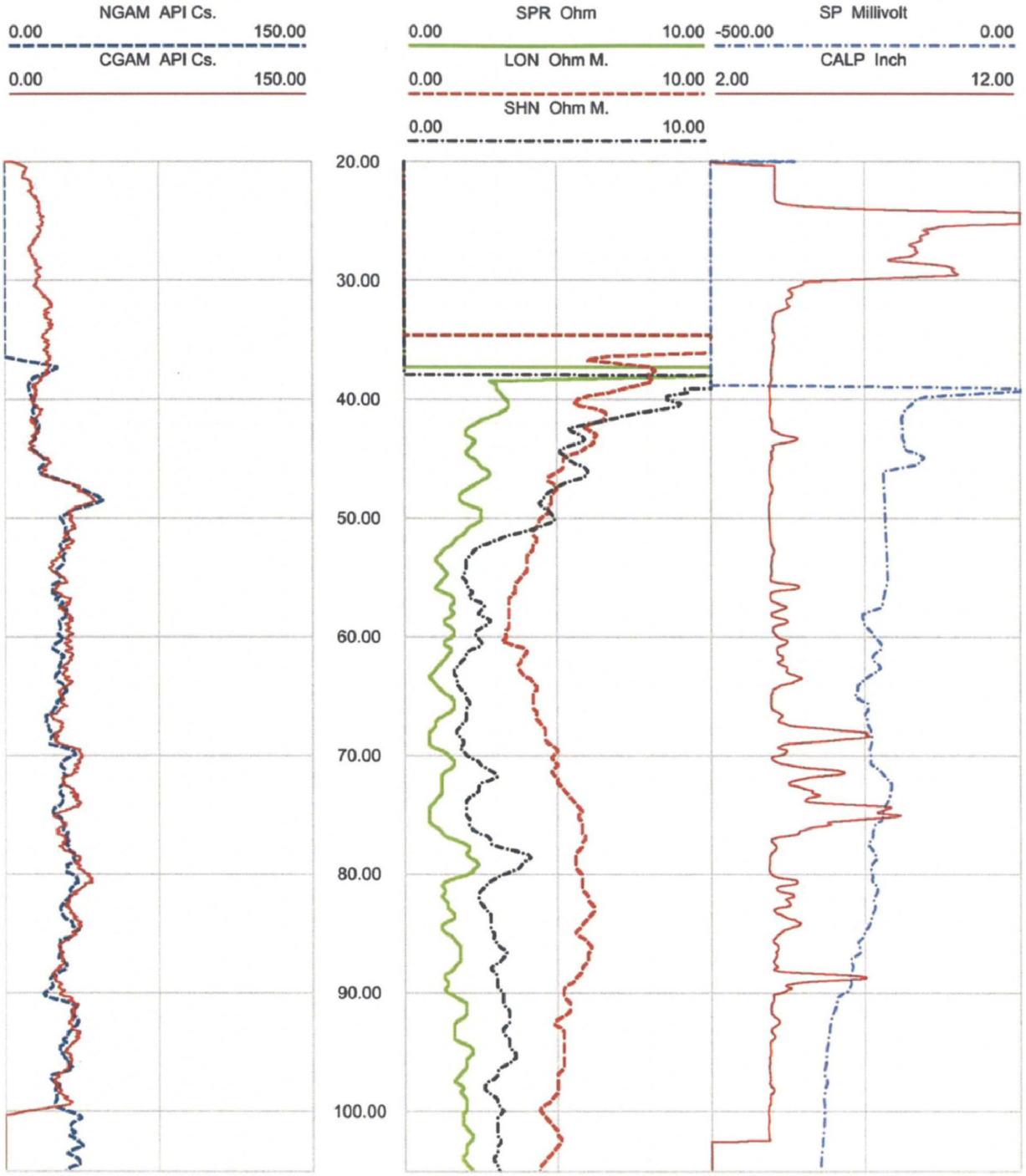


Figure 14. Boring B-604 (DH) upper section, Caliper, Natural gamma, Resistivity and SP logs

