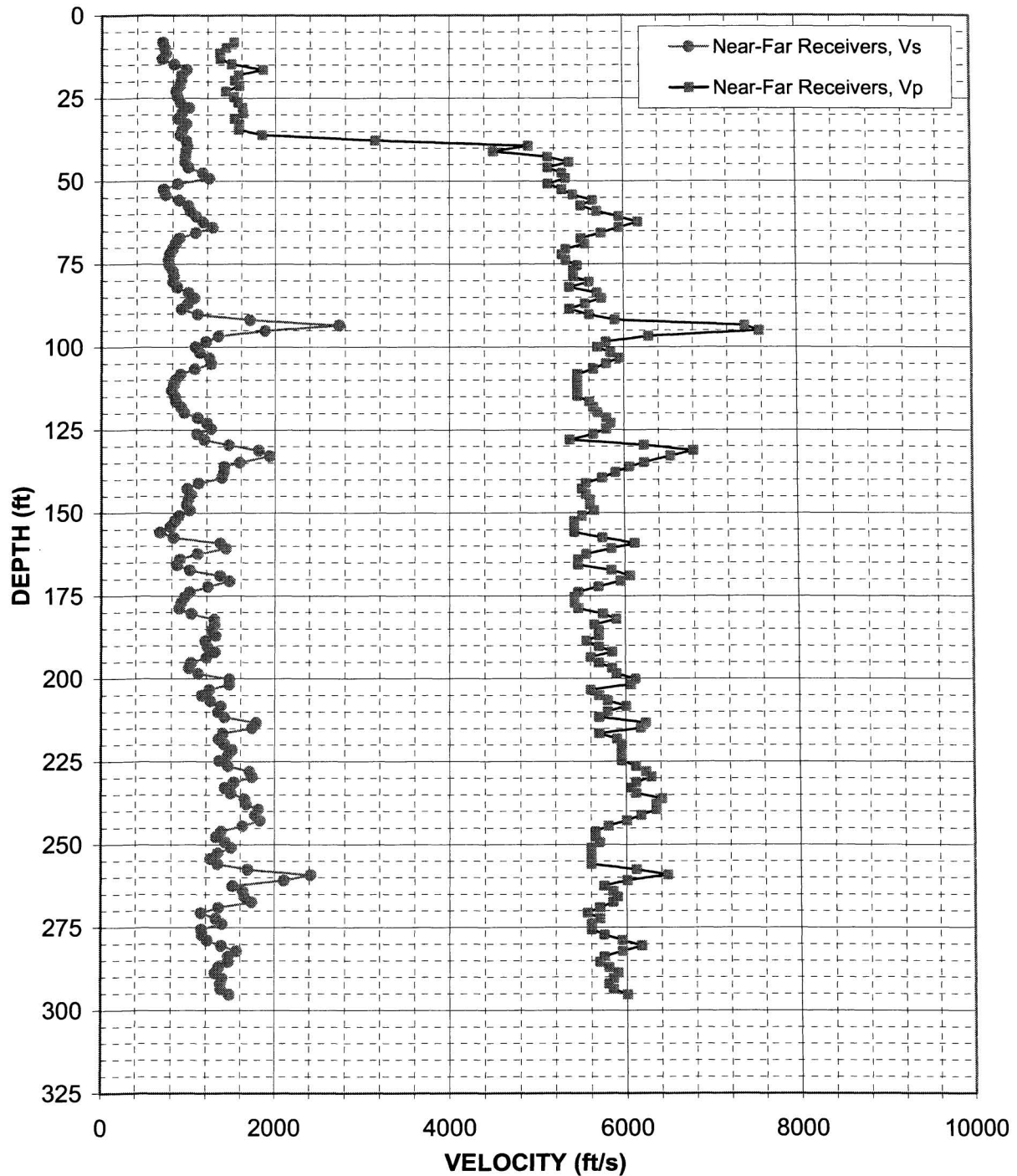


Figure 41: Boring B-2304, Suspension R1-R2 P- and S_H -wave velocities

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
8.2	680	1510	90.2	1090	5600	172.2	1220	5700
9.8	700	1420	91.9	1700	5900	173.9	1010	5460
11.5	720	1340	93.5	2730	7410	175.5	950	5420
13.1	680	1350	95.1	1880	7580	177.2	910	5420
14.8	810	1480	96.8	1330	6290	178.8	890	5460
16.4	960	1850	98.4	1190	5800	180.5	1030	5750
18.0	900	1560	100.1	1060	5700	182.1	1290	5900
19.7	890	1520	101.7	1110	5850	183.7	1300	5650
21.3	870	1570	103.4	1230	5950	185.4	1260	5700
23.0	840	1410	105.0	1250	5800	187.0	1310	5700
24.6	850	1510	106.6	1060	5650	188.7	1190	5560
26.3	880	1560	108.3	900	5460	190.3	1210	5700
27.9	990	1610	109.9	840	5460	191.9	1300	5850
29.5	910	1620	111.6	820	5460	193.6	1200	5600
31.2	860	1520	113.2	800	5460	195.2	1020	5700
32.8	960	1570	114.8	830	5460	196.9	1000	5850
34.5	910	1560	116.5	840	5600	198.5	1110	5900
36.1	880	1840	118.1	900	5650	200.1	1470	6120
37.7	950	3140	119.8	940	5700	201.8	1470	6060
39.4	970	4900	121.4	1090	5800	203.4	1230	5600
41.0	950	4500	123.0	1200	5850	205.1	1150	5700
42.7	940	5130	124.7	1250	5800	206.7	1250	5800
44.3	940	5380	126.3	1090	5650	208.3	1370	6010
45.9	980	5130	128.0	1170	5380	210.0	1340	5800
47.6	1150	5290	129.6	1460	6230	211.6	1410	5700
49.2	1220	5330	131.2	1810	6800	213.3	1780	6230
50.9	860	5130	132.9	1940	6540	214.9	1740	6170
52.5	700	5290	134.8	1590	6230	216.5	1390	5700
54.1	720	5420	136.2	1410	6060	218.2	1340	5900
55.8	870	5650	137.8	1400	5900	219.8	1410	5950
57.4	980	5510	139.4	1380	5750	221.5	1500	5950
59.1	1000	5700	141.1	1100	5560	223.1	1460	5950
60.7	1070	5950	142.7	970	5510	224.7	1360	5950
62.3	1150	6170	144.4	1020	5560	226.4	1460	6120
64.0	1260	5950	146.0	990	5600	228.0	1710	6230
65.6	1060	5750	147.6	970	5600	229.7	1740	6290
67.3	880	5510	149.3	1000	5650	231.3	1520	6120
68.9	840	5560	150.9	880	5510	232.9	1420	6060
70.5	800	5330	152.6	840	5420	234.6	1490	6120
72.2	770	5290	154.2	790	5420	236.2	1650	6410
73.8	750	5330	155.8	670	5420	237.9	1670	6350
75.5	760	5460	157.5	820	5750	239.5	1810	6350
77.1	800	5420	159.1	1360	6120	241.1	1770	6170
78.7	810	5420	160.8	1420	5850	242.8	1830	6010
80.4	810	5600	162.4	1100	5560	244.4	1630	5800
82.0	850	5380	164.0	890	5460	246.1	1370	5650
83.7	980	5700	165.7	860	5460	247.7	1320	5650
85.3	1050	5750	167.3	1010	5850	249.3	1420	5700
86.9	970	5560	169.0	1360	6060	251.0	1490	5600
88.6	900	5380	170.6	1470	5950	252.6	1340	5600

Table 19. Boring B-2304, Suspension R1-R2 depths and P- and S_H-wave velocities

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
254.3	1250	5600
255.9	1340	5600
257.6	1690	6120
259.2	2420	6470
260.8	2110	6010
262.5	1510	5750
264.1	1630	5850
265.8	1650	5900
267.4	1740	5850
269.0	1350	5700
270.7	1150	5560
272.3	1320	5700
274.0	1390	5600
275.6	1150	5600
277.2	1160	5750
278.9	1220	5950
280.5	1380	6170
282.2	1560	5950
283.8	1460	5750
285.4	1460	5700
287.1	1350	5800
288.7	1310	5900
290.4	1390	5850
292.0	1370	5800
293.6	1380	5850
295.3	1470	6010

Table 19, continued. Boring B-2304, Suspension R1-R2 depths and P- and S_H-wave velocities

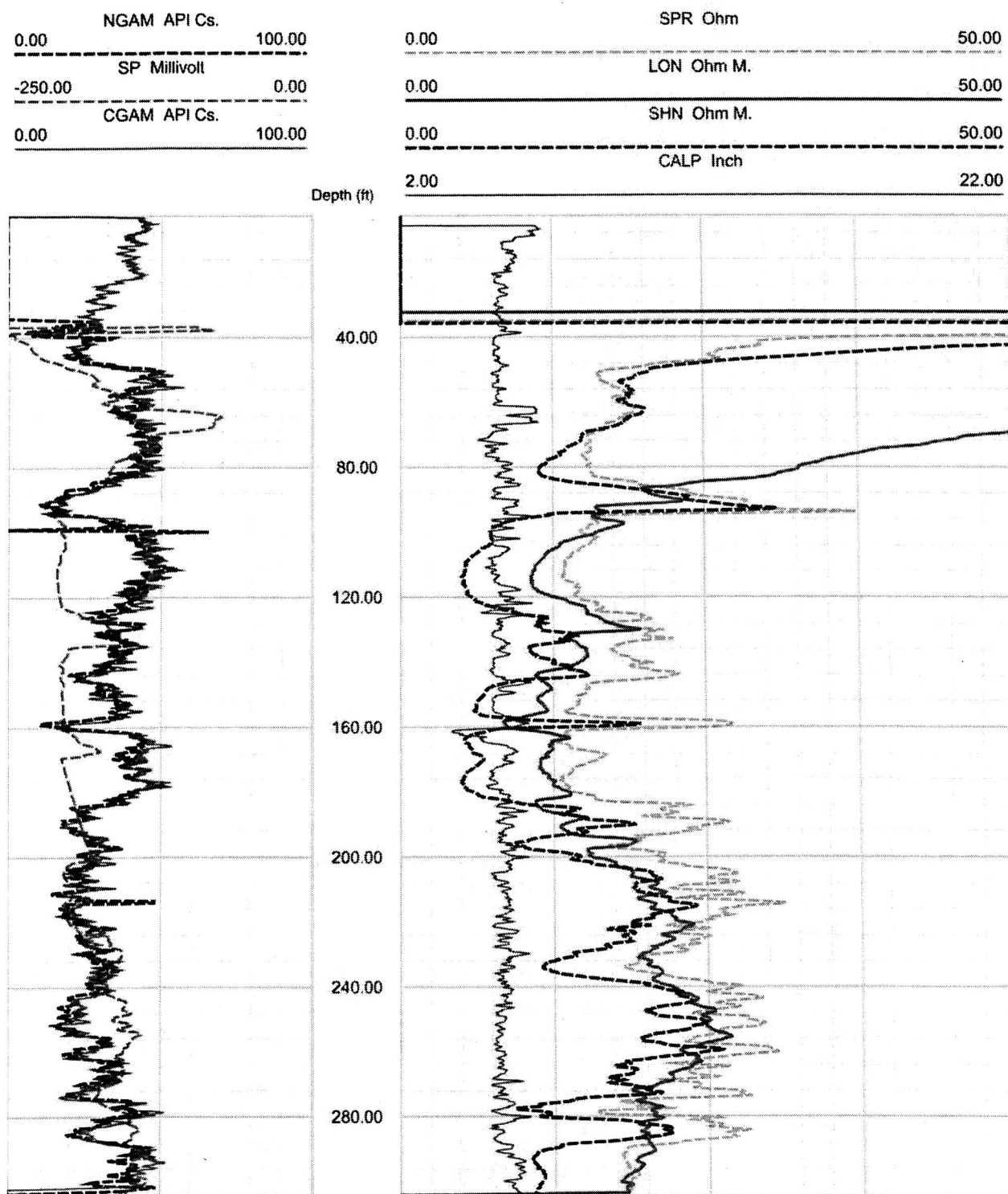


Figure 42. Boring B-2304, Caliper, Natural gamma, Resistivity and SP logs

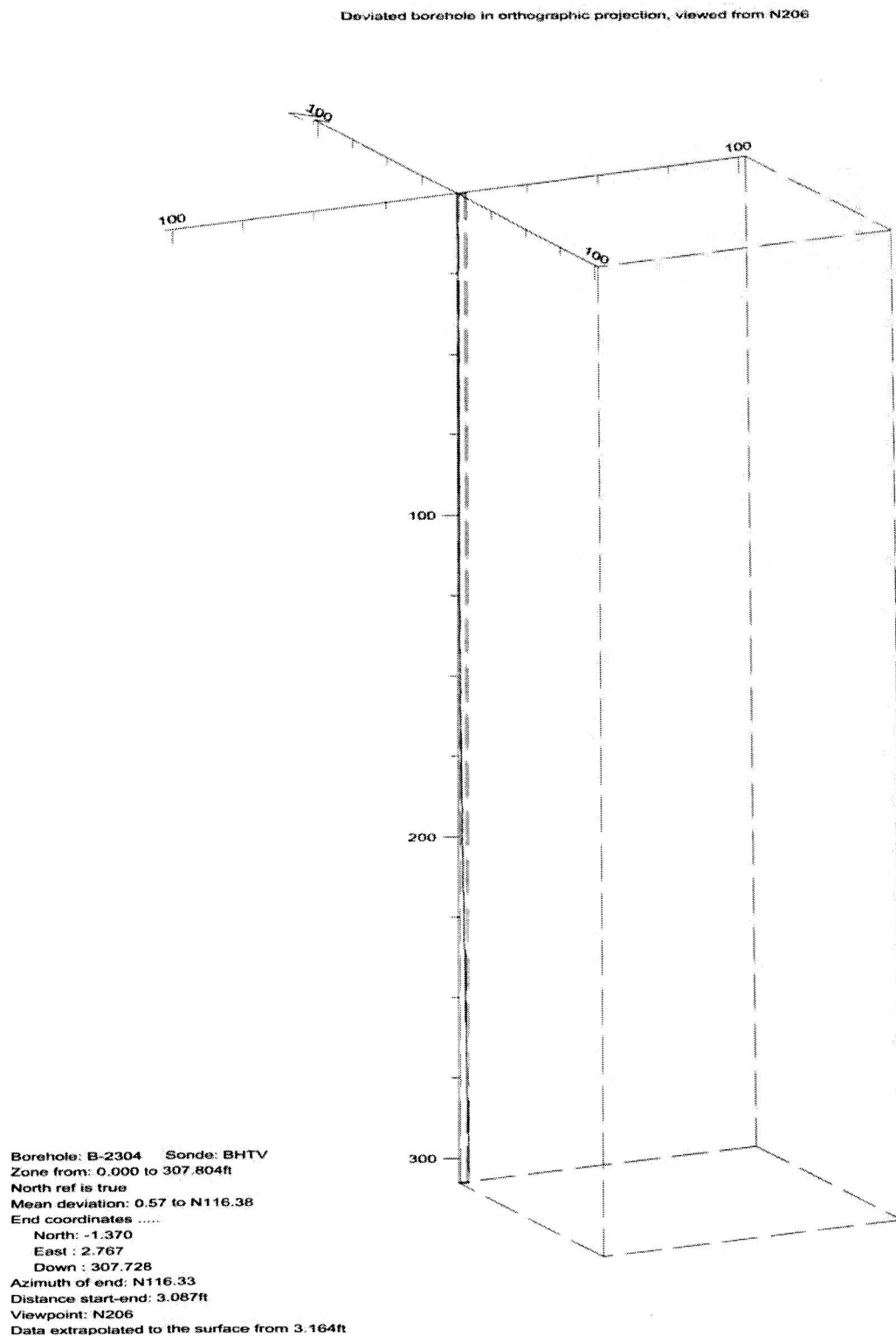


Figure 43. Boring B-2304, Deviation Projection (dimensions in feet)

