

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	760	1520	90.2	2430	6600	172.2	1260	5800
9.8	960	2280	91.9	2580	7330	173.9	1250	6010
11.5	1080	2270	93.5	3510	8890	175.5	1570	6600
13.1	1100	2040	95.1	5050	9660	177.2	1660	6410
14.8	1030	1800	96.8	5130	9660	178.8	1230	6060
16.4	790	1860	98.4	5380	9950	180.5	1390	6060
18.0	890	1870	100.1	3750	9130	182.4	1490	6170
19.7	870	1750	101.7	2490	6870	183.7	1490	6170
21.3	830	2020	103.4	1700	6290	185.7	1980	6470
23.0	950	2420	105.0	1440	6230	187.0	2430	6730
24.6	880	2040	106.6	1100	5700	188.7	2280	6470
26.3	670	1970	108.3	850	5460	190.3	1710	6230
27.9	600	2920	109.9	790	5560	191.9	1740	6170
29.5	660	2600	111.6	790	5850	193.6	1680	6060
31.2	730	2950	113.2	900	6170	195.2	1690	6120
32.8	800	3300	114.8	1110	6290			
34.5	640	3170	116.5	1120	6170			
36.1	640	5130	118.1	1060	6120			
37.7	610	5560	119.8	1020	6010			
39.4	520	5380	121.4	1040	6010			
41.0	660	5420	123.0	1160	6170			
42.7	1270	5380	124.7	1170	6120			
44.3	1510	6350	126.3	1150	5950			
45.9	1560	6410	128.0	1120	5850			
47.6	1330	6120	129.6	1040	5650			
49.2	1190	5750	131.2	1050	5700			
50.9	960	5650	132.9	1060	5900			
52.5	840	5600	134.5	1060	5900			
54.1	900	5700	136.2	990	5850			
55.8	910	5510	137.8	910	5650			
57.4	850	5650	139.4	870	5560			
59.1	850	5170	141.1	870	5560			
60.7	930	5460	142.7	880	5560			
62.3	950	5750	144.4	880	5510			
64.0	940	5700	146.0	910	5510			
65.6	940	5700	147.6	930	5330			
67.3	1000	5600	149.3	910	5460			
68.9	1020	5700	150.9	920	5420			
70.5	1090	5850	152.6	930	5460			
72.2	1080	5900	154.2	970	5650			
73.8	1060	6010	155.8	1110	5950			
75.5	1170	6470	157.5	1210	6010			
77.1	1550	6540	159.1	1280	6120			
78.7	1790	6470	160.8	1230	6010			
80.4	1980	6290	162.7	1530	6350			
82.0	1560	6600	164.0	2030	6940			
83.7	2540	7660	165.7	2180	6470			
85.3	2100	7250	167.3	1630	6120			
86.9	2000	7170	169.0	1410	5900			
88.6	2210	7490	170.6	1400	5650			

Table 8. Boring B-2162A OFFSET, Suspension R1-R2 depths and P- and S_H-wave velocities

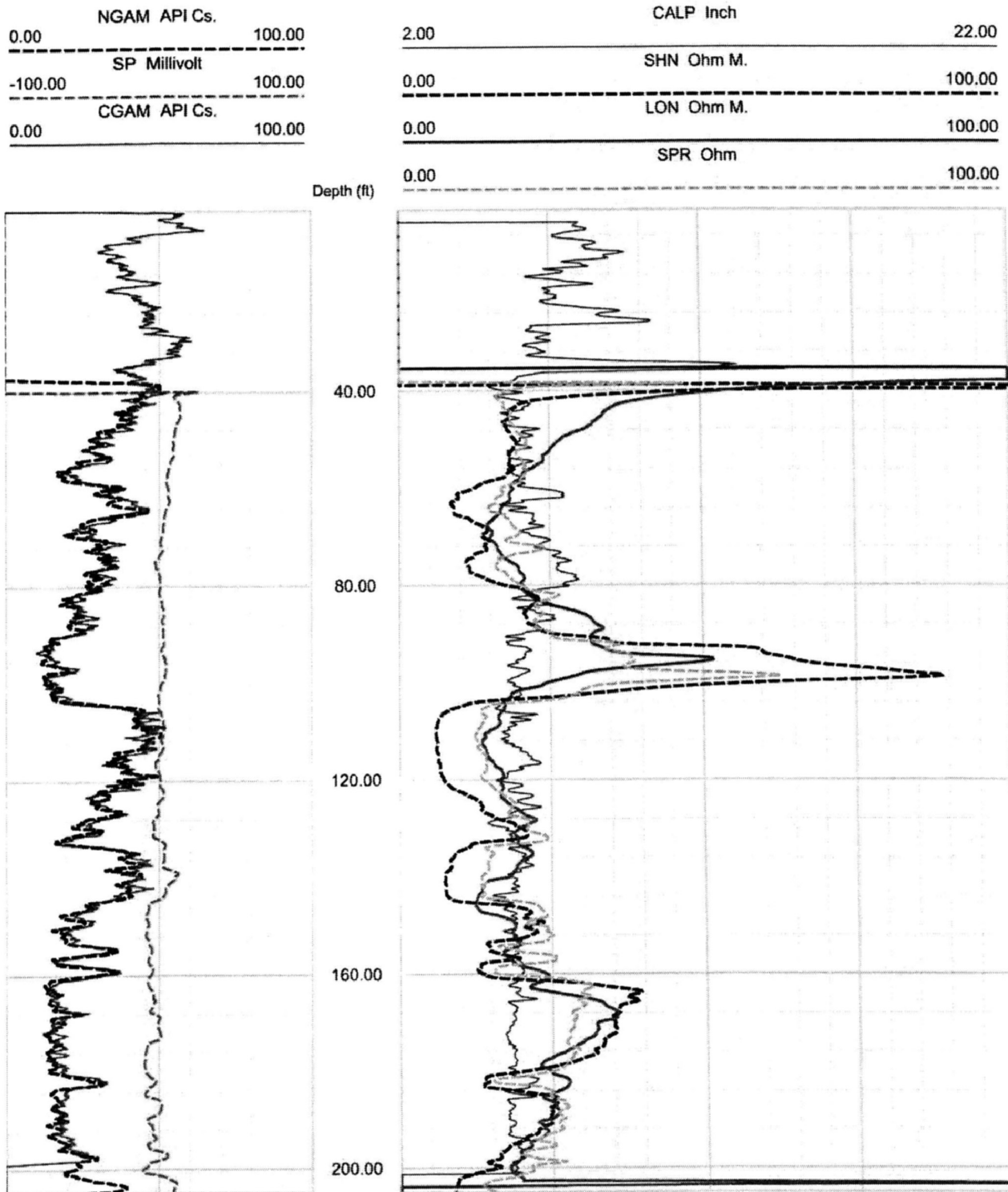


Figure 10. Boring B-2162A OFFSET, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N211

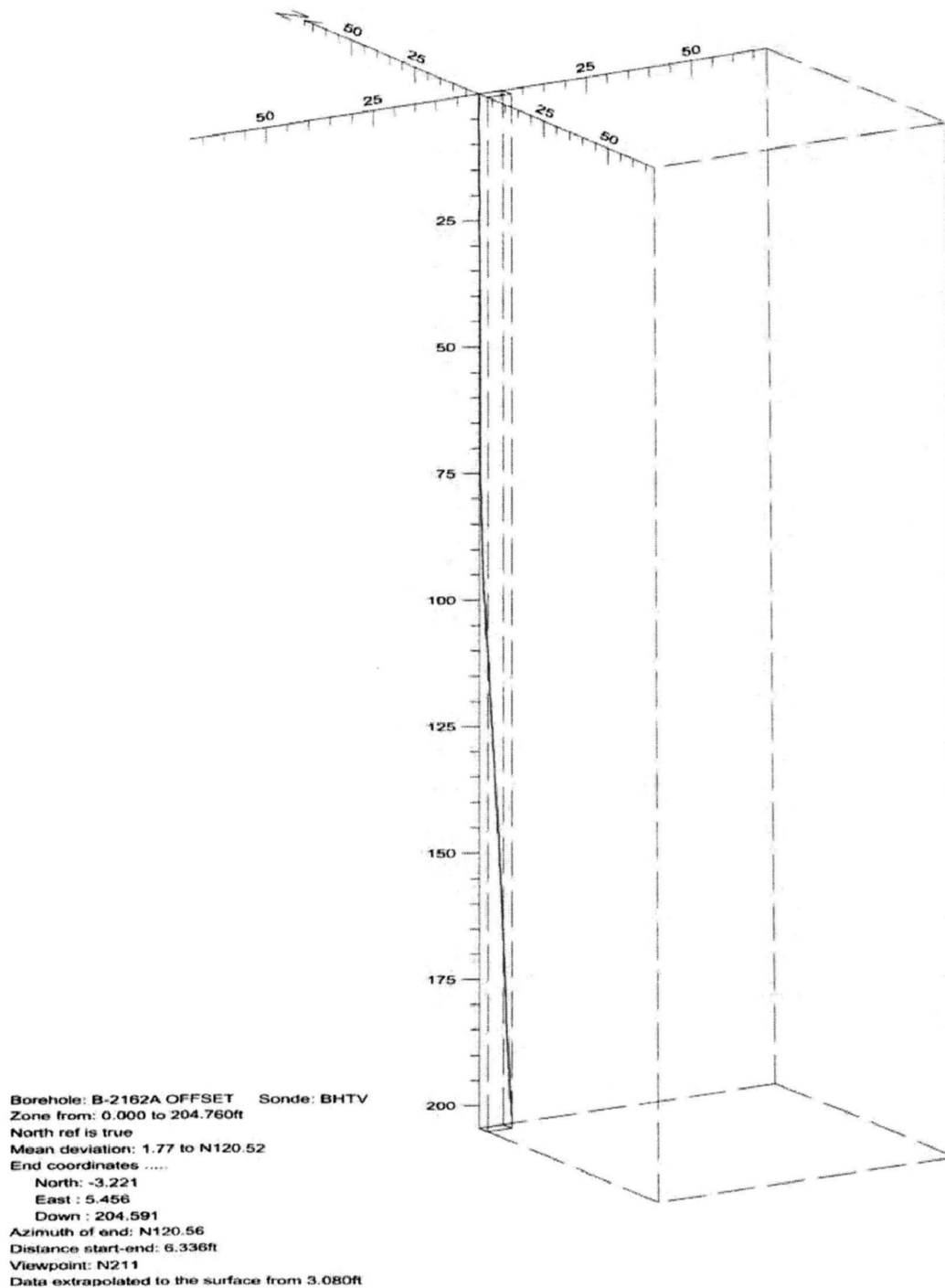


Figure 11. Boring B-2162A OFFSET, Deviation Projection (dimensions in feet)

VICTORIA COUNTY COL BORING B-2174A OFFSET Receiver to Receiver V_s and V_p Analysis