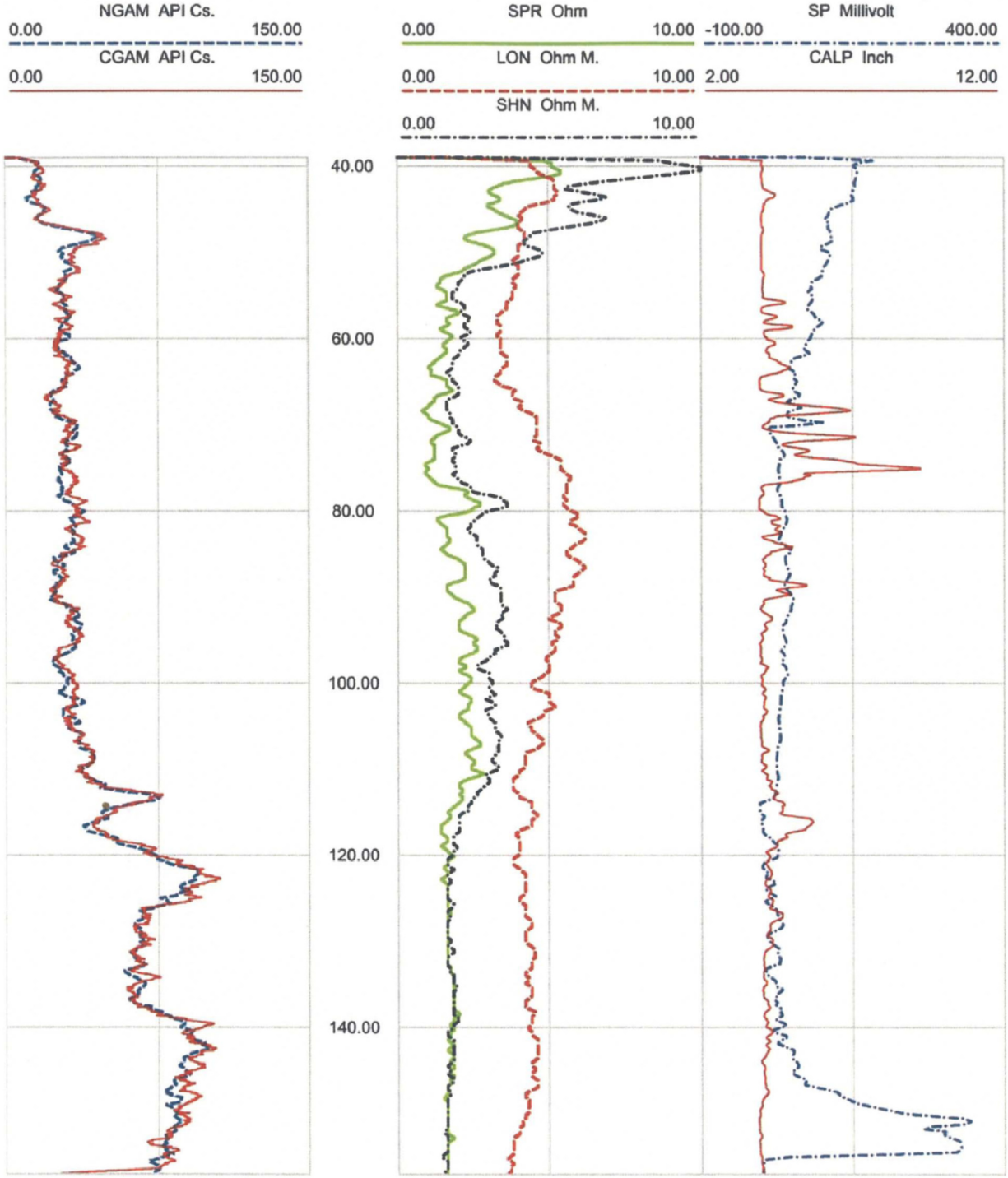
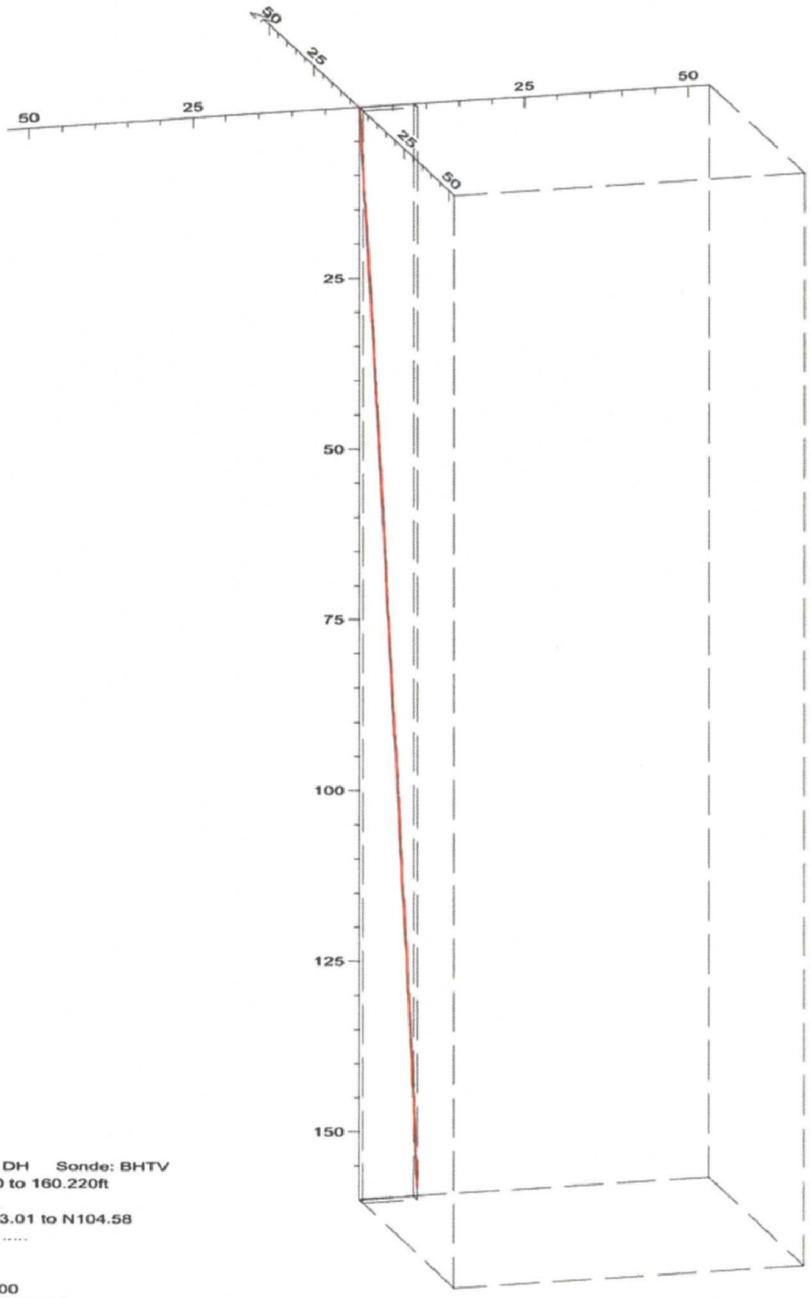


Figure 15. Boring B-604 (DH) lower section, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N195



Borehole: B-604 DH Sonde: BHTV
Zone from: 0.000 to 160.220ft
North ref is true
Mean deviation: 3.01 to N104.58
End coordinates .....
North: -2.120
East : 8.140
Down : 159.900
Azimuth of end: N104.60
Distance start-end: 8.412ft
Viewpoint: N195
Data extrapolated to the surface from 40.000ft

Figure 16. Boring B-604 (DH), Deviation Projection (dimensions in feet)

