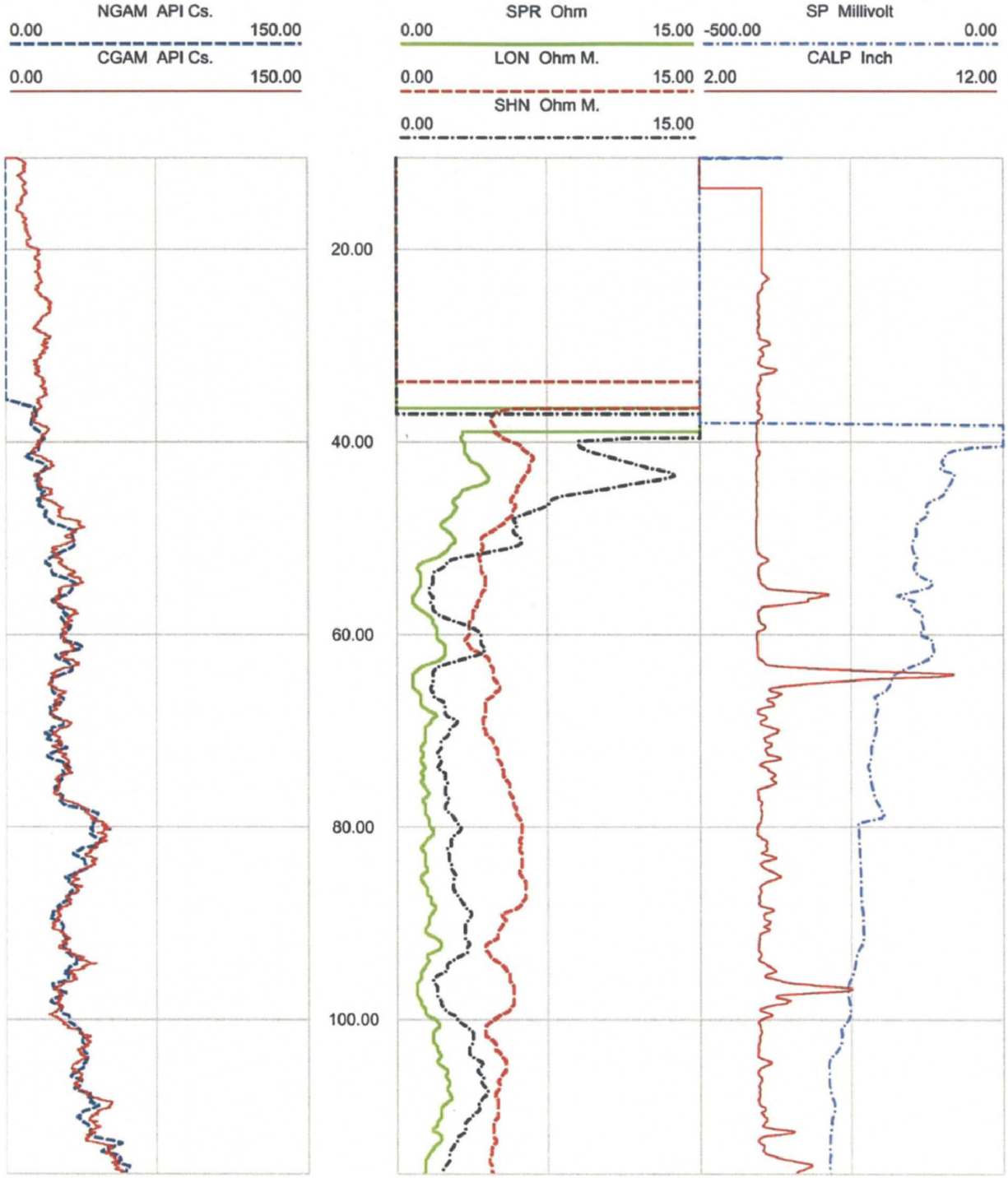


Figure 26. Boring B-620 (DH) upper section, Caliper, Natural gamma, Resistivity and SP logs