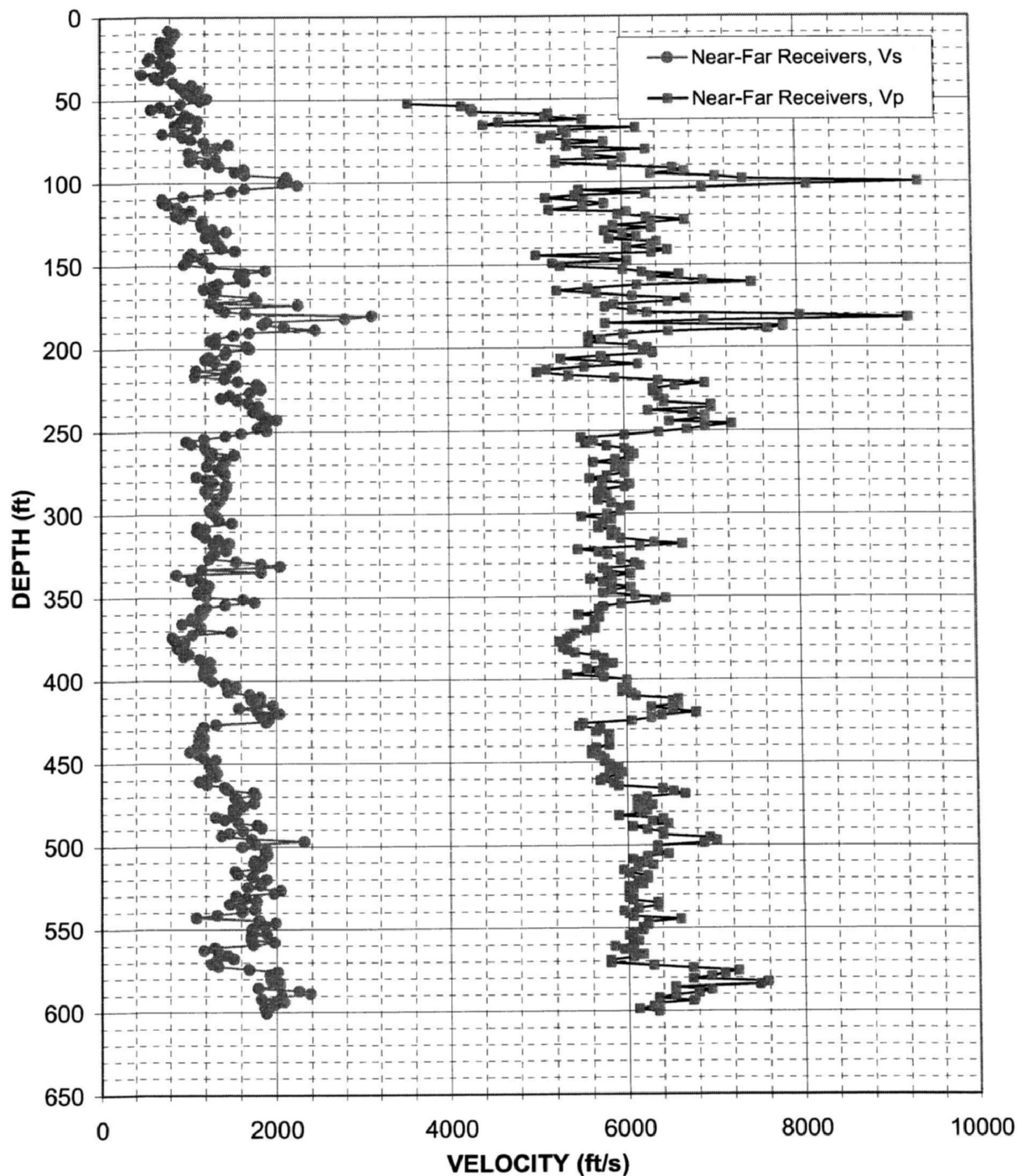


Figure 12: Boring B-2174A OFFSET, Suspension R1-R2 P- and S_H -wave velocities

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	780	-	90.2	1370	5900	172.2	1270	6540
9.8	860	-	91.9	1640	6600	173.9	2250	5900
11.5	840	-	93.5	1540	6730	175.5	1360	5800
13.1	810	-	95.1	1650	6350	177.5	1420	6120
14.8	690	-	96.8	2120	7090	178.8	1660	6290
16.4	770	-	98.4	2140	7410	180.5	3120	8030
18.0	680	-	100.1	2080	9390	182.1	2800	9260
19.7	690	-	101.7	2250	8130	183.7	1890	6940
21.3	800	-	103.7	1650	6940	185.4	1850	5800
23.0	720	-	105.0	1500	5510	187.0	2100	7840
24.6	560	-	107.0	1250	6290	188.7	2450	7660
26.3	540	-	108.3	950	5460	190.3	1700	6540
27.9	690	-	109.9	700	5130	191.9	1520	6010
29.5	790	-	111.6	700	5560	193.6	1320	5600
31.2	810	-	113.2	770	5800	195.2	1260	5750
32.8	750	-	114.8	880	5560	196.9	1320	5600
34.5	470	-	116.8	1040	5170	198.5	1670	6120
36.1	620	-	118.1	970	6060	200.1	1700	6290
37.7	670	-	119.8	870	5950	201.8	1440	6230
39.4	830	-	121.4	930	6290	203.4	1420	6350
41.0	1050	-	123.0	1170	6730	205.1	1240	5750
42.7	920	-	124.7	1150	6350	206.7	1200	5290
44.3	1140	-	126.3	1170	5900	208.3	1310	5800
45.9	980	-	128.0	1280	6350	210.0	1540	6170
47.6	1040	-	129.6	1440	5800	211.6	1510	5560
49.2	1220	-	131.2	1300	6010	213.3	1100	5130
50.9	1150	-	132.9	1210	6170	214.9	1440	5010
52.5	920	3550	134.5	1320	5850	216.5	1080	5380
54.1	680	4170	136.2	1360	6410	218.2	1420	5900
55.8	570	4270	137.8	1360	6350	219.8	1570	6410
57.4	800	4300	139.4	1390	6060	221.5	1780	6940
59.1	980	5170	141.1	1540	6540	223.1	1820	6600
60.7	1030	5130	142.7	1050	6350	224.7	1830	6350
62.3	1120	5560	144.4	1010	5010	226.4	1710	6350
64.0	920	4600	146.0	1170	5800	228.0	1480	6410
65.6	850	4420	147.6	1000	6060	229.7	1380	6410
67.3	1100	6170	149.3	960	5210	231.3	1560	6470
68.9	860	5330	150.9	1270	5290	232.9	1690	6470
70.5	710	5380	152.9	1880	6010	234.6	1800	7020
72.2	940	5210	154.5	1640	6230	236.2	1790	7020
73.8	1040	5090	155.8	1590	6670	237.9	1750	6290
75.8	1190	5800	157.5	1600	6350	239.5	1820	6800
77.1	1470	5380	159.5	1650	6940	241.1	1880	6940
78.7	1340	5380	160.8	1360	7490	242.8	2010	6940
80.4	1230	6290	162.4	1290	6170	244.4	1890	6540
82.0	1020	5600	164.0	1180	5600	246.1	1850	7250
83.7	1060	5650	165.7	1330	5250	247.7	1790	6940
85.6	1320	6010	167.3	1300	5700	249.3	1890	6730
86.9	1020	5250	169.0	1750	6120	251.0	1610	6410
88.6	1220	5250	170.6	1780	6730	252.6	1430	6010

Table 9. Boring B-2174A OFFSET, Suspension R1-R2 depths and 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)
254.3	1190	5510	336.3	870	6060	418.3	1780	6540
255.9	980	5650	337.9	1110	5850	420.0	2030	6800
257.6	1040	5560	339.6	1040	5600	421.6	1830	6410
259.2	1190	5800	341.2	1170	5750	423.2	1920	6290
260.8	1210	6010	342.9	1240	5850	424.9	1880	6060
262.5	1280	6060	344.5	1220	6060	426.5	1320	5510
264.1	1530	6120	346.1	1130	5850	428.2	1180	5460
265.8	1260	6060	347.8	1110	5750	429.8	1160	5700
267.4	1430	5900	349.4	1210	6120	431.4	1140	5650
269.0	1410	5650	351.1	1630	6470	433.1	1130	5800
270.7	1220	6010	352.7	1750	6350	434.7	1180	5800
272.3	1350	5900	354.3	1420	5950	436.4	1130	5800
274.0	1410	6010	356.0	1210	5750	438.0	1170	5800
275.6	1420	6010	357.6	1140	5700	439.6	1180	5800
277.2	1100	5800	359.3	1170	5700	441.3	1100	5650
278.9	1220	5600	360.9	1150	5460	442.9	1020	5600
280.5	1290	5750	362.5	1040	5700	444.6	1120	5600
282.2	1440	6060	364.8	1100	5650	446.2	1170	5700
283.8	1440	6010	365.8	930	5650	447.8	1320	5750
285.4	1200	5750	367.5	1150	5650	449.5	1270	5750
287.1	1230	5700	369.1	1150	5650	451.1	1240	5800
288.7	1400	5800	370.7	1490	5560	452.8	1260	5900
290.4	1330	5700	372.4	1050	5420	454.4	1320	5800
292.0	1370	5700	374.0	820	5380	456.0	1330	5950
293.6	1320	5850	375.7	850	5330	457.7	1310	5900
295.3	1290	6060	377.3	960	5250	459.3	1220	5750
296.9	1250	5950	378.9	920	5290	461.0	1130	5700
298.6	1260	5950	380.6	880	5290	462.6	1220	5850
300.2	1310	5800	382.2	940	5330	464.2	1420	5900
301.8	1340	5510	383.9	1010	5420	465.9	1460	6410
303.5	1360	5850	385.5	950	5650	467.5	1750	6540
305.1	1500	5750	387.1	1130	5750	469.2	1760	6670
307.4	1110	5700	388.8	1250	5750	470.8	1540	6230
308.4	1200	5700	390.4	1190	5850	472.4	1560	6120
310.0	1110	5850	392.1	1190	5750	474.1	1750	6230
311.7	1160	5900	393.7	1260	5560	475.7	1630	6290
313.3	1200	5850	395.3	1180	5700	477.4	1520	6120
315.0	1350	5950	397.0	1180	5330	479.0	1550	6230
317.3	1470	6350	398.6	1240	5750	480.6	1520	6170
318.2	1290	6670	400.3	1270	6010	482.3	1310	5900
319.9	1430	6170	401.9	1430	6010	483.9	1420	6410
321.5	1440	5460	403.5	1540	6010	485.6	1570	6290
323.2	1310	5700	405.2	1460	5950	487.2	1780	6470
324.8	1270	5800	406.8	1460	5950	488.9	1830	6060
326.4	1240	5950	408.5	1700	6060	490.5	1620	6230
328.1	1550	5950	410.1	1820	6120	492.1	1470	6410
329.7	1830	6120	411.8	1720	6600	493.8	1380	6410
331.4	2040	6170	413.4	1810	6540	495.4	1720	6940
333.0	1160	5750	415.0	1960	6600	497.1	2310	7020
334.7	1830	5800	416.7	1580	6290	498.7	1750	6870