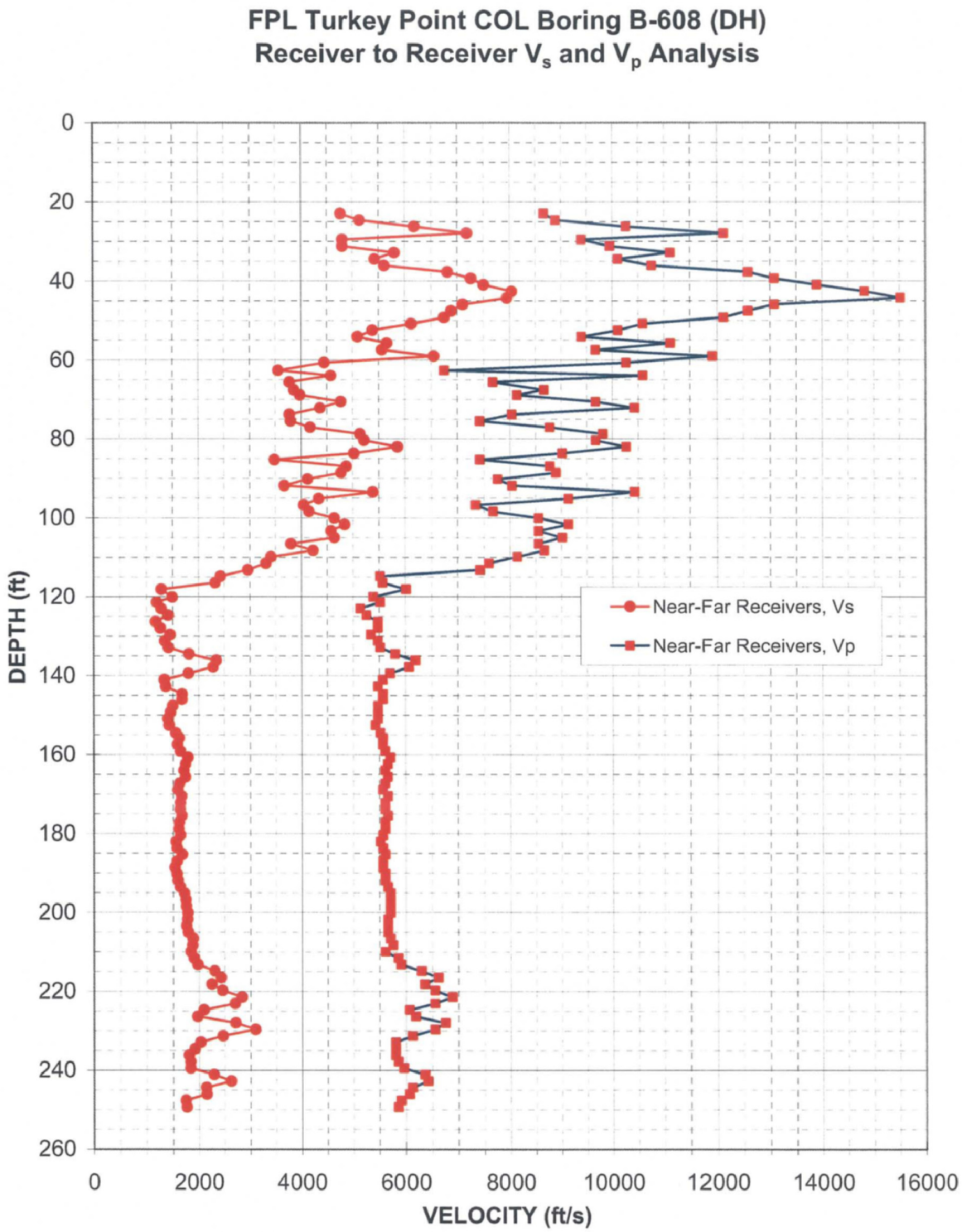


Figure 17: Boring B-608 (DH), Suspension R1-R2 P- and S_H-wave velocities

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
23.0	4760	8660
24.6	5130	8890
26.3	6170	10260
27.9	7170	12120
29.5	4800	9390
31.2	4800	9950
32.8	5800	11110
34.5	5420	10100
36.1	5600	10750
37.7	6800	12580
39.4	7250	13070
41.0	7490	13890
42.7	8030	14810
44.3	7940	15500
45.9	7090	13070
47.6	6870	12580
49.2	6730	12120
50.9	6120	10580
52.5	5380	10100
54.1	5090	9390
55.8	5650	11110
57.4	5560	9660
59.1	6540	11900
60.7	4440	10260
62.7	3550	6730
64.0	4570	10580
65.6	3770	7660
67.6	3850	8660
68.9	3970	8130
70.5	4760	9660
72.2	4360	10420
73.8	3770	8030
75.5	3790	7410
77.1	4170	8770
78.7	5130	9800
80.4	5210	9660
82.0	5850	10260
83.7	5010	9010
85.3	3470	7410
86.9	4870	8770
88.6	4760	8890
90.2	4120	7750
91.9	3660	8030
93.5	5380	10420
95.1	4330	9130
96.8	4040	7330
98.4	4140	7660
100.1	4630	8550
101.7	4830	9130
103.4	4570	8550

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
105.0	4630	9010
106.6	3790	8550
108.3	4220	8660
109.9	3400	8130
111.6	3300	7580
113.2	2950	7410
114.8	2420	5510
116.5	2310	5560
118.1	1270	6010
120.1	1480	5380
121.4	1190	5510
123.0	1270	5130
124.7	1400	5250
126.3	1170	5460
128.0	1250	5460
129.6	1440	5330
131.2	1340	5460
132.9	1410	5510
134.5	1800	5800
136.2	2330	6170
137.8	2270	6060
139.4	1790	5700
141.1	1330	5560
142.7	1360	5460
144.7	1670	5560
146.0	1670	5560
147.6	1490	5460
149.3	1440	5460
150.9	1390	5460
152.6	1420	5420
154.5	1540	5510
155.8	1610	5560
157.5	1580	5560
159.1	1630	5600
160.8	1780	5700
162.4	1730	5650
164.0	1700	5600
165.7	1730	5650
167.3	1620	5600
169.0	1590	5560
170.6	1650	5650
172.2	1630	5600
173.9	1630	5600
175.5	1660	5650
177.2	1610	5600
178.8	1600	5600
180.5	1630	5560
182.1	1550	5510
183.7	1570	5560
185.4	1670	5600

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
187.0	1570	5560
188.7	1530	5560
190.3	1560	5600
191.9	1590	5600
193.6	1630	5650
195.2	1710	5700
196.9	1740	5700
198.5	1750	5700
200.1	1770	5700
201.8	1770	5650
203.4	1750	5650
205.1	1780	5650
206.7	1870	5700
208.3	1860	5750
210.0	1830	5600
211.6	1890	5850
213.3	1970	5900
214.9	2290	6290
216.5	2420	6600
218.2	2240	6350
219.8	2440	6540
221.5	2820	6870
223.1	2690	6540
224.7	2080	6060
226.4	1960	6170
228.0	2700	6730
229.7	3090	6540
231.3	2450	6120
232.9	2020	5800
234.6	1910	5800
236.2	1800	5800
237.9	1830	5850
239.5	1830	5950
241.1	2280	6350
242.8	2610	6410
244.4	2130	6120
246.1	2140	6060
247.7	1740	5900
249.3	1750	5850

Table 8. Boring B-608 (DH), Suspension R1-R2 depths and P- and S_H-wave velocities