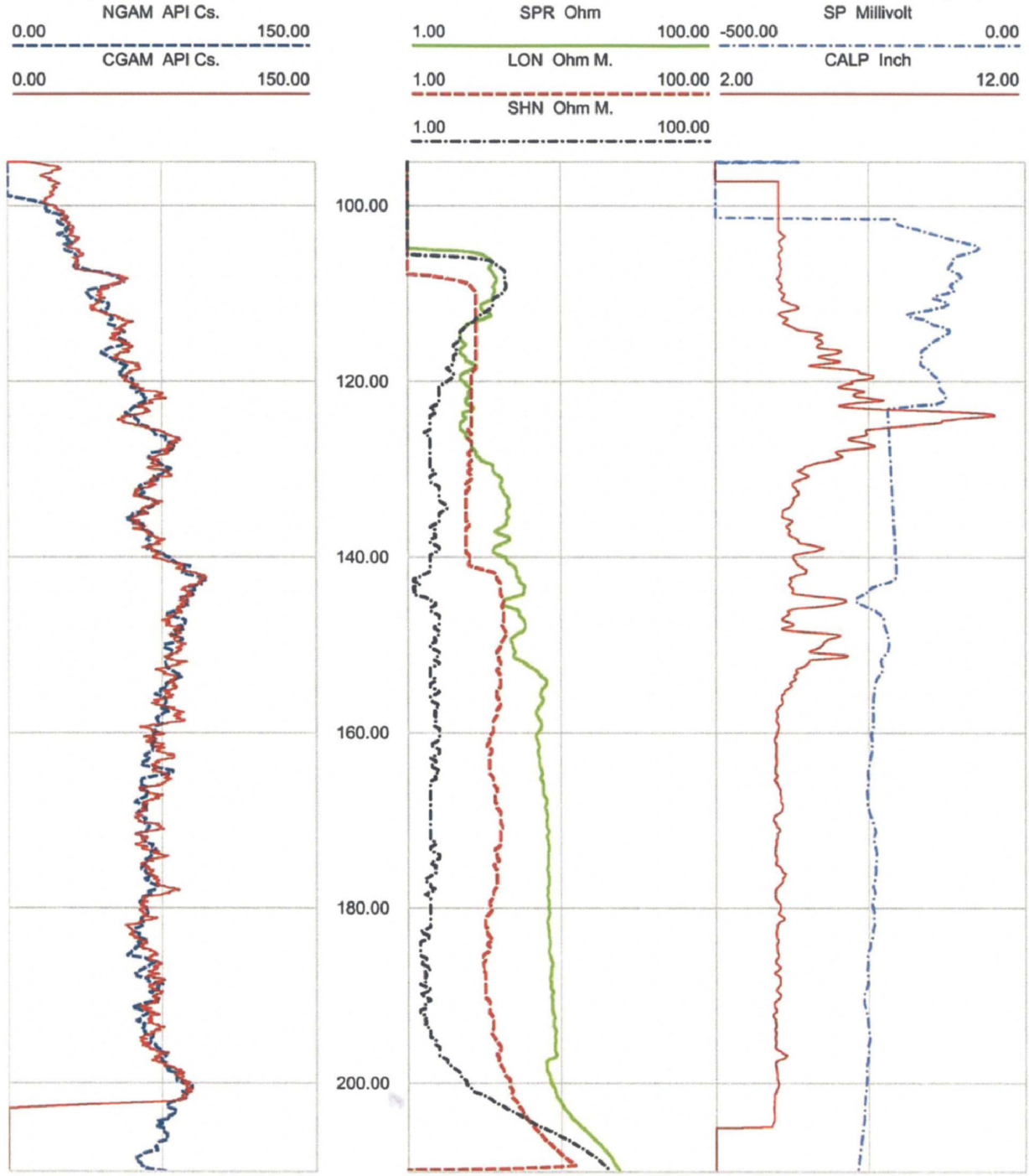
