Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
8.2	760	1520
9.8	960	2280
11.5	1080	2270
13.1	1100	2040
14.8	1030	1800
16.4	790	1860
18.0	890	1870
19.7	870	1750
21.3	830	2020
23.0	950	2420
24.6	880	2040
26.3	670	1970
27.9	600	2920
29.5	660	2600
31.2	730	2950
32.8	800	3300
34.5	640	3170
36.1	640	5130
37.7	610	5560
39.4	520	5380
41.0	660	5420
42.7	1270	5380
44.3	1510	6350
45.9	1560	6410
47.6	1330	6120
49.2	1190	5750
50.9	960	5650
52.5	840	5600
54.1	900	5700
55.8	910	5510
57.4	850	5650
59.1	850	5170
60.7	930	5460
62.3	950	5750
64.0	940	5700
65.6	940	5700
67.3	1000	5600
68.9	1020	5700
70.5	1090	5850
72.2	1080	5900
73.8	1060	6010
75.5	1170	6470
77.1	1550	6540
78.7	1790	6470
80.4	1980	6290
82.0	1560	6600
83.7	2540	7660
85.3	2100	7250
86.9	2000	7170
88.6	2210	7490

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
90.2	2430	6600
91.9	2580	7330
93.5	3510	8890
95.1	5050	9660
96.8	5130	9660
98.4	5380	9950
100.1	3750	9130
101.7	2490	6870
103.4	1700	6290
105.0	1440	6230
106.6	1100	5700
108.3	850	5460
109.9	790	5560
111.6	790	5850
113.2	900	6170
114.8	1110	6290
116.5	1120	6170
118.1	1060	6120
119.8	1020	6010
121.4	1040	6010
123.0	1160	6170
124.7	1170	6120
126.3	1150	5950
128.0	1120	5850
129.6	1040	5650
131.2	1050	5700
132.9	1060	5900
134.5	1060	5900
136.2	990	5850
137.8	910	5650
139.4	870	5560
141.1	870	5560
142.7	880	5560
144.4	880	5510
146.0	910	5510
147.6	930	5330
149.3	910	5460
150.9	920	5420
152.6	930	5460
154.2	970	5650
155.8	1110	5950
157.5	1210	6010
159.1	1280	6120
160.8	1230	6010
162.7	1530	6350
164.0	2030	6940
165.7	2180	6470
167.3	1630	6120
169.0	1410	5900
170.6	1400	5650

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
172.2	1260	5800
173.9	1250	6010
175.5	1570	6600
177.2	1660	6410
178.8	1230	6060
180.5	1390	6060
182.4	1490	6170
183.7	1490	6170
185.7	1980	6470
187.0	2430	6730
188.7	2280	6470
190.3	1710	6230
191.9	1740	6170
193.6	1680	6060
195.2	1690	6120

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

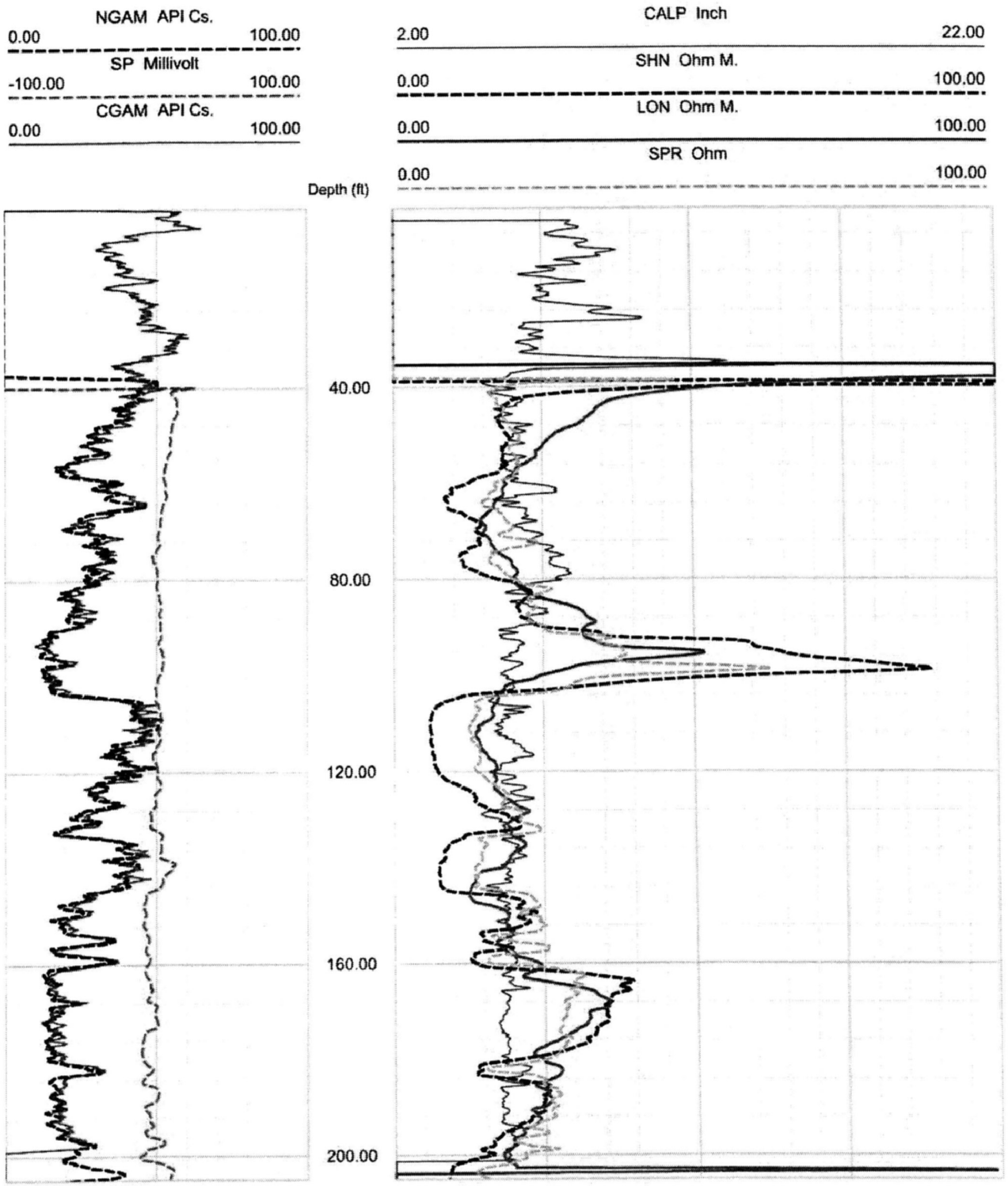
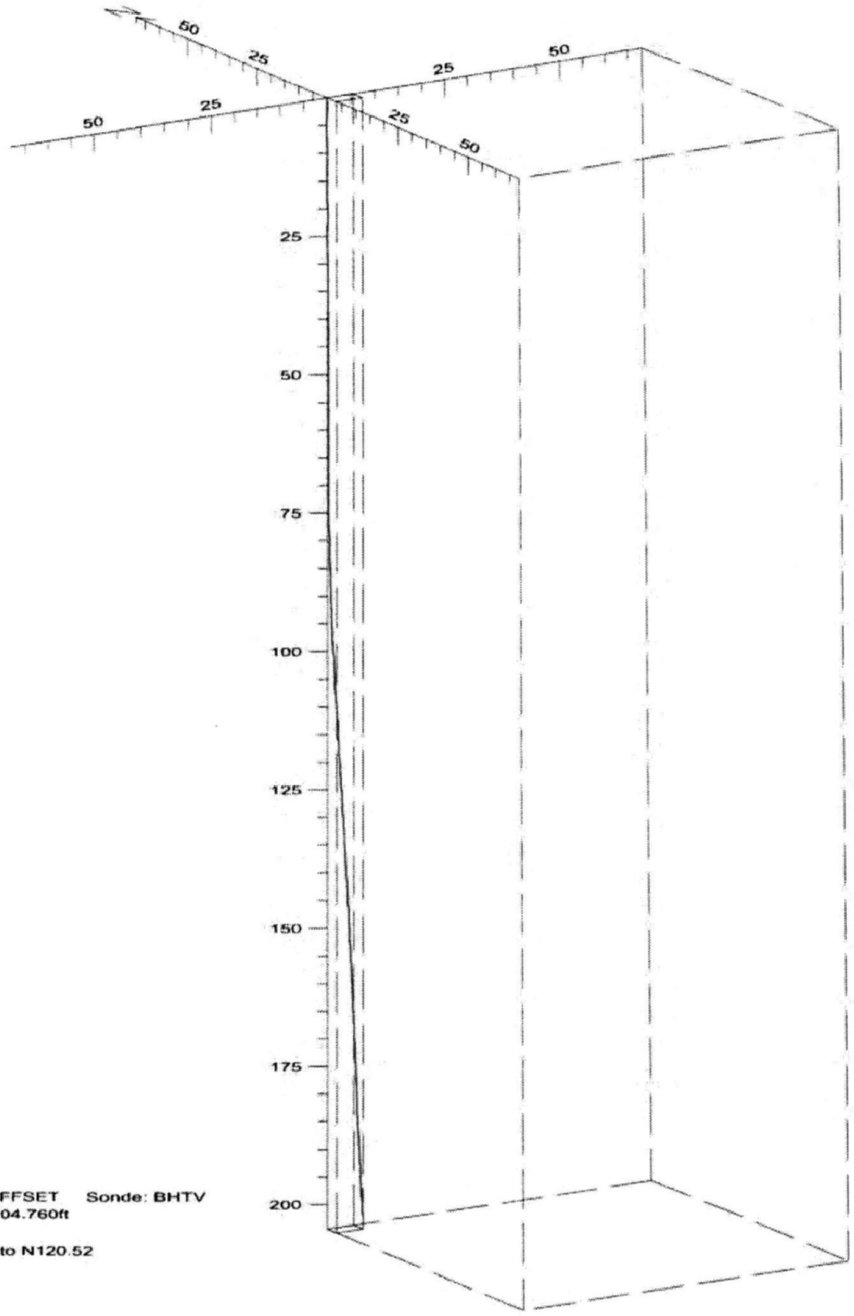


Figure 10. Boring B-2162A OFFSET, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N211



Borehole: B-2162A OFFSET Sonde: BHTV
Zone from: 0.000 to 204.760ft
North ref is true
Mean deviation: 1.77 to N120.52
End coordinates .....
North: -3.221
East : 5.456
Down : 204.591
Azimuth of end: N120.56
Distance start-end: 6.336ft
Viewpoint: N211
Data extrapolated to the surface from 3.080ft