VICTORIA COUNTY COL BORING B-2305 **Receiver to Receiver V_s and V_p Analysis**

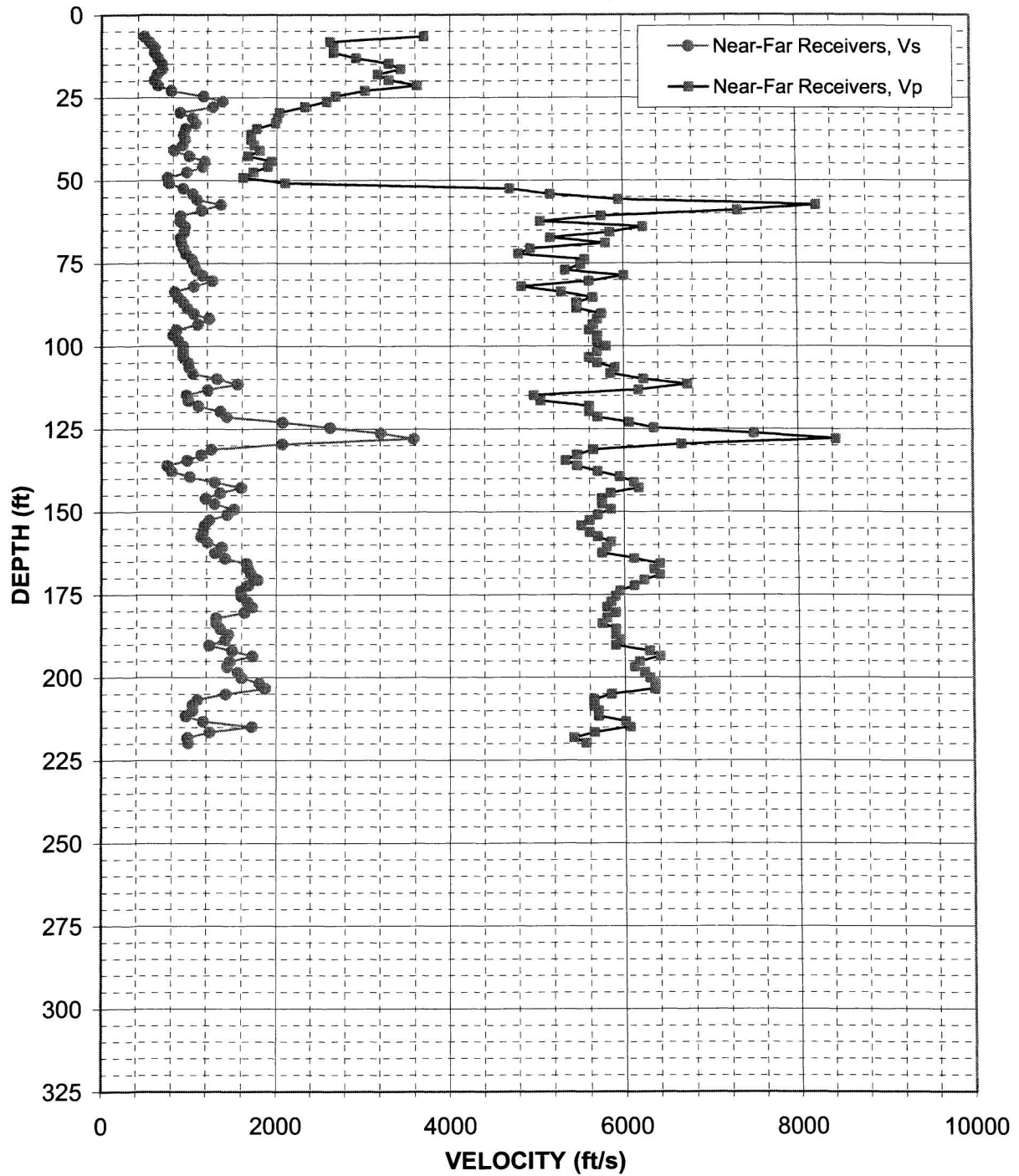


Figure 44: Boring B-2305, Suspension R1-R2 P- and S_H -wave velocities

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
6.6	460	3700	88.6	970	5460	170.6	1780	6230
8.2	520	2620	90.2	1040	5750	172.2	1680	6120
9.8	580	2670	91.9	1220	5700	173.9	1590	5950
11.5	580	2670	93.5	1090	5650	175.5	1600	5900
13.1	620	2920	95.1	840	5600	177.2	1670	5850
14.8	670	3300	96.8	800	5700	178.8	1720	5800
16.4	670	3440	98.4	860	5700	180.5	1630	5900
18.0	610	3170	100.1	920	5800	182.1	1310	5800
19.7	580	3300	101.7	920	5700	183.7	1310	5750
21.3	620	3620	103.4	920	5600	185.4	1360	5900
23.0	780	3030	105.0	980	5700	187.0	1450	5900
24.6	1150	2690	106.6	990	5900	188.7	1420	5950
26.3	1380	2580	108.3	1030	5850	190.3	1230	5900
27.9	1270	2330	109.9	1310	6230	191.9	1490	6290
29.5	880	2030	111.6	1550	6730	193.6	1730	6410
31.2	1030	2010	113.2	1210	6170	195.2	1470	6170
32.8	1060	1980	114.8	960	4980	196.9	1440	6120
34.5	940	1760	116.5	980	5050	198.5	1560	6230
36.1	920	1700	118.1	1100	5600	200.1	1600	6290
37.7	940	1700	119.8	1360	5600	201.8	1800	6350
39.4	910	1740	121.4	1420	5700	203.4	1870	6350
41.0	810	1800	123.0	2070	6060	205.1	1420	5850
42.7	990	1670	124.7	2620	6350	206.7	1100	5650
44.3	1170	1940	126.3	3210	7490	208.3	1040	5650
45.9	1150	1890	128.0	3580	8440	210.0	1040	5700
47.6	960	1730	129.6	2070	6670	211.6	960	5700
49.2	740	1610	131.2	1250	5650	213.3	1170	6010
50.9	750	2100	132.9	1130	5460	214.9	1720	6060
52.5	920	4690	134.5	970	5330	216.5	1240	5650
54.1	1030	5170	136.2	740	5460	218.2	980	5420
55.8	1080	5950	137.8	790	5700	219.8	1000	5560
57.4	1360	8230	139.4	1000	5950			
59.1	1130	7330	141.1	1290	6120			
60.7	880	5750	142.7	1590	6170			
62.3	880	5050	144.4	1360	5850			
64.0	940	6230	146.0	1190	5750			
65.6	930	5850	147.6	1290	5750			
67.3	890	5170	149.3	1520	5850			
68.9	900	5800	150.9	1440	5700			
70.5	920	4940	152.6	1230	5600			
72.2	950	4800	154.2	1170	5510			
73.8	1020	5560	156.2	1160	5600			
75.5	1040	5510	157.5	1140	5700			
77.1	1070	5330	159.1	1210	5850			
78.7	1140	6010	160.8	1380	5800			
80.4	1260	5600	162.4	1300	5750			
82.0	1040	4830	164.0	1410	6120			
83.7	820	5290	165.7	1660	6410			
85.3	860	5650	167.3	1680	6350			
86.9	920	5460	169.0	1710	6410			

Table 20. Boring B-2305, Suspension R1-R2 depths and P- and S_H-wave velocities

NGAM API Cs.		
0.00		100.00
SP Millivolt		
-200.00		0.00
CGAM API Cs.		
0.00		100.00

CALP Inch		
2.00		22.00
SHN Ohm M.		
0.00		50.00
LON Ohm M.		
0.00		50.00
SPR Ohm		
0.00		50.00