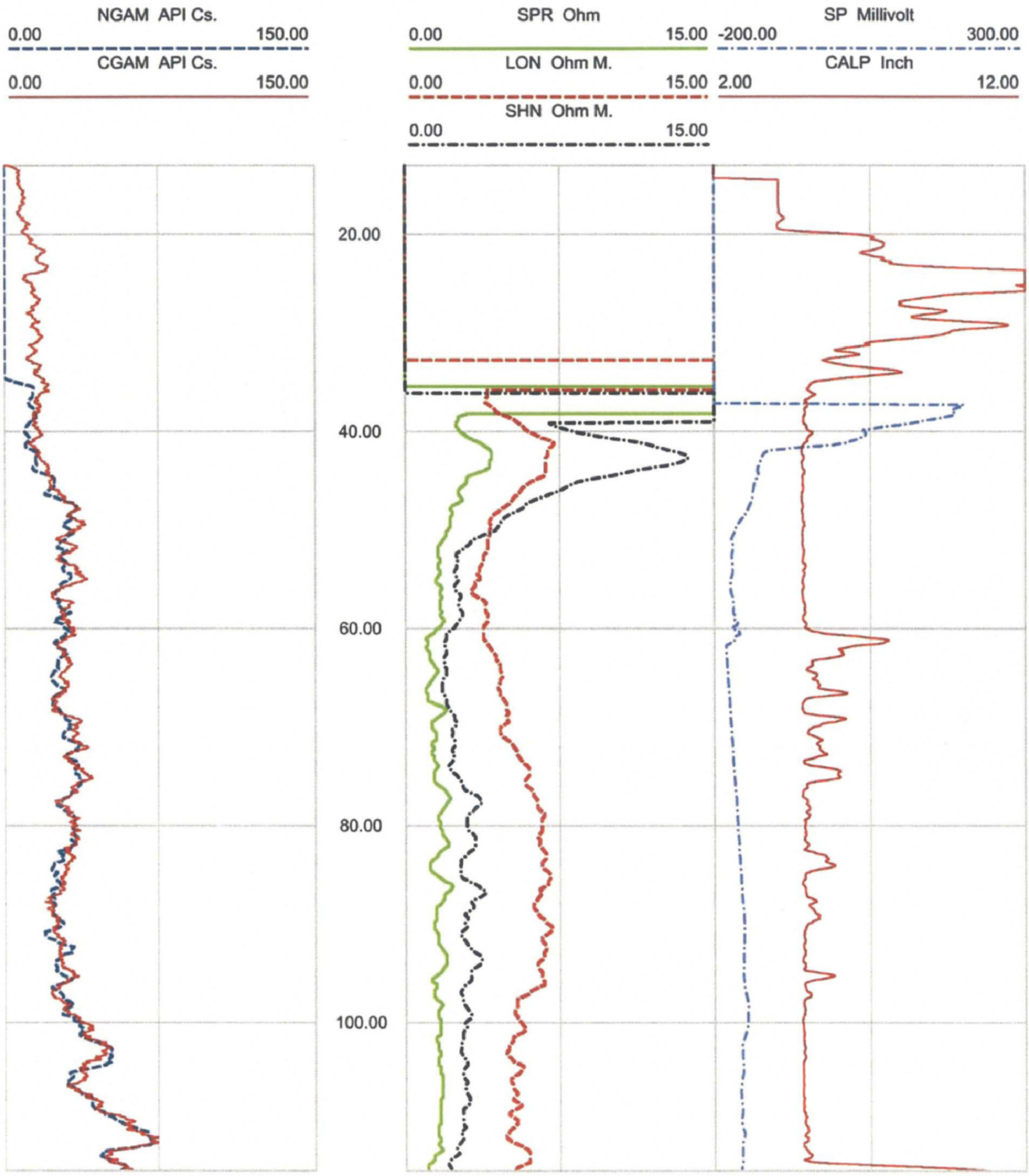


Figure 18. Boring B-608 (DH) upper section, Caliper, Natural gamma, Resistivity and SP logs

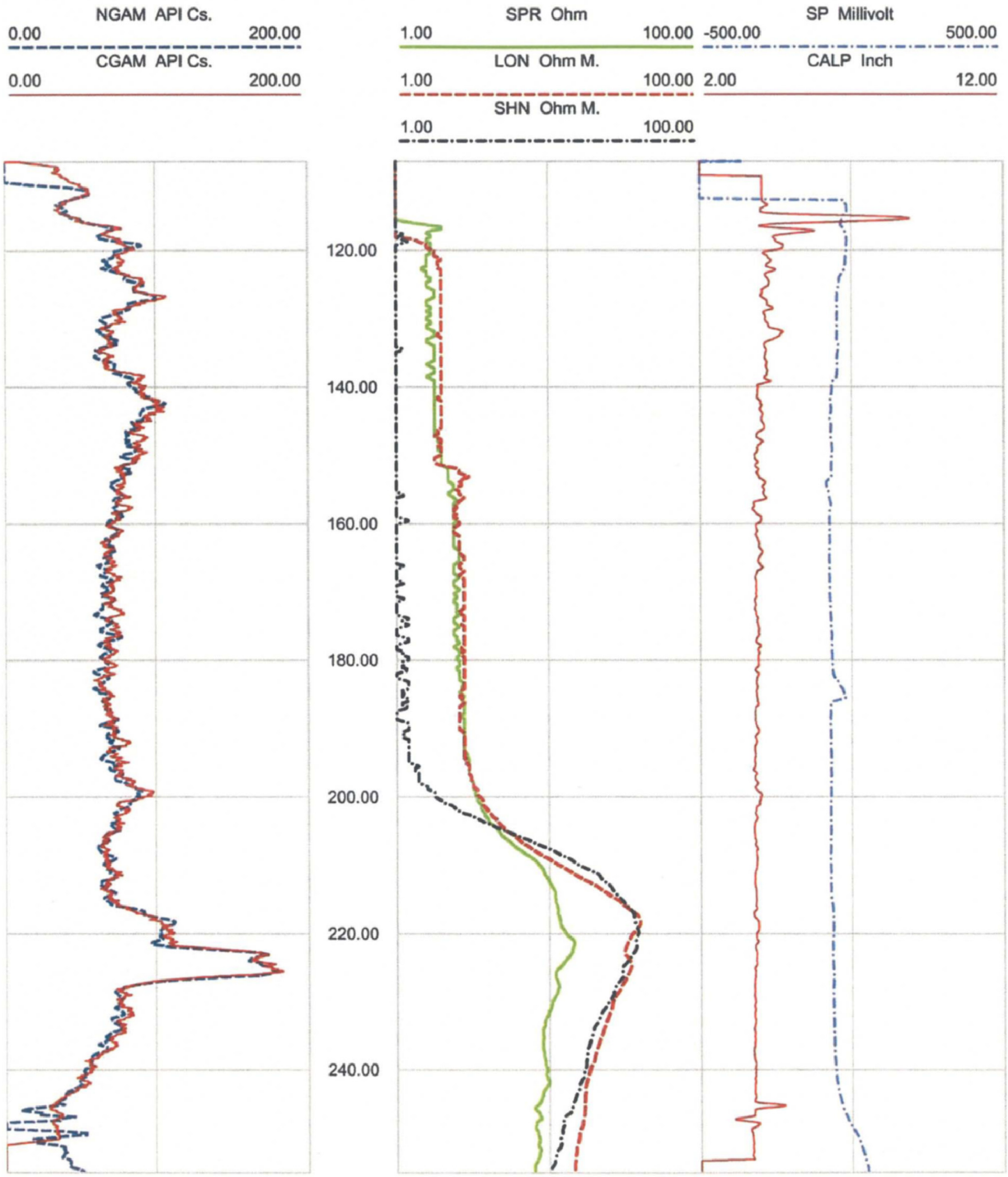
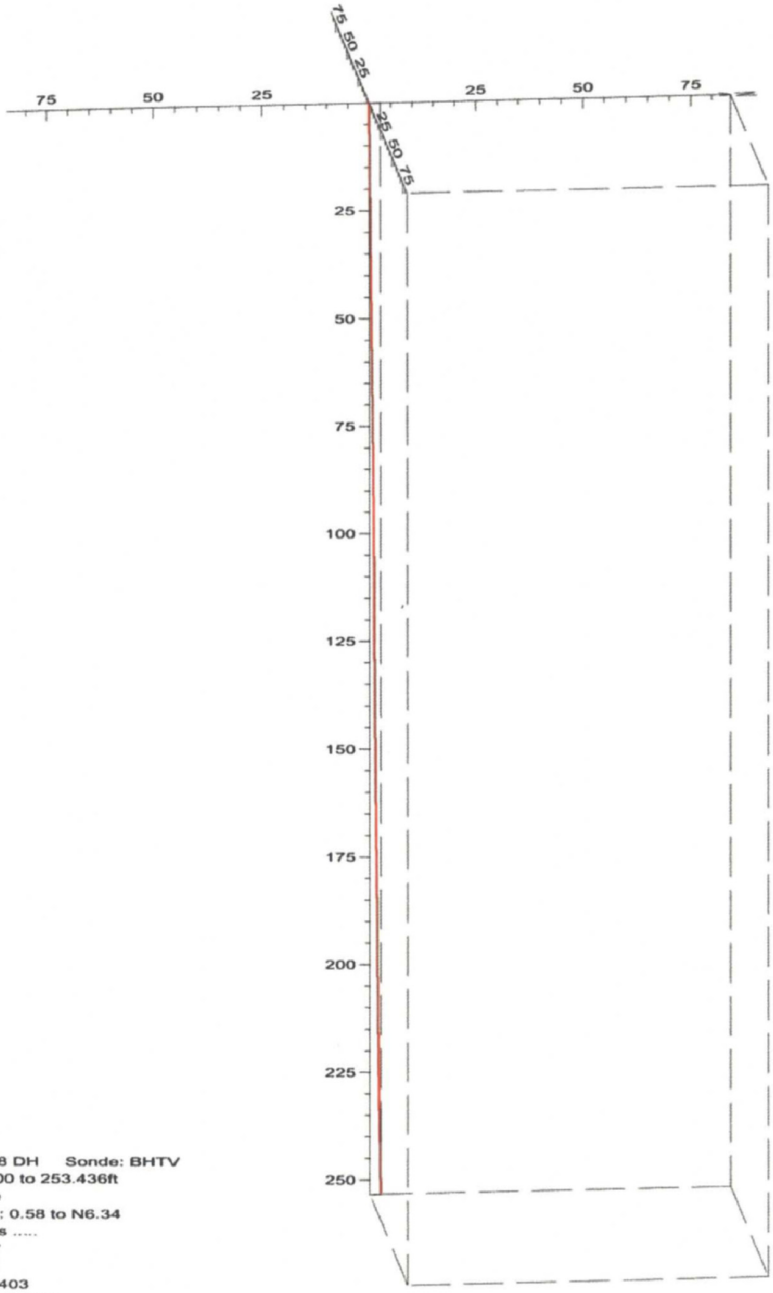