Table 9, continued. Boring B-2174A OFFSET, Suspension R1-R2 depths and 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)
500.3	1610	6350	582.4	2030	7580
502.0	1880	6350	584.0	2030	7490
503.6	1870	6350	585.6	1790	6540
505.3	1890	6470	587.3	2250	6940
506.9	1860	6230	588.9	2380	6800
508.5	1750	6060	590.6	2060	6540
510.2	1750	6170	592.2	1830	6350
511.8	1830	6290	593.8	2080	6730
513.5	1760	6120	595.5	1970	6350
515.1	1540	5950	597.1	1860	6290
516.7	1560	6010	598.8	1890	6120
518.4	1730	6230	600.4	1880	6350
520.0	1880	6230			
521.7	1830	6120			
523.3	1820	6170			
524.9	1680	6010			
526.6	2040	6060			
528.2	1970	6010			
529.9	1540	6010			
531.5	1650	6010			
533.1	1770	6060			
534.8	1470	6350			
536.4	1600	6350			
538.1	1750	6120			
539.7	1610	5950			
541.3	1330	6010			
543.0	1100	6060			
544.6	1800	6600			
546.3	1980	6230			
547.9	1860	6230			
549.5	1730	6170			
551.2	1730	6170			
552.8	1880	6060			
554.5	1720	6010			
556.1	1720	6060			
557.7	1970	6120			
559.4	1740	6060			
561.0	1310	5850			
562.7	1180	5950			
564.3	1350	6060			
565.9	1450	6170			
567.6	1520	6060			
569.2	1320	5800			
570.9	1270	5800			
572.5	1340	6290			
574.2	1690	6730			
575.8	2010	7250			
577.4	1930	7090			
579.1	1950	6940			
580.7	1940	6730			

Table 9, continued. Boring B-2174A OFFSET, Suspension R1-R2 depths and P- and S_H- wave velocities

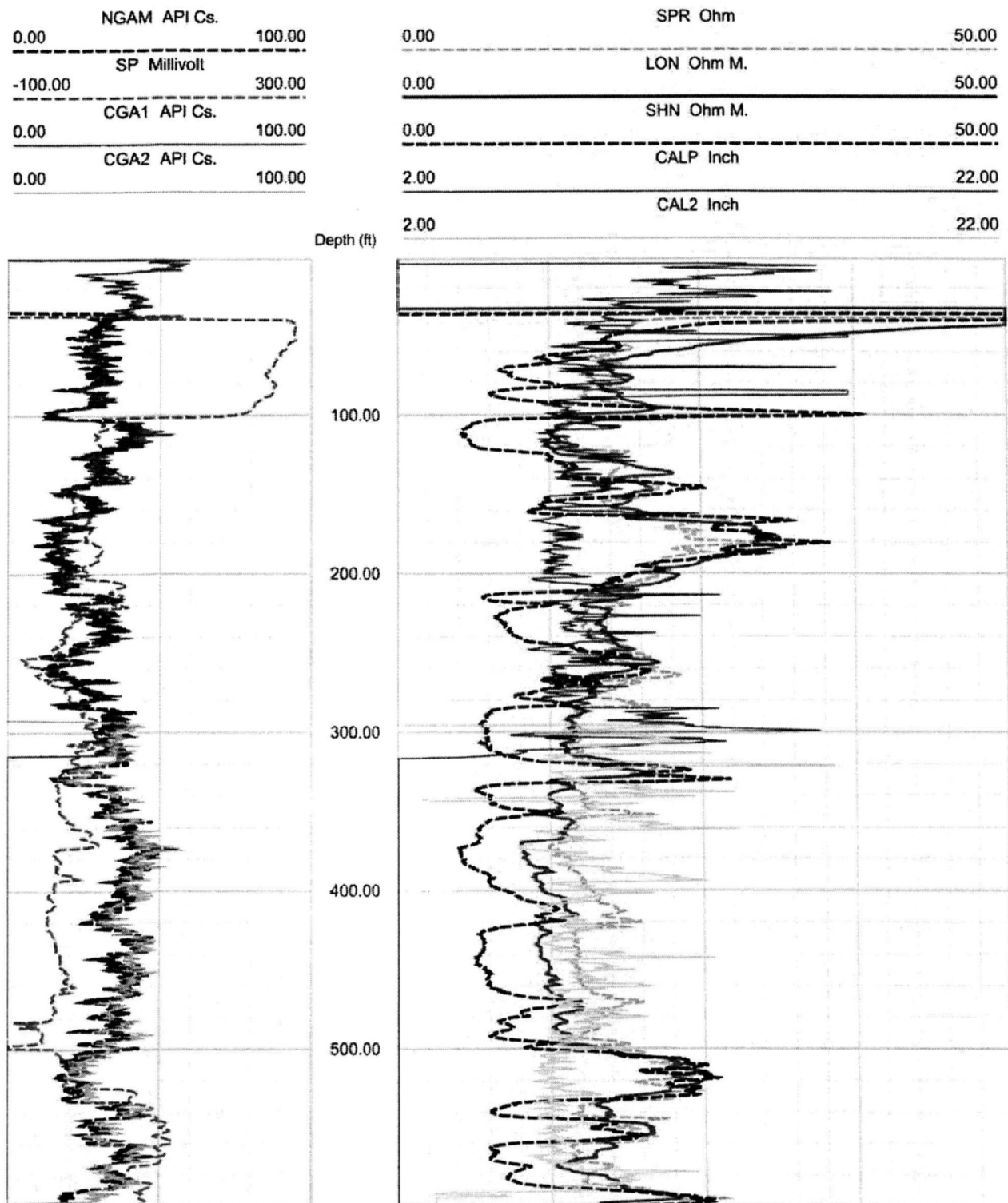


Figure 13. Boring B-2174A OFFSET, Caliper, Natural gamma, Resistivity and SP logs

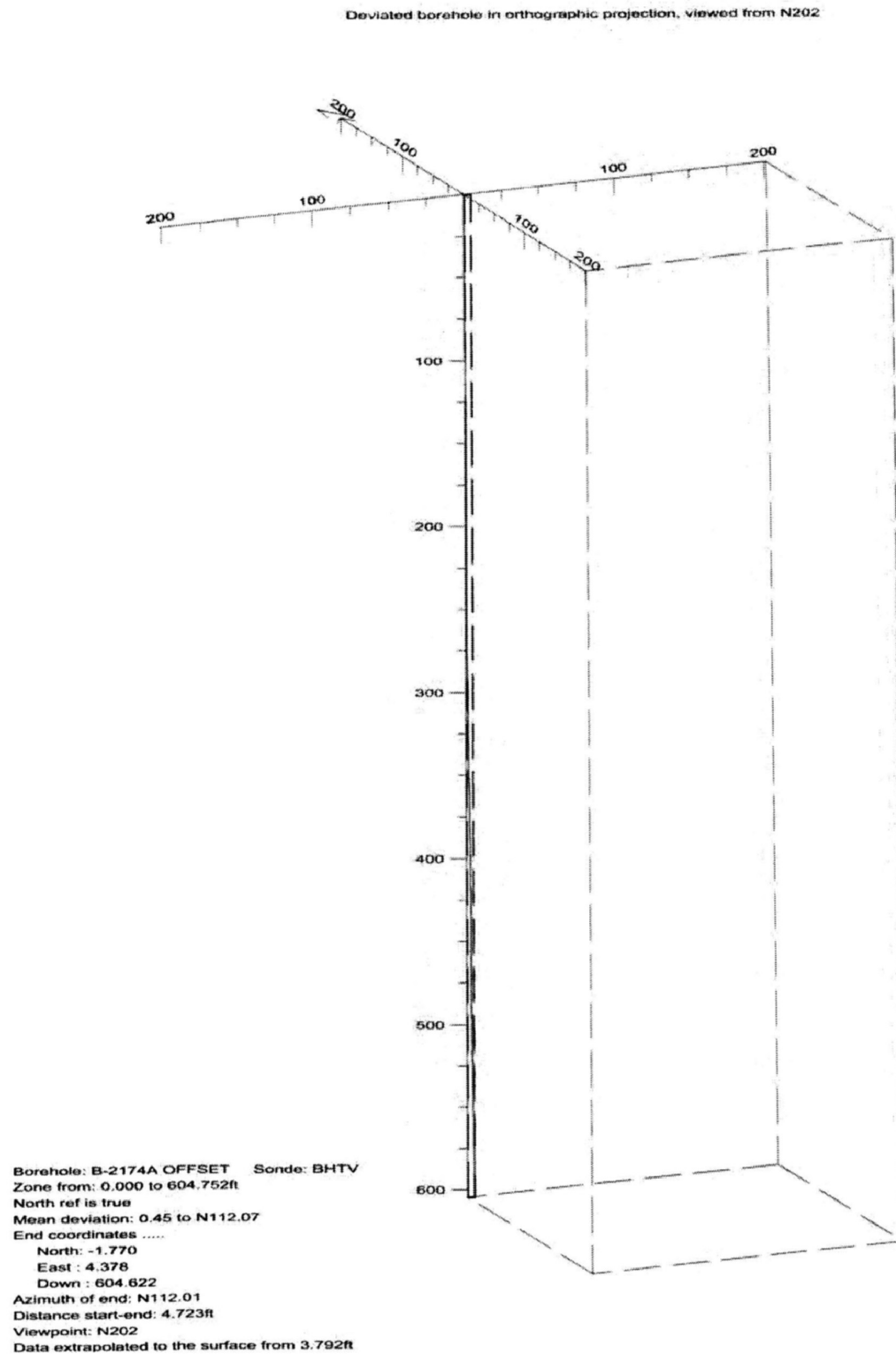


Figure 14. Boring B-2174A OFFSET, Deviation Projection (dimensions in feet)

VICTORIA COUNTY COL BORING B-2176A OFFSET **Receiver to Receiver V_s and V_p Analysis**