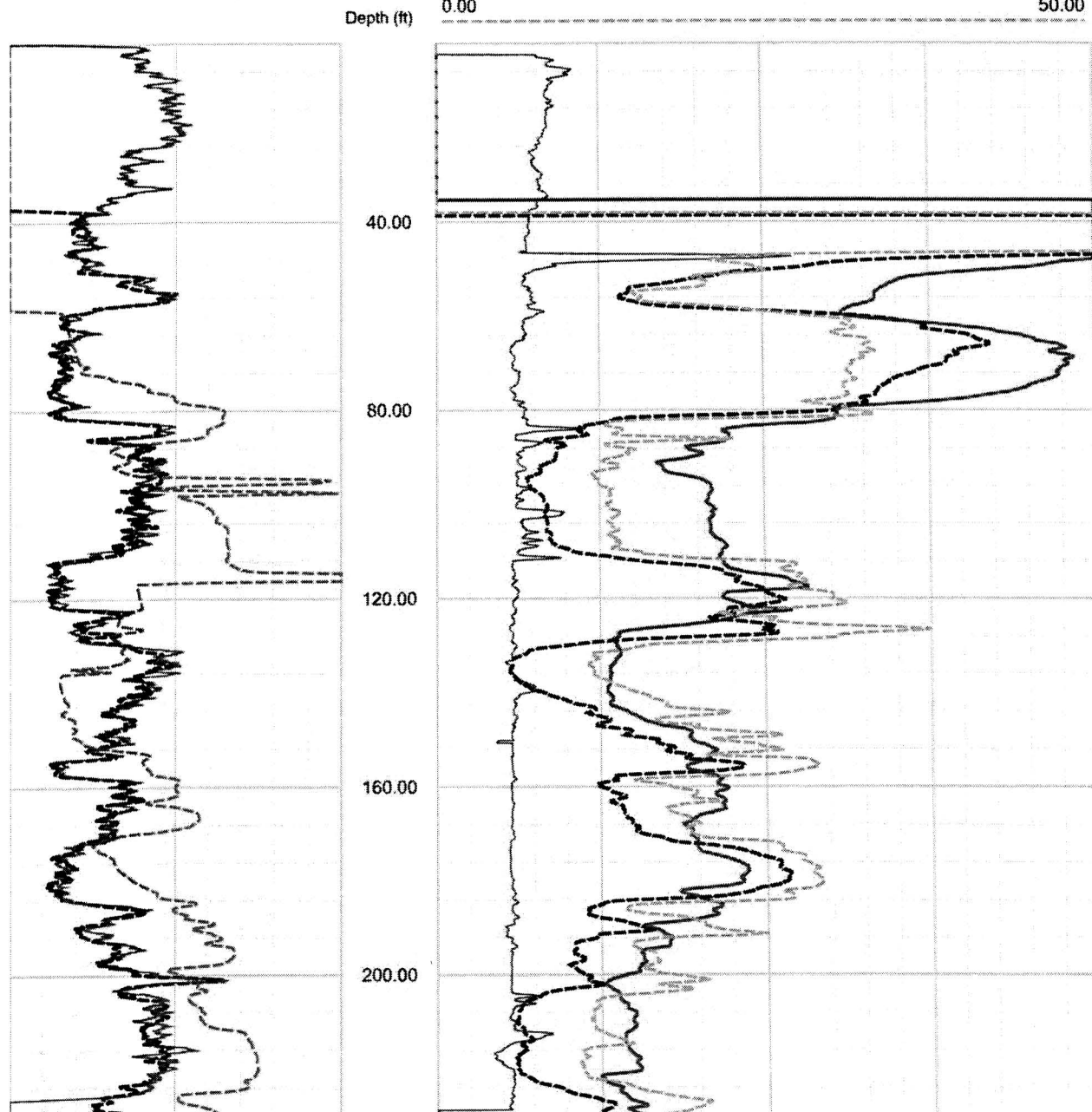


Figure 45. Boring B-2305, Caliper, Natural gamma, Resistivity and SP logs

VICTORIA COUNTY COL BORING B-2306 Receiver to Receiver V_s and V_p Analysis

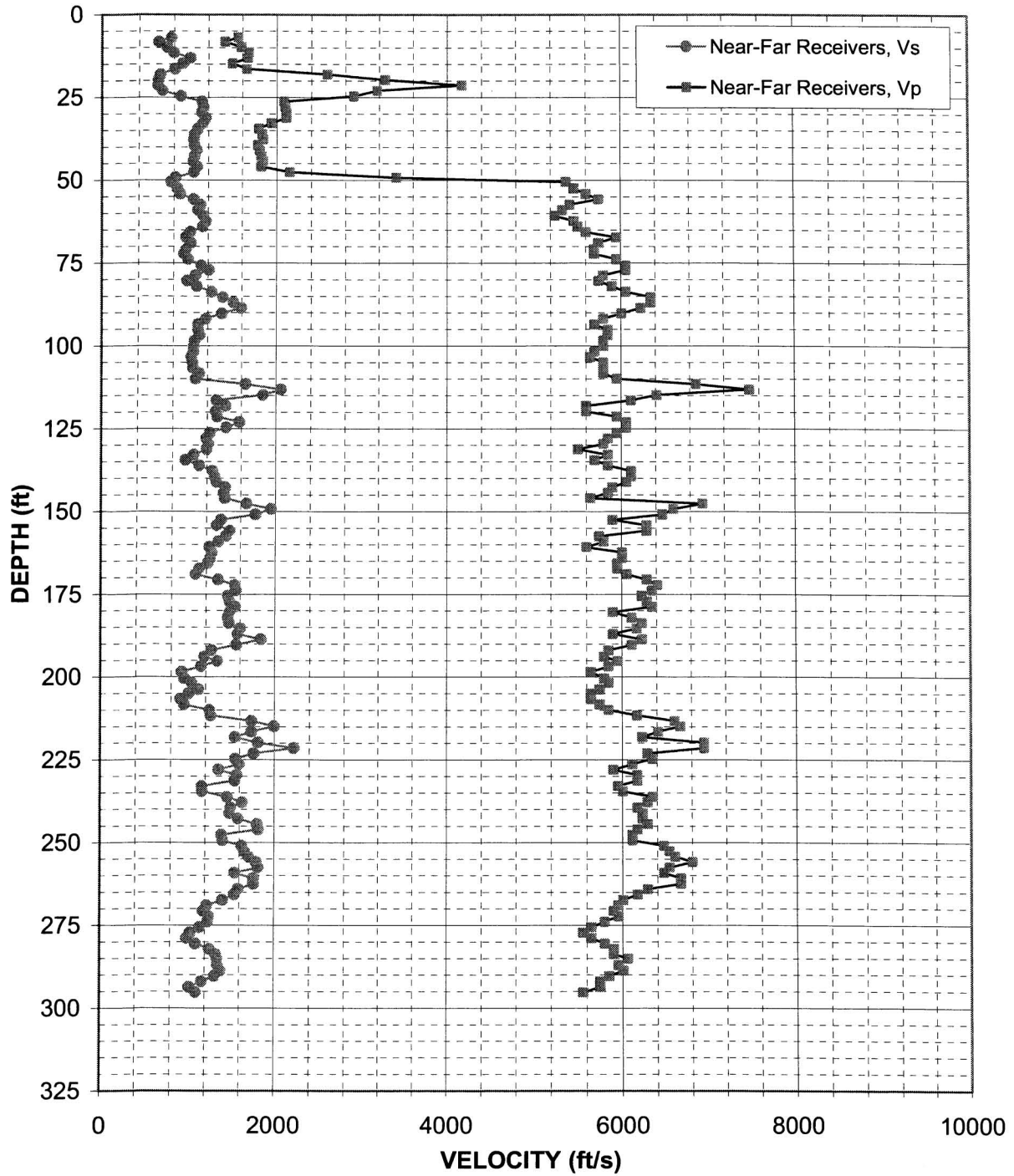


Figure 46: Boring B-2306, Suspension R1-R2 P- and S_H -wave velocities

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
6.9	770	1550	88.6	1590	6230	170.6	1340	6290
8.2	620	1390	90.2	1370	6010	172.2	1540	6410
9.8	720	1590	91.9	1180	5800	173.9	1550	6350
11.5	790	1680	93.5	1090	5700	175.5	1460	6230
13.1	990	1670	95.1	1090	5850	177.2	1470	6290
14.8	900	1480	96.8	1110	5850	178.8	1540	6350
16.4	810	1650	98.4	1050	5800	180.5	1470	5900
18.0	640	2580	100.1	1040	5800	182.1	1460	6120
19.7	620	3270	101.7	1040	5700	183.7	1470	6230
21.3	610	4170	103.4	1010	5650	185.4	1600	6170
23.0	660	3170	105.0	1020	5800	187.0	1570	5900
24.6	880	2900	106.6	1030	5800	188.7	1840	6230
26.3	1130	2080	108.3	1100	5800	190.3	1560	6120
27.9	1140	2100	109.9	1060	5950	191.9	1260	5850
29.5	1120	2110	111.6	1650	6870	193.9	1180	5800
31.2	1170	2110	113.2	2060	7490	195.2	1330	5950
32.8	1130	1940	114.8	1850	6410	196.9	1150	5850
34.5	1080	1790	116.5	1310	6120	198.5	920	5650
36.1	1040	1830	118.1	1420	5600	200.5	950	5800
37.7	1030	1840	119.8	1300	5600	201.8	1040	5850
39.4	1040	1780	121.4	1320	5950	203.7	1110	5750
41.0	1060	1800	123.0	1580	6060	205.1	1000	5650
42.7	1040	1820	124.7	1420	6060	206.7	910	5650
44.3	1020	1840	126.3	1230	5950	208.3	950	5750
45.9	1070	1820	128.0	1190	5850	210.0	1240	5850
47.6	1030	2150	129.6	1220	5800	211.6	1260	6170
49.2	820	3400	131.2	1190	5510	213.3	1740	6600
50.5	770	5380	132.9	1040	5850	214.9	2000	6670
52.5	840	5460	134.5	950	5700	216.5	1740	6410
54.1	870	5600	136.2	1110	5850	218.2	1540	6230
55.8	1030	5750	137.8	1270	6120	219.8	1810	6940
57.4	1110	5420	139.4	1290	6120	221.5	2220	6940
59.1	1080	5330	141.1	1310	6060	223.1	1760	6290
60.7	1140	5250	142.7	1420	5900	224.7	1550	6350
62.3	1170	5460	144.4	1400	5850	226.4	1590	6120
64.0	1140	5510	146.0	1410	5650	228.0	1350	5900
65.6	990	5600	147.6	1670	6940	229.7	1570	6170
67.3	940	5950	149.3	1950	6600	231.3	1540	6170
68.9	1000	5750	150.9	1770	6470	232.9	1160	5950
70.9	940	5700	152.6	1370	5900	234.6	1160	6010
72.2	920	5700	154.2	1320	6290	236.2	1460	6350
73.8	970	5950	155.8	1470	6290	237.9	1630	6290
75.8	1120	6060	157.5	1430	5750	239.5	1490	6170
77.1	1210	6060	159.1	1340	5800	241.1	1480	6230
78.7	1050	5800	160.8	1230	5600	242.8	1580	6230
80.4	960	5750	162.4	1260	6010	244.4	1800	6290
82.0	1070	5900	164.0	1240	6010	246.1	1820	6170
83.7	1240	6060	165.7	1220	5950	247.7	1390	6120
85.3	1380	6350	167.3	1110	5950	249.3	1400	6120
86.9	1500	6350	169.0	1080	6060	251.0	1630	6470

Table 21. Boring B-2306, Suspension R1-R2 depths and P- and S_H-wave velocities

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
252.6	1660	6540
254.3	1710	6600
255.9	1790	6800
257.6	1820	6540
259.2	1550	6470
260.8	1760	6670
262.5	1760	6670
264.1	1590	6290
265.8	1540	6170
267.4	1410	6010
269.0	1220	5950
270.7	1180	5900
272.3	1240	5950
274.0	1230	5800
275.6	1140	5650
277.2	1030	5560
278.9	990	5650
280.5	1090	5800
282.2	1250	5900
283.8	1330	5900
285.1	1340	6060
287.1	1350	5950
288.7	1380	6010
290.4	1310	5850
292.0	1170	5750
293.6	1020	5750
295.3	1100	5560
296.9	-	-

Table 21, continued. Boring B-2306, Suspension R1-R2 depths and P- and S_H-wave velocities

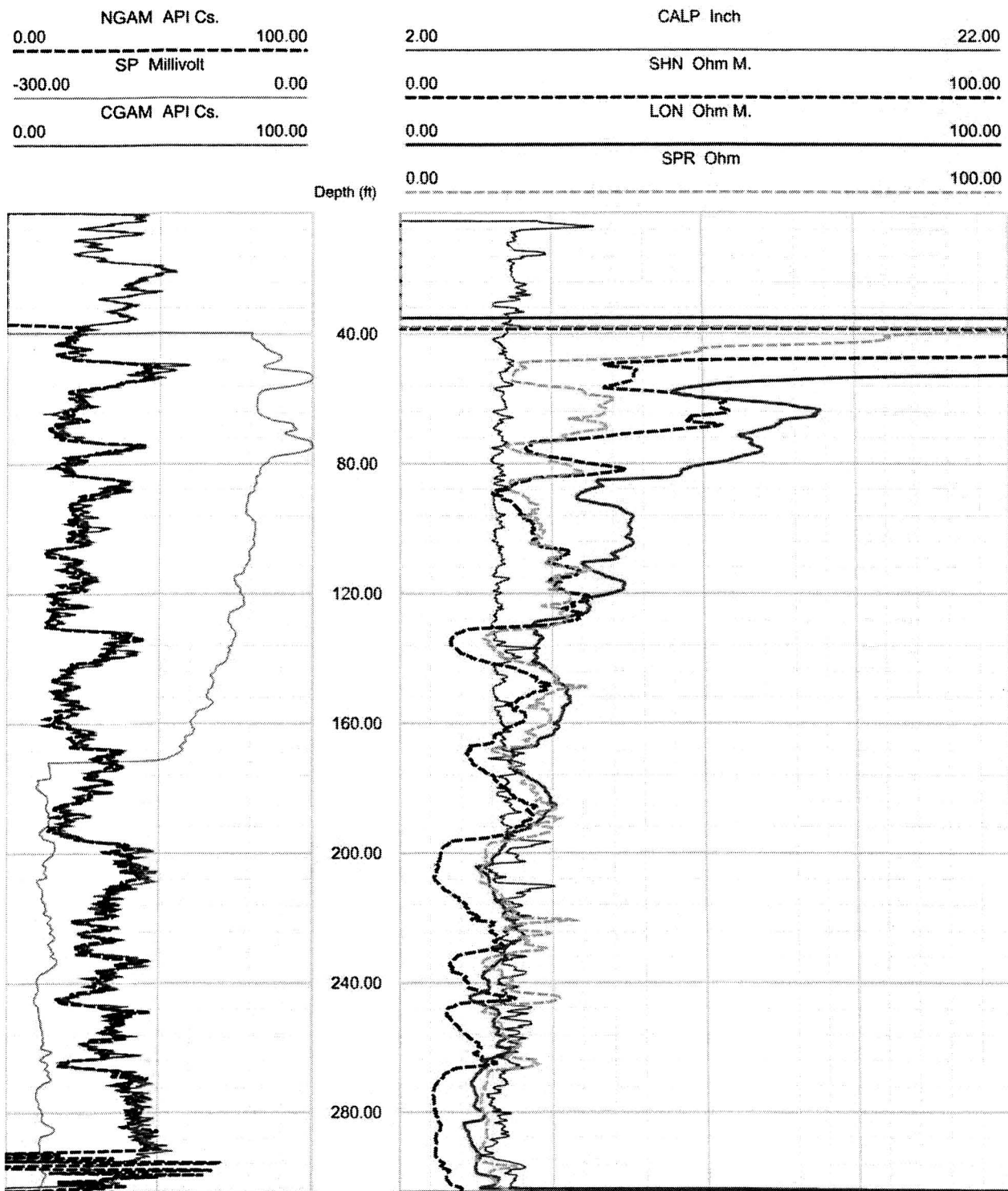


Figure 47. Boring B-2306, Caliper, Natural gamma, Resistivity and SP logs

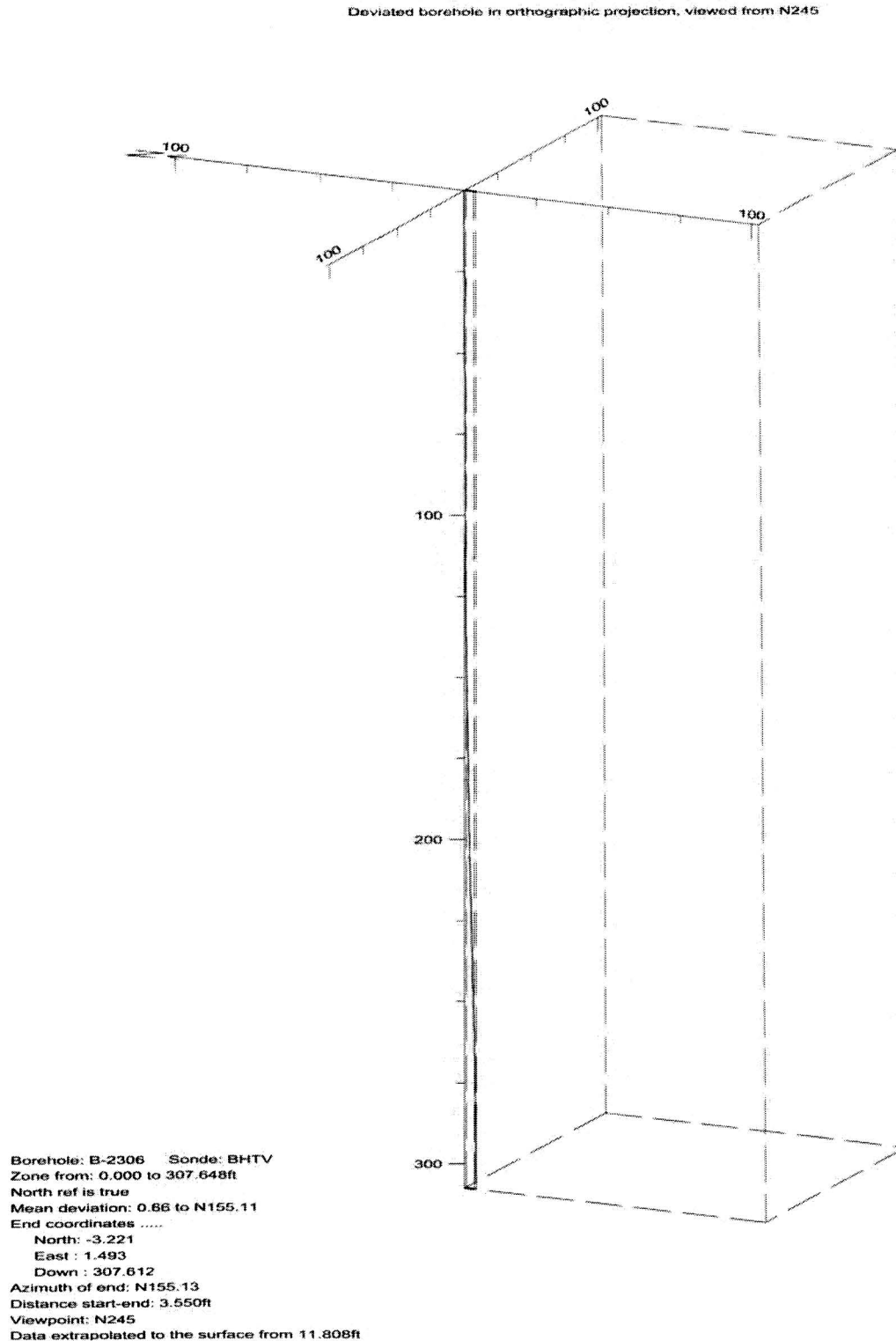


Figure 48. Boring B-2306, Deviation Projection (dimensions in feet)