Figure 19. Boring B-608 (DH) lower section, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N96



Borehole: B-608 DH Sonde: BHTV
Zone from: 0.000 to 253.436ft
North ref is true
Mean deviation: 0.58 to N6.34
End coordinates .....
North: 2.557
East : 0.284
Down : 253.403
Azimuth of end: N6.35
Distance start-end: 2.573ft
Viewpoint: N96
Data extrapolated to the surface from 27.000ft

Figure 20. Boring B-608 (DH), Deviation Projection (dimensions in feet)

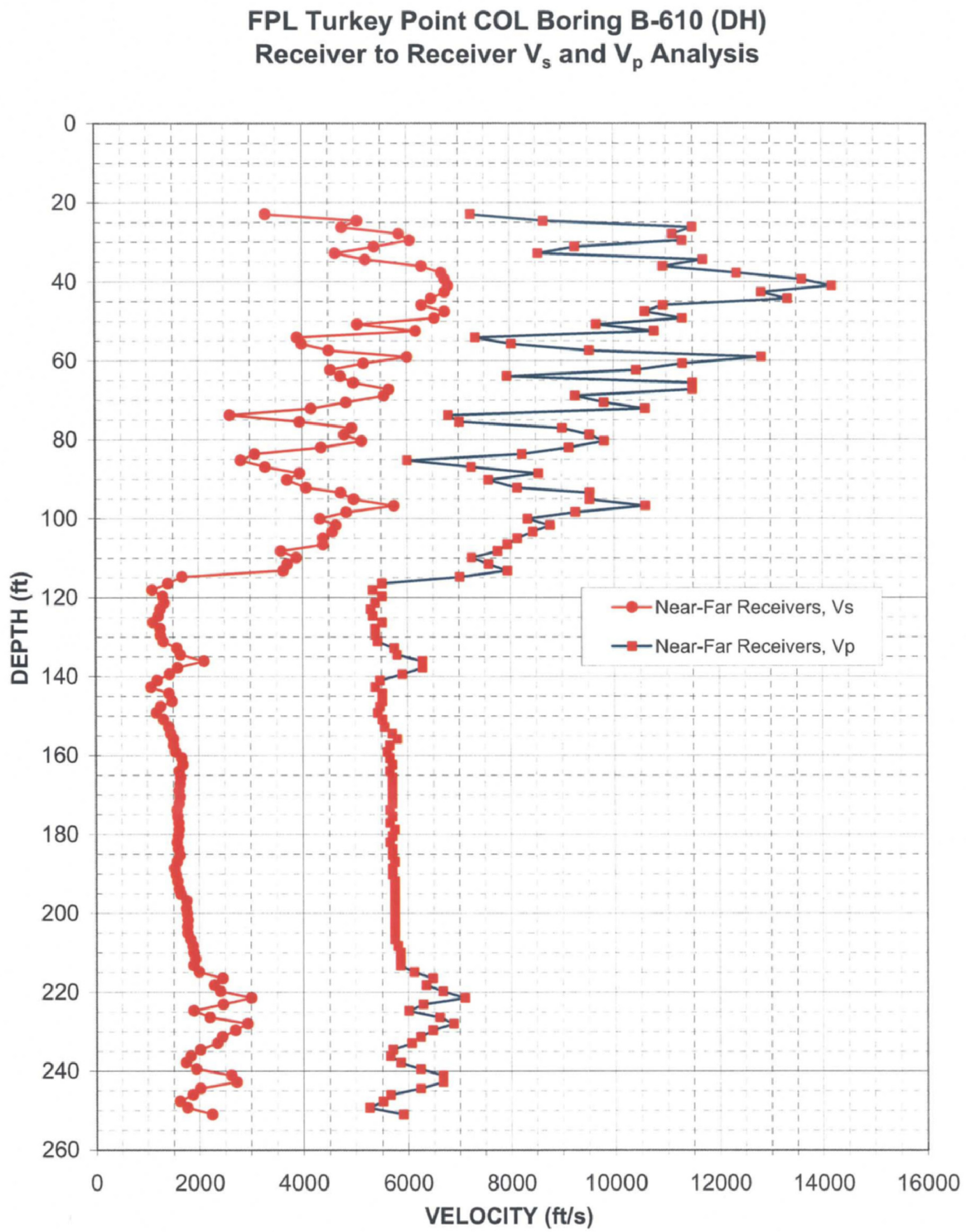


Figure 21: Boring B-610 (DH), Suspension R1-R2 P- and S_H-wave velocities

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
23.0	3300	7250
24.6	5050	8660
26.3	4760	11490
27.9	5850	11110
29.5	6060	11300
31.2	5380	9260
32.8	4630	8550
34.5	5210	11700
36.1	6290	10930
37.7	6670	12350
39.4	6730	13610
41.0	6800	14180
42.7	6730	12820
44.3	6470	13330
45.9	6290	10930
47.6	6730	10580
49.2	6540	11300
50.9	5050	9660
52.5	6170	10750
54.1	3900	7330
55.8	3990	8030
57.4	4500	9520
59.1	6010	12820
60.7	5170	11300
62.3	4540	10420
64.0	4730	7940
65.6	4980	11490
67.3	5650	11490
68.9	5560	9260
70.5	4830	9800
72.2	4170	10580
73.8	2600	6800
75.5	3940	7020
77.1	4940	9010
78.7	4800	9520
80.4	5130	9800
82.0	4360	9130
83.7	3090	8230
85.3	2810	6010
86.9	3280	7250
88.6	3940	8550
90.2	3700	7580
92.2	4070	8130
93.5	4730	9520
95.1	4980	9520
96.8	5750	10580
98.4	4830	9260
100.1	4330	8330
101.7	4630	8770
103.4	4570	8440