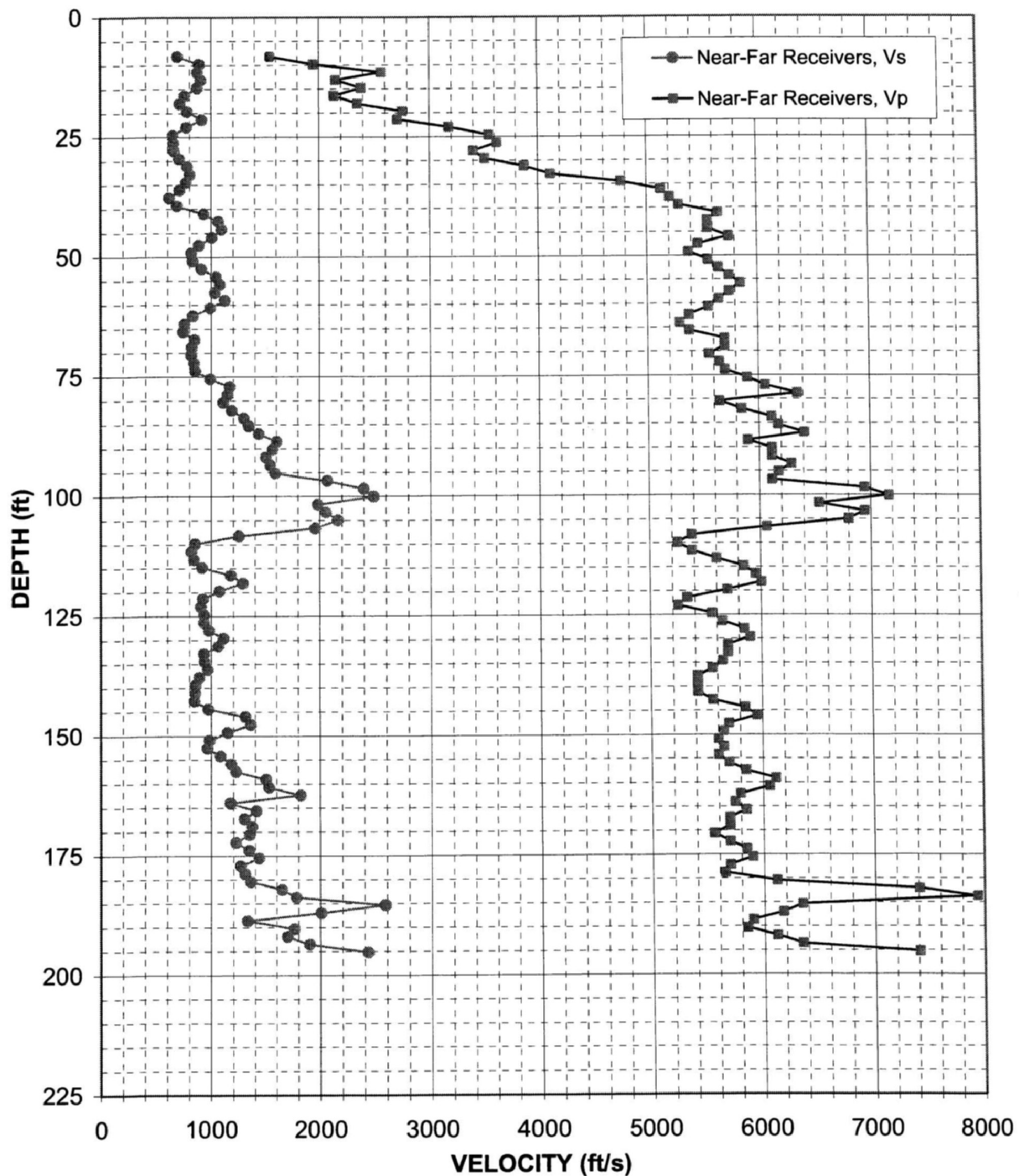


Figure 15: Boring B-2176A OFFSET, Suspension R1-R2 P- and S_H -wave velocities

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	690	1540	90.2	1560	6120	172.2	1230	5700
9.8	890	1950	91.9	1500	6120	173.9	1340	5850
11.5	870	2560	93.5	1540	6290	175.5	1440	5900
13.1	900	2150	95.1	1590	6170	177.2	1270	5700
14.8	870	2380	96.8	2070	6120	178.8	1310	5650
16.4	760	2140	98.4	2400	6940	180.5	1360	6120
18.0	710	2350	100.1	2490	7170	182.1	1650	7410
19.7	780	2750	101.7	1980	6540	183.7	1780	7940
21.3	910	2710	103.4	2060	6940	185.4	2580	6350
23.0	770	3170	105.0	2160	6800	187.0	2010	6170
24.6	650	3550	106.6	1960	6060	188.7	1330	5900
26.3	650	3620	108.3	1250	5380	190.3	1760	5850
27.9	660	3400	109.9	850	5250	191.9	1700	6120
29.5	710	3510	111.6	820	5380	193.6	1900	6350
31.2	780	3880	113.2	840	5600	195.2	2430	7410
32.8	800	4120	114.8	910	5850			
34.5	770	4760	116.5	1180	5950			
36.1	710	5130	118.1	1290	6010			
37.7	610	5210	119.8	1080	5700			
39.4	680	5290	121.4	920	5330			
41.0	930	5650	123.0	900	5250			
42.7	1060	5560	124.7	930	5560			
44.3	1090	5560	126.3	930	5650			
45.9	1000	5750	128.0	980	5850			
47.6	880	5460	129.6	1110	5900			
49.2	810	5380	131.2	1060	5700			
50.9	830	5560	132.9	930	5700			
52.5	910	5650	134.5	940	5650			
54.1	1040	5750	136.2	970	5560			
55.8	1080	5850	137.8	890	5420			
57.4	1030	5750	139.4	850	5420			
59.1	1120	5650	141.1	850	5420			
60.7	990	5560	142.7	850	5560			
62.3	830	5380	144.4	970	5850			
64.0	750	5290	146.0	1310	5950			
65.6	740	5380	147.6	1360	5700			
67.3	850	5700	149.3	1150	5650			
68.9	820	5700	150.9	980	5600			
70.5	810	5560	152.6	960	5650			
72.2	840	5650	154.2	1080	5600			
73.8	850	5700	155.8	1180	5700			
75.5	990	5900	157.5	1230	5850			
77.1	1170	6060	159.1	1500	6120			
78.7	1150	6350	160.8	1530	6060			
80.4	1110	5650	162.4	1820	5800			
82.0	1190	5850	164.0	1170	5750			
83.7	1300	6120	165.7	1410	5850			
85.3	1340	6170	167.3	1300	5700			
86.9	1440	6410	169.0	1370	5700			
88.6	1600	5900	170.6	1350	5560			

Table 10. Boring B-2176A OFFSET, Suspension R1-R2 depths and P- and S_H-wave velocities

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

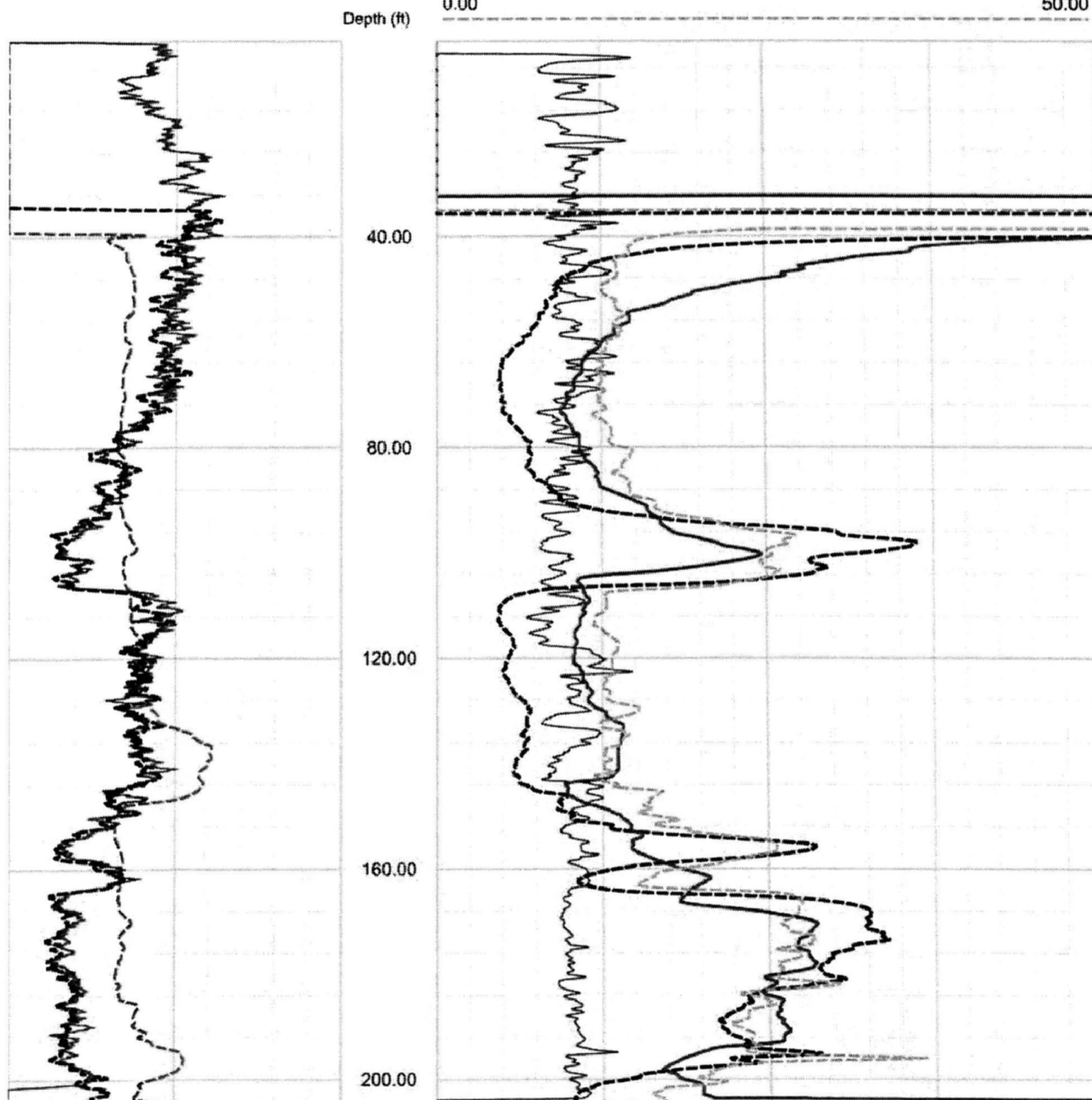


Figure 16. Boring B-2176A OFFSET, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N330

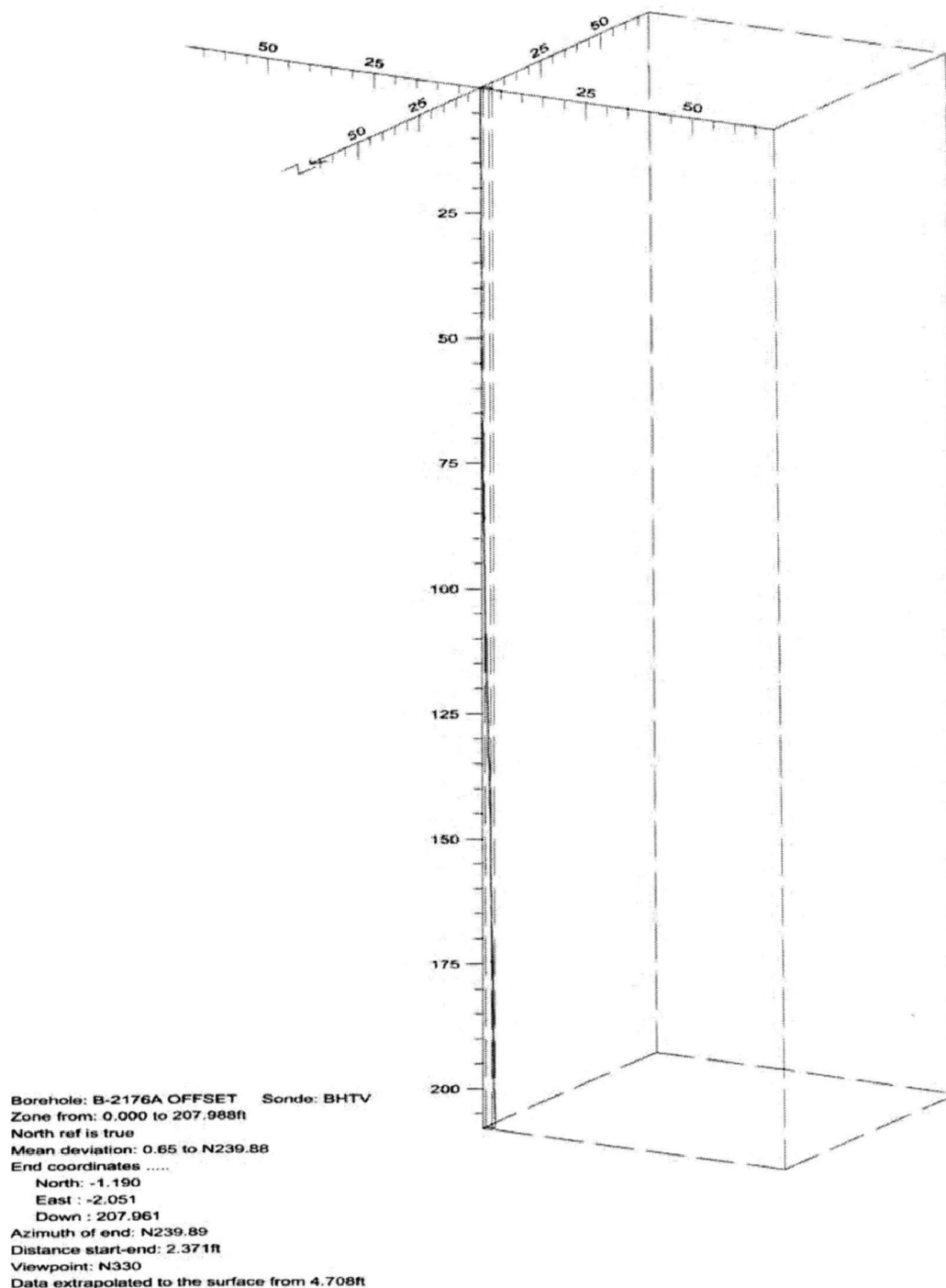


Figure 17. Boring B-2176A OFFSET, Deviation Projection (dimensions in feet)