VICTORIA COUNTY COL BORING B-2307 **Receiver to Receiver V_s and V_p Analysis**

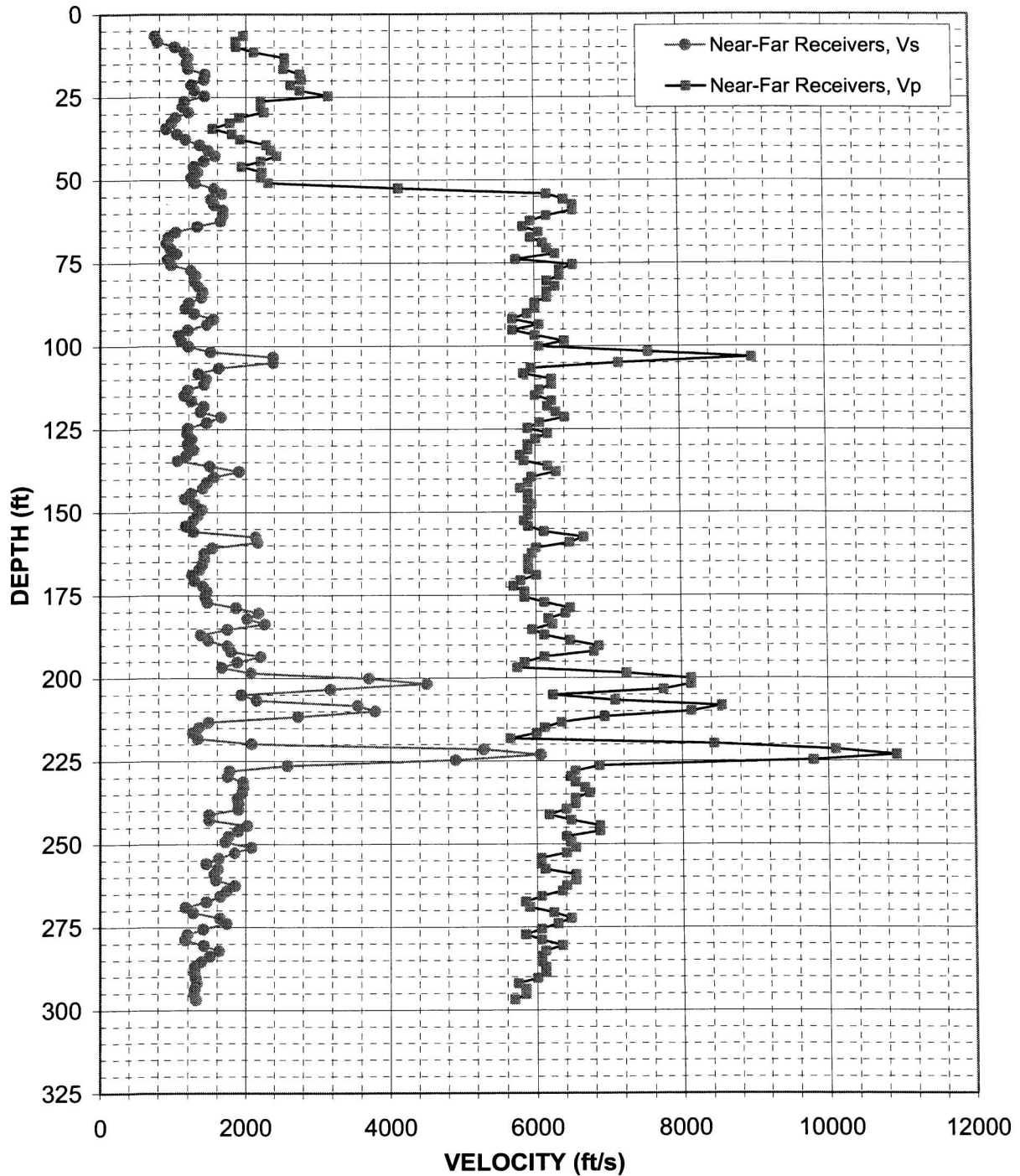


Figure 49: Boring B-2307, Suspension R1-R2 P- and S_H -wave velocities

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
6.6	730	1960	88.6	1150	6010	170.6	1290	5800
8.2	770	1850	90.2	1280	5900	172.2	1400	5700
9.8	1010	1860	91.9	1540	5700	173.9	1460	5850
11.5	1140	2110	93.5	1450	6060	175.5	1430	5850
13.1	1190	2540	95.1	1190	5700	177.2	1460	6120
14.8	1170	2540	96.8	1060	6010	178.8	1860	6470
16.4	1190	2530	98.4	1100	6410	180.5	2180	6410
18.0	1420	2750	100.1	1190	6060	182.1	2020	6170
19.7	1410	2780	101.7	1500	7580	183.7	2270	6230
21.3	1230	2620	103.4	2380	9010	185.4	1750	5950
23.0	1280	2750	105.0	2380	7170	187.0	1370	6120
24.6	1420	3140	106.6	1620	5950	188.7	1470	6470
26.3	1140	2210	108.3	1330	5850	190.3	1750	6870
27.9	1110	2210	109.9	1440	6230	191.9	1790	6800
29.5	1190	2250	111.6	1410	6230	193.6	2210	6120
31.2	1020	1900	113.2	1190	6060	195.2	1880	5850
32.8	960	1770	114.8	1140	6010	196.9	1670	5750
34.5	890	1530	116.5	1240	6230	198.5	2070	7250
36.1	1040	1800	118.1	1410	6170	200.1	3700	8130
37.7	1150	1920	119.8	1370	6290	201.8	4500	8130
39.4	1350	2280	121.4	1650	6410	203.4	3170	7750
41.0	1470	2350	123.0	1450	6060	205.1	1940	6230
42.7	1560	2430	124.7	1190	5900	206.7	2150	7090
44.3	1410	2210	126.3	1180	6170	208.3	3550	8550
45.9	1270	1940	128.0	1240	6010	210.0	3790	8130
47.6	1320	2220	129.6	1190	5900	211.6	2730	6940
49.2	1230	2210	131.2	1270	5900	213.3	1480	6350
50.9	1290	2310	132.9	1170	5800	214.9	1350	6120
52.5	1550	4120	134.5	1050	5850	216.5	1270	6010
54.1	1660	6170	136.2	1490	6170	218.2	1330	5650
55.8	1510	6410	137.8	1900	6290	219.8	2080	8440
57.4	1550	6540	139.4	1550	5950	221.5	5290	10100
59.1	1680	6540	141.1	1460	5900	223.1	6060	10930
60.7	1680	6170	142.7	1400	5800	224.7	4900	9800
62.3	1640	5950	144.4	1230	5900	226.4	2580	6870
64.0	1320	5850	146.0	1150	5900	228.0	1770	6540
65.6	1020	6060	147.6	1290	5950	229.7	1750	6470
67.3	920	5950	149.3	1390	5900	231.3	1960	6540
68.9	900	6120	150.9	1330	5900	232.9	1970	6670
70.5	950	6170	152.6	1270	5850	234.6	1950	6730
72.2	1040	6290	154.2	1170	5900	236.2	1880	6540
73.8	910	5750	155.8	1270	6120	237.9	1900	6540
75.5	960	6540	157.5	2140	6670	239.5	1890	6410
77.1	1230	6350	159.1	2160	6470	241.1	1490	6170
78.7	1300	6350	160.8	1530	6010	242.8	1490	6470
80.4	1280	6170	162.4	1420	5950	244.4	2020	6870
82.0	1330	6290	164.0	1420	5900	246.1	1890	6870
83.7	1390	6170	165.7	1390	5900	247.7	1760	6410
85.3	1380	6170	167.3	1350	5900	249.3	1710	6470
86.9	1200	6010	169.0	1250	6010	251.0	2080	6540

Table 22. Boring B-2307, Suspension R1-R2 depths and P- and S_H-wave velocities

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
252.6	1850	6410
254.3	1630	6060
255.9	1450	6060
257.6	1610	6120
259.2	1560	6540
260.8	1590	6540
262.5	1850	6410
264.1	1740	6350
265.8	1650	6060
267.4	1460	5850
269.0	1170	5900
270.7	1270	6230
272.3	1640	6470
274.0	1740	6290
275.6	1410	6060
277.2	1190	5850
278.9	1170	6060
280.5	1420	6350
282.2	1630	6120
283.8	1500	6060
285.4	1380	6060
287.1	1300	6120
288.7	1290	6120
290.4	1310	6010
292.0	1320	5750
293.6	1300	5850
295.3	1290	5850
296.9	1310	5700

Table 22, continued. Boring B-2307, Suspension R1-R2 depths and P- and S_H-wave velocities

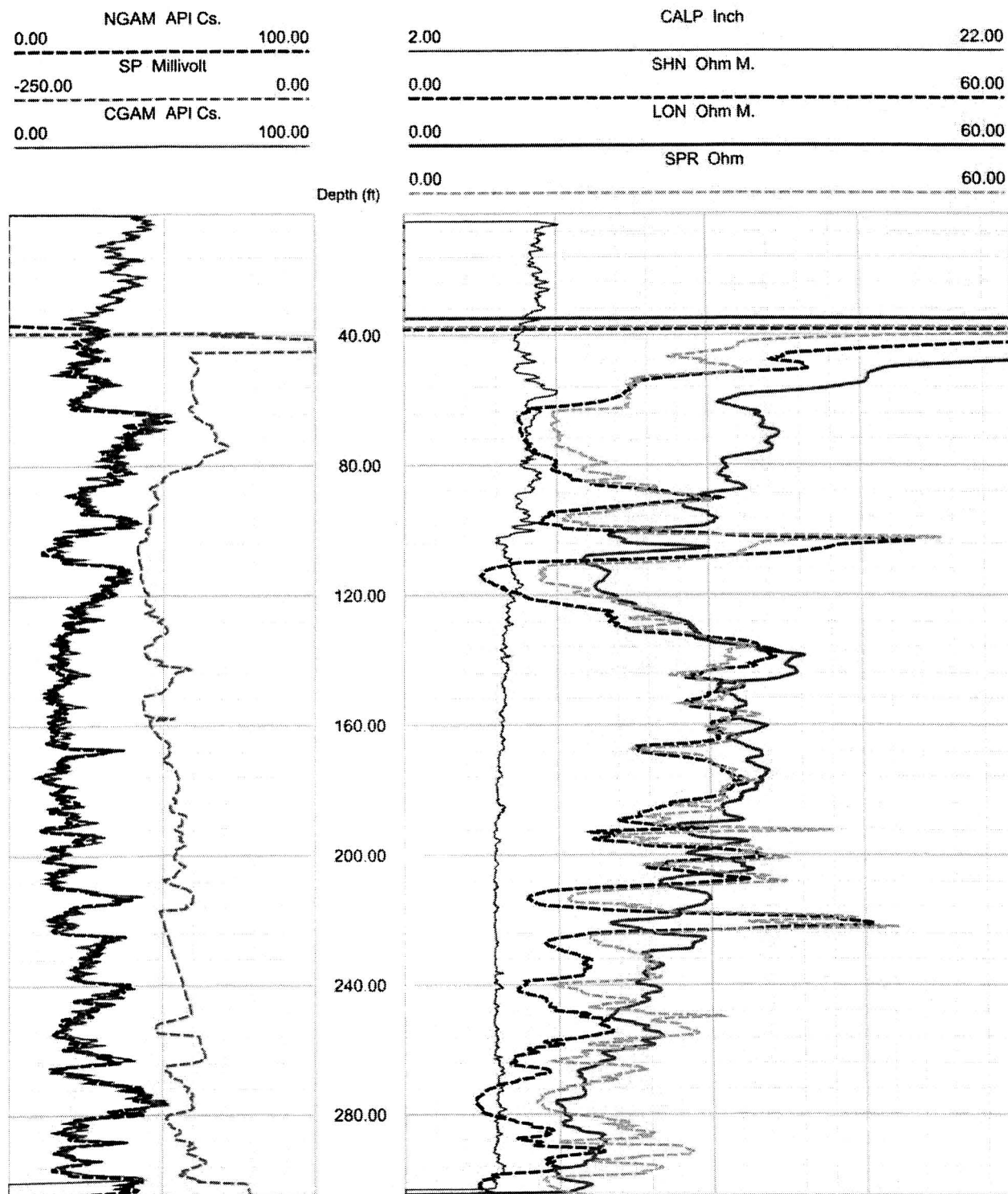


Figure 50. Boring B-2307, Caliper, Natural gamma, Resistivity and SP logs

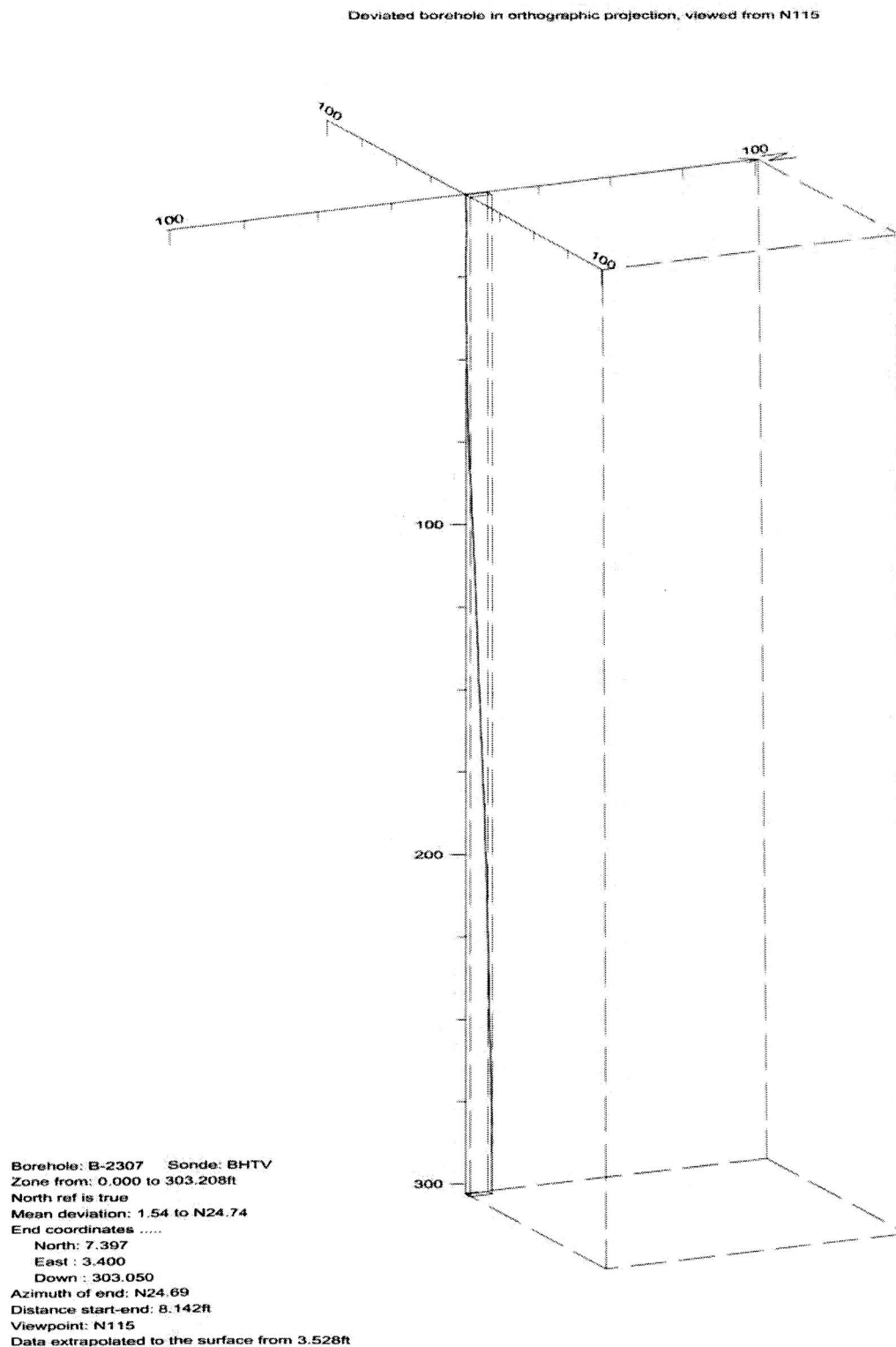


Figure 51. Boring B-2307, Deviation Projection (dimensions in feet)

APPENDIX A

SUSPENSION VELOCITY MEASUREMENT QUALITY ASSURANCE SUSPENSION SOURCE TO RECEIVER ANALYSIS RESULTS

VICTORIA COUNTY BORING B-11

Source to Receiver and Receiver to Receiver Analysis

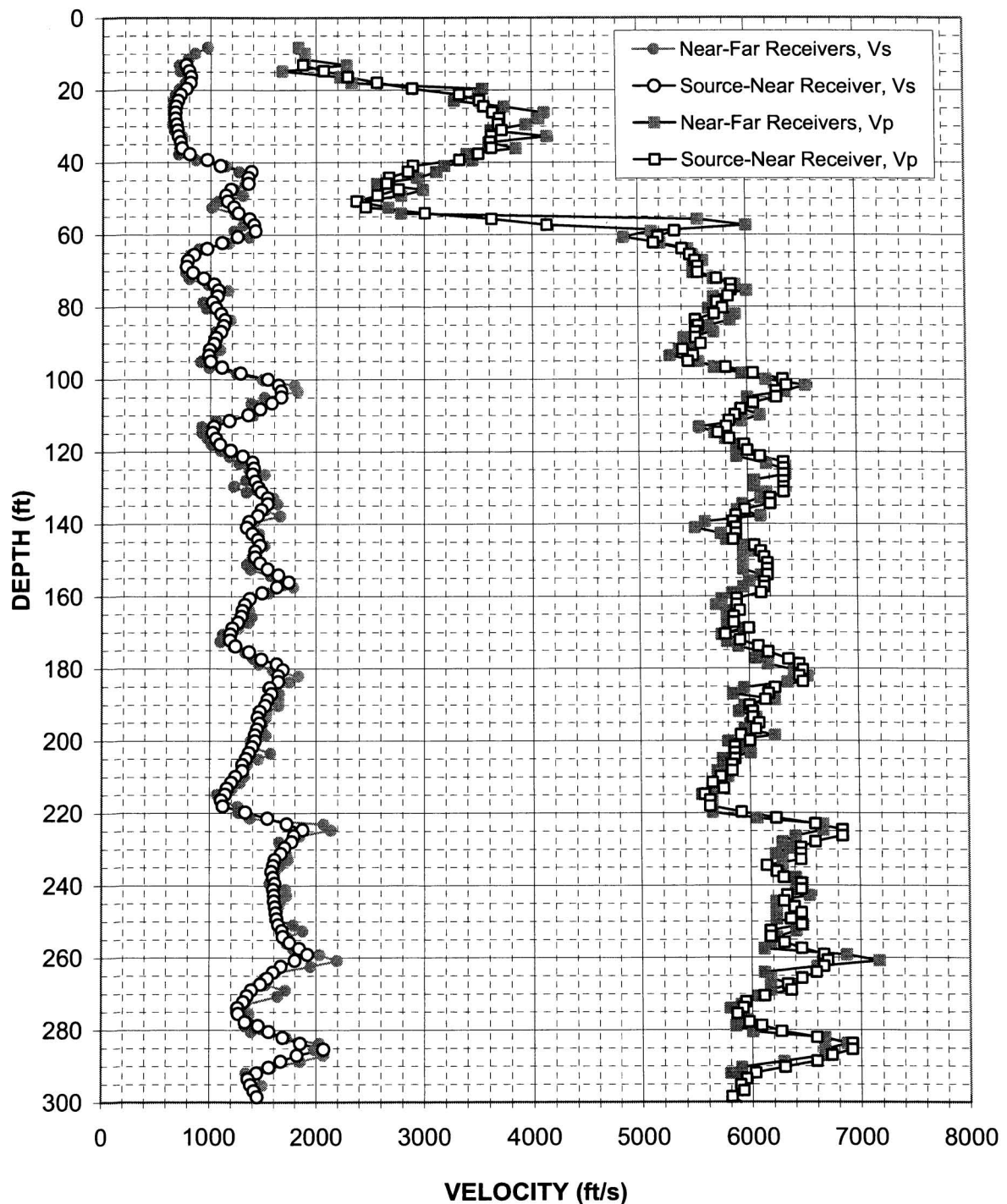


Figure A-1. Boring B-11, R1 - R2 high resolution analysis
and S - R1 quality assurance analysis P- and S_H -wave data