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

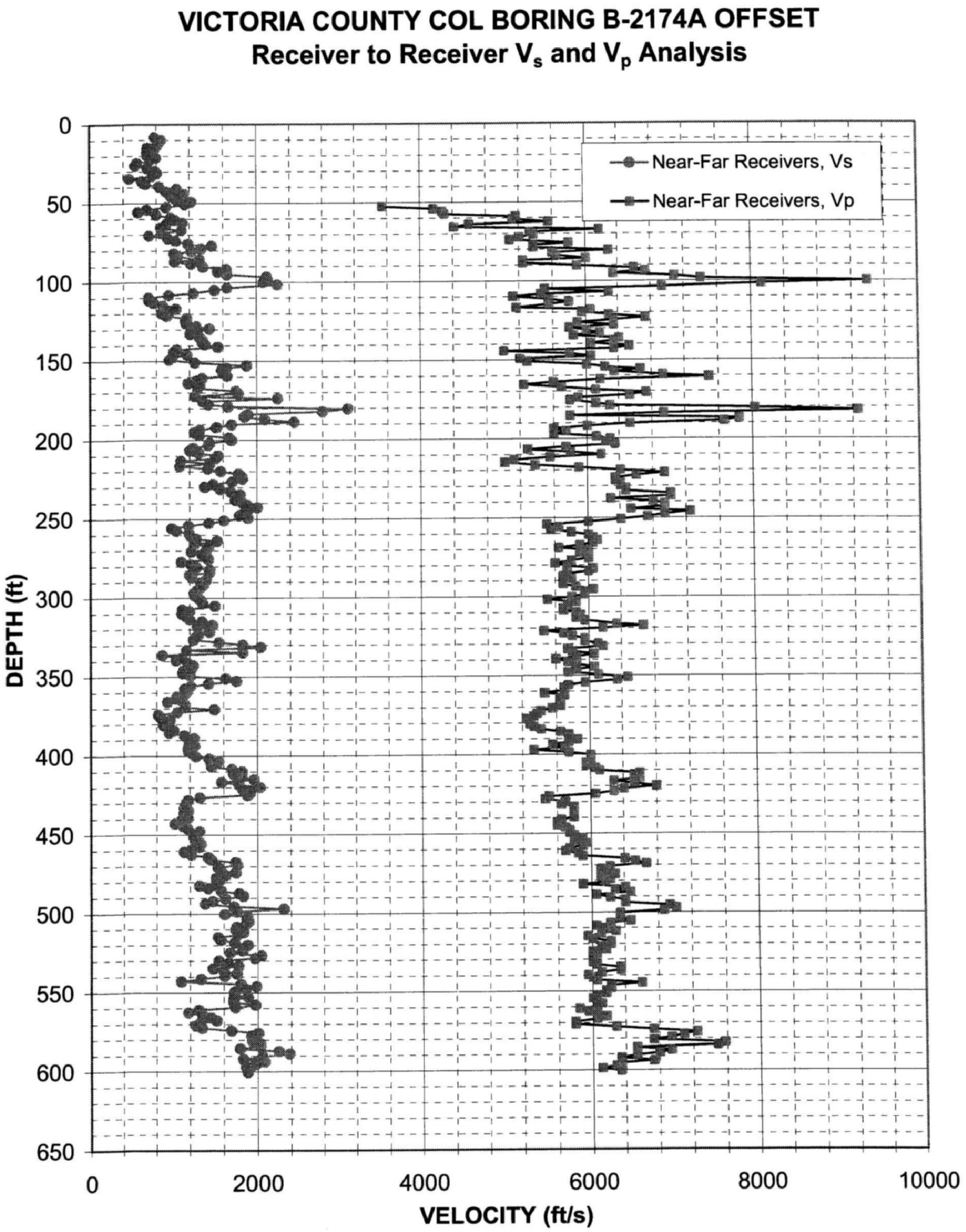


Figure 12: Boring B-2174A OFFSET, Suspension R1-R2 P- and S_H-wave velocities

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
8.2	780	-
9.8	860	-
11.5	840	-
13.1	810	-
14.8	690	-
16.4	770	-
18.0	680	-
19.7	690	-
21.3	800	-
23.0	720	-
24.6	560	-
26.3	540	-
27.9	690	-
29.5	790	-
31.2	810	-
32.8	750	-
34.5	470	-
36.1	620	-
37.7	670	-
39.4	830	-
41.0	1050	-
42.7	920	-
44.3	1140	-
45.9	980	-
47.6	1040	-
49.2	1220	-
50.9	1150	-
52.5	920	3550
54.1	680	4170
55.8	570	4270
57.4	800	4300
59.1	980	5170
60.7	1030	5130
62.3	1120	5560
64.0	920	4600
65.6	850	4420
67.3	1100	6170
68.9	860	5330
70.5	710	5380
72.2	940	5210
73.8	1040	5090
75.8	1190	5800
77.1	1470	5380
78.7	1340	5380
80.4	1230	6290
82.0	1020	5600
83.7	1060	5650
85.6	1320	6010
86.9	1020	5250
88.6	1220	5250

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
90.2	1370	5900
91.9	1640	6600
93.5	1540	6730
95.1	1650	6350
96.8	2120	7090
98.4	2140	7410
100.1	2080	9390
101.7	2250	8130
103.7	1650	6940
105.0	1500	5510
107.0	1250	6290
108.3	950	5460
109.9	700	5130
111.6	700	5560
113.2	770	5800
114.8	880	5560
116.8	1040	5170
118.1	970	6060
119.8	870	5950
121.4	930	6290
123.0	1170	6730
124.7	1150	6350
126.3	1170	5900
128.0	1280	6350
129.6	1440	5800
131.2	1300	6010
132.9	1210	6170
134.5	1320	5850
136.2	1360	6410
137.8	1360	6350
139.4	1390	6060
141.1	1540	6540
142.7	1050	6350
144.4	1010	5010
146.0	1170	5800
147.6	1000	6060
149.3	960	5210
150.9	1270	5290
152.9	1880	6010
154.5	1640	6230
155.8	1590	6670
157.5	1600	6350
159.5	1650	6940
160.8	1360	7490
162.4	1290	6170
164.0	1180	5600
165.7	1330	5250
167.3	1300	5700
169.0	1750	6120
170.6	1780	6730

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
172.2	1270	6540
173.9	2250	5900
175.5	1360	5800
177.5	1420	6120
178.8	1660	6290
180.5	3120	8030
182.1	2800	9260
183.7	1890	6940
185.4	1850	5800
187.0	2100	7840
188.7	2450	7660
190.3	1700	6540
191.9	1520	6010
193.6	1320	5600
195.2	1260	5750
196.9	1320	5600
198.5	1670	6120
200.1	1700	6290
201.8	1440	6230
203.4	1420	6350
205.1	1240	5750
206.7	1200	5290
208.3	1310	5800
210.0	1540	6170
211.6	1510	5560
213.3	1100	5130
214.9	1440	5010
216.5	1080	5380
218.2	1420	5900
219.8	1570	6410
221.5	1780	6940
223.1	1820	6600
224.7	1830	6350
226.4	1710	6350
228.0	1480	6410
229.7	1380	6410
231.3	1560	6470
232.9	1690	6470
234.6	1800	7020
236.2	1790	7020
237.9	1750	6290
239.5	1820	6800
241.1	1880	6940
242.8	2010	6940
244.4	1890	6540
246.1	1850	7250
247.7	1790	6940
249.3	1890	6730
251.0	1610	6410
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)
254.3	1190	5510
255.9	980	5650
257.6	1040	5560
259.2	1190	5800
260.8	1210	6010
262.5	1280	6060
264.1	1530	6120
265.8	1260	6060
267.4	1430	5900
269.0	1410	5650
270.7	1220	6010
272.3	1350	5900
274.0	1410	6010
275.6	1420	6010
277.2	1100	5800
278.9	1220	5600
280.5	1290	5750
282.2	1440	6060
283.8	1440	6010
285.4	1200	5750
287.1	1230	5700
288.7	1400	5800
290.4	1330	5700
292.0	1370	5700
293.6	1320	5850
295.3	1290	6060
296.9	1250	5950
298.6	1260	5950
300.2	1310	5800
301.8	1340	5510
303.5	1360	5850
305.1	1500	5750
307.4	1110	5700
308.4	1200	5700
310.0	1110	5850
311.7	1160	5900
313.3	1200	5850
315.0	1350	5950
317.3	1470	6350
318.2	1290	6670
319.9	1430	6170
321.5	1440	5460
323.2	1310	5700
324.8	1270	5800
326.4	1240	5950
328.1	1550	5950
329.7	1830	6120
331.4	2040	6170
333.0	1160	5750
334.7	1830	5800

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
336.3	870	6060
337.9	1110	5850
339.6	1040	5600
341.2	1170	5750
342.9	1240	5850
344.5	1220	6060
346.1	1130	5850
347.8	1110	5750
349.4	1210	6120
351.1	1630	6470
352.7	1750	6350
354.3	1420	5950
356.0	1210	5750
357.6	1140	5700
359.3	1170	5700
360.9	1150	5460
362.5	1040	5700
364.8	1100	5650
365.8	930	5650
367.5	1150	5650
369.1	1150	5650
370.7	1490	5560
372.4	1050	5420
374.0	820	5380
375.7	850	5330
377.3	960	5250
378.9	920	5290
380.6	880	5290
382.2	940	5330
383.9	1010	5420
385.5	950	5650
387.1	1130	5750
388.8	1250	5750
390.4	1190	5850
392.1	1190	5750
393.7	1260	5560
395.3	1180	5700
397.0	1180	5330
398.6	1240	5750
400.3	1270	6010
401.9	1430	6010
403.5	1540	6010
405.2	1460	5950
406.8	1460	5950
408.5	1700	6060
410.1	1820	6120
411.8	1720	6600
413.4	1810	6540
415.0	1960	6600
416.7	1580	6290

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
418.3	1780	6540
420.0	2030	6800
421.6	1830	6410
423.2	1920	6290
424.9	1880	6060
426.5	1320	5510
428.2	1180	5460
429.8	1160	5700
431.4	1140	5650
433.1	1130	5800
434.7	1180	5800
436.4	1130	5800
438.0	1170	5800
439.6	1180	5800
441.3	1100	5650
442.9	1020	5600
444.6	1120	5600
446.2	1170	5700
447.8	1320	5750
449.5	1270	5750
451.1	1240	5800
452.8	1260	5900
454.4	1320	5800
456.0	1330	5950
457.7	1310	5900
459.3	1220	5750
461.0	1130	5700
462.6	1220	5850
464.2	1420	5900
465.9	1460	6410
467.5	1750	6540
469.2	1760	6670
470.8	1540	6230
472.4	1560	6120
474.1	1750	6230
475.7	1630	6290
477.4	1520	6120
479.0	1550	6230
480.6	1520	6170
482.3	1310	5900
483.9	1420	6410
485.6	1570	6290
487.2	1780	6470
488.9	1830	6060
490.5	1620	6230
492.1	1470	6410
493.8	1380	6410
495.4	1720	6940
497.1	2310	7020
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)
500.3	1610	6350
502.0	1880	6350
503.6	1870	6350
505.3	1890	6470
506.9	1860	6230
508.5	1750	6060
510.2	1750	6170
511.8	1830	6290
513.5	1760	6120
515.1	1540	5950
516.7	1560	6010
518.4	1730	6230
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