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

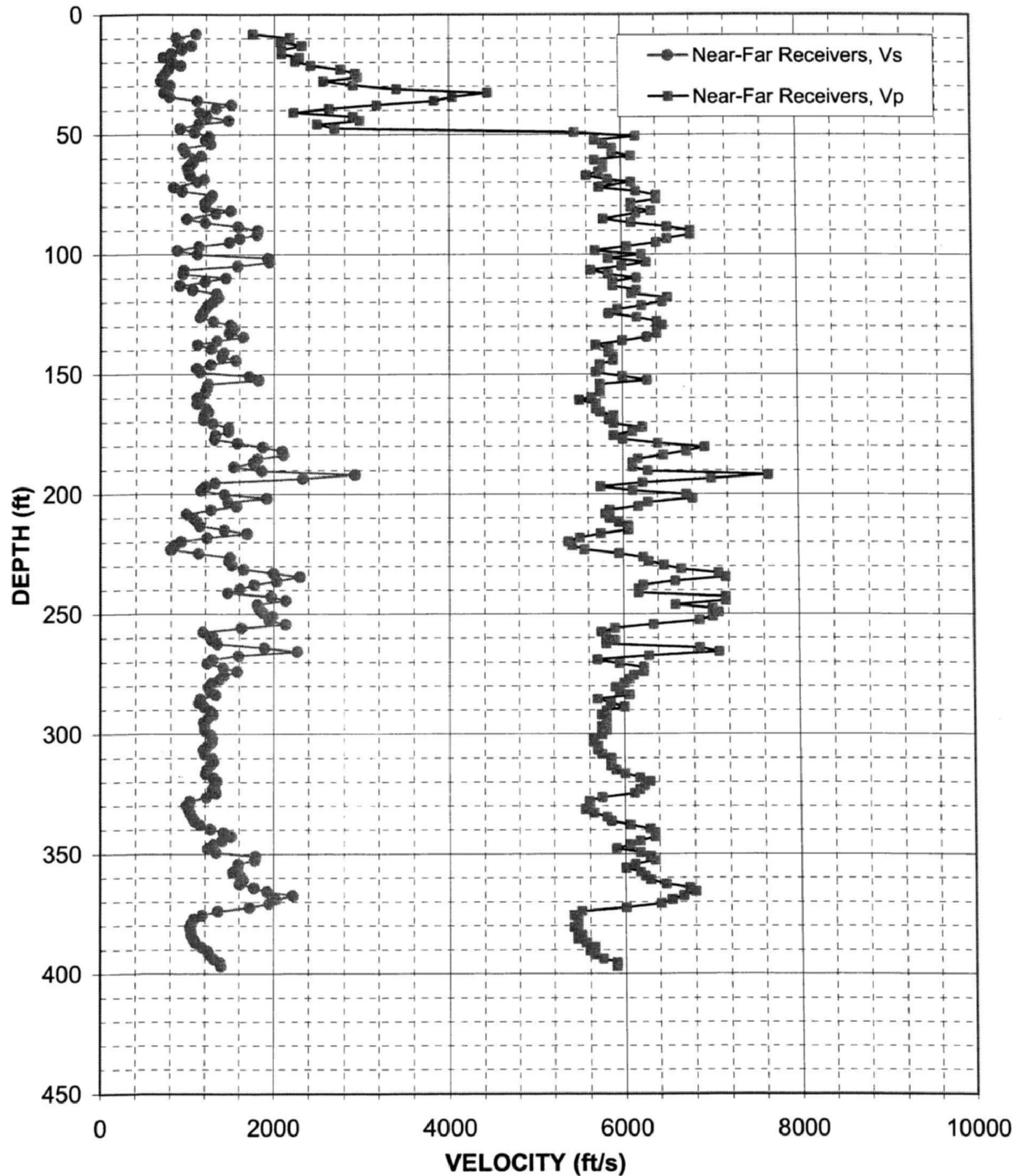


Figure 18: Boring B-2182A OFFSET, Suspension R1-R2 P- and S_H -wave velocities

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	1080	1750	90.2	1810	6800	172.2	1470	6230
9.8	850	2180	91.9	1800	6800	173.9	1470	6120
11.5	870	2070	93.5	1600	6540	175.5	1320	5900
13.1	1030	2310	95.1	1480	6410	177.2	1310	6010
14.8	910	2080	96.8	1110	6060	178.8	1580	6410
16.4	790	2080	98.4	860	5700	180.5	1870	6940
18.0	700	2280	100.1	1100	6230	182.1	2100	6730
19.7	790	2240	101.7	1930	5850	183.7	2110	6470
21.3	900	2420	103.4	1950	6290	185.4	1810	6170
23.0	750	2750	105.0	1580	6010	187.0	1760	6120
24.6	720	2920	106.6	940	5650	188.7	1540	6120
26.3	680	2950	108.3	930	5850	190.3	1860	6290
27.9	670	2560	109.9	1440	6170	191.9	2920	7660
29.5	770	2900	111.6	1190	5900	193.6	2330	7020
31.2	760	3400	113.2	890	5900	195.2	1310	6230
32.8	710	4440	114.8	1040	6170	196.9	1200	5750
34.5	770	4040	116.5	1330	6120	198.5	1150	6120
36.1	1100	3830	118.1	1360	6540	200.1	1420	6730
37.7	1500	3170	119.8	1290	6470	201.8	1920	6800
39.4	1320	2620	121.4	1230	6230	203.4	1470	6290
41.0	1120	2220	123.0	1190	5950	205.1	1570	6170
42.7	1210	2900	124.7	1160	5850	206.7	1260	5850
44.3	1470	2980	126.3	1130	6170	208.3	980	5800
45.9	1110	2490	128.0	1290	6410	210.0	1060	5850
47.6	890	2690	129.6	1490	6470	211.6	1100	5950
49.2	1060	5460	131.2	1530	6410	213.3	1130	6060
50.9	1240	6170	132.9	1480	6410	214.9	1420	6060
52.5	1190	5700	134.5	1640	6290	216.5	1690	5750
54.1	1250	5800	136.2	1330	6010	218.2	1220	5510
55.8	930	5900	137.8	1100	5700	219.8	920	5380
57.4	960	5900	139.4	1260	5850	221.5	840	5420
59.1	1140	6120	141.1	1410	5850	223.1	800	5560
60.7	1060	5700	142.7	1390	5900	224.7	1120	5950
62.3	1030	5800	144.4	1560	5900	226.4	1490	6230
64.0	980	5800	146.0	1260	5750	228.0	1480	6290
65.6	990	5750	147.6	1090	5750	229.7	1520	6470
67.3	1010	5600	149.3	1130	5700	231.3	1650	6670
68.9	1180	5850	150.9	1720	6010	232.9	2000	7090
69.9	1100	6120	152.6	1820	6290	234.6	2300	7170
72.2	820	5750	154.2	1230	5750	236.2	2030	6600
73.8	920	6170	155.8	1220	5750	237.9	1770	6230
75.5	1270	6410	157.5	1200	5750	239.5	1610	6170
77.1	1240	6410	159.8	1100	5650	241.1	1470	6170
78.7	1190	6120	160.8	1130	5510	242.8	1970	7170
80.4	1190	6120	162.4	1100	5700	244.4	2140	7170
82.0	1490	6350	164.4	1210	5700	246.1	1810	6600
83.0	1320	6170	165.7	1230	5750	247.7	1830	7020
85.3	970	5800	167.3	1180	5900	249.3	1870	7090
86.9	1190	6120	169.0	1170	5850	251.0	1980	7020
88.6	1590	6540	170.6	1280	5900	252.6	1950	6870

Table 11. Boring B-2182A OFFSET, Suspension R1-R2 depths and 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)
254.3	2140	6350	336.3	1080	5850
255.9	1630	5900	337.9	1140	6060
257.6	1170	5750	339.6	1260	6290
259.2	1290	5800	341.2	1420	6350
260.8	1270	5900	342.9	1510	6350
262.5	1340	5800	344.5	1400	6170
264.1	1890	6870	346.1	1300	6060
265.8	2270	7090	347.8	1230	5900
267.4	1590	6290	349.4	1330	6170
269.0	1290	5700	351.1	1790	6290
270.7	1230	5950	352.7	1780	6350
272.3	1410	6230	354.3	1590	6120
274.0	1580	6230	356.0	1590	6010
275.6	1420	6120	357.6	1530	6170
277.2	1370	6060	359.3	1620	6230
278.9	1280	6010	360.9	1650	6290
280.5	1240	5900	362.5	1610	6470
282.2	1260	5950	364.2	1770	6730
283.8	1330	6060	365.8	1930	6800
285.4	1140	5700	367.5	2220	6670
287.1	1130	5850	369.1	2020	6540
288.7	1190	6010	370.7	1950	6410
290.4	1260	5800	372.4	1730	6010
292.0	1290	5750	374.0	1360	5510
293.6	1230	5800	375.7	1170	5420
295.3	1180	5800	377.3	1080	5460
296.9	1190	5750	378.9	1040	5460
298.6	1200	5800	380.6	1030	5420
300.2	1260	5750	382.2	1040	5460
301.8	1290	5650	383.9	1040	5510
303.5	1280	5650	385.5	1070	5460
305.1	1230	5700	387.1	1090	5560
306.8	1180	5700	388.8	1160	5650
308.4	1190	5750	390.4	1230	5600
310.0	1280	5850	392.1	1250	5650
311.7	1300	5850	393.7	1300	5750
313.3	1260	5850	395.3	1380	5900
315.0	1230	5900	397.0	1390	5900
316.6	1210	6010			
318.2	1300	6170			
319.9	1340	6290			
321.5	1320	6230			
323.2	1290	6170			
324.8	1330	6120			
326.4	1220	5750			
328.1	1020	5600			
329.7	990	5600			
331.4	1010	5560			
333.0	1030	5650			
334.7	1050	5800			

Table 11, continued. Boring B-2182A OFFSET, Suspension R1-R2 depths and P- and S_H-wave velocities