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
8.2	970	1830	90.2	1050	5510	172.6	1100	5800
9.8	850	1890	91.9	1090	5380	173.9	1220	5900
11.5	790	1890	93.5	1020	5290	175.5	1330	6120
13.1	710	2280	95.1	910	5560	177.2	1400	6060
14.8	720	1680	96.8	990	5700	178.8	1460	6170
16.4	800	2220	98.4	1240	5950	180.5	1590	6410
18.0	760	2330	100.1	1490	6170	182.1	1830	6540
19.7	710	3550	101.7	1790	6540	183.7	1750	6350
21.3	670	3510	103.4	1820	6350	185.4	1540	5950
23.0	650	3280	105.0	1510	6010	187.0	1650	5850
24.6	650	3750	106.6	1380	6010	188.7	1640	6230
26.3	650	4120	108.3	1460	5950	190.3	1640	5950
27.9	650	4070	109.9	1400	6120	191.9	1530	5900
29.5	650	3940	111.6	1050	5950	193.6	1520	6060
31.2	660	3620	113.2	920	5560	195.2	1490	6010
32.8	730	4140	114.8	930	5700	196.9	1480	5950
34.5	720	3600	116.5	970	5800	198.5	1520	6230
36.1	710	3850	118.1	1010	5900	200.1	1380	5800
37.7	700	3400	119.8	1100	5900	201.8	1410	5950
39.4	860	3450	121.4	1180	5900	203.4	1560	6010
41.0	1140	3190	123.4	1270	6170	205.1	1450	5750
42.7	1260	3120	125.0	1360	6350	206.7	1340	5800
44.3	1350	2940	126.3	1510	6350	208.3	1310	5700
45.9	1320	2560	128.0	1330	6060	210.0	1320	5800
47.6	1220	2990	129.6	1220	6060	211.6	1280	5750
49.2	1300	2790	131.2	1340	6170	213.3	1200	5650
50.9	1060	2400	132.9	1590	6120	214.9	1070	5560
52.5	1010	2670	134.5	1630	5950	216.5	1120	5650
54.1	1230	2790	136.2	1510	5900	218.2	1260	5650
55.8	1360	5560	137.8	1660	6120	219.8	1270	5650
57.4	1300	6010	139.4	1410	5600	221.5	1370	6060
59.1	1220	5130	141.1	1380	5510	223.1	2070	6670
60.7	1360	4870	142.7	1460	5750	224.7	2140	6670
62.3	1170	5210	144.4	1460	5800	226.4	1840	6410
64.0	900	5460	146.0	1510	5950	228.0	1650	6290
65.6	810	5510	147.6	1440	6010	229.7	1670	6350
67.3	780	5600	149.3	1390	5950	231.3	1720	6230
68.9	770	5510	151.3	1340	5950	232.9	1740	6290
70.5	770	5510	152.6	1380	5950	234.6	1660	6290
72.2	810	5700	154.2	1560	6120	236.2	1610	6290
73.8	980	5900	155.8	1750	6010	237.9	1580	6410
75.5	1170	6010	157.5	1780	5950	239.5	1560	6470
77.1	1040	5700	159.1	1540	5850	241.1	1710	6410
78.7	930	5750	160.8	1360	5750	242.8	1720	6540
80.4	970	5650	162.4	1320	5700	244.4	1660	6230
82.0	1100	5900	164.0	1370	5800	246.1	1640	6230
83.7	1190	5850	165.7	1390	5850	247.7	1610	6230
85.3	1110	5650	167.3	1360	5800	249.3	1610	6230
86.9	1050	5700	169.0	1260	5950	251.0	1780	6470
88.6	1030	5420	170.6	1120	5750	252.6	1870	6410

Table A-1. Boring B-11, S - R1 quality assurance analysis P- and S_H-wave data

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
254.3	1730	6230
255.9	1720	6170
257.6	1780	6120
259.2	2030	6870
260.8	2190	7170
262.5	1950	6600
264.1	1620	6120
265.8	1510	6170
267.4	1520	6350
269.0	1710	6170
270.7	1630	6060
273.0	1330	5900
274.0	1310	5800
275.6	1370	5900
277.2	1360	5950
278.9	1330	5850
280.5	1390	6010
282.2	1720	6670
283.8	2030	6870
285.4	1980	6670
287.1	2070	6670
288.7	1850	6290
290.4	1570	5900
292.0	1340	5800
293.6	1370	5900
295.3	1490	5900

Table A-1, continued. Boring B-11, S - R1 quality assurance analysis P- and S_H-wave data

VICTORIA COUNTY BORING B-12

Source to Receiver and Receiver to Receiver Analysis

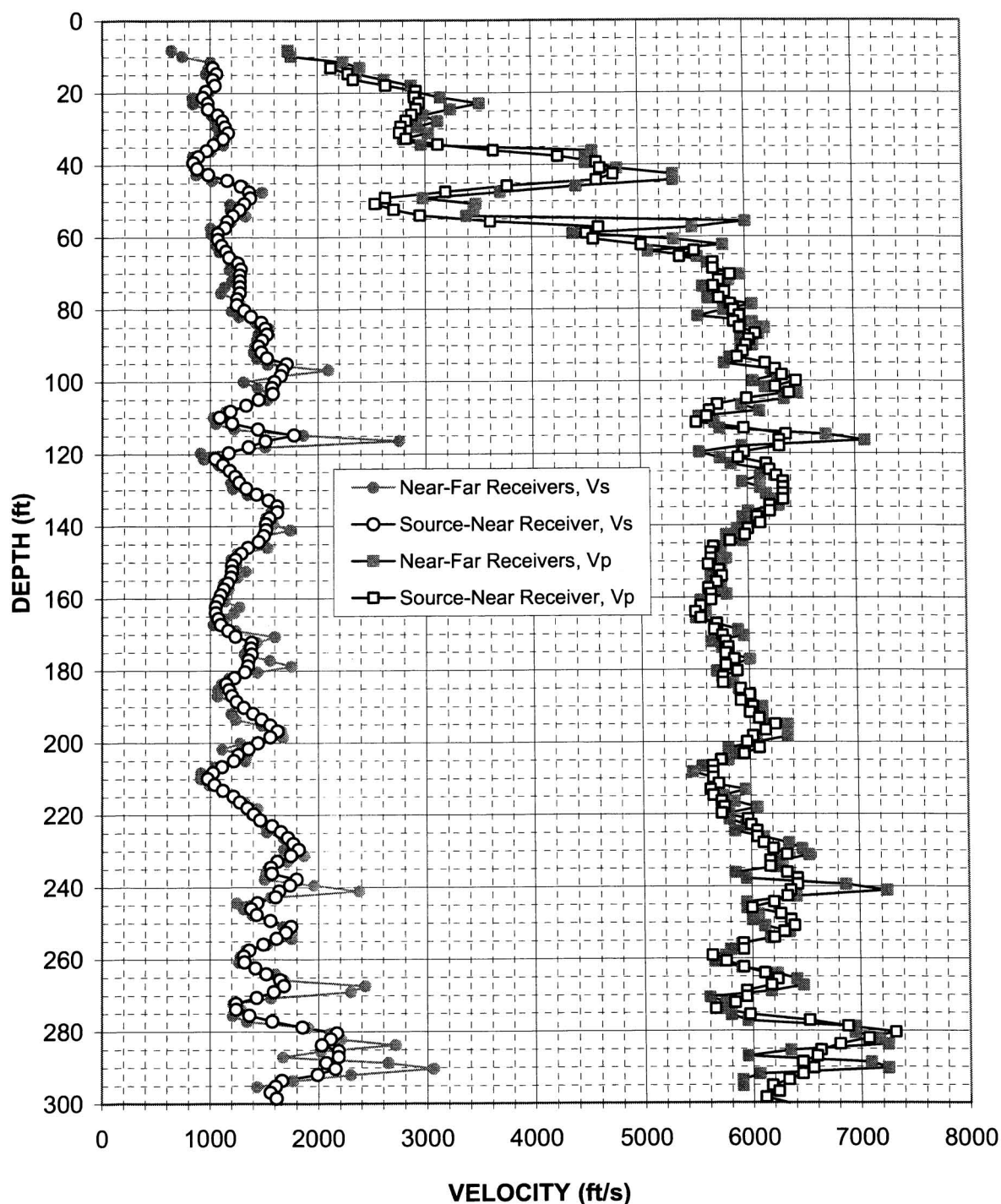


Figure A-2. Boring B-12, R1 - R2 high resolution analysis
and S - R1 quality assurance analysis P- and S_H -wave data

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
8.2	640	1730	90.2	1420	6060	172.2	1440	5650
9.8	740	1750	91.9	1410	5950	173.9	1360	5750
11.5	1000	2240	93.5	1440	5850	175.5	1320	5800
13.1	980	2400	95.1	1540	5800	177.2	1560	6010
14.8	960	2360	96.8	2100	6230	178.8	1750	5850
16.4	1020	2620	98.4	1650	6290	180.5	1440	5700
18.0	1050	2870	100.1	1310	6060	182.1	1180	5750
19.7	990	2900	101.7	1440	6170	183.7	1110	5850
21.3	830	3140	103.4	1560	6470	185.4	1080	5900
23.0	840	3510	105.0	1530	6350	187.0	1070	6010
24.6	970	3240	106.6	1330	5950	188.7	1250	6010
26.3	1020	2980	108.3	1150	6120	190.3	1300	6120
27.9	1060	3120	109.9	1030	5560	191.9	1200	6010
29.5	1060	2920	111.6	1050	5700	193.6	1240	6120
31.2	1090	3030	113.2	1230	5750	195.2	1480	6350
32.8	1080	2800	114.8	1860	6730	196.9	1660	6350
34.5	1120	2960	116.5	2750	7090	198.5	1680	6350
36.1	1010	4570	118.1	1520	5950	200.1	1280	6060
37.7	840	4500	119.8	910	5560	201.8	1110	5800
39.4	830	4500	121.4	940	5750	203.4	1340	5850
41.0	860	4800	123.0	1080	5850	205.1	1330	5800
42.7	870	5330	124.7	1180	6170	206.7	1040	5560
44.3	1020	5330	126.3	1250	6120	208.3	920	5460
45.9	1320	4420	128.0	1190	5950	210.0	910	5650
47.6	1490	3700	129.6	1210	6120	211.6	1000	5650
49.2	1370	2980	131.2	1350	6170	213.3	1130	5950
50.9	1190	3470	132.9	1540	6230	214.9	1210	5750
52.5	1190	3450	134.5	1630	6290	216.5	1320	5850
54.1	1330	3380	136.2	1570	6010	218.2	1440	6060
55.8	1190	6010	137.8	1520	5950	219.8	1390	5800
57.4	1000	5510	139.4	1590	6010	221.5	1460	5800
59.1	1010	4390	141.1	1750	5900	223.1	1520	5950
60.7	1070	5330	142.7	1490	5800	224.7	1530	5850
62.3	1060	5800	144.4	1450	5950	226.4	1680	6120
64.0	1090	5090	146.0	1540	5750	228.0	1770	6350
65.6	1170	5560	147.6	1250	5750	229.7	1680	6470
67.3	1200	5650	149.3	1200	5800	231.3	1870	6540
68.9	1180	5700	150.9	1240	5750	232.9	1720	6290
70.5	1230	5950	152.6	1330	5650	234.6	1540	6230
72.2	1200	5850	154.2	1260	5700	236.2	1520	5850
73.8	1130	5600	155.8	1130	5650	237.9	1510	5950
75.5	1100	5700	157.5	1170	5750	239.5	1960	6870
77.1	1240	5650	159.1	1130	5800	241.1	2380	7250
78.7	1280	6060	160.8	1140	5560	242.8	1560	6410
80.4	1200	5800	162.4	1270	5560	244.4	1250	5950
82.0	1270	5560	164.0	1230	5600	246.1	1310	5950
83.7	1420	6060	165.7	1140	5510	247.7	1390	6060
85.3	1550	6170	167.3	1030	5700	249.3	1550	6010
86.9	1450	6120	169.0	1240	5900	251.0	1680	6120
88.6	1440	5950	170.6	1600	5950	252.6	1740	6350

Table A-2. Boring B-12, S - R1 quality assurance analysis
P- and S_H-wave data

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
254.3	1750	6170
255.9	1530	5900
257.6	1330	5800
259.2	1280	5750
260.8	1270	5650
262.5	1410	5900
264.1	1600	6230
265.8	1680	6410
267.4	2430	6470
269.0	2300	6170
270.7	1560	5600
272.3	1220	5750
274.0	1290	5750
275.6	1210	5800
277.2	1340	5950
278.9	1900	6940
280.5	2110	6940
282.2	2210	7170
283.8	2710	7250
285.4	2020	6350
287.1	1680	5950
288.7	2650	7090
290.4	3060	7250
292.0	2300	6060
293.6	1760	5900
295.3	1440	5900

Table A-2, continued. Boring B-12, S - R1 quality assurance analysis
P- and S_H-wave data

VICTORIA COUNTY COL BORING B-2162A OFFSET Source to Receiver and Receiver to Receiver Analysis