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
582.4	2030	7580
584.0	2030	7490
585.6	1790	6540
587.3	2250	6940
588.9	2380	6800
590.6	2060	6540
592.2	1830	6350
593.8	2080	6730
595.5	1970	6350
597.1	1860	6290
598.8	1890	6120
600.4	1880	6350

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

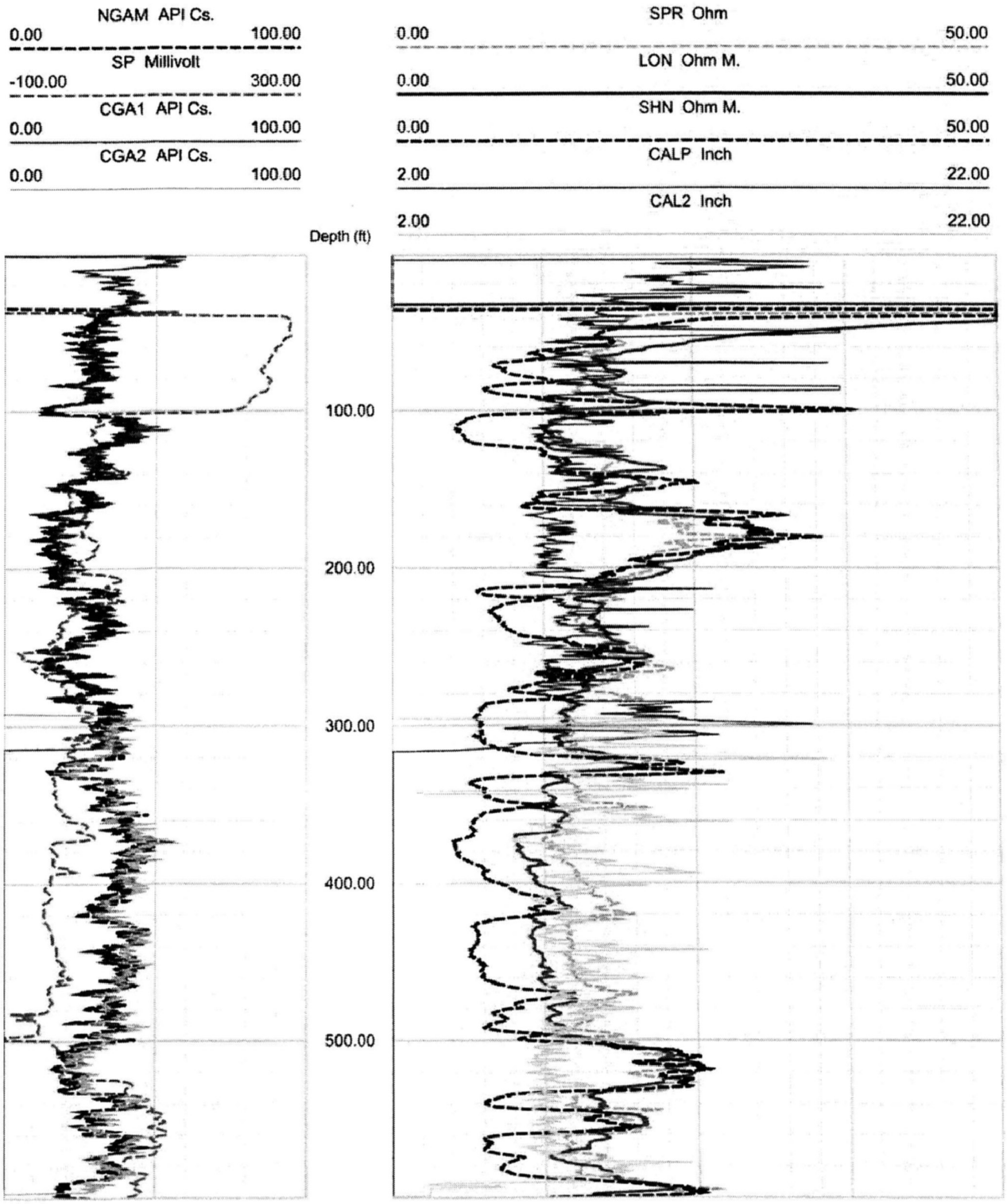
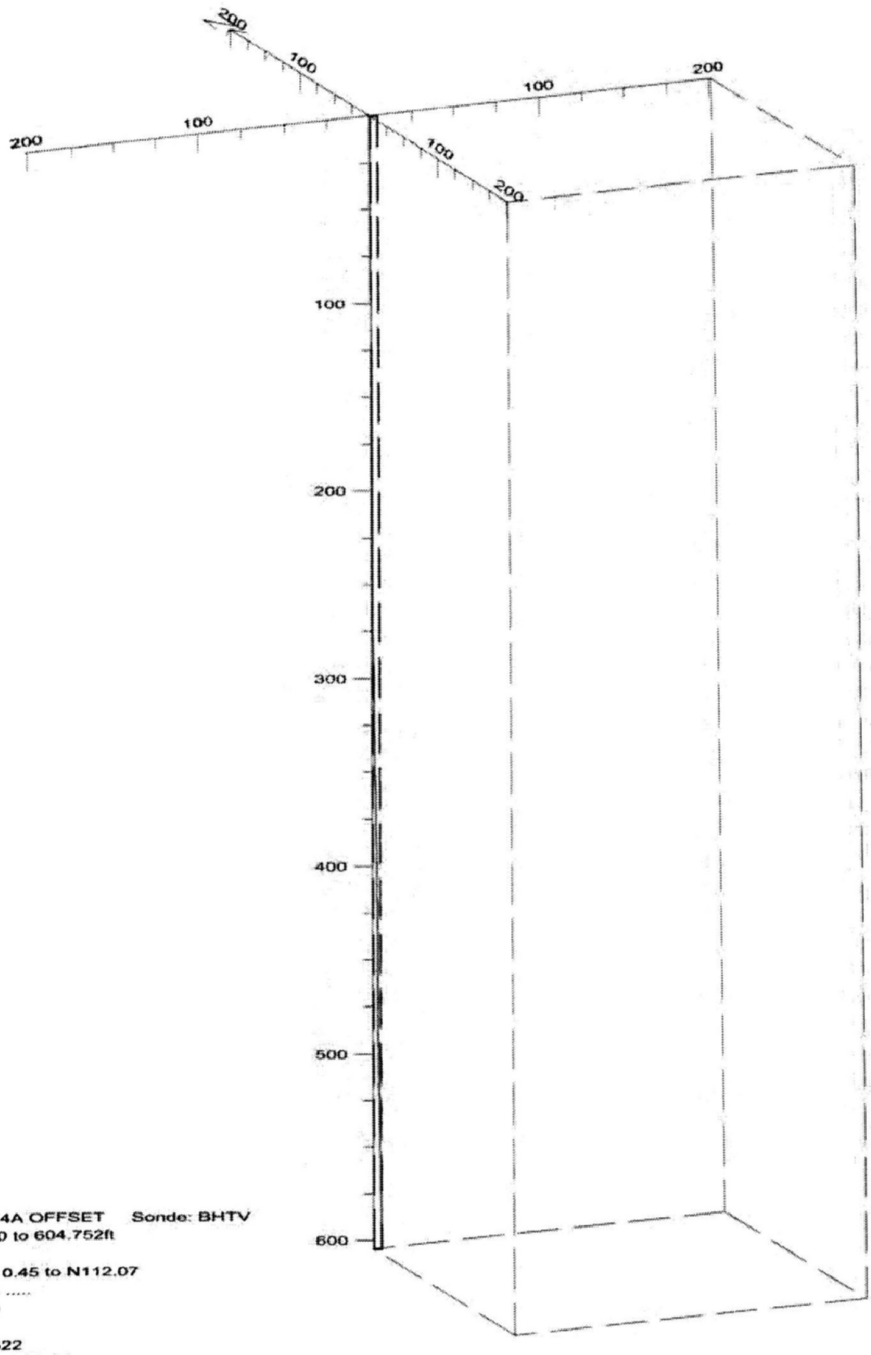


Figure 13. Boring B-2174A OFFSET, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N202



Borehole: B-2174A OFFSET Sonde: BHTV
Zone from: 0.000 to 604.752ft
North ref is true
Mean deviation: 0.45 to N112.07
End coordinates .....
North: -1.770
East : 4.378
Down : 604.622
Azimuth of end: N112.01
Distance start-end: 4.723ft
Viewpoint: N202
Data extrapolated to the surface from 3.792ft