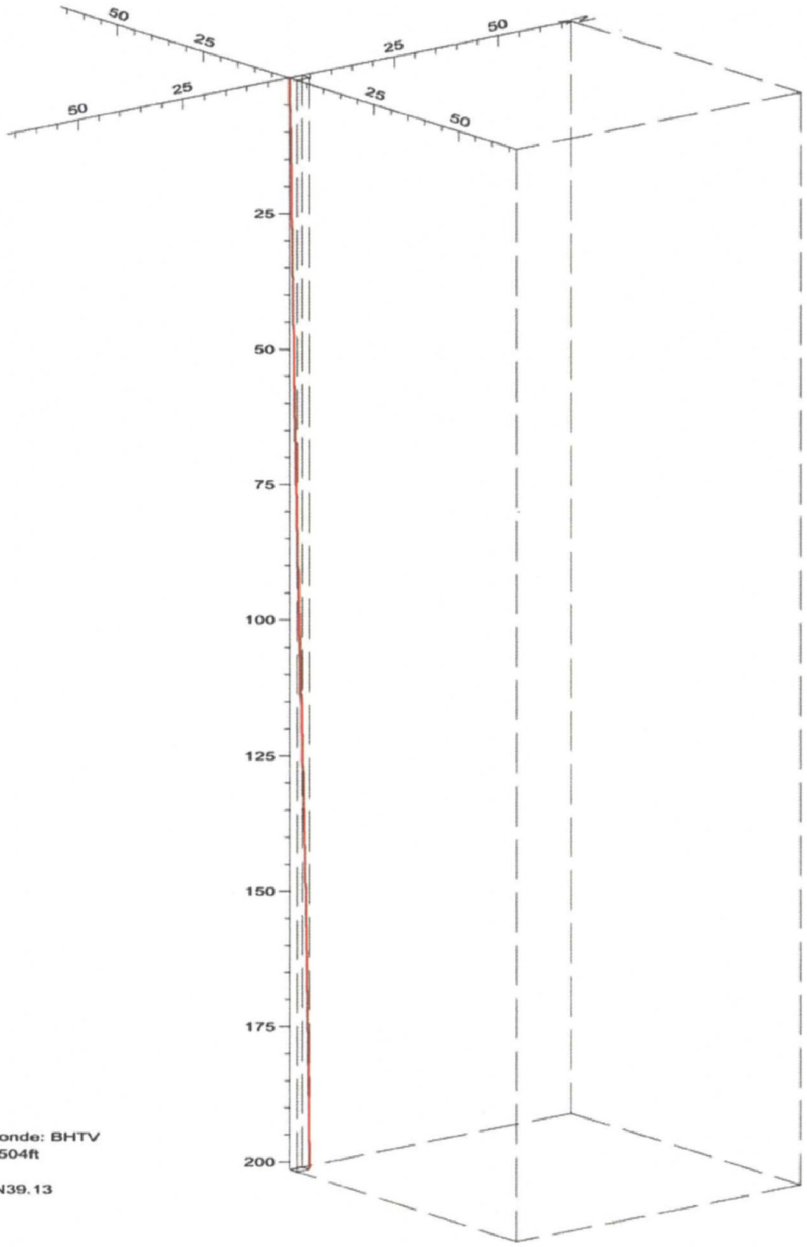