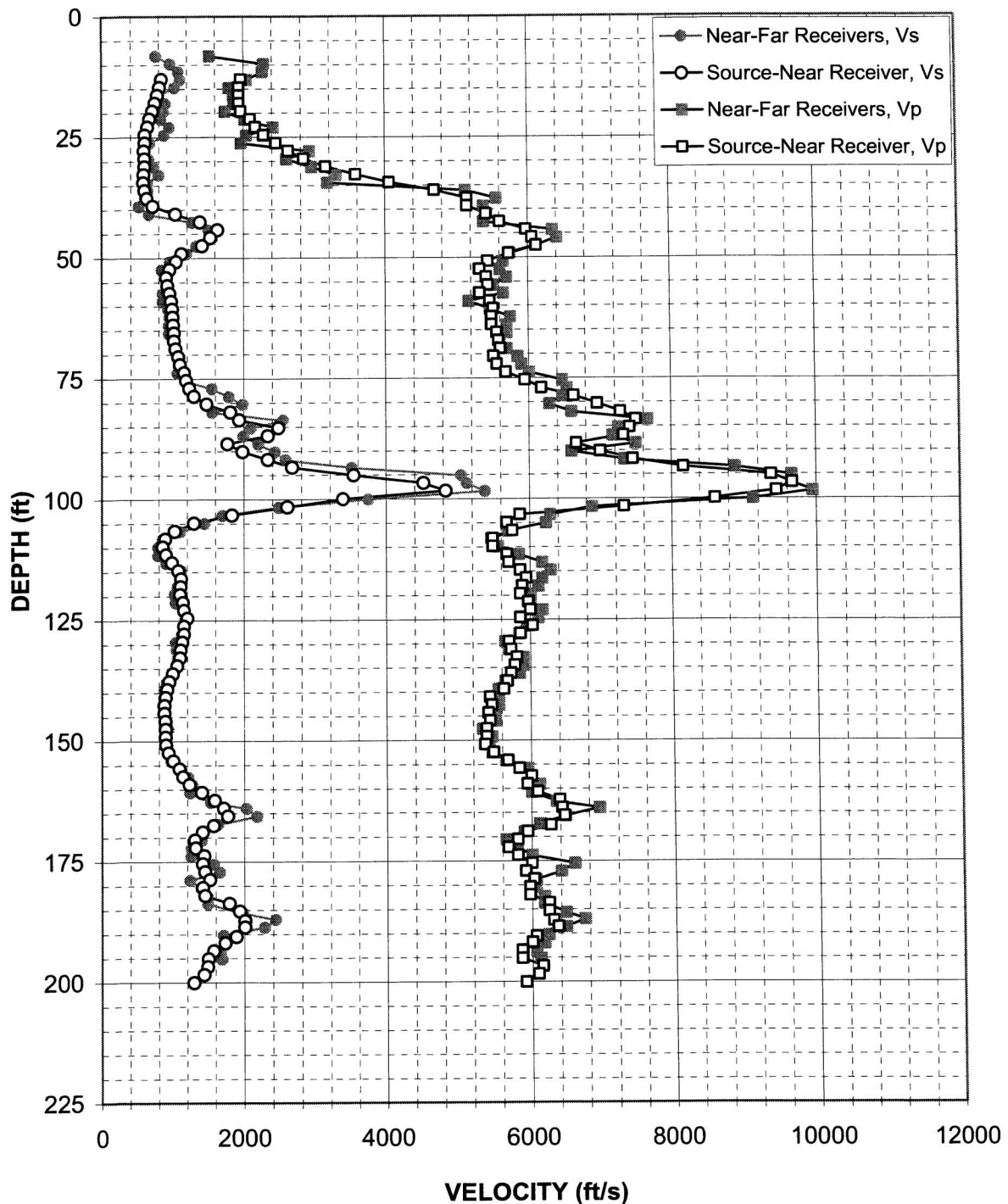


Figure A-3. Boring B-2162A OFFSET, R1 - R2 high resolution analysis
and S - R1 quality assurance analysis P- and S_H-wave data

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
13.0	840	1970	95.1	3540	9380	177.1	1450	5920
14.7	810	1940	96.7	4520	9660	178.7	1520	6030
16.3	780	1940	98.3	4830	9450	180.4	1420	5970
18.0	740	1940	100.0	3390	8610	182.0	1450	5970
19.6	710	1970	101.6	2600	7320	183.6	1790	6240
21.2	670	2100	103.3	1830	5860	185.3	1940	6240
22.9	640	2170	104.9	1290	5680	187.2	2010	6300
24.5	600	2290	106.5	1020	5750	188.6	2010	6360
26.2	600	2450	108.2	890	5480	190.5	1890	6060
27.8	590	2630	109.8	850	5480	191.8	1730	6000
29.4	600	2840	111.5	900	5680	193.5	1570	5860
31.1	600	3150	113.1	980	5700	195.1	1500	5860
32.7	590	3580	114.7	1070	5860	196.8	1490	6150
34.4	580	4060	116.4	1110	5940	198.4	1440	6090
36.0	600	4690	118.0	1100	5890	200.0	1290	5920
37.6	630	5150	119.7	1100	5860			
39.3	710	5150	121.3	1140	5970			
40.9	1030	5410	122.9	1150	6000			
42.6	1390	5600	124.6	1200	5860			
44.2	1640	5970	126.2	1150	6030			
45.8	1530	6060	127.9	1150	5860			
47.5	1420	6120	129.5	1130	5700			
49.1	1120	5730	131.1	1100	5730			
50.8	1040	5430	132.8	1100	5810			
52.4	950	5320	134.4	1060	5780			
54.0	900	5410	136.1	990	5730			
55.7	920	5430	137.7	940	5680			
57.3	950	5320	139.3	910	5630			
59.0	970	5460	141.0	890	5430			
60.6	990	5500	142.6	880	5460			
62.2	990	5480	144.3	880	5410			
63.9	1000	5480	145.9	890	5430			
65.5	1010	5550	147.6	890	5390			
67.2	1010	5580	149.2	890	5390			
68.8	1030	5600	150.8	900	5360			
70.5	1070	5500	152.5	930	5480			
72.1	1100	5550	154.1	1000	5680			
73.7	1160	5680	155.8	1090	5830			
75.4	1180	5940	157.4	1140	6000			
77.0	1230	6180	159.0	1230	5940			
78.7	1290	6630	160.7	1400	6090			
80.3	1480	6960	162.3	1590	6390			
81.9	1810	7280	164.0	1720	6430			
83.6	1940	7490	165.6	1770	6460			
85.2	2480	7400	167.6	1570	6270			
86.9	2340	7320	168.9	1420	5940			
88.5	1770	6660	170.5	1310	5810			
90.1	1980	6990	172.2	1320	5680			
91.8	2340	7450	173.8	1440	5810			
93.4	2670	8170	175.4	1420	6000			

Table A-3. Boring B-2162A OFFSET, S - R1 quality assurance analysis
P- and S_H-wave data

VICTORIA COUNTY COL BORING B-2174A OFFSET **Source to Receiver and Receiver to Receiver Analysis**

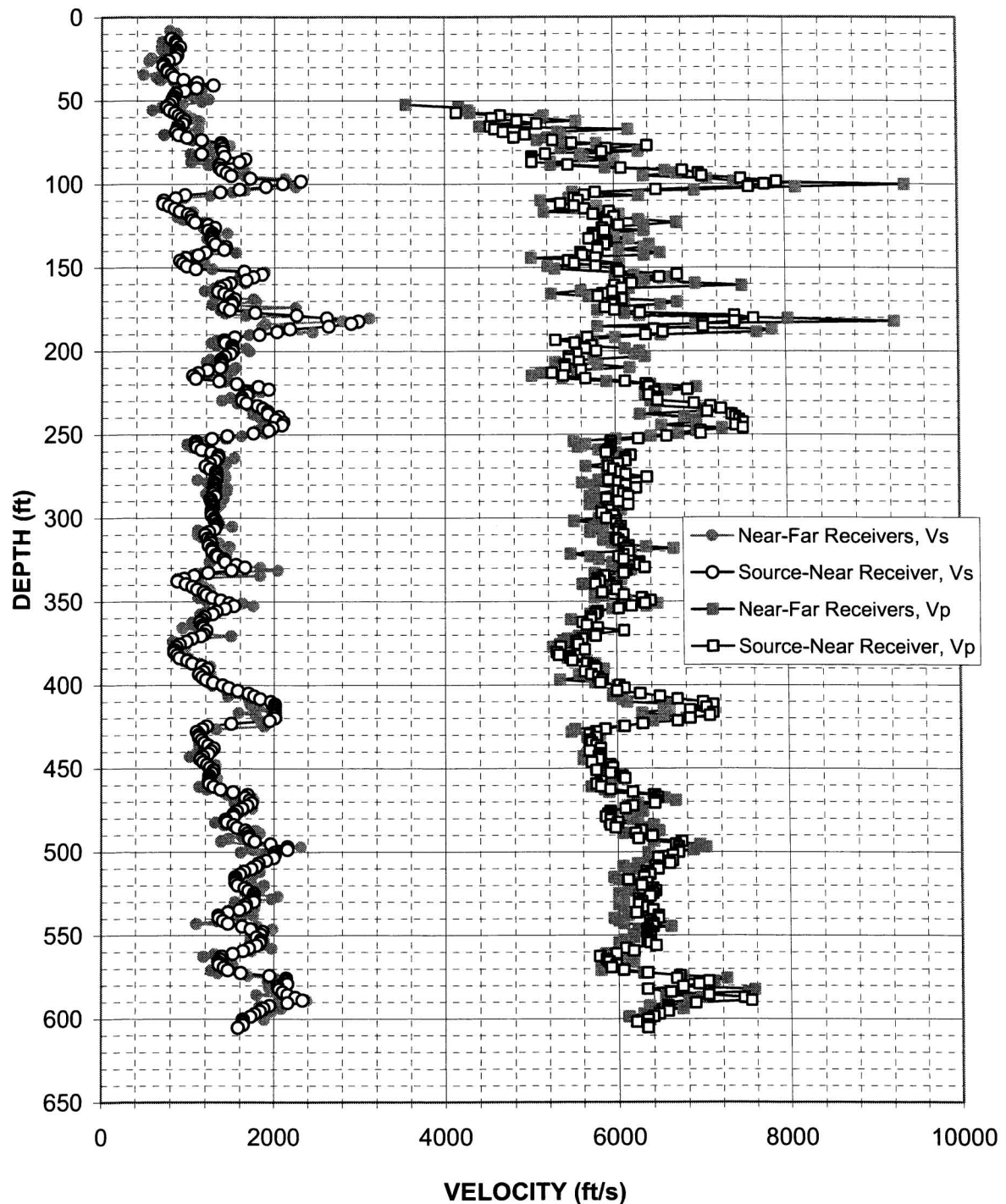


Figure A-4. Boring B-2174A OFFSET, R1 - R2 high resolution analysis
and S - R1 quality assurance analysis P- and S_H -wave data

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
13.0	800	-	95.1	1490	7030	177.1	1770	6300
14.7	840	-	96.7	1710	7490	178.7	2260	7400
16.3	860	-	98.3	2310	7910	180.4	2620	7630
18.0	890	-	100.0	2100	7770	182.3	2990	7400
19.6	860	-	101.6	1900	7580	183.6	2900	7030
21.2	860	-	103.3	1580	6490	185.3	2640	7030
22.9	860	-	104.9	1360	5780	186.9	2180	6460
24.5	830	-	106.5	950	5650	188.6	2030	6560
26.2	760	-	108.5	840	5530	190.2	1820	6360
27.8	700	-	109.8	700	5580	191.8	1530	5680
29.4	700	-	111.8	700	5360	193.5	1410	5300
31.1	740	-	113.1	760	5530	195.1	1420	5530
32.7	750	-	114.7	830	5650	196.8	1500	5730
34.4	800	-	116.4	890	5940	198.4	1500	5650
36.0	820	-	118.0	980	5750	200.0	1510	5780
37.6	930	-	119.7	1020	6000	201.7	1480	5550
39.3	1090	-	121.6	1030	5890	203.3	1420	5460
40.9	1280	-	122.9	1070	5920	205.0	1370	5460
42.6	1080	-	124.6	1220	6060	206.6	1370	5580
44.2	940	-	126.2	1300	5860	208.2	1380	5410
45.8	840	-	127.9	1220	5890	209.9	1360	5410
47.5	820	-	129.5	1270	5750	211.5	1210	5600
49.1	810	-	131.1	1260	5750	213.2	1110	5250
50.8	800	-	132.8	1260	5700	214.8	1050	5390
52.4	770	-	134.4	1280	5920	216.4	1080	5650
54.0	740	-	136.1	1300	5890	218.1	1350	6120
55.7	770	-	137.7	1430	5810	219.7	1550	6360
57.3	830	4140	139.3	1410	5810	221.4	1810	6390
59.0	880	4650	141.0	1190	5600	223.0	1930	6840
60.6	910	4550	142.6	1110	5630	224.7	1670	6460
62.2	940	4850	144.3	960	5780	226.3	1670	6390
63.9	930	5080	145.9	890	5460	227.9	1610	6490
65.5	870	4540	147.6	930	5530	229.6	1610	6490
67.2	860	4590	149.2	970	5780	231.2	1670	6920
68.8	840	4690	150.8	1080	6030	232.9	1800	7110
70.5	870	4950	152.5	1640	6060	234.5	1860	7230
72.1	970	4810	154.1	1850	6730	236.1	1920	7070
73.7	1140	5280	155.8	1750	6530	237.8	1920	7360
75.4	1370	5500	157.7	1670	6180	239.4	2060	7400
77.0	1370	6390	159.4	1480	6210	241.1	2020	7450
78.7	1390	5920	160.7	1420	6000	242.7	2110	7490
80.6	1390	5860	162.3	1360	6090	244.3	2090	7400
81.9	1140	5190	164.3	1340	5970	246.0	1980	7490
83.6	1410	5020	165.6	1410	5860	247.6	1930	6990
85.2	1650	5020	167.2	1470	5810	249.3	1750	6990
86.9	1580	5020	168.9	1530	6090	250.9	1450	6590
88.5	1350	5460	170.5	1490	6000	252.5	1270	6270
90.5	1350	6090	172.2	1500	5970	254.2	1080	5940
91.8	1380	6810	173.8	1410	5890	255.8	1080	5940
93.4	1430	6990	175.4	1470	6000	257.5	1090	5940

Table A-4. Boring B-2174A OFFSET, S - R1 quality assurance analysis P- and S_H-wave data

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
259.1	1150	5920	341.1	1050	6000	423.1	1500	6300
260.7	1260	5890	342.8	1100	6000	424.8	1210	6090
262.4	1340	6180	344.4	1170	5830	426.4	1160	5860
264.0	1340	6120	346.0	1210	6090	428.1	1100	5750
265.7	1300	6120	347.7	1270	6300	429.7	1130	5680
267.3	1240	6030	349.3	1370	6390	431.3	1120	5750
268.9	1190	5920	351.0	1470	6330	433.0	1160	5680
270.6	1250	5970	352.6	1530	6180	434.6	1190	5700
272.2	1310	6060	354.2	1420	6030	436.3	1230	5750
273.9	1320	6120	355.9	1320	5780	437.9	1290	5810
275.5	1310	6360	357.5	1280	5750	439.5	1260	5680
277.1	1320	5920	359.2	1190	5700	441.2	1230	5810
278.8	1300	6030	360.8	1160	5700	442.8	1170	5780
280.4	1300	6120	362.4	1140	5600	444.5	1140	5780
282.1	1290	6240	364.1	1160	5650	446.1	1170	5700
283.7	1300	6030	365.7	1170	5780	447.7	1220	5920
285.3	1290	6090	367.4	1210	6090	449.4	1250	5940
287.0	1300	6150	369.7	1180	5750	451.0	1290	5750
288.6	1250	5890	370.6	1140	5750	452.7	1270	5920
290.3	1260	6030	372.3	1040	5600	454.3	1240	6060
291.9	1280	6150	373.9	980	5530	456.0	1240	6090
293.5	1280	5920	375.6	900	5550	457.6	1240	5810
295.2	1270	5920	377.2	860	5340	459.2	1240	5750
296.8	1270	5830	378.9	840	5630	460.9	1290	5810
298.5	1270	5970	380.5	840	5300	462.5	1370	5920
300.1	1300	5890	382.1	870	5320	464.2	1520	6180
301.8	1300	6000	383.8	900	5460	465.8	1690	6430
303.4	1320	6000	385.4	990	5480	467.4	1660	6460
305.0	1310	6060	387.1	1050	5650	469.1	1710	6430
306.7	1300	6030	388.7	1160	5730	470.7	1730	6430
308.3	1230	6030	390.3	1220	5750	472.4	1690	6180
310.0	1190	6090	392.0	1170	5630	474.0	1630	6090
312.2	1220	6000	393.6	1120	5700	475.6	1560	5920
313.2	1250	6030	395.3	1160	5780	477.3	1530	5890
314.9	1260	6090	396.9	1210	5830	478.9	1530	5860
316.5	1230	6150	398.5	1290	5810	480.6	1440	5920
318.2	1270	6120	400.2	1400	6030	482.2	1450	6000
319.8	1270	6150	401.8	1470	6090	483.8	1530	5920
322.1	1320	6090	403.5	1570	6000	485.5	1560	5970
323.1	1330	6030	405.1	1700	6270	487.1	1660	6270
324.7	1400	6090	406.7	1760	6490	488.8	1690	6210
326.4	1420	6270	408.4	1830	6700	490.4	1710	6390
328.0	1550	6270	410.0	1960	6990	492.0	1710	6240
329.6	1650	6330	411.7	2010	7110	493.7	1770	6730
331.3	1500	6120	413.3	2010	7030	495.3	1960	6660
332.9	1220	6090	414.9	2010	6840	497.0	2160	6700
334.6	1060	5860	416.6	2010	7110	498.6	2160	6700
336.2	950	5780	418.2	2010	7070	500.2	2010	6700
337.8	870	5810	419.9	2010	6840	501.9	2010	6630
339.5	970	5750	421.5	1950	6700	503.5	2000	6460