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

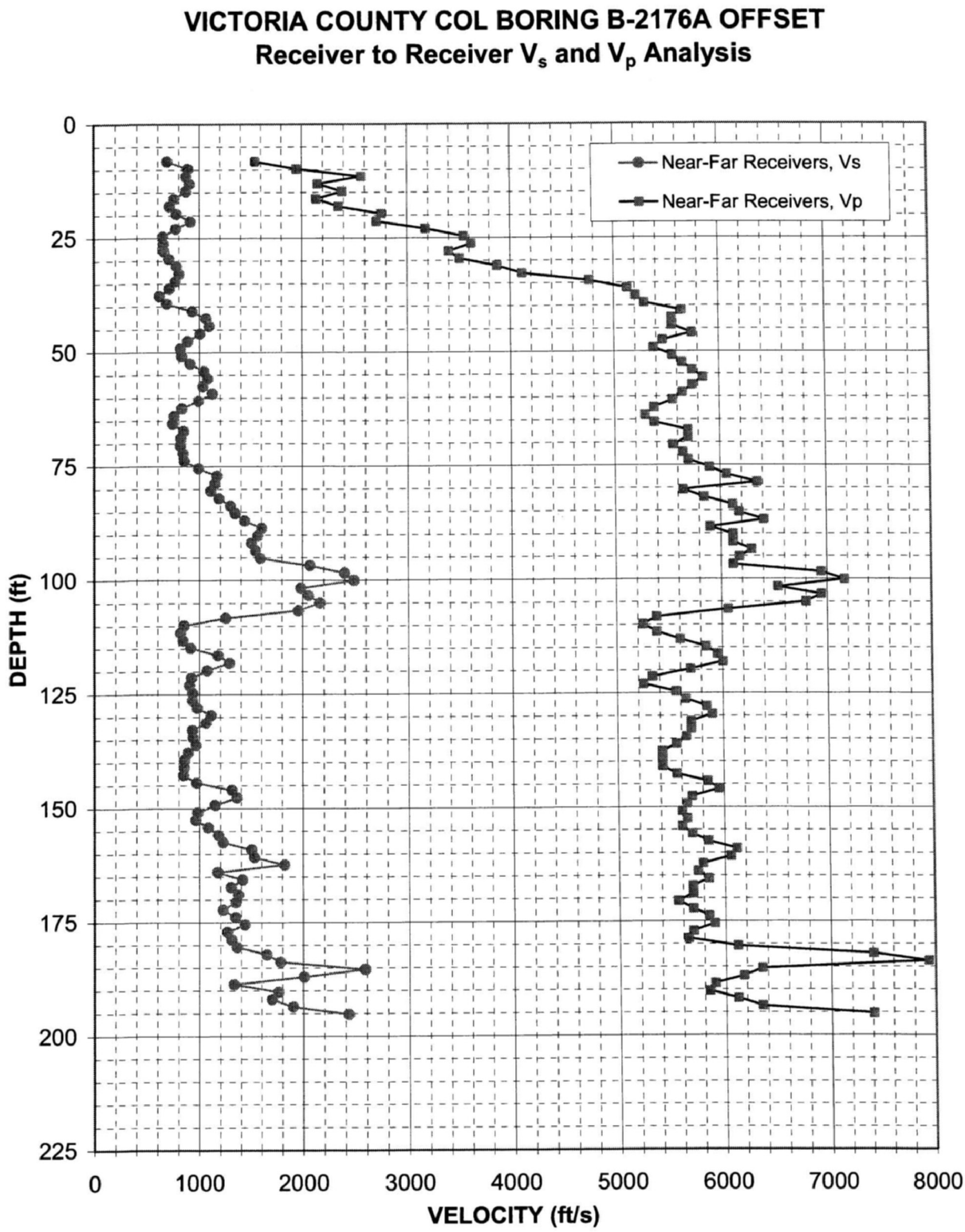


Figure 15: Boring B-2176A OFFSET, Suspension R1-R2 P- and S_H-wave velocities

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
8.2	690	1540
9.8	890	1950
11.5	870	2560
13.1	900	2150
14.8	870	2380
16.4	760	2140
18.0	710	2350
19.7	780	2750
21.3	910	2710
23.0	770	3170
24.6	650	3550
26.3	650	3620
27.9	660	3400
29.5	710	3510
31.2	780	3880
32.8	800	4120
34.5	770	4760
36.1	710	5130
37.7	610	5210
39.4	680	5290
41.0	930	5650
42.7	1060	5560
44.3	1090	5560
45.9	1000	5750
47.6	880	5460
49.2	810	5380
50.9	830	5560
52.5	910	5650
54.1	1040	5750
55.8	1080	5850
57.4	1030	5750
59.1	1120	5650
60.7	990	5560
62.3	830	5380
64.0	750	5290
65.6	740	5380
67.3	850	5700
68.9	820	5700
70.5	810	5560
72.2	840	5650
73.8	850	5700
75.5	990	5900
77.1	1170	6060
78.7	1150	6350
80.4	1110	5650
82.0	1190	5850
83.7	1300	6120
85.3	1340	6170
86.9	1440	6410
88.6	1600	5900

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
90.2	1560	6120
91.9	1500	6120
93.5	1540	6290
95.1	1590	6170
96.8	2070	6120
98.4	2400	6940
100.1	2490	7170
101.7	1980	6540
103.4	2060	6940
105.0	2160	6800
106.6	1960	6060
108.3	1250	5380
109.9	850	5250
111.6	820	5380
113.2	840	5600
114.8	910	5850
116.5	1180	5950
118.1	1290	6010
119.8	1080	5700
121.4	920	5330
123.0	900	5250
124.7	930	5560
126.3	930	5650
128.0	980	5850
129.6	1110	5900
131.2	1060	5700
132.9	930	5700
134.5	940	5650
136.2	970	5560
137.8	890	5420
139.4	850	5420
141.1	850	5420
142.7	850	5560
144.4	970	5850
146.0	1310	5950
147.6	1360	5700
149.3	1150	5650
150.9	980	5600
152.6	960	5650
154.2	1080	5600
155.8	1180	5700
157.5	1230	5850
159.1	1500	6120
160.8	1530	6060
162.4	1820	5800
164.0	1170	5750
165.7	1410	5850
167.3	1300	5700
169.0	1370	5700
170.6	1350	5560

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
172.2	1230	5700
173.9	1340	5850
175.5	1440	5900
177.2	1270	5700
178.8	1310	5650
180.5	1360	6120
182.1	1650	7410
183.7	1780	7940
185.4	2580	6350
187.0	2010	6170
188.7	1330	5900
190.3	1760	5850
191.9	1700	6120
193.6	1900	6350
195.2	2430	7410

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

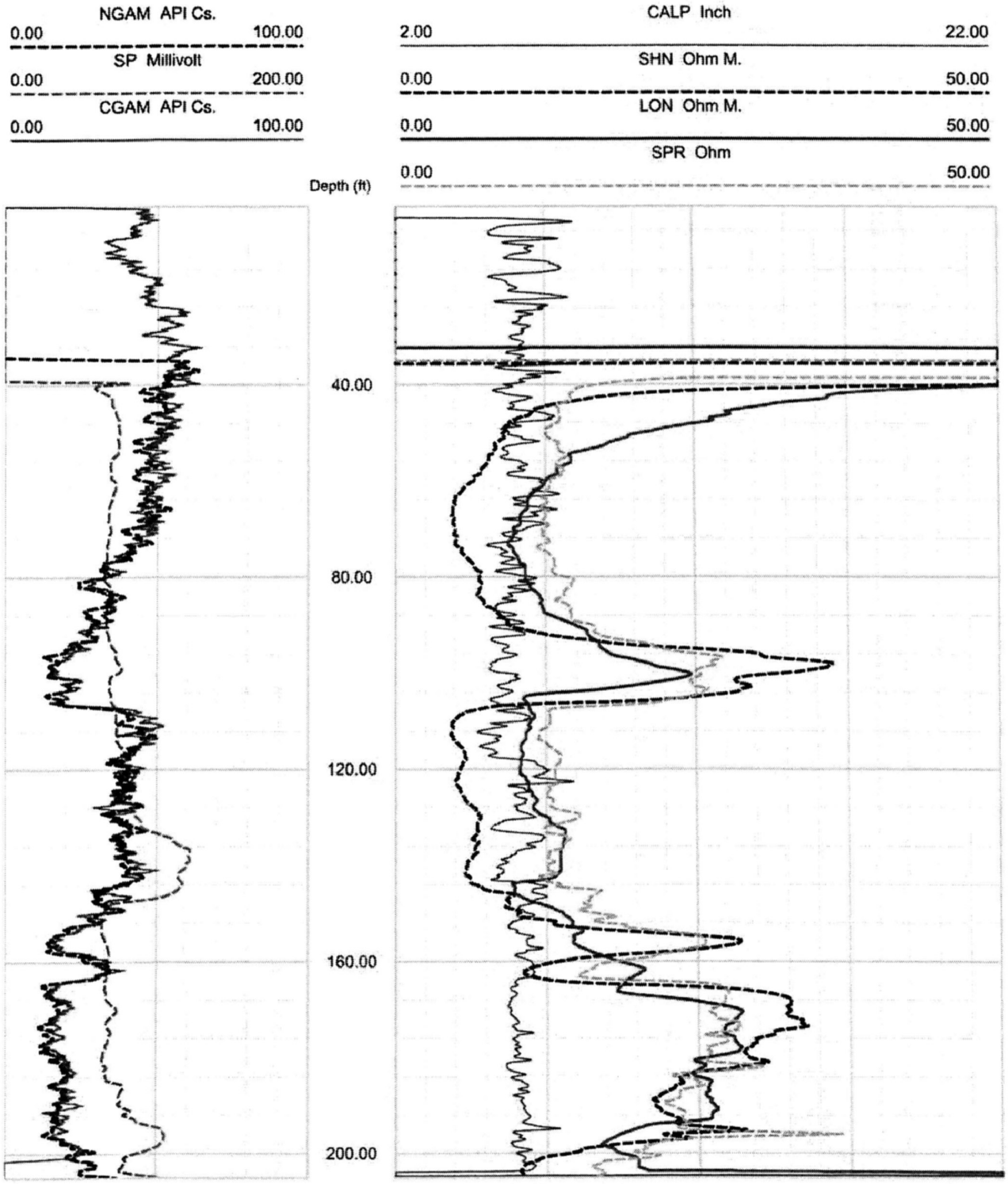
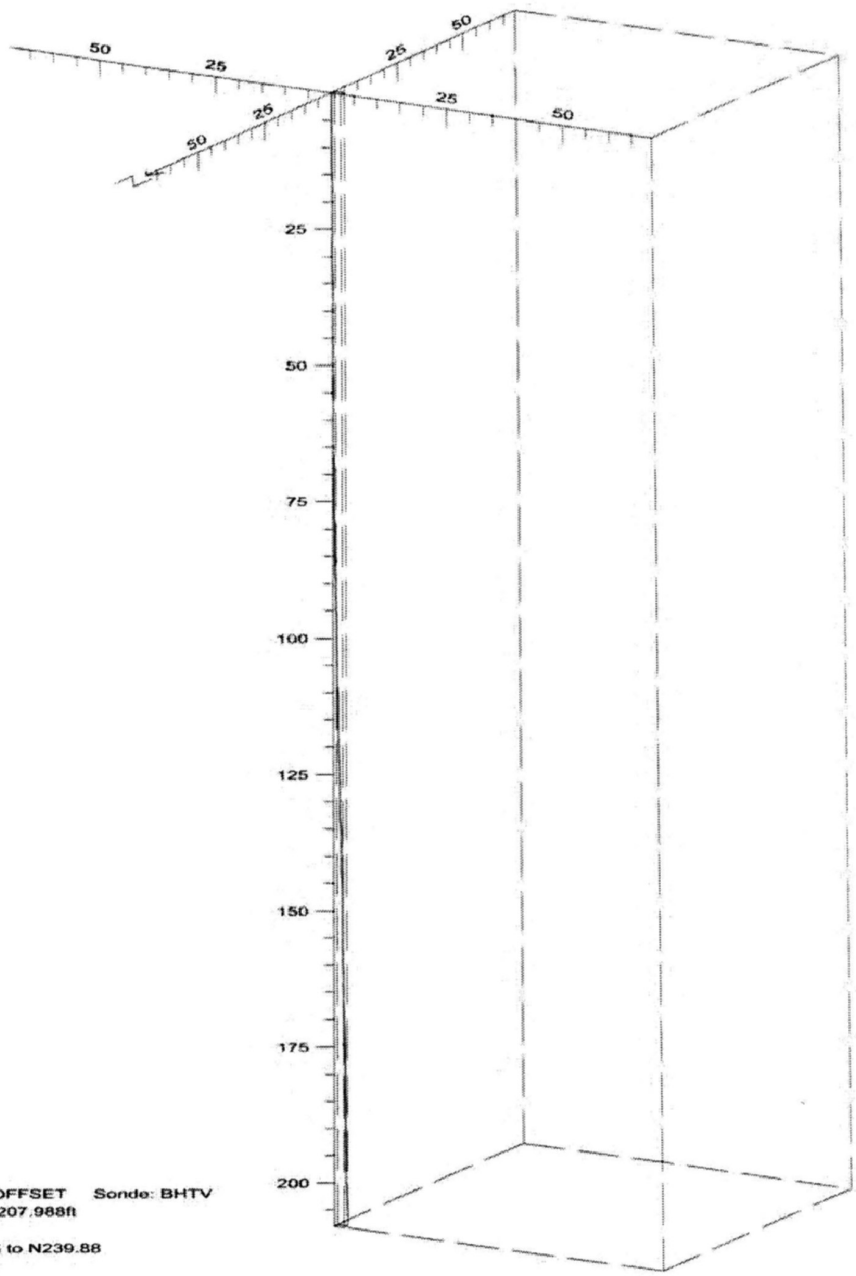