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
105.0	4390	8130
106.6	4390	7940
108.3	3580	7750
109.9	3880	7250
111.6	3700	7580
113.2	3620	7940
114.8	1680	7020
116.5	1390	5510
118.1	1090	5330
119.8	1300	5510
121.4	1320	5380
123.0	1240	5290
124.7	1210	5330
126.3	1100	5510
128.0	1240	5380
129.6	1250	5380
131.2	1310	5420
132.9	1560	5750
134.5	1630	5800
136.2	2100	6290
137.8	1580	6290
139.4	1420	5900
141.1	1180	5460
142.7	1060	5380
144.4	1410	5510
146.3	1470	5510
147.6	1250	5460
149.3	1170	5420
150.9	1310	5510
152.9	1410	5560
154.5	1440	5700
155.8	1500	5800
157.5	1500	5650
159.1	1540	5600
160.8	1660	5650
162.4	1680	5700
164.0	1610	5650
165.7	1630	5700
167.3	1620	5700
169.0	1600	5700
170.6	1620	5700
172.2	1600	5700
173.9	1560	5650
175.5	1580	5700
177.2	1590	5650
178.8	1600	5750
180.5	1580	5700
182.1	1560	5650
183.7	1590	5700
185.4	1620	5700

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
187.0	1560	5750
188.7	1520	5700
190.3	1540	5700
191.9	1570	5750
193.9	1600	5750
195.2	1630	5750
196.9	1750	5750
198.8	1740	5750
200.1	1750	5750
201.8	1770	5750
203.4	1760	5750
205.1	1760	5750
206.7	1820	5750
208.3	1870	5800
210.0	1880	5850
211.6	1920	5850
213.3	1880	5850
214.9	1980	6120
216.5	2440	6470
218.2	2280	6350
219.8	2400	6670
221.5	2990	7090
223.1	2450	6290
224.7	1880	6010
226.4	2190	6600
228.0	2920	6870
229.7	2690	6470
231.3	2430	6230
232.9	2340	6060
234.6	2010	5700
236.2	1820	5650
237.9	1730	5850
239.5	1930	6230
241.1	2600	6670
242.8	2710	6670
244.4	2010	6230
246.1	1860	5650
247.7	1610	5510
249.3	1750	5250
251.0	2240	5900

Table 9. Boring B-610 (DH), Suspension R1-R2 depths and P- and S_H-wave velocities

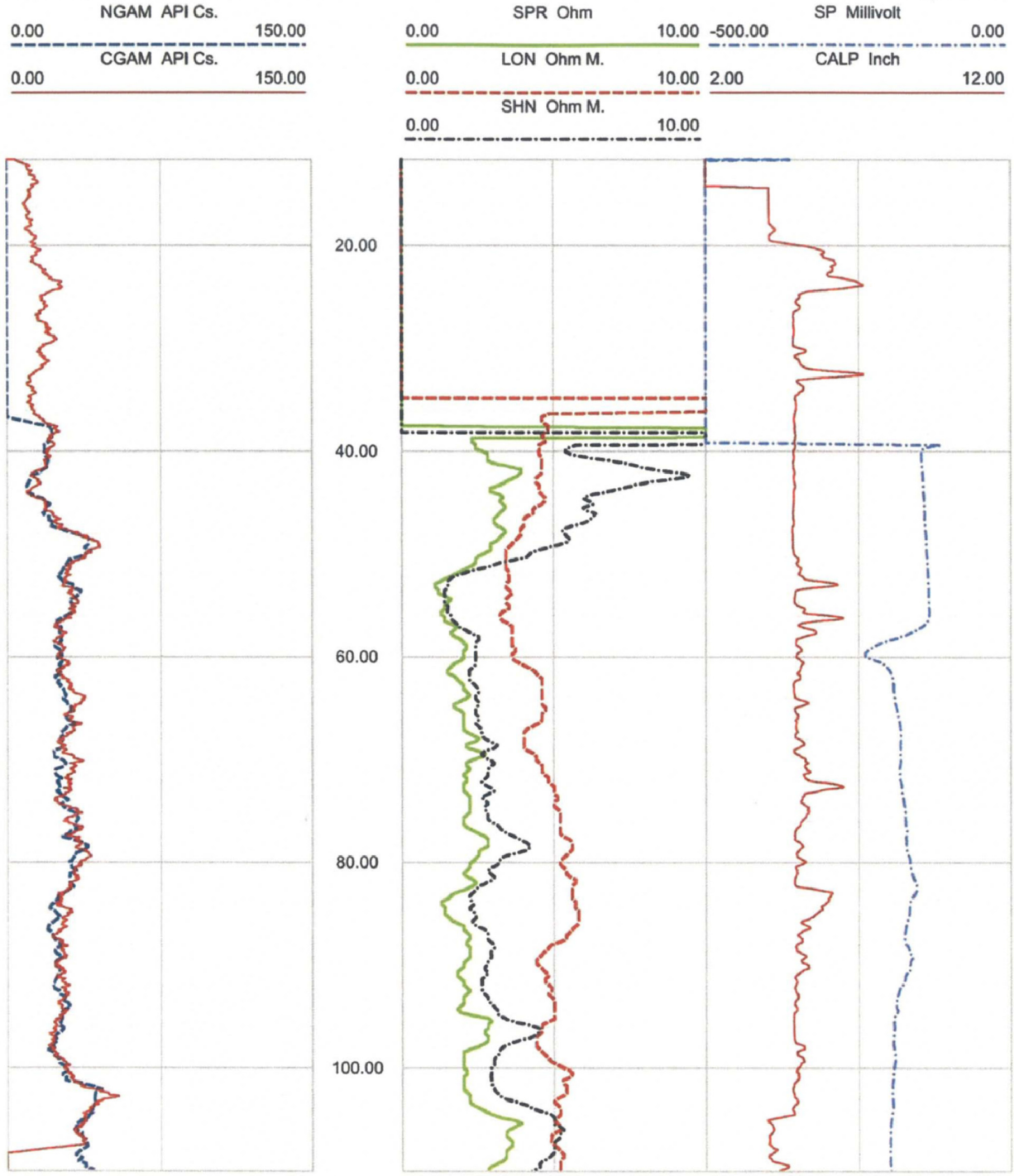


Figure 22. Boring B-610 (DH) upper section, Caliper, Natural gamma, Resistivity and SP logs