Table A-4, continued. Boring B-2174A OFFSET, S - R1 quality assurance analysis P- and S_H-wave data

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
505.2	1910	6630	587.2	2250	7450
506.8	1820	6590	588.8	2340	7540
508.4	1790	6430	590.5	2160	6880
510.1	1730	6460	592.1	1950	6560
511.7	1650	6330	593.7	1880	6560
513.4	1600	6360	595.4	1830	6560
515.0	1550	6300	597.0	1770	6460
516.6	1550	6120	598.7	1720	6390
518.3	1550	6330	600.3	1640	6330
519.9	1570	6270	601.9	1640	6210
521.6	1650	6390	603.6	1640	6330
523.2	1700	6430	605.2	1580	6330
524.8	1760	6390	587.2	2250	7450
526.5	1750	6360	588.8	2340	7540
528.1	1760	6240	590.5	2160	6880
529.8	1760	6270	592.1	1950	6560
531.4	1670	6240	593.7	1880	6560
533.1	1660	6330	595.4	1830	6560
534.7	1590	6390	597.0	1770	6460
536.3	1460	6210	598.7	1720	6390
538.0	1350	6460	600.3	1640	6330
539.6	1360	6460	601.9	1640	6210
541.3	1400	6360	603.6	1640	6330
542.9	1460	6390	605.2	1580	6330
544.5	1630	6390			
546.2	1720	6330			
547.8	1870	6360			
549.5	1850	6360			
551.1	1790	6360			
552.7	1850	6330			
554.4	1830	6360			
556.0	1790	6430			
557.7	1710	6090			
559.3	1640	6180			
560.9	1520	5970			
562.6	1390	5780			
564.2	1370	5860			
565.9	1350	5890			
567.5	1360	5970			
569.1	1420	5920			
570.8	1460	6060			
572.4	1610	6330			
574.1	1950	6700			
575.7	2150	6660			
577.3	2150	7030			
579.0	2160	6920			
580.6	2050	6730			
582.3	2060	6330			
583.9	2100	6590			
585.5	2160	7030			

Table A-4, continued. Boring B-2174A OFFSET, S - R1 quality assurance analysis P- and S_H-wave data

VICTORIA COUNTY COL BORING B-2176A OFFSET Source to Receiver and Receiver to Receiver Analysis

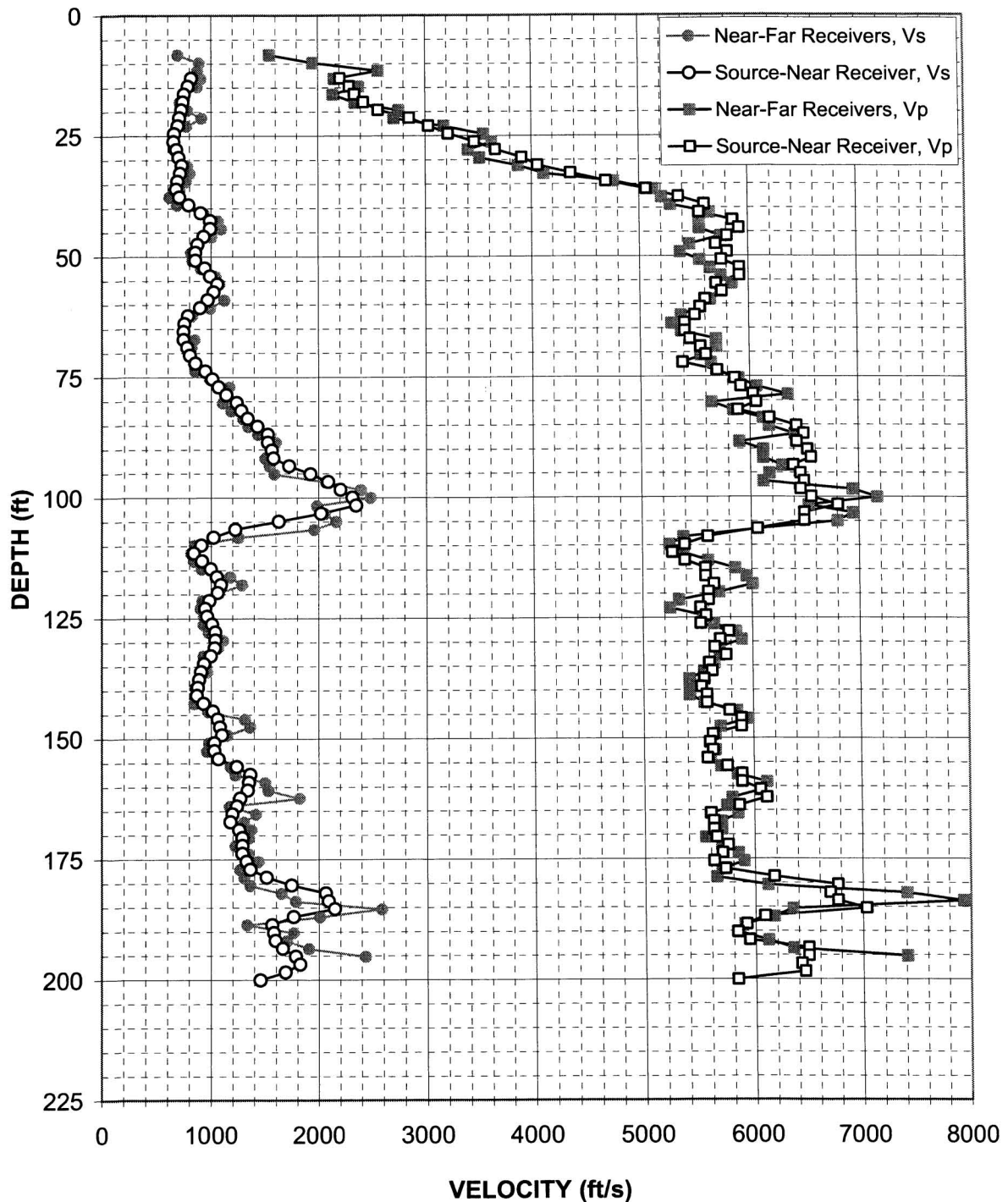


Figure A-5. Boring B-2176A OFFSET, R1 - R2 high resolution analysis
and S - R1 quality assurance analysis P- and S_H -wave data

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
13.0	810	2210	95.1	1920	6460	177.1	1360	5730
14.7	780	2290	96.7	2090	6490	178.7	1510	6180
16.3	750	2340	98.3	2210	6460	180.4	1740	6770
18.0	740	2430	100.0	2320	6560	182.0	2060	6700
19.6	720	2560	101.6	2350	6810	183.6	2090	6770
21.2	700	2850	103.3	2020	6490	185.3	2150	7030
22.9	690	3030	104.9	1630	6490	186.9	1760	6090
24.5	660	3210	106.5	1220	6060	188.6	1560	5920
26.2	650	3460	108.2	1020	5600	190.2	1580	5830
27.8	680	3660	109.8	910	5390	191.8	1590	5940
29.4	700	3910	111.5	840	5280	193.5	1660	6490
31.1	730	4060	113.1	920	5390	195.1	1780	6490
32.7	710	4370	114.7	1000	5580	196.8	1820	6430
34.4	690	4690	116.4	1050	5580	198.4	1690	6460
36.0	670	5060	118.0	1090	5650	200.0	1460	5830
37.6	700	5360	119.7	1060	5600			
39.3	790	5600	121.3	980	5600			
40.9	900	5550	122.9	950	5530			
42.6	990	5860	124.6	960	5580			
44.2	990	5920	126.2	1010	5530			
45.8	930	5810	127.9	1040	5780			
47.5	870	5700	129.5	1040	5700			
49.1	850	5810	131.1	1030	5650			
50.8	850	5750	132.8	1000	5750			
52.4	940	5920	134.4	940	5600			
54.0	990	5920	136.1	910	5630			
55.7	1060	5700	137.7	890	5550			
57.3	1020	5750	139.3	880	5530			
59.0	970	5600	141.0	870	5580			
60.6	900	5550	142.6	930	5580			
62.2	780	5500	144.3	1020	5780			
63.9	750	5410	145.9	1060	5890			
65.5	740	5410	147.6	1080	5890			
67.2	740	5460	149.2	1100	5630			
68.8	780	5550	150.8	1030	5600			
70.5	800	5600	152.5	1030	5630			
72.1	850	5390	154.1	1070	5580			
73.7	950	5700	155.8	1240	5750			
75.4	1010	5860	157.4	1360	5890			
77.0	1070	5920	159.0	1350	5890			
78.7	1140	6030	160.7	1340	6060			
80.3	1240	6060	162.3	1270	6120			
81.9	1280	5890	164.0	1240	5860			
83.6	1340	6180	165.6	1200	5600			
85.2	1430	6430	167.2	1180	5630			
86.9	1530	6490	168.9	1260	5630			
88.5	1530	6430	170.5	1290	5650			
90.1	1560	6530	172.2	1290	5750			
91.8	1580	6560	173.8	1290	5700			
93.4	1720	6390	175.4	1330	5630			

Table A-5. Boring B-2176A OFFSET, S - R1 quality assurance analysis P- and S_H-wave data

VICTORIA COUNTY COL BORING B-2182A OFFSET Source to Receiver and Receiver to Receiver Analysis

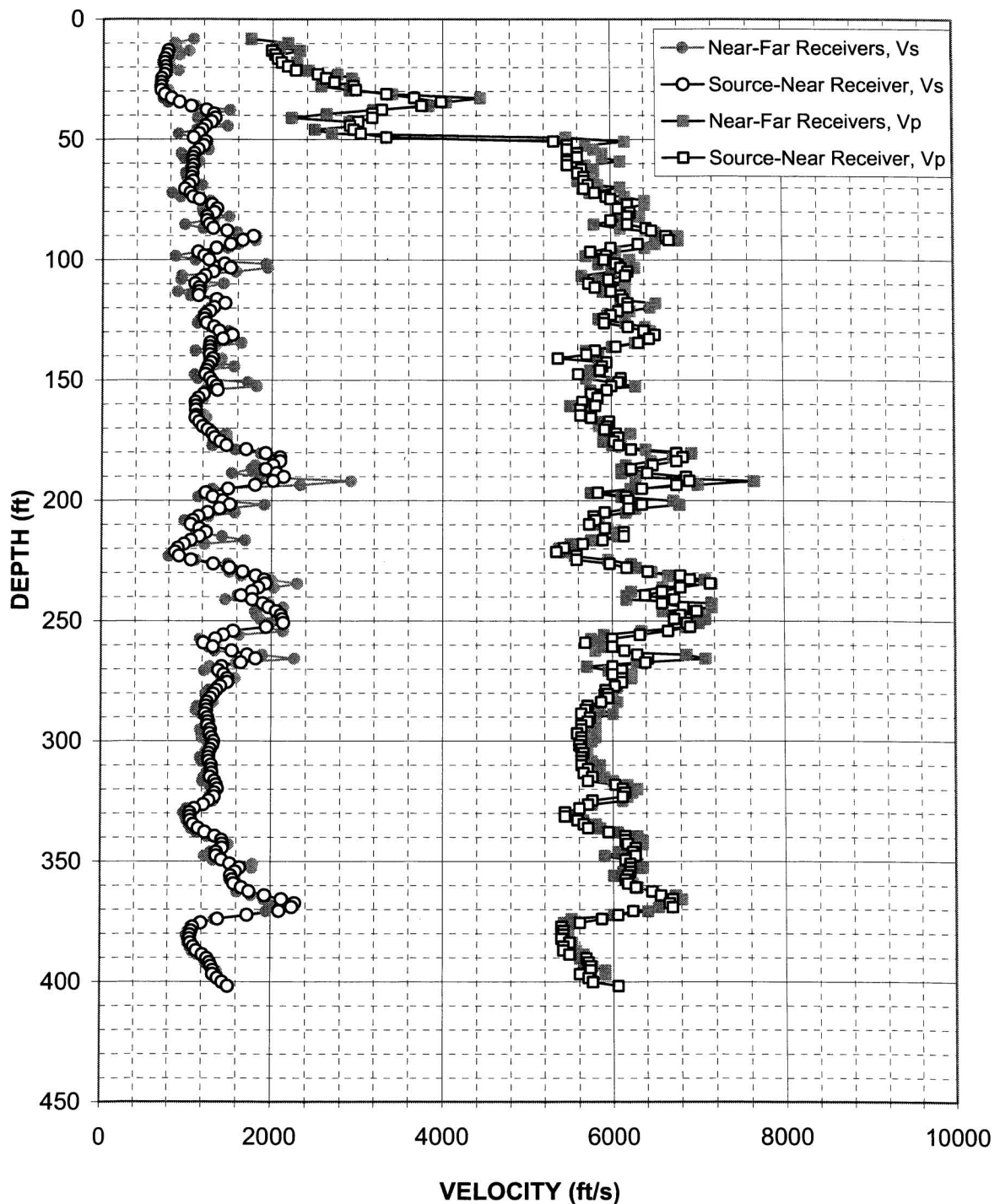


Figure A-6. Boring B-2182A OFFSET, R1 - R2 high resolution analysis
and S - R1 quality assurance analysis P- and S_H-wave data