Figure 16. Boring B-2176A OFFSET, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N330



Borehole: B-2176A OFFSET Sonde: BHTV
Zone from: 0.000 to 207.988ft
North ref is true
Mean deviation: 0.65 to N239.88
End coordinates .....
North: -1.190
East : -2.051
Down : 207.961
Azimuth of end: N239.89
Distance start-end: 2.371ft
Viewpoint: N330
Data extrapolated to the surface from 4.708ft

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

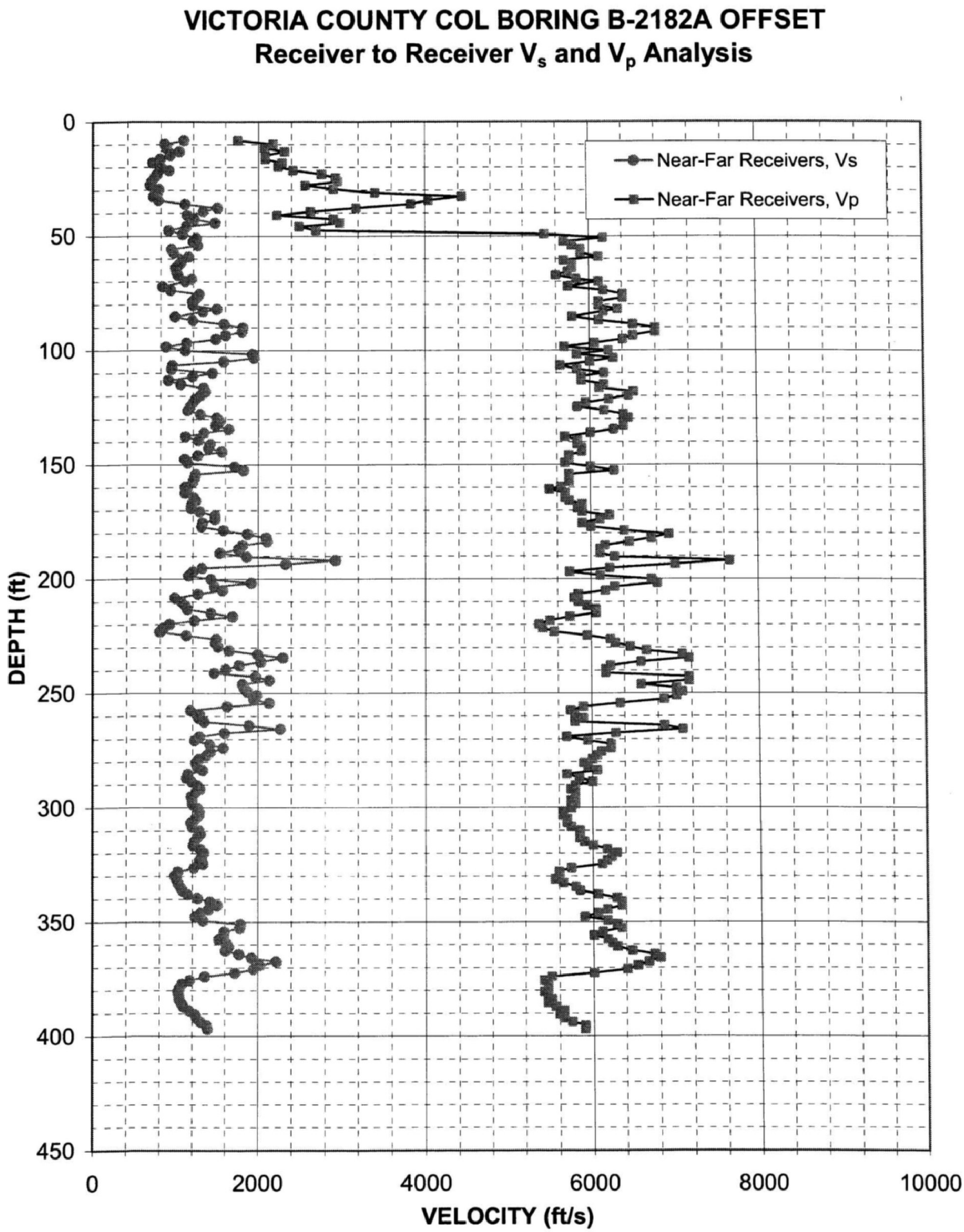


Figure 18: Boring B-2182A OFFSET, Suspension R1-R2 P- and S_H-wave velocities

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
8.2	1080	1750
9.8	850	2180
11.5	870	2070
13.1	1030	2310
14.8	910	2080
16.4	790	2080
18.0	700	2280
19.7	790	2240
21.3	900	2420
23.0	750	2750
24.6	720	2920
26.3	680	2950
27.9	670	2560
29.5	770	2900
31.2	760	3400
32.8	710	4440
34.5	770	4040
36.1	1100	3830
37.7	1500	3170
39.4	1320	2620
41.0	1120	2220
42.7	1210	2900
44.3	1470	2980
45.9	1110	2490
47.6	890	2690
49.2	1060	5460
50.9	1240	6170
52.5	1190	5700
54.1	1250	5800
55.8	930	5900
57.4	960	5900
59.1	1140	6120
60.7	1060	5700
62.3	1030	5800
64.0	980	5800
65.6	990	5750
67.3	1010	5600
68.9	1180	5850
69.9	1100	6120
72.2	820	5750
73.8	920	6170
75.5	1270	6410
77.1	1240	6410
78.7	1190	6120
80.4	1190	6120
82.0	1490	6350
83.0	1320	6170
85.3	970	5800
86.9	1190	6120
88.6	1590	6540

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
90.2	1810	6800
91.9	1800	6800
93.5	1600	6540
95.1	1480	6410
96.8	1110	6060
98.4	860	5700
100.1	1100	6230
101.7	1930	5850
103.4	1950	6290
105.0	1580	6010
106.6	940	5650
108.3	930	5850
109.9	1440	6170
111.6	1190	5900
113.2	890	5900
114.8	1040	6170
116.5	1330	6120
118.1	1360	6540
119.8	1290	6470
121.4	1230	6230
123.0	1190	5950
124.7	1160	5850
126.3	1130	6170
128.0	1290	6410
129.6	1490	6470
131.2	1530	6410
132.9	1480	6410
134.5	1640	6290
136.2	1330	6010
137.8	1100	5700
139.4	1260	5850
141.1	1410	5850
142.7	1390	5900
144.4	1560	5900
146.0	1260	5750
147.6	1090	5750
149.3	1130	5700
150.9	1720	6010
152.6	1820	6290
154.2	1230	5750
155.8	1220	5750
157.5	1200	5750
159.8	1100	5650
160.8	1130	5510
162.4	1100	5700
164.4	1210	5700
165.7	1230	5750
167.3	1180	5900
169.0	1170	5850
170.6	1280	5900

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
172.2	1470	6230
173.9	1470	6120
175.5	1320	5900
177.2	1310	6010
178.8	1580	6410
180.5	1870	6940
182.1	2100	6730
183.7	2110	6470
185.4	1810	6170
187.0	1760	6120
188.7	1540	6120
190.3	1860	6290
191.9	2920	7660
193.6	2330	7020
195.2	1310	6230
196.9	1200	5750
198.5	1150	6120
200.1	1420	6730
201.8	1920	6800
203.4	1470	6290
205.1	1570	6170
206.7	1260	5850
208.3	980	5800
210.0	1060	5850
211.6	1100	5950
213.3	1130	6060
214.9	1420	6060
216.5	1690	5750
218.2	1220	5510
219.8	920	5380
221.5	840	5420
223.1	800	5560
224.7	1120	5950
226.4	1490	6230
228.0	1480	6290
229.7	1520	6470
231.3	1650	6670
232.9	2000	7090
234.6	2300	7170
236.2	2030	6600
237.9	1770	6230
239.5	1610	6170
241.1	1470	6170
242.8	1970	7170
244.4	2140	7170
246.1	1810	6600
247.7	1830	7020
249.3	1870	7090
251.0	1980	7020
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)
254.3	2140	6350
255.9	1630	5900
257.6	1170	5750
259.2	1290	5800
260.8	1270	5900
262.5	1340	5800
264.1	1890	6870
265.8	2270	7090
267.4	1590	6290
269.0	1290	5700
270.7	1230	5950
272.3	1410	6230
274.0	1580	6230
275.6	1420	6120
277.2	1370	6060
278.9	1280	6010
280.5	1240	5900
282.2	1260	5950
283.8	1330	6060
285.4	1140	5700
287.1	1130	5850
288.7	1190	6010
290.4	1260	5800
292.0	1290	5750
293.6	1230	5800
295.3	1180	5800
296.9	1190	5750
298.6	1200	5800
300.2	1260	5750
301.8	1290	5650
303.5	1280	5650
305.1	1230	5700
306.8	1180	5700
308.4	1190	5750
310.0	1280	5850
311.7	1300	5850
313.3	1260	5850
315.0	1230	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

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
336.3	1080	5850
337.9	1140	6060
339.6	1260	6290
341.2	1420	6350
342.9	1510	6350
344.5	1400	6170
346.1	1300	6060
347.8	1230	5900
349.4	1330	6170
351.1	1790	6290
352.7	1780	6350
354.3	1590	6120
356.0	1590	6010
357.6	1530	6170
359.3	1620	6230
360.9	1650	6290
362.5	1610	6470
364.2	1770	6730
365.8	1930	6800
367.5	2220	6670
369.1	2020	6540
370.7	1950	6410
372.4	1730	6010
374.0	1360	5510
375.7	1170	5420
377.3	1080	5460
378.9	1040	5460
380.6	1030	5420
382.2	1040	5460
383.9	1040	5510
385.5	1070	5460
387.1	1090	5560
388.8	1160	5650
390.4	1230	5600
392.1	1250	5650
393.7	1300	5750
395.3	1380	5900
397.0	1390	5900