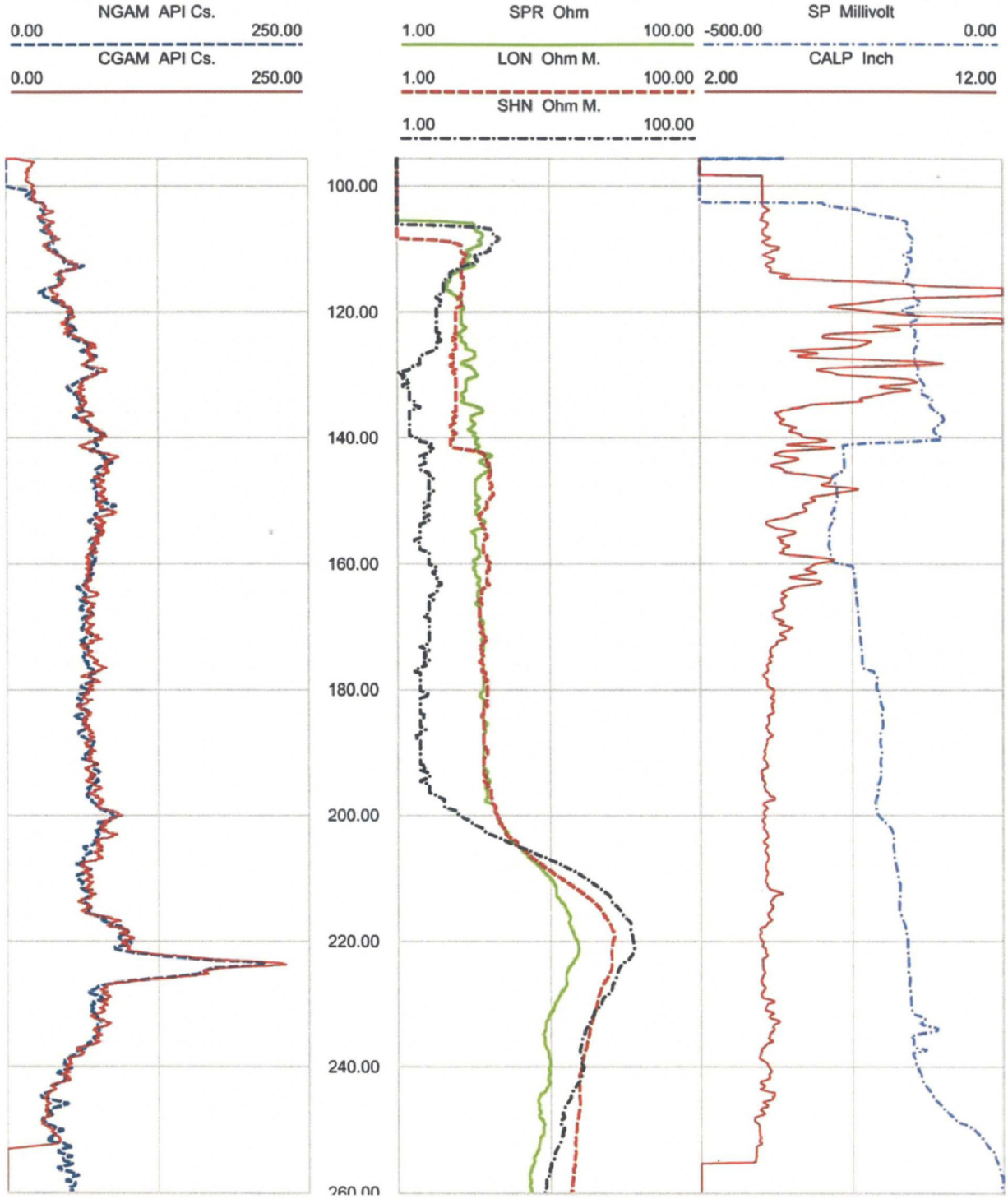
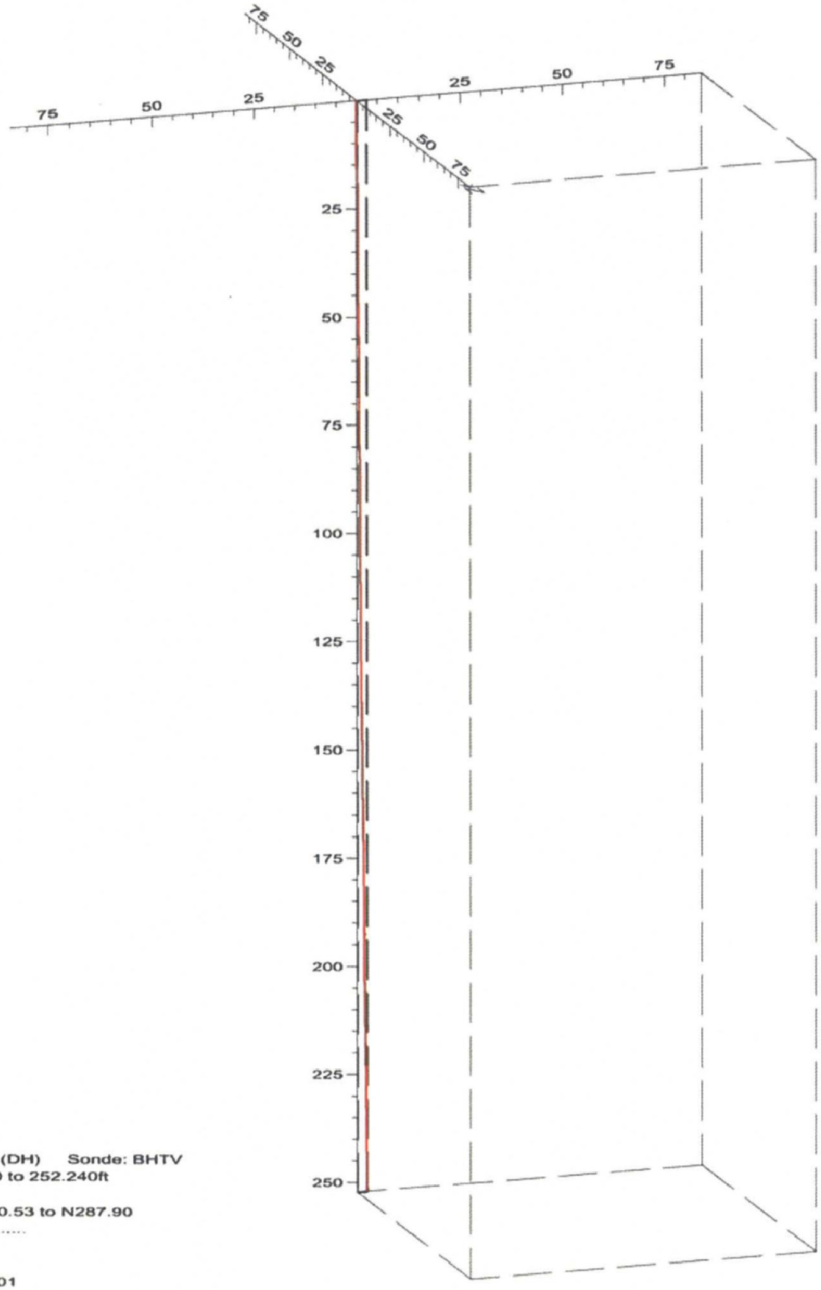


Figure 23. Boring B-610 (DH) lower section, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N18