0.00	NGAM API Cs.	100.00
-100.00	SP Millivolt	250.00
0.00	CGAM API Cs.	100.00

2.00	CALP Inch	22.00
0.00	SHN Ohm M.	50.00
0.00	LON Ohm M.	60.00
0.00	SPR Ohm	60.00

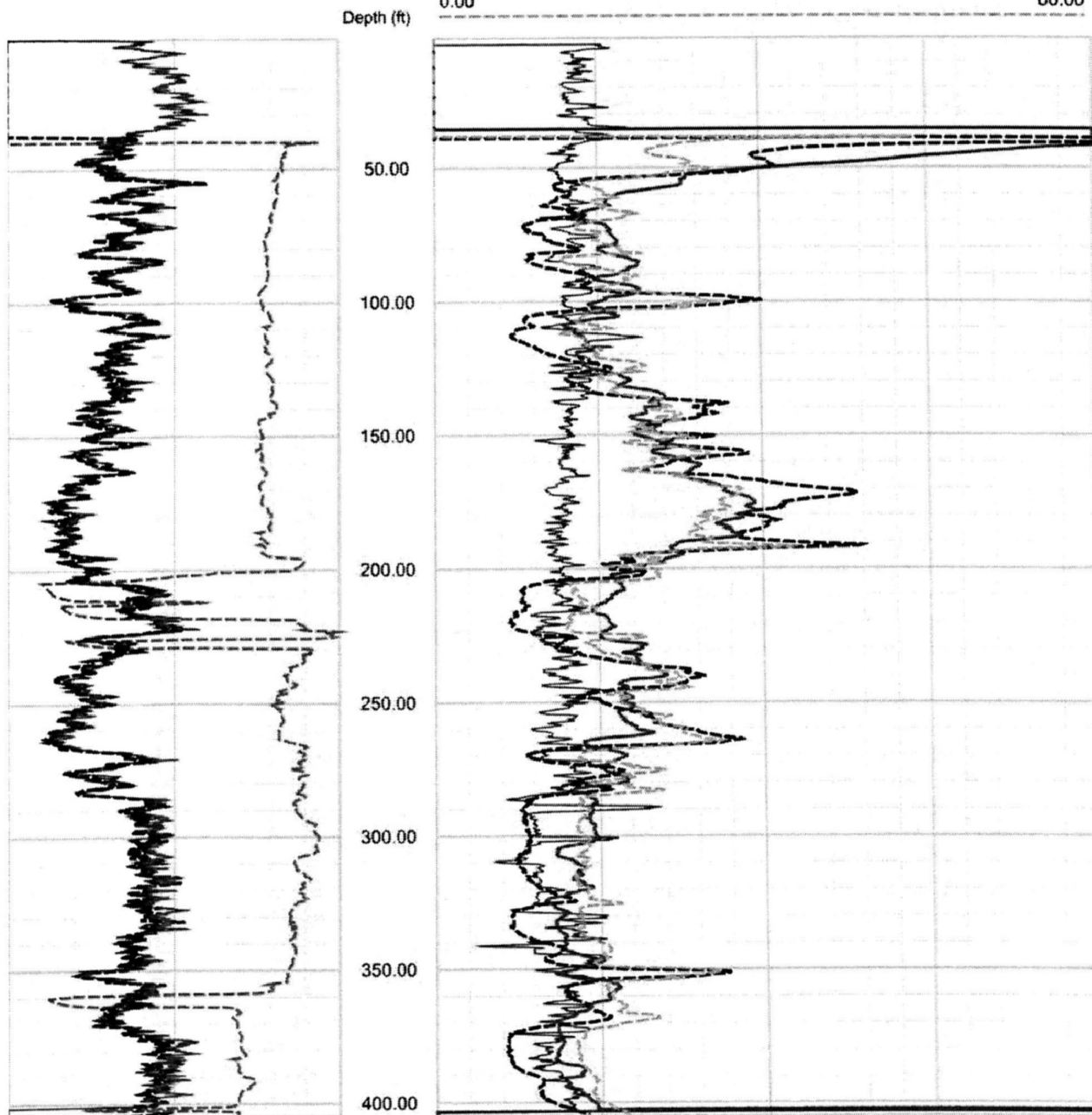


Figure 19. Boring B-2182A OFFSET, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N133

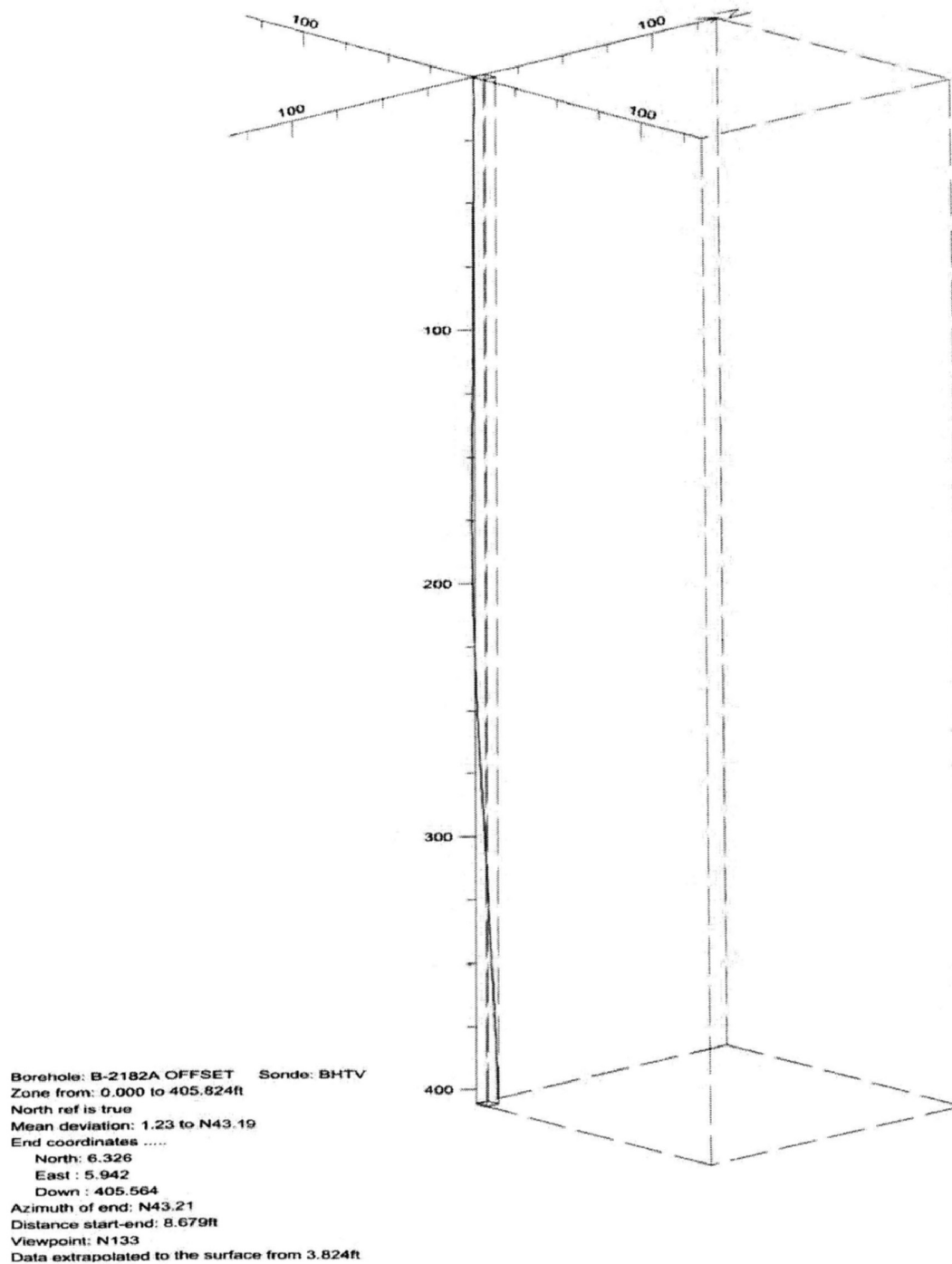


Figure 20. Boring B-2182A OFFSET, Deviation Projection (dimensions in feet)