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

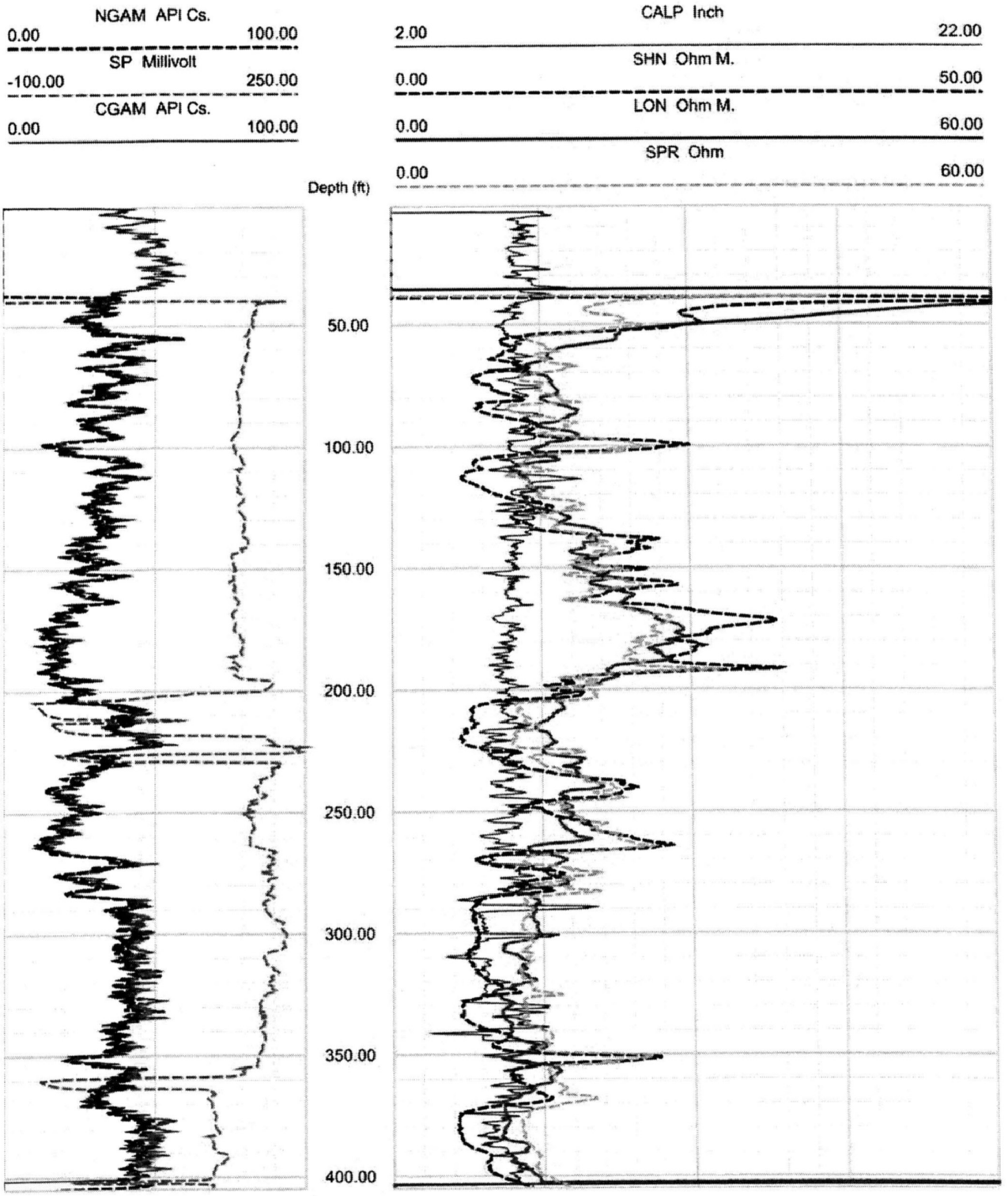
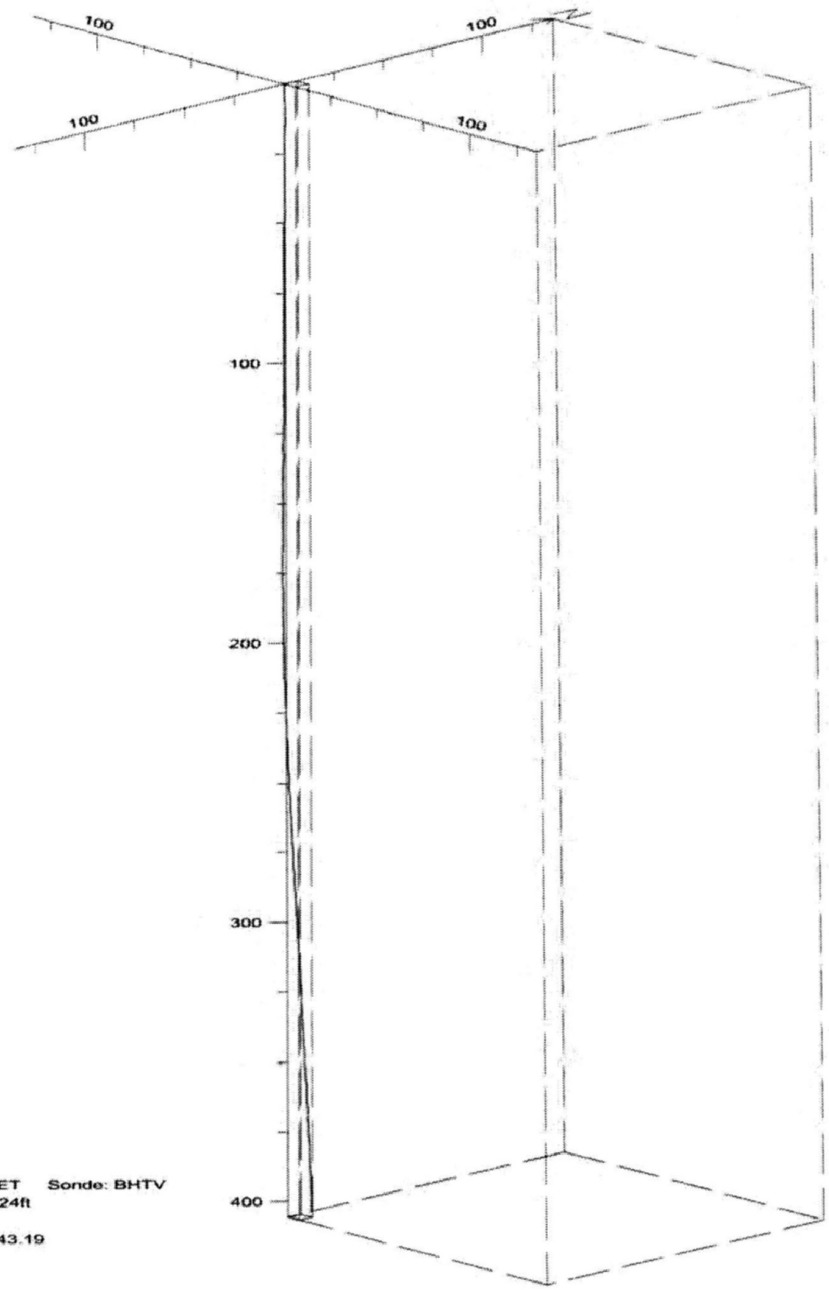


Figure 19. Boring B-2182A OFFSET, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N133



Borehole: B-2182A OFFSET Sonde: BHTV
Zone from: 0.000 to 405.824ft
North ref is true
Mean deviation: 1.23 to N43.19
End coordinates .....
North: 6.326
East : 5.942
Down : 405.564
Azimuth of end: N43.21
Distance start-end: 8.679ft
Viewpoint: N133
Data extrapolated to the surface from 3.824ft

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

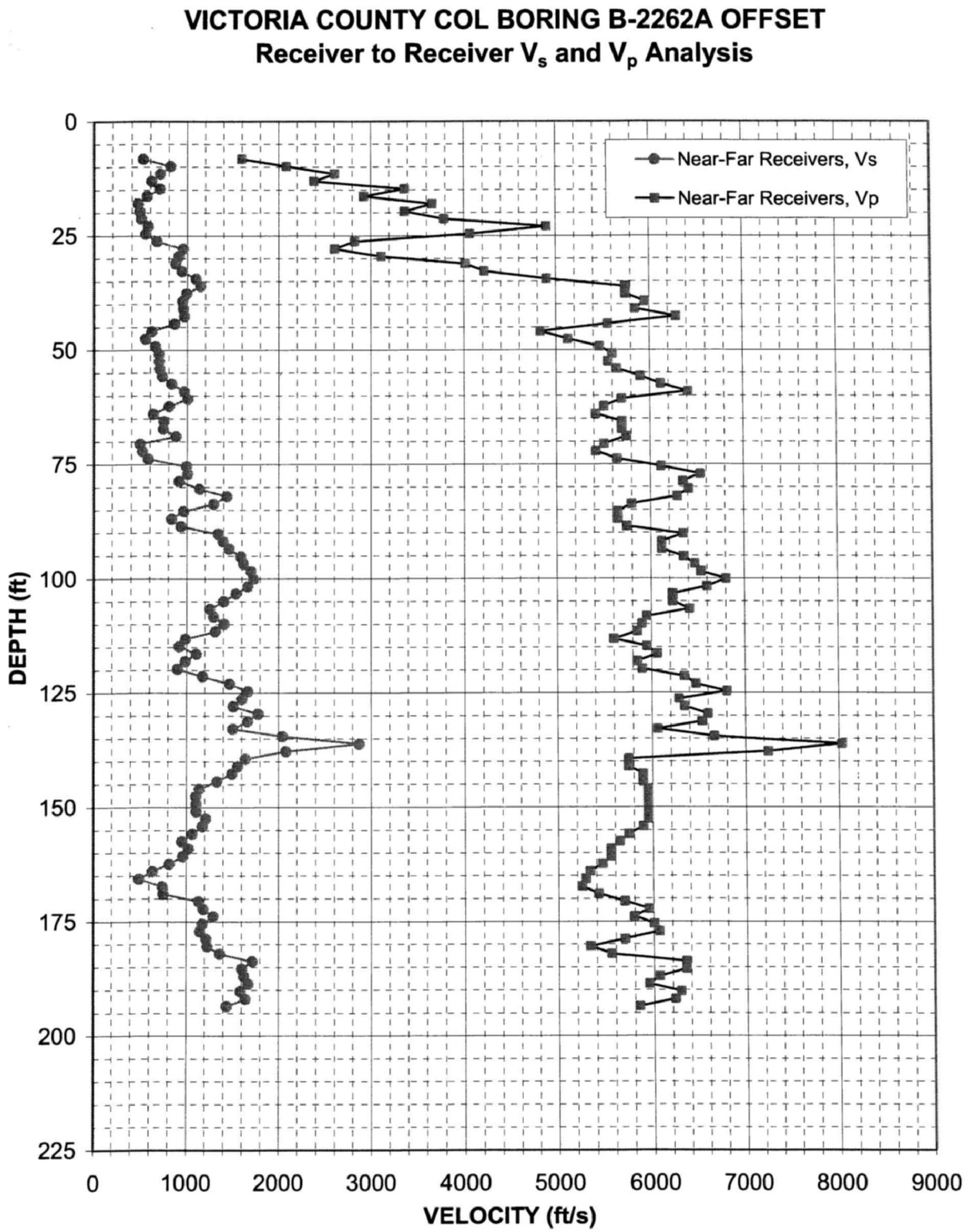


Figure 21: Boring B-2262A OFFSET, Suspension R1-R2 P- and S_H-wave velocities

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
8.2	520	1590
9.8	820	2080
11.5	710	2600
13.1	610	2380
14.8	700	3370
16.4	560	2920
18.0	470	3660
19.7	480	3370
21.3	500	3790
23.0	580	4900
24.6	550	4070
26.3	670	2820
27.9	960	2600
29.5	910	3120
31.2	870	4020
32.8	940	4220
34.5	1100	4900
36.1	1150	5750
37.7	1000	5750
39.4	950	5950
41.0	960	5850
42.7	970	6290
44.3	860	5560
45.9	620	4830
47.6	550	5130
49.2	660	5460
50.9	690	5600
52.5	700	5560
54.1	700	5650
55.8	730	5900
57.4	830	6120
59.1	970	6410
60.7	1010	5700
62.3	810	5510
64.0	630	5420
65.6	750	5700
67.3	740	5700
68.9	880	5750
70.5	490	5510
72.2	520	5420
73.8	580	5650
75.5	1000	6120
77.1	1010	6540
78.7	920	6350
80.4	1140	6410
82.0	1440	6290
83.7	1290	5800
85.3	960	5650
86.9	830	5650
88.6	940	5750