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
13.0	770	1990	95.1	1350	6000	177.1	1470	6090
14.7	760	2030	96.7	1130	5750	178.7	1700	6240
16.3	730	2060	98.3	1200	5940	180.4	1930	6770
18.0	730	2100	100.0	1260	5920	182.0	2100	6840
19.6	730	2180	101.6	1450	6060	183.6	2100	6770
21.2	740	2270	103.3	1510	6120	185.3	2020	6490
22.9	720	2520	104.9	1310	6210	186.9	1930	6240
24.5	690	2620	106.5	1220	6180	188.6	2060	6430
26.2	690	2720	108.2	1170	5970	190.2	2140	6880
27.8	690	2940	109.8	1100	5730	191.8	2020	6920
29.4	680	2970	111.5	1150	5810	193.5	1810	6770
31.1	730	3330	113.1	1150	6000	195.1	1490	6360
32.7	810	3660	114.7	1140	6120	196.8	1230	5830
34.4	900	3980	116.4	1350	6150	198.4	1310	6180
36.0	1040	3750	118.0	1450	6210	200.0	1430	6210
37.6	1230	3280	119.7	1320	6210	201.7	1510	6360
39.3	1310	3170	121.3	1280	6090	203.3	1390	6210
40.9	1330	3170	122.9	1220	6000	205.0	1260	5920
42.6	1290	3000	124.6	1210	5920	206.6	1150	5780
44.2	1220	2900	126.2	1240	5920	208.2	1080	5810
45.8	1180	2940	127.9	1320	6210	209.9	1060	5730
47.5	1140	3030	129.5	1380	6390	211.5	1160	5920
49.1	1070	3330	131.1	1540	6530	213.2	1240	6150
50.8	1210	5320	132.8	1430	6460	214.8	1160	6150
52.4	1190	5480	134.4	1280	6330	216.4	1060	5890
54.0	1130	5480	136.1	1270	6060	218.1	980	5650
55.7	1080	5600	137.7	1280	5810	219.7	910	5430
57.3	1070	5600	139.3	1280	5700	221.4	870	5340
59.0	1070	5480	141.0	1310	5360	223.0	920	5580
60.6	1070	5480	142.6	1290	5940	224.7	1060	5580
62.2	1060	5650	144.3	1260	5890	226.3	1320	5970
63.9	1060	5600	145.9	1240	5860	227.9	1510	6180
65.5	1050	5680	147.6	1220	5600	229.6	1670	6430
67.2	1070	5680	149.2	1280	6120	231.2	1820	6810
68.8	1020	5730	150.8	1310	6090	232.9	1920	6920
70.5	970	5680	152.5	1350	6000	234.5	1930	7150
72.1	1040	5810	154.1	1360	5940	236.1	1850	6810
73.7	1070	5940	155.8	1200	5750	237.8	1780	6590
74.7	1150	6000	157.4	1140	5830	239.4	1650	6390
77.0	1300	6210	159.0	1110	5650	241.1	1780	6730
78.7	1350	6090	160.7	1110	5810	242.7	1900	6590
80.3	1320	6240	162.3	1110	5630	244.3	1970	6840
81.9	1240	6210	164.6	1110	5630	246.0	2060	6990
83.6	1240	6000	165.6	1110	5750	247.6	2110	6810
85.2	1270	6210	167.2	1150	5970	249.3	2130	6730
86.9	1310	6430	169.2	1190	5940	250.9	2140	6880
87.8	1470	6490	170.5	1250	5920	252.5	1940	6920
90.1	1780	6660	172.2	1310	6060	254.2	1560	6660
91.8	1650	6700	173.8	1340	6090	255.8	1450	6330
93.4	1510	6330	175.4	1400	6030	257.5	1350	6000

Table A-6. Boring B-2182A OFFSET, S - R1 quality assurance analysis P- and S_H-wave data

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
259.1	1210	5680	341.1	1430	6150
260.7	1320	6000	342.8	1440	6180
262.4	1540	6150	344.4	1440	6270
264.0	1720	6300	346.0	1370	6240
265.7	1820	6430	347.7	1370	6270
267.3	1650	6390	349.3	1430	6150
268.9	1430	6000	351.0	1530	6210
270.6	1390	6120	352.6	1640	6210
272.2	1450	6000	354.2	1590	6210
273.9	1490	6120	355.9	1540	6180
275.5	1490	6120	357.5	1560	6150
277.1	1410	6030	359.2	1570	6180
278.8	1370	5920	360.8	1660	6270
280.4	1330	5940	362.4	1750	6460
282.1	1300	5940	364.1	1930	6560
283.7	1260	5860	365.7	2120	6700
285.3	1250	5700	367.4	2280	6660
287.0	1250	5680	369.0	2240	6700
288.6	1240	5630	370.6	2100	6240
290.3	1260	5730	372.3	1730	6060
291.9	1270	5700	373.9	1390	5860
293.5	1270	5630	375.6	1190	5600
295.2	1300	5630	377.2	1100	5390
296.8	1290	5580	378.9	1080	5410
298.5	1310	5630	380.5	1070	5410
300.1	1340	5630	382.1	1060	5390
301.8	1320	5600	383.8	1070	5480
303.4	1300	5630	385.4	1110	5410
305.0	1280	5650	387.1	1140	5410
306.7	1280	5630	388.7	1210	5480
308.3	1280	5630	390.3	1270	5680
310.0	1310	5630	392.0	1300	5700
311.6	1310	5700	393.6	1310	5730
313.2	1310	5650	395.3	1340	5730
314.9	1300	5750	396.9	1340	5600
316.5	1350	5700	398.5	1390	5700
318.2	1370	6030	400.2	1450	5750
319.8	1380	6120	401.8	1510	6060
321.4	1350	6150			
323.1	1340	6120			
324.7	1280	5750			
326.4	1220	5700			
328.0	1110	5600			
329.6	1060	5430			
331.3	1060	5430			
332.9	1070	5580			
334.6	1100	5650			
336.2	1160	5700			
337.8	1240	5940			
339.5	1350	6150			

Table A-6, continued. Boring B-2182A OFFSET, S - R1 quality assurance analysis P- and S_H-wave data

VICTORIA COUNTY COL BORING B-2262A OFFSET Source to Receiver and Receiver to Receiver Analysis

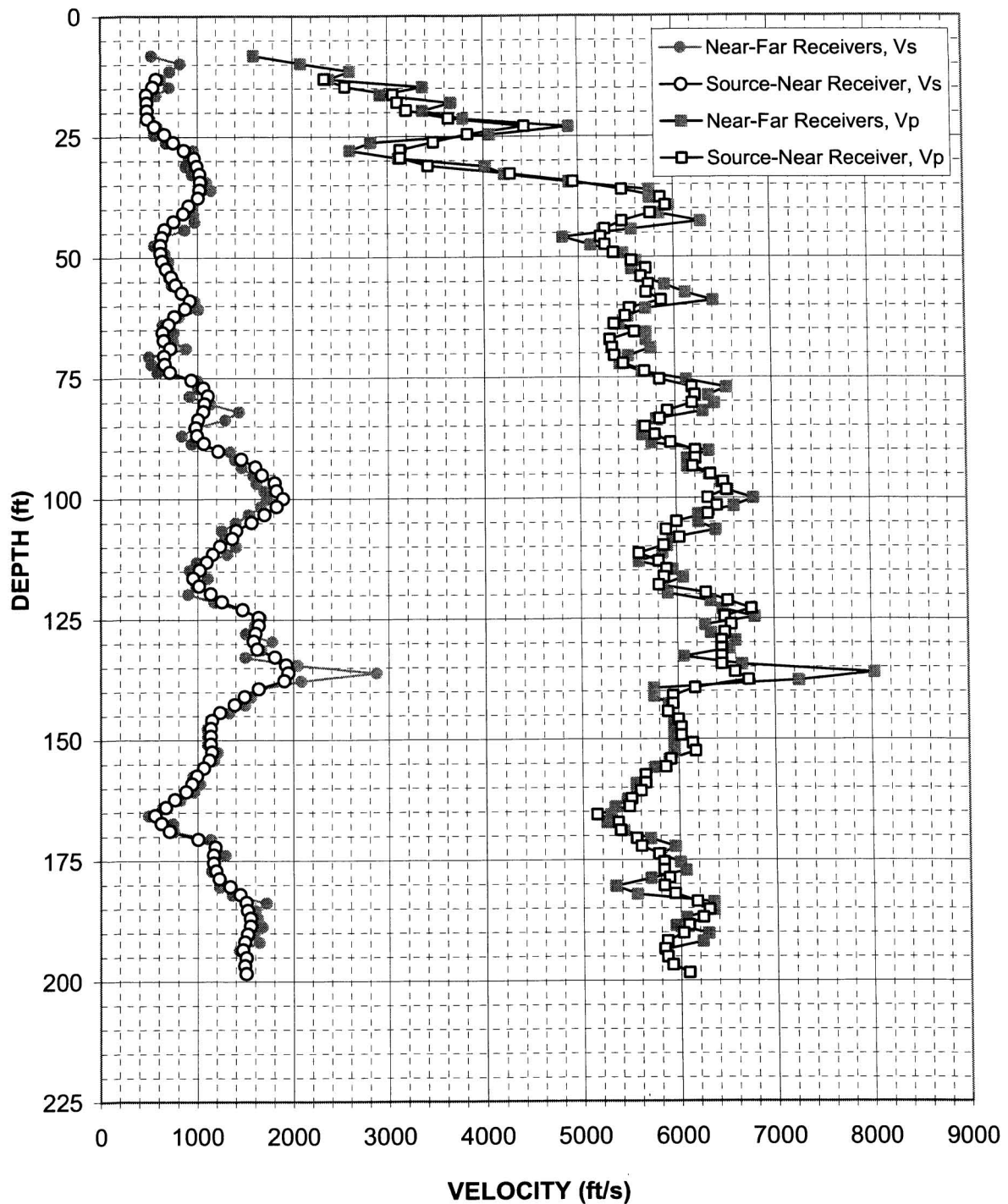


Figure A-7. Boring B-2262A OFFSET, R1 - R2 high resolution analysis
and S - R1 quality assurance analysis P- and S_H-wave data

Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)	Depth (feet)	V _s (feet/sec)	V _p (feet/sec)
13.0	570	2340	95.1	1670	6360	177.1	1190	5830
14.7	530	2550	96.7	1810	6490	178.7	1230	5890
16.3	460	3060	98.3	1830	6530	180.4	1340	5830
18.0	470	3100	100.0	1900	6330	182.0	1450	5940
19.6	470	3200	101.6	1830	6430	183.6	1510	6180
21.2	470	3640	103.3	1700	6330	185.3	1520	6300
22.9	550	4430	104.9	1570	6000	186.9	1550	6240
24.5	650	3840	106.5	1410	5890	188.6	1550	6090
26.2	740	3480	108.2	1360	6030	190.2	1520	6030
27.8	860	3130	109.8	1240	5860	191.8	1490	5860
29.4	960	3130	111.5	1160	5600	193.5	1470	5830
31.1	990	3420	113.1	1100	5810	195.1	1510	5860
32.7	1020	4280	114.7	1020	5890	196.8	1490	5920
34.4	1030	4950	116.4	950	5860	198.4	1510	6090
36.0	1020	5460	118.0	1010	5810			
37.6	1000	5860	119.7	1140	6300			
39.3	910	5920	121.3	1260	6530			
40.9	850	5750	122.9	1470	6770			
42.6	750	5460	124.6	1640	6490			
44.2	650	5280	126.2	1640	6560			
45.8	630	5230	127.9	1610	6490			
47.5	610	5280	129.5	1590	6460			
49.1	610	5360	131.1	1620	6460			
50.8	630	5550	132.8	1810	6460			
52.4	670	5700	134.4	1920	6460			
54.0	720	5650	136.1	1950	6590			
55.7	770	5730	137.7	1910	6730			
57.3	830	5700	139.3	1640	6180			
59.0	920	5860	141.0	1490	5940			
60.6	870	5530	142.6	1390	5940			
62.2	760	5480	144.3	1240	5890			
63.9	700	5360	145.9	1150	6000			
65.5	630	5580	147.6	1140	6030			
67.2	640	5320	149.2	1140	6030			
68.8	710	5340	150.8	1140	6150			
70.5	650	5360	152.5	1150	6180			
72.1	650	5460	154.1	1120	5920			
73.7	710	5680	155.8	1070	5860			
75.4	930	5830	157.4	990	5650			
77.0	1060	6180	159.0	940	5650			
78.7	1110	6210	160.7	880	5600			
80.3	1070	6180	162.3	760	5500			
81.9	1060	5920	164.0	670	5480			
83.6	1000	5830	165.6	560	5150			
85.2	980	5680	167.2	630	5360			
86.9	990	5780	168.9	710	5390			
88.5	1070	5940	170.5	1000	5550			
90.1	1220	6210	172.2	1190	5600			
91.8	1460	6210	173.8	1170	5780			
93.4	1610	6180	175.4	1170	5830			

Table A-7. Boring B-2262A OFFSET, S - R1 quality assurance analysis P- and S_H-wave data

VICTORIA COUNTY COL BORING B-2274A OFFSET **Source to Receiver and Receiver to Receiver Analysis**

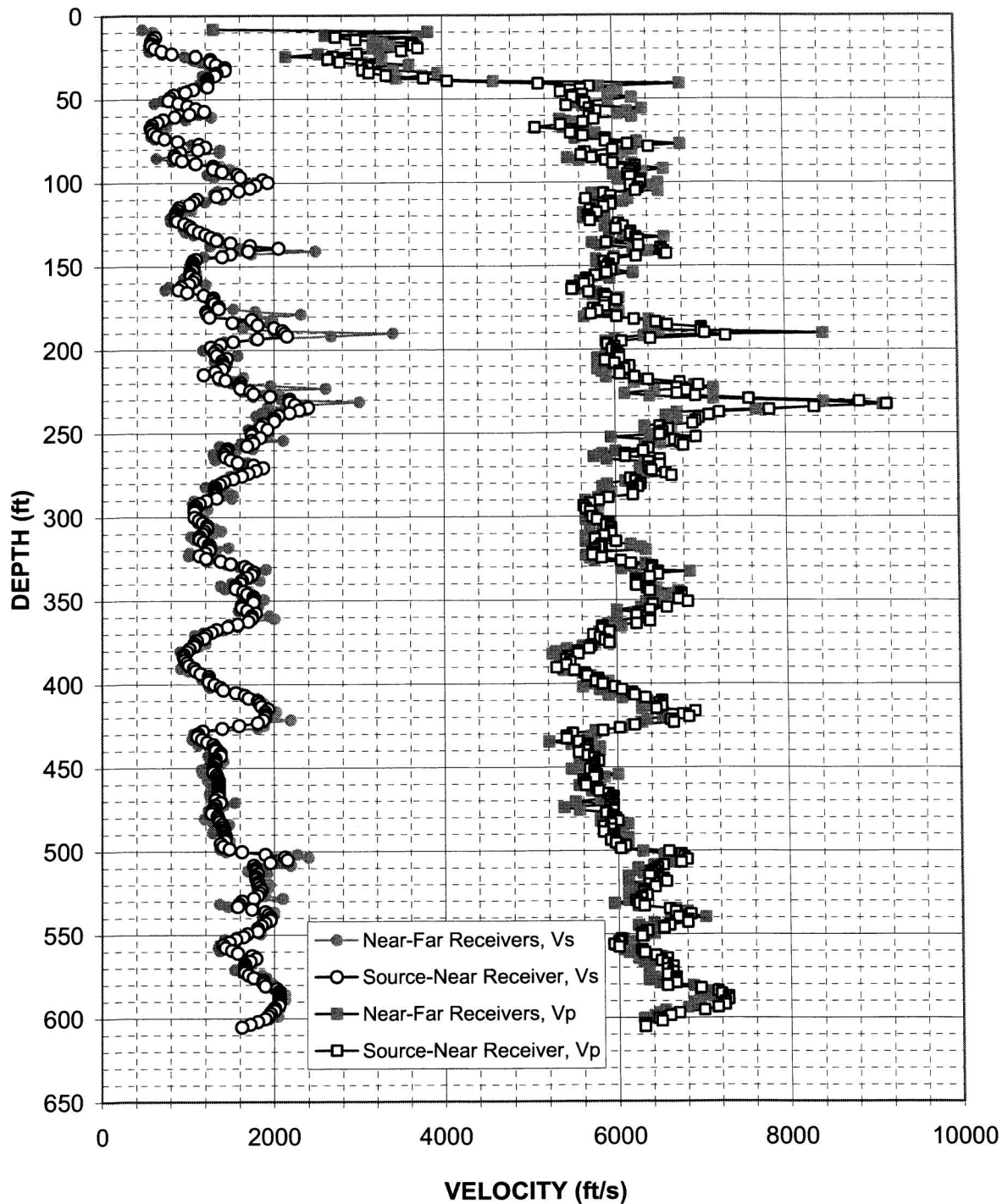


Figure A-8. Boring B-2274A OFFSET, R1 - R2 high resolution analysis
and S - R1 quality assurance analysis P- and S_H -wave data