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

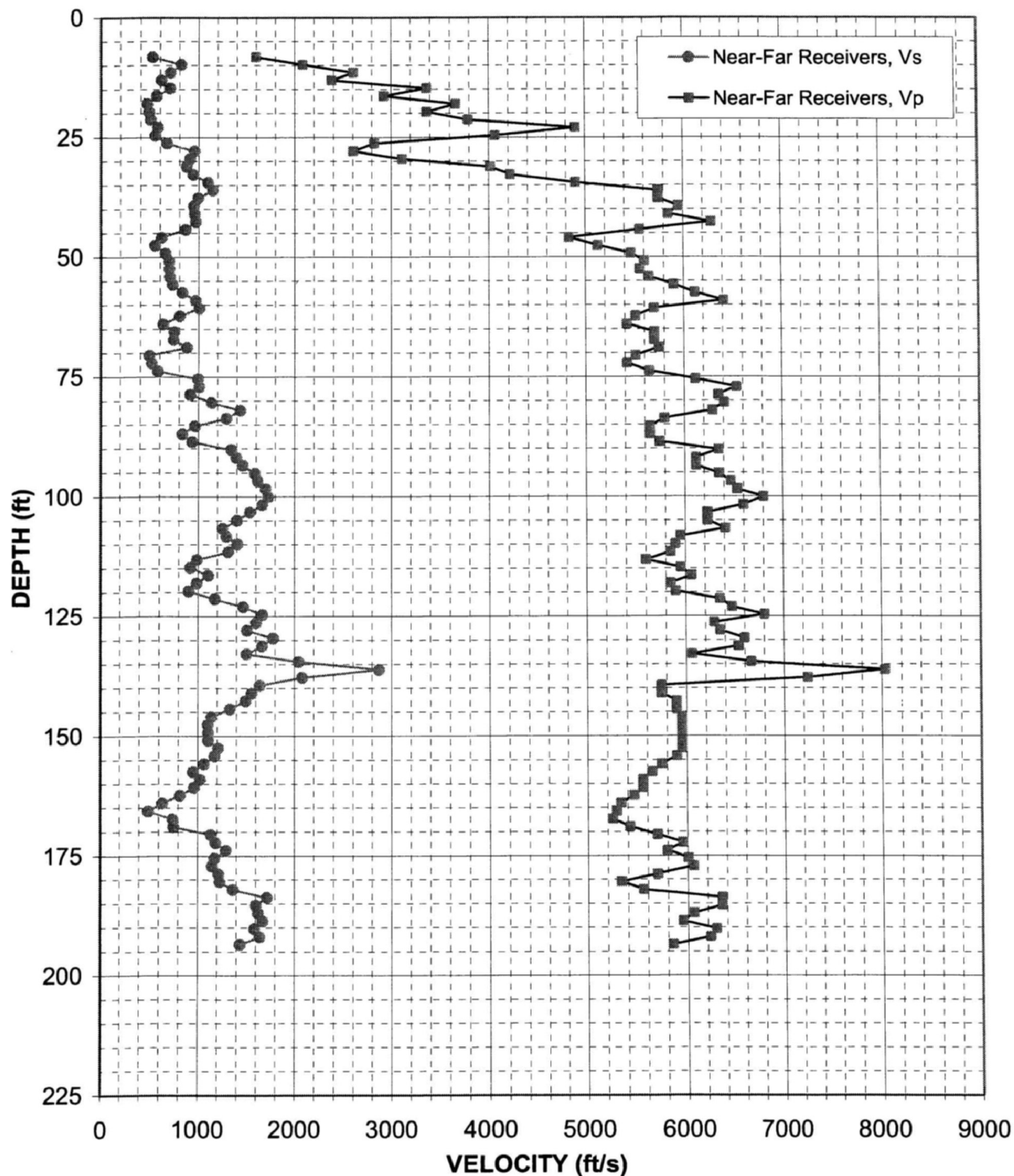


Figure 21: Boring B-2262A OFFSET, Suspension R1-R2 P- and S_H -wave velocities

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	520	1590	90.2	1340	6350	172.2	1180	5950
9.8	820	2080	91.9	1390	6120	173.9	1290	5800
11.5	710	2600	93.5	1460	6120	175.5	1170	6010
13.1	610	2380	95.1	1590	6350	177.2	1150	6060
14.8	700	3370	96.8	1620	6470	178.8	1220	5700
16.4	560	2920	98.4	1700	6540	180.5	1230	5330
18.0	470	3660	100.1	1730	6800	182.1	1370	5560
19.7	480	3370	101.7	1670	6600	183.7	1720	6350
21.3	500	3790	103.4	1540	6230	185.4	1600	6350
23.0	580	4900	105.0	1400	6230	187.0	1630	6060
24.6	550	4070	106.6	1250	6410	188.7	1680	5950
26.3	670	2820	108.3	1290	5950	190.3	1590	6290
27.9	960	2600	109.9	1410	5900	191.9	1640	6230
29.5	910	3120	111.6	1310	5850	193.6	1440	5850
31.2	870	4020	113.2	990	5600			
32.8	940	4220	114.8	920	5950			
34.5	1100	4900	116.5	1110	6060			
36.1	1150	5750	118.1	990	5850			
37.7	1000	5750	119.8	900	5900			
39.4	950	5950	121.4	1170	6350			
41.0	960	5850	123.0	1470	6470			
42.7	970	6290	124.7	1670	6800			
44.3	860	5560	126.3	1600	6290			
45.9	620	4830	128.0	1510	6350			
47.6	550	5130	129.6	1780	6600			
49.2	660	5460	131.2	1670	6540			
50.9	690	5600	132.9	1500	6060			
52.5	700	5560	134.5	2040	6670			
54.1	700	5650	136.2	2870	8030			
55.8	730	5900	137.8	2080	7250			
57.4	830	6120	139.4	1640	5750			
59.1	970	6410	141.1	1560	5750			
60.7	1010	5700	142.7	1490	5900			
62.3	810	5510	144.4	1330	5900			
64.0	630	5420	146.0	1140	5950			
65.6	750	5700	147.6	1100	5950			
67.3	740	5700	149.3	1110	5950			
68.9	880	5750	150.9	1110	5950			
70.5	490	5510	152.6	1210	5950			
72.2	520	5420	154.2	1170	5900			
73.8	580	5650	155.8	1060	5750			
75.5	1000	6120	157.5	950	5650			
77.1	1010	6540	159.1	1030	5560			
78.7	920	6350	160.8	960	5560			
80.4	1140	6410	162.4	820	5460			
82.0	1440	6290	164.0	640	5330			
83.7	1290	5800	165.7	490	5290			
85.3	960	5650	167.3	740	5250			
86.9	830	5650	169.0	750	5420			
88.6	940	5750	170.6	1140	5700			

Table 12. Boring B-2262A OFFSET, Suspension R1-R2 depths and P- and S_H-wave velocities

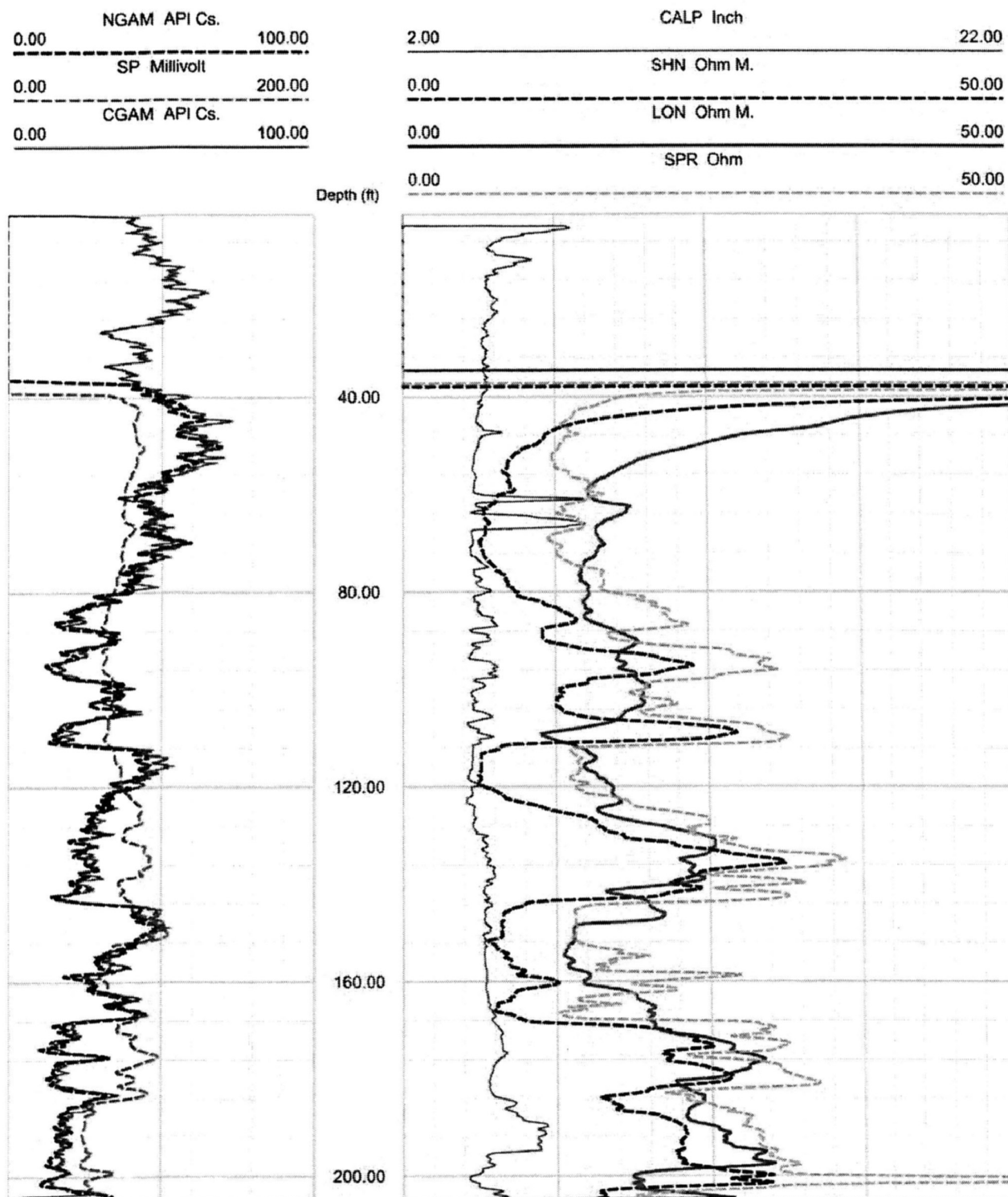


Figure 22. Boring B-2262A OFFSET, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N152

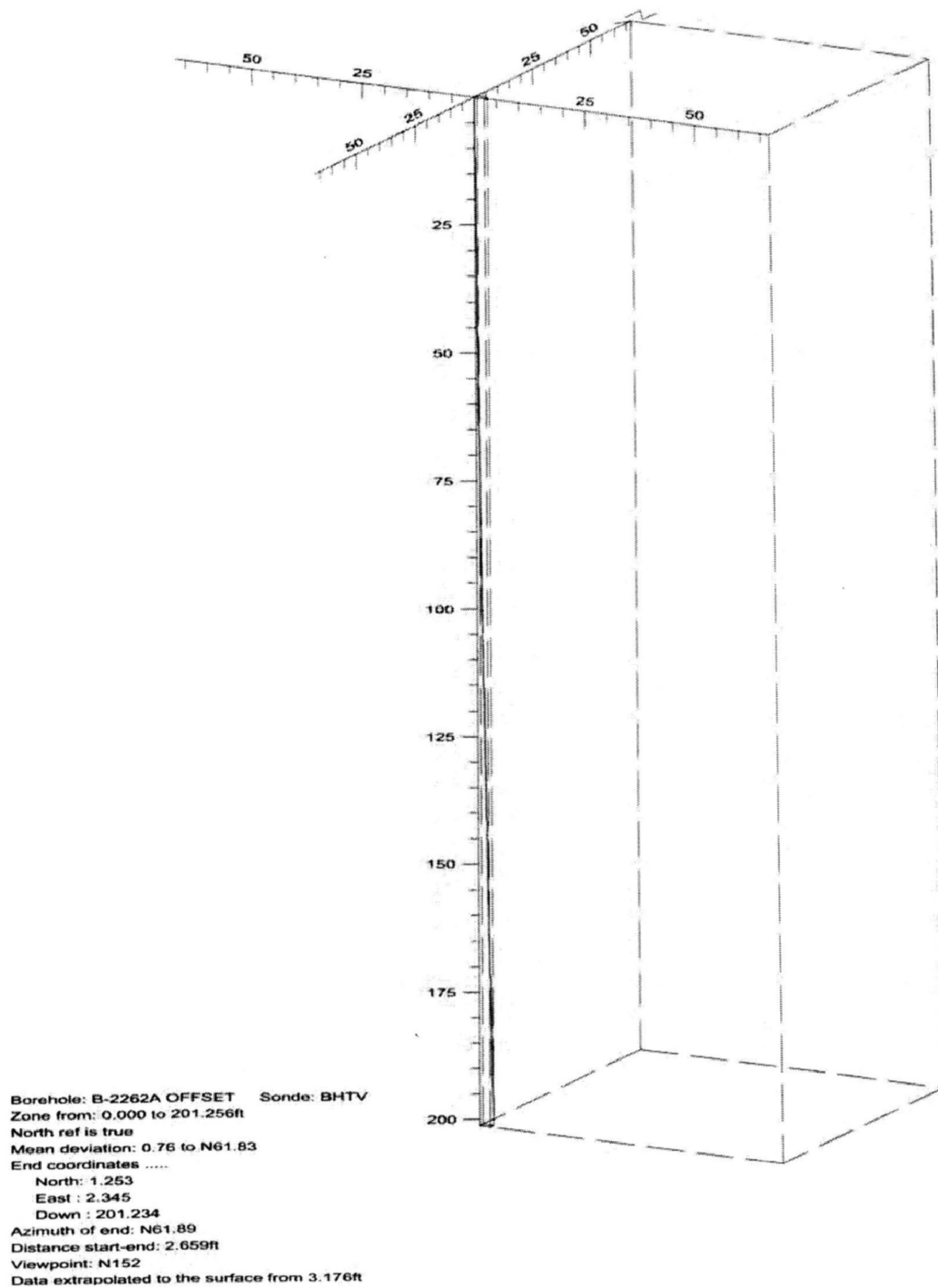


Figure 23. Boring B-2262A OFFSET, Deviation Projection (dimensions in feet)

VICTORIA COUNTY COL BORING B-2274A OFFSET Receiver to Receiver V_s and V_p Analysis