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
90.2	1340	6350
91.9	1390	6120
93.5	1460	6120
95.1	1590	6350
96.8	1620	6470
98.4	1700	6540
100.1	1730	6800
101.7	1670	6600
103.4	1540	6230
105.0	1400	6230
106.6	1250	6410
108.3	1290	5950
109.9	1410	5900
111.6	1310	5850
113.2	990	5600
114.8	920	5950
116.5	1110	6060
118.1	990	5850
119.8	900	5900
121.4	1170	6350
123.0	1470	6470
124.7	1670	6800
126.3	1600	6290
128.0	1510	6350
129.6	1780	6600
131.2	1670	6540
132.9	1500	6060
134.5	2040	6670
136.2	2870	8030
137.8	2080	7250
139.4	1640	5750
141.1	1560	5750
142.7	1490	5900
144.4	1330	5900
146.0	1140	5950
147.6	1100	5950
149.3	1110	5950
150.9	1110	5950
152.6	1210	5950
154.2	1170	5900
155.8	1060	5750
157.5	950	5650
159.1	1030	5560
160.8	960	5560
162.4	820	5460
164.0	640	5330
165.7	490	5290
167.3	740	5250
169.0	750	5420
170.6	1140	5700

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
172.2	1180	5950
173.9	1290	5800
175.5	1170	6010
177.2	1150	6060
178.8	1220	5700
180.5	1230	5330
182.1	1370	5560
183.7	1720	6350
185.4	1600	6350
187.0	1630	6060
188.7	1680	5950
190.3	1590	6290
191.9	1640	6230
193.6	1440	5850

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

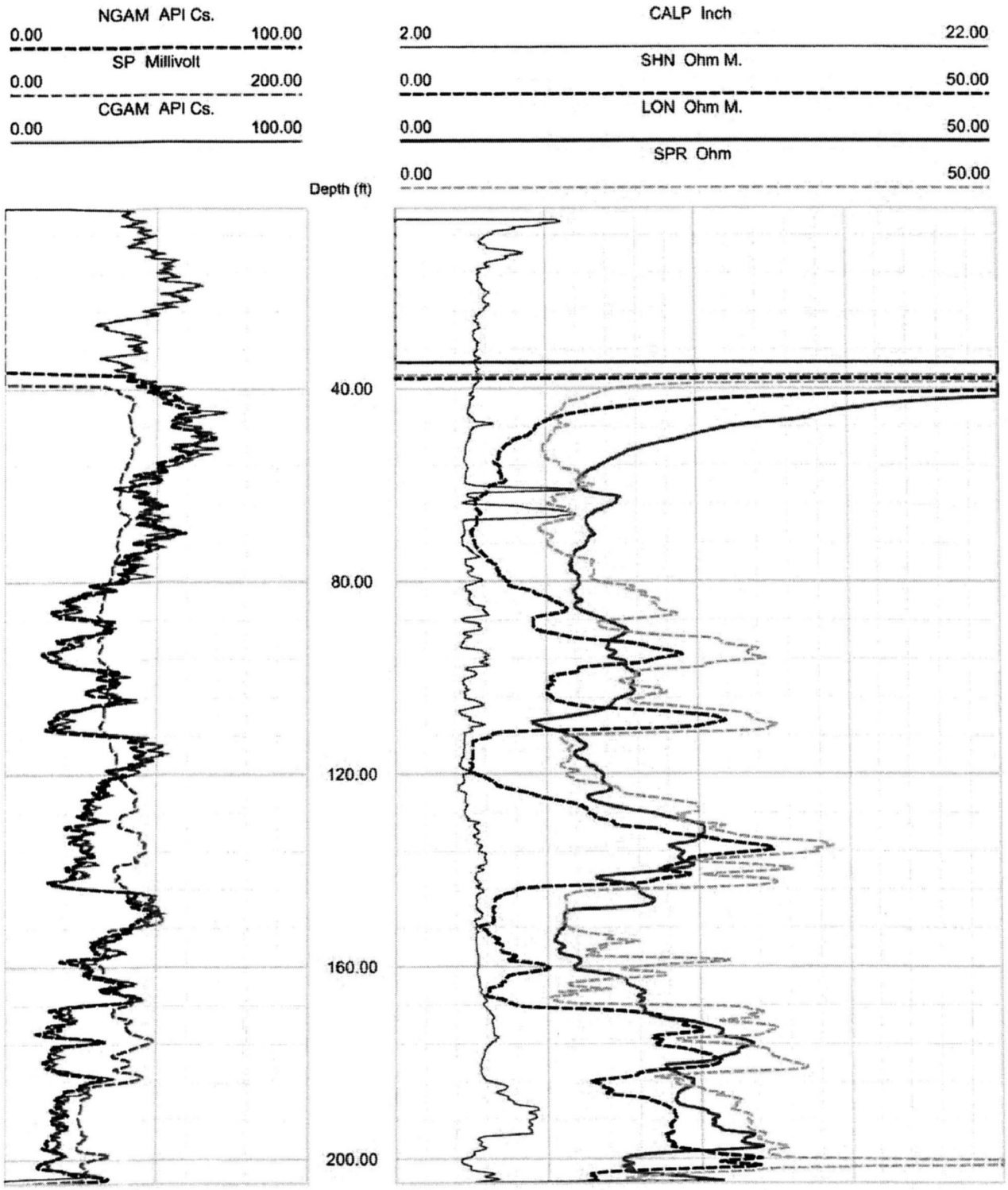
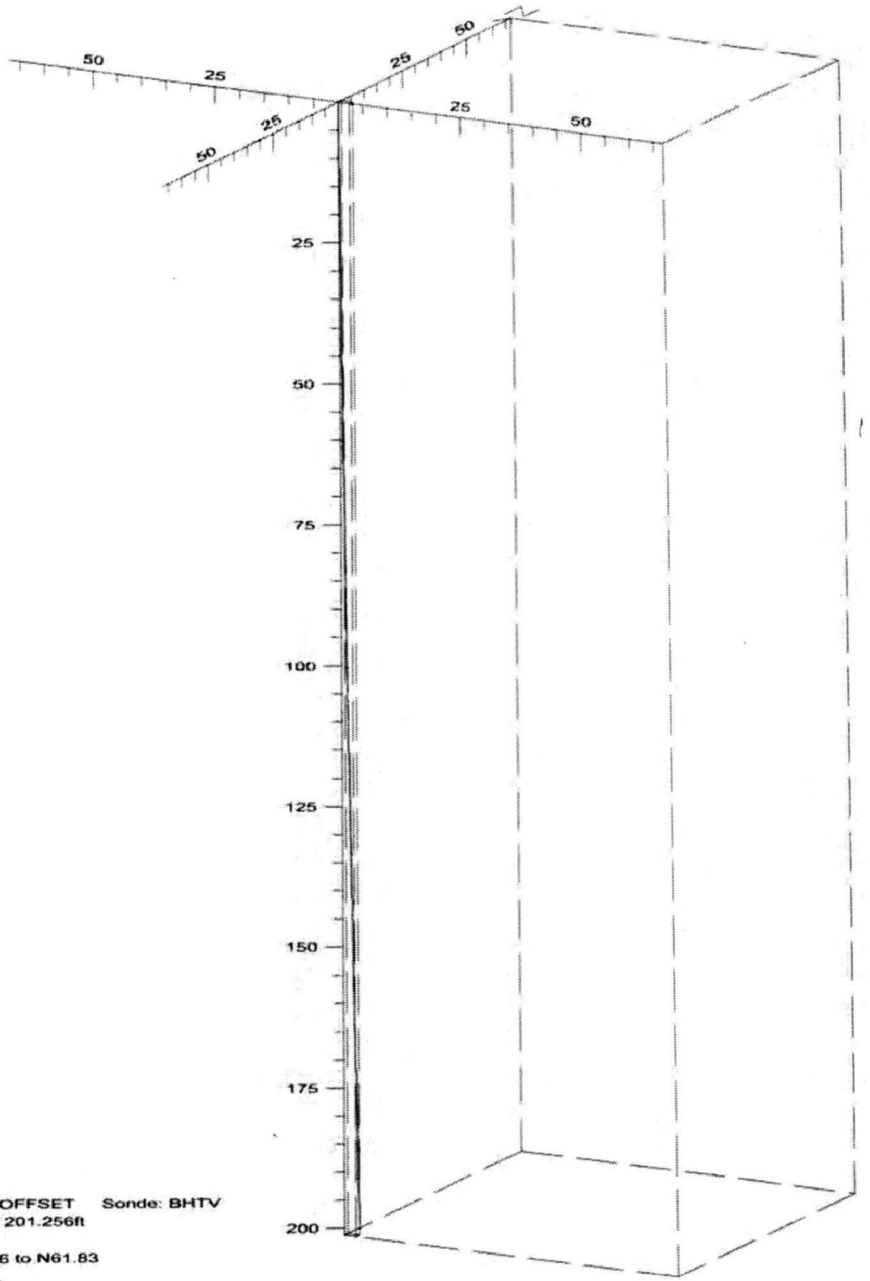


Figure 22. Boring B-2262A OFFSET, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N152



Borehole: B-2262A OFFSET Sonde: BHTV
Zone from: 0.000 to 201.256ft
North ref is true
Mean deviation: 0.76 to N61.83
End coordinates .....
North: 1.253
East : 2.345
Down : 201.234
Azimuth of end: N61.89
Distance start-end: 2.659ft
Viewpoint: N152
Data extrapolated to the surface from 3.176ft