Borehole: B-610 (DH) Sonde: BHTV
Zone from: 0.000 to 252.240ft
North ref is true
Mean deviation: 0.53 to N287.90
End coordinates .....
North: 0.722
East : -2.238
Down : 252.201
Azimuth of end: N287.89
Distance start-end: 2.351ft
Viewpoint: N18
Data extrapolated to the surface from 20.000ft

Figure 24. Boring B-610 (DH), Deviation Projection (dimensions in feet)

FPL Turkey Point COL Boring B-620 (DH)
Receiver to Receiver V_s and V_p Analysis

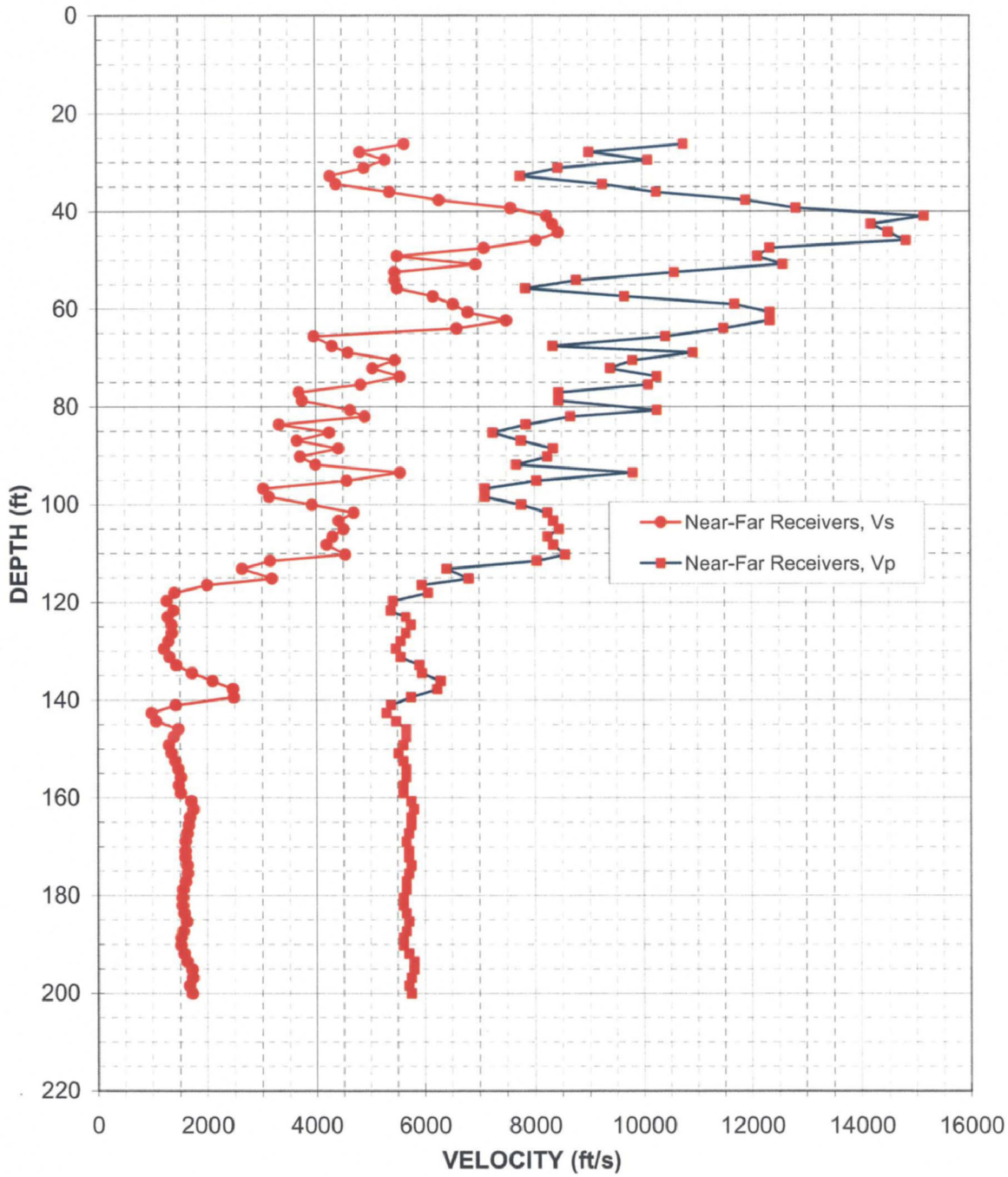


Figure 25: Boring B-620 (DH), Suspension R1-R2 P- and S_H-wave velocities

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
26.3	5650	10750
27.9	4830	9010
29.5	5290	10100
31.2	4900	8440
32.8	4270	7750
34.5	4390	9260
36.1	5380	10260
37.7	6290	11900
39.4	7580	12820
41.0	8230	15150
42.7	8330	14180
44.3	8440	14490
45.9	8030	14810
47.6	7090	12350
49.2	5510	12120
50.9	6940	12580
52.5	5460	10580
54.1	5460	8770
55.8	5510	7840
57.4	6170	9660
59.1	6540	11700
60.7	6800	12350
62.3	7490	12350
64.0	6600	11490
65.6	3970	10420
67.6	4300	8330
68.9	4600	10930
70.5	5460	9800
72.2	5050	9390
73.8	5560	10260
75.5	4830	10100
77.1	3680	8440
78.7	3750	8440
80.7	4630	10260
82.0	4900	8660
83.7	3320	7840
85.3	4250	7250
86.9	3640	7750
88.6	4420	8330
90.2	3700	8230
91.9	3990	7660
93.5	5560	9800
95.1	4570	8030
96.8	3020	7090
98.4	3130	7090
100.1	3920	7750
101.7	4690	8230
103.4	4420	8330
105.0	4500	8440
106.6	4300	8230

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
108.3	4190	8330
110.2	4540	8550
111.6	3140	8030
113.2	2620	6410
115.2	3170	6800
116.5	1980	5950
118.1	1390	6060
119.8	1260	5420
121.7	1380	5380
123.0	1270	5650
124.7	1340	5750
126.3	1350	5650
128.0	1290	5560
129.6	1200	5460
131.2	1310	5560
132.9	1420	5900
134.5	1710	5950
136.2	2080	6290
137.8	2450	6230
139.4	2470	5750
141.1	1410	5380
142.7	970	5290
144.4	1060	5460
146.0	1460	5650
147.6	1370	5650
149.3	1290	5600
150.9	1340	5510
152.6	1400	5600
154.2	1460	5650
155.8	1500	5650
157.5	1470	5600
159.1	1500	5600
160.8	1690	5750
162.4	1730	5800
164.0	1670	5750
165.7	1640	5750
167.3	1610	5700
169.0	1580	5650
170.9	1580	5700
172.2	1580	5700
173.9	1610	5750
175.5	1620	5700
177.2	1590	5650
178.8	1540	5650
180.5	1530	5600
182.1	1530	5600
183.7	1560	5650
185.4	1600	5700
187.3	1540	5650
188.7	1510	5600

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
190.3	1510	5600
191.9	1560	5700
193.6	1610	5800
195.2	1710	5800
196.9	1720	5750
198.5	1660	5700
200.1	1710	5750

Table 10. Boring B-620 (DH), Suspension R1-R2 depths and P- and S_H-wave velocities