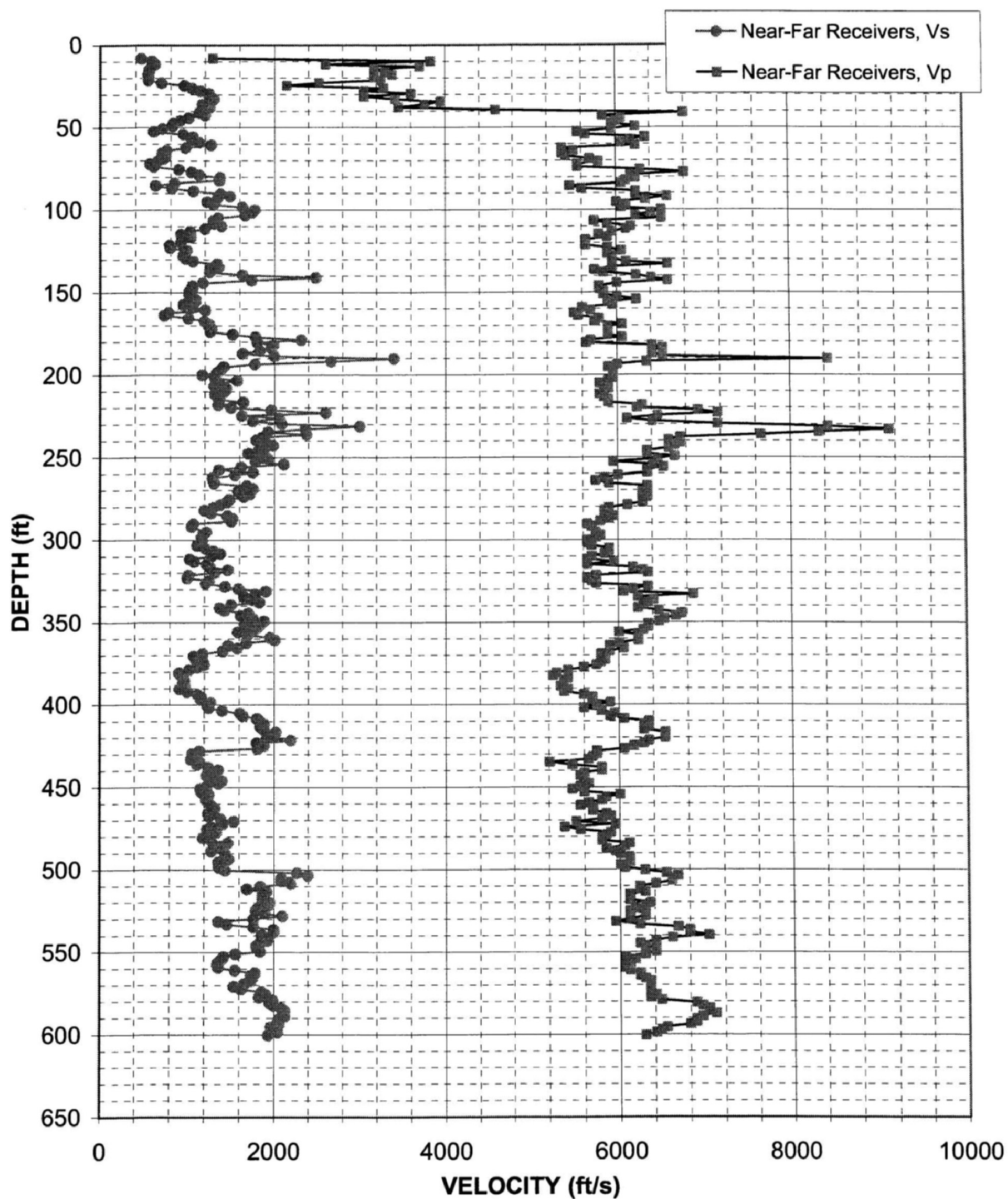


Figure 24: Boring B-2274A OFFSET, Suspension R1-R2 P- and S_H -wave velocities

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	460	1290	90.2	1380	6230	172.2	1280	5900
9.8	580	3830	91.9	1490	6600	173.9	1260	5900
11.8	620	2600	93.5	1340	6350	175.5	1520	5900
13.1	580	3700	95.1	1230	6010	177.2	1780	6060
14.8	550	3170	96.8	1300	6120	178.8	2310	5700
16.4	550	3300	98.4	1630	6060	180.5	1800	5650
18.0	540	3380	100.1	1770	6540	182.1	1980	6410
19.7	540	3170	101.7	1750	6410	183.7	1960	6540
21.3	540	3250	103.4	1670	6230	185.4	1830	6410
23.0	690	2530	105.0	1350	6540	187.0	1630	6410
24.6	960	2140	106.6	1300	5750	188.7	2000	6540
26.3	1050	3280	108.3	1300	5900	190.3	3400	8440
27.9	1150	3060	109.9	1390	6170	191.9	2670	6350
29.5	1240	3600	111.6	1200	6120	193.6	1770	6010
31.2	1250	3060	113.2	1030	5950	195.2	1420	5900
32.8	1300	3420	114.8	920	5800	196.9	1390	5950
34.5	1260	3940	116.5	1040	5900	198.5	1340	5950
36.1	1170	3770	118.1	940	5650	200.1	1170	5950
37.7	1250	3450	119.8	920	5650	201.8	1310	5950
39.4	1210	4600	121.4	790	5650	203.4	1570	5900
41.0	1130	6800	123.0	800	5900	205.1	1370	5800
42.7	1200	5850	124.7	990	6060	206.7	1310	5850
44.3	1010	6060	126.3	960	5900	208.3	1450	5900
45.9	910	6010	128.0	950	5950	210.0	1430	5850
47.6	830	5950	129.6	970	5950	211.6	1320	5800
49.2	820	6230	131.2	1060	6120	213.3	1350	5850
50.9	700	5950	132.9	1340	6600	214.9	1370	5900
52.5	600	5560	134.5	1360	5950	216.5	1640	5900
54.1	950	5650	136.2	1260	5750	218.2	1360	6290
55.8	1060	6350	137.8	1250	5850	219.8	1500	6230
57.4	1040	6170	139.4	1630	6230	221.5	1960	6940
59.1	1130	6060	141.1	2490	6410	223.1	2600	7170
60.7	1270	6230	142.7	1740	6600	224.7	1630	6470
62.3	970	5380	144.4	1180	6010	226.4	2060	6120
64.0	750	5510	146.0	1050	5800	228.0	1750	6410
65.6	700	5380	147.6	1050	5800	229.7	2080	7170
67.3	740	5420	149.3	1020	5850	231.3	3000	8440
68.9	720	5700	150.9	1010	5850	232.9	2360	9130
70.5	650	5800	152.6	1020	6010	234.6	1930	8330
72.2	560	5560	154.2	1090	6230	236.2	2380	7660
73.8	610	5560	155.8	1090	5900	237.9	1860	6730
75.5	890	6290	157.5	950	5950	239.5	1790	6600
77.1	1040	6800	159.1	1060	5600	241.1	1900	6730
78.7	1130	6170	160.8	1200	5700	242.8	1980	6670
80.4	1370	6230	162.4	780	5510	244.4	1880	6600
82.0	1370	6120	164.0	730	5560	246.1	1810	6350
83.7	840	6060	165.7	1010	5800	247.7	1700	6350
85.3	630	5460	167.3	1190	5750	249.3	1890	6670
86.9	810	5600	169.3	1250	6060	251.0	1930	6470
88.6	1060	6230	170.6	1240	5900	252.6	1780	5950

Table 13. Boring B-2274A OFFSET, Suspension R1-R2 depths and 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)
254.3	2110	6410	337.9	1830	6350	420.0	1920	6540
255.9	1620	6540	339.6	1510	6290	421.6	2190	6350
257.6	1370	6350	341.2	1380	6230	423.2	1800	6290
259.2	1750	6350	342.9	1430	6470	424.9	1880	6170
260.8	1550	6010	344.5	1710	6730	426.5	1810	6060
262.5	1290	5850	346.1	1620	6670	428.2	1150	5750
264.1	1300	5750	347.8	1750	6540	429.8	1060	5750
265.8	1310	5900	349.4	1880	6470	431.4	1060	5700
267.4	1680	6350	351.1	1660	6350	433.1	1050	5650
269.0	1750	6350	352.7	1820	6350	434.7	1150	5210
270.7	1590	6290	354.3	1770	6290	436.4	1120	5460
272.3	1720	6290	356.0	1590	6010	438.0	1250	5800
274.0	1650	6350	357.6	1690	6230	439.6	1360	5800
275.6	1490	6290	359.3	1950	6230	441.3	1310	5600
277.2	1460	6290	360.9	2010	6230	442.9	1230	5560
278.9	1380	6120	362.5	1680	6010	444.6	1270	5600
280.5	1300	5900	364.2	1470	5900	446.2	1410	5600
282.2	1200	5850	365.8	1580	6060	447.8	1370	5650
283.8	1270	5850	367.5	1410	5900	449.5	1230	5560
285.4	1460	5950	369.1	1180	5800	451.1	1160	5460
287.1	1520	5900	370.7	1080	5800	452.8	1170	5600
288.7	1510	5800	372.4	1100	5850	454.4	1250	6010
290.4	1070	5650	374.0	1190	5800	456.0	1220	5850
292.0	1050	5700	375.7	1200	5750	457.7	1230	5800
295.3	1220	5750	377.3	1120	5600	459.3	1250	5650
296.9	1180	5800	378.9	1030	5420	461.0	1280	5560
298.6	1170	5750	380.6	910	5290	462.6	1320	5700
300.2	1170	5650	382.2	930	5250	464.2	1310	5700
301.8	1150	5650	383.9	960	5420	465.9	1250	5850
303.5	1110	5700	385.5	970	5380	467.5	1260	5900
305.1	1210	5900	387.1	960	5380	469.2	1390	5800
306.8	1300	5900	388.8	970	5330	470.8	1540	5510
308.4	1380	5850	390.4	910	5420	472.4	1410	5950
310.0	1280	5700	392.1	1000	5380	474.1	1280	5380
311.7	1030	5650	393.7	1120	5600	475.7	1230	5560
313.3	1080	5950	395.3	1170	5700	477.4	1340	5900
315.0	1230	5650	397.0	1160	5700	479.0	1290	5850
316.6	1260	6170	398.6	1270	5900	480.6	1190	5800
318.2	1470	6290	400.3	1230	5750	482.3	1280	5800
319.9	1320	6350	401.9	1250	5600	483.9	1470	6120
321.5	1020	5750	403.5	1410	5800	485.6	1390	6060
323.2	1000	5650	405.2	1610	5950	487.2	1320	5850
324.8	1250	5700	406.8	1640	5900	488.9	1280	5950
326.4	1220	5750	408.5	1800	6060	490.5	1440	6010
328.1	1440	6350	410.1	1840	6350	492.1	1460	6120
329.7	1590	6170	411.8	1880	6290	493.8	1480	6120
331.4	1900	6060	413.4	1840	6350	495.4	1370	6120
333.0	1780	6870	415.0	1880	6290	497.1	1380	6010
334.7	1660	6230	416.7	2020	6540	498.7	1370	6060
336.3	1750	6410	418.3	2010	6540	500.3	1440	6290

Table 13, continued. Boring B-2274A OFFSET, Suspension R1-R2 depths and P- and S_H-wave velocities