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

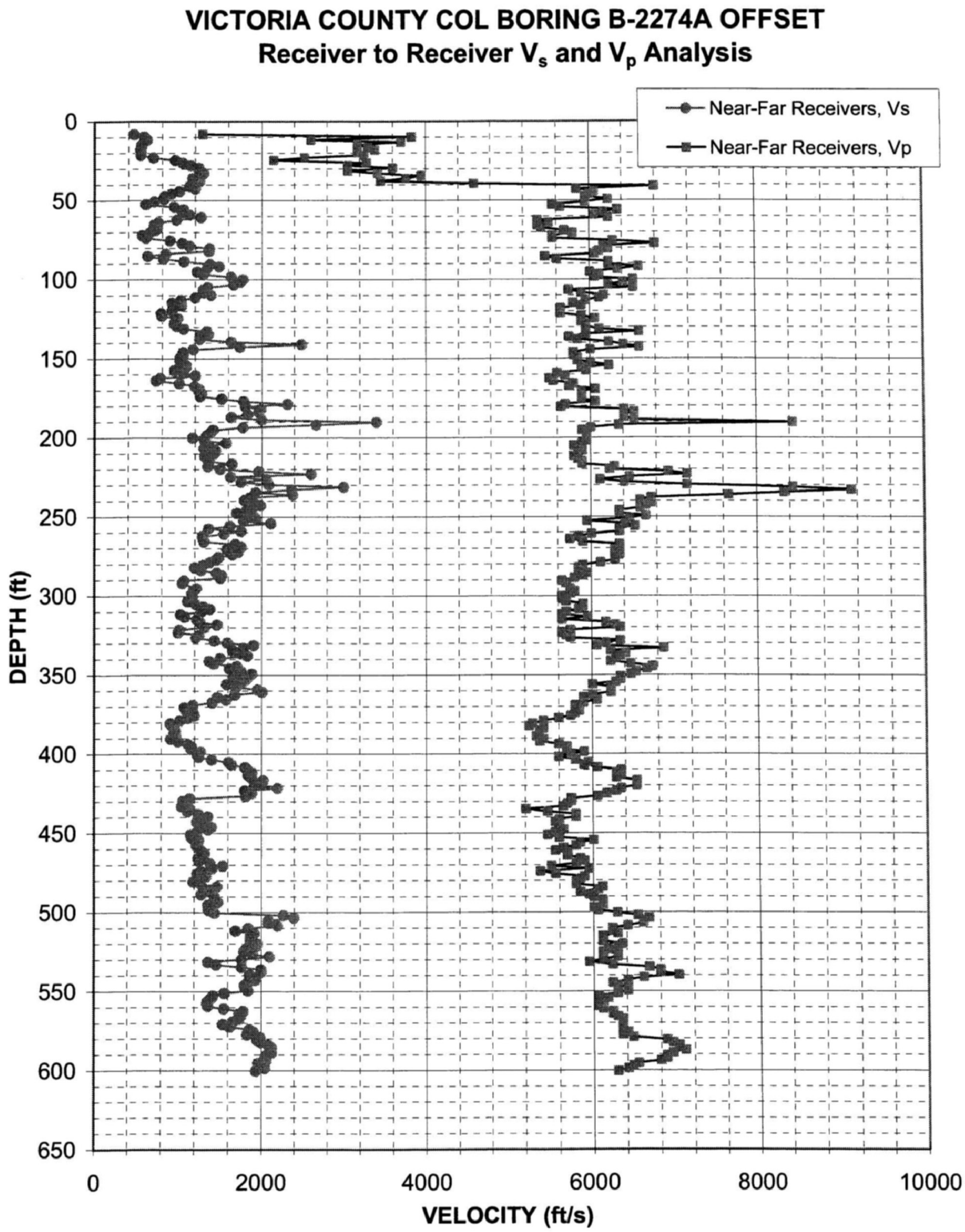


Figure 24: Boring B-2274A OFFSET, Suspension R1-R2 P- and S_H-wave velocities

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
8.2	460	1290
9.8	580	3830
11.8	620	2600
13.1	580	3700
14.8	550	3170
16.4	550	3300
18.0	540	3380
19.7	540	3170
21.3	540	3250
23.0	690	2530
24.6	960	2140
26.3	1050	3280
27.9	1150	3060
29.5	1240	3600
31.2	1250	3060
32.8	1300	3420
34.5	1260	3940
36.1	1170	3770
37.7	1250	3450
39.4	1210	4600
41.0	1130	6800
42.7	1200	5850
44.3	1010	6060
45.9	910	6010
47.6	830	5950
49.2	820	6230
50.9	700	5950
52.5	600	5560
54.1	950	5650
55.8	1060	6350
57.4	1040	6170
59.1	1130	6060
60.7	1270	6230
62.3	970	5380
64.0	750	5510
65.6	700	5380
67.3	740	5420
68.9	720	5700
70.5	650	5800
72.2	560	5560
73.8	610	5560
75.5	890	6290
77.1	1040	6800
78.7	1130	6170
80.4	1370	6230
82.0	1370	6120
83.7	840	6060
85.3	630	5460
86.9	810	5600
88.6	1060	6230

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
90.2	1380	6230
91.9	1490	6600
93.5	1340	6350
95.1	1230	6010
96.8	1300	6120
98.4	1630	6060
100.1	1770	6540
101.7	1750	6410
103.4	1670	6230
105.0	1350	6540
106.6	1300	5750
108.3	1300	5900
109.9	1390	6170
111.6	1200	6120
113.2	1030	5950
114.8	920	5800
116.5	1040	5900
118.1	940	5650
119.8	920	5650
121.4	790	5650
123.0	800	5900
124.7	990	6060
126.3	960	5900
128.0	950	5950
129.6	970	5950
131.2	1060	6120
132.9	1340	6600
134.5	1360	5950
136.2	1260	5750
137.8	1250	5850
139.4	1630	6230
141.1	2490	6410
142.7	1740	6600
144.4	1180	6010
146.0	1050	5800
147.6	1050	5800
149.3	1020	5850
150.9	1010	5850
152.6	1020	6010
154.2	1090	6230
155.8	1090	5900
157.5	950	5950
159.1	1060	5600
160.8	1200	5700
162.4	780	5510
164.0	730	5560
165.7	1010	5800
167.3	1190	5750
169.3	1250	6060
170.6	1240	5900

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
172.2	1280	5900
173.9	1260	5900
175.5	1520	5900
177.2	1780	6060
178.8	2310	5700
180.5	1800	5650
182.1	1980	6410
183.7	1960	6540
185.4	1830	6410
187.0	1630	6410
188.7	2000	6540
190.3	3400	8440
191.9	2670	6350
193.6	1770	6010
195.2	1420	5900
196.9	1390	5950
198.5	1340	5950
200.1	1170	5950
201.8	1310	5950
203.4	1570	5900
205.1	1370	5800
206.7	1310	5850
208.3	1450	5900
210.0	1430	5850
211.6	1320	5800
213.3	1350	5850
214.9	1370	5900
216.5	1640	5900
218.2	1360	6290
219.8	1500	6230
221.5	1960	6940
223.1	2600	7170
224.7	1630	6470
226.4	2060	6120
228.0	1750	6410
229.7	2080	7170
231.3	3000	8440
232.9	2360	9130
234.6	1930	8330
236.2	2380	7660
237.9	1860	6730
239.5	1790	6600
241.1	1900	6730
242.8	1980	6670
244.4	1880	6600
246.1	1810	6350
247.7	1700	6350
249.3	1890	6670
251.0	1930	6470
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)
254.3	2110	6410
255.9	1620	6540
257.6	1370	6350
259.2	1750	6350
260.8	1550	6010
262.5	1290	5850
264.1	1300	5750
265.8	1310	5900
267.4	1680	6350
269.0	1750	6350
270.7	1590	6290
272.3	1720	6290
274.0	1650	6350
275.6	1490	6290
277.2	1460	6290
278.9	1380	6120
280.5	1300	5900
282.2	1200	5850
283.8	1270	5850
285.4	1460	5950
287.1	1520	5900
288.7	1510	5800
290.4	1070	5650
292.0	1050	5700
295.3	1220	5750
296.9	1180	5800
298.6	1170	5750
300.2	1170	5650
301.8	1150	5650
303.5	1110	5700
305.1	1210	5900
306.8	1300	5900
308.4	1380	5850
310.0	1280	5700
311.7	1030	5650
313.3	1080	5950
315.0	1230	5650
316.6	1260	6170
318.2	1470	6290
319.9	1320	6350
321.5	1020	5750
323.2	1000	5650
324.8	1250	5700
326.4	1220	5750
328.1	1440	6350
329.7	1590	6170
331.4	1900	6060
333.0	1780	6870
334.7	1660	6230
336.3	1750	6410

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
337.9	1830	6350
339.6	1510	6290
341.2	1380	6230
342.9	1430	6470
344.5	1710	6730
346.1	1620	6670
347.8	1750	6540
349.4	1880	6470
351.1	1660	6350
352.7	1820	6350
354.3	1770	6290
356.0	1590	6010
357.6	1690	6230
359.3	1950	6230
360.9	2010	6230
362.5	1680	6010
364.2	1470	5900
365.8	1580	6060
367.5	1410	5900
369.1	1180	5800
370.7	1080	5800
372.4	1100	5850
374.0	1190	5800
375.7	1200	5750
377.3	1120	5600
378.9	1030	5420
380.6	910	5290
382.2	930	5250
383.9	960	5420
385.5	970	5380
387.1	960	5380
388.8	970	5330
390.4	910	5420
392.1	1000	5380
393.7	1120	5600
395.3	1170	5700
397.0	1160	5700
398.6	1270	5900
400.3	1230	5750
401.9	1250	5600
403.5	1410	5800
405.2	1610	5950
406.8	1640	5900
408.5	1800	6060
410.1	1840	6350
411.8	1880	6290
413.4	1840	6350
415.0	1880	6290
416.7	2020	6540
418.3	2010	6540

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
420.0	1920	6540
421.6	2190	6350
423.2	1800	6290
424.9	1880	6170
426.5	1810	6060
428.2	1150	5750
429.8	1060	5750
431.4	1060	5700
433.1	1050	5650
434.7	1150	5210
436.4	1120	5460
438.0	1250	5800
439.6	1360	5800
441.3	1310	5600
442.9	1230	5560
444.6	1270	5600
446.2	1410	5600
447.8	1370	5650
449.5	1230	5560
451.1	1160	5460
452.8	1170	5600
454.4	1250	6010
456.0	1220	5850
457.7	1230	5800
459.3	1250	5650
461.0	1280	5560
462.6	1320	5700
464.2	1310	5700
465.9	1250	5850
467.5	1260	5900
469.2	1390	5800
470.8	1540	5510
472.4	1410	5950
474.1	1280	5380
475.7	1230	5560
477.4	1340	5900
479.0	1290	5850
480.6	1190	5800
482.3	1280	5800
483.9	1470	6120
485.6	1390	6060
487.2	1320	5850
488.9	1280	5950
490.5	1440	6010
492.1	1460	6120
493.8	1480	6120
495.4	1370	6120
497.1	1380	6010
498.7	1370	6060
500.3	1440	6290

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