Figure 27. Boring B-620 (DH) lower section, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N129



Borehole: B-620 DH Sonde: BHTV
Zone from: 0.000 to 201.504ft
North ref is true
Mean deviation: 1.05 to N39.13
End coordinates .....
North: 2.851
East : 2.320
Down : 201.460
Azimuth of end: N39.13
Distance start-end: 3.676ft
Viewpoint: N129
Data extrapolated to the surface from 30.000ft

Figure 28. Boring B-620 (DH), Deviation Projection (dimensions in feet)

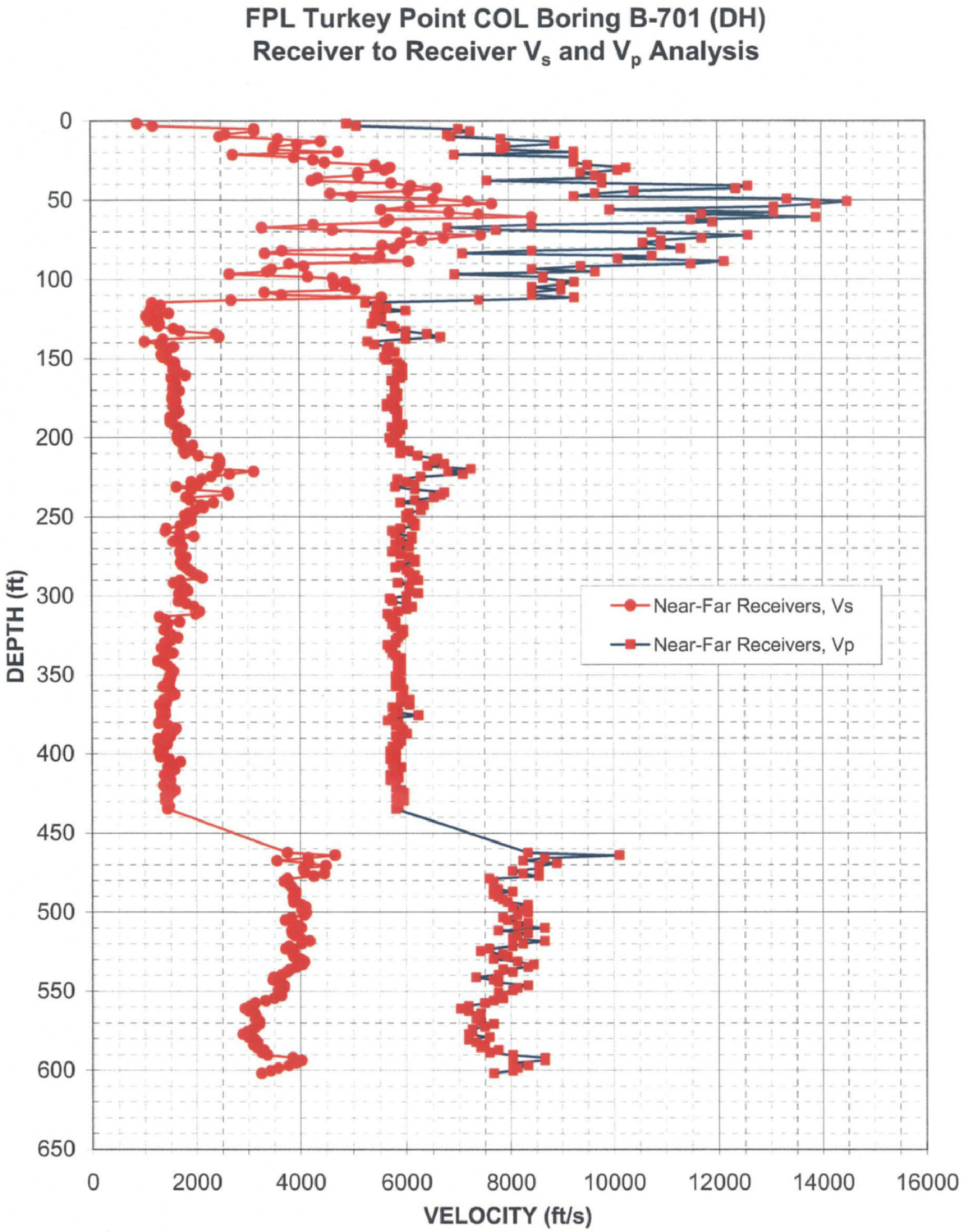


Figure 29: Boring B-701 (DH), Suspension R1-R2 P- and S_H-wave velocities

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
1.6	880	4900
3.3	1180	5090
5.3	3140	7020
6.6	3140	7250
8.5	2580	6800
9.8	2470	6870
11.5	3600	7840
13.1	4420	8890
14.8	3970	8890
16.4	3530	7940
18.0	3510	7840
19.7	4740	9260
21.3	2730	6940
23.0	3910	9260
24.6	4270	9260
26.3	4490	9260
27.9	5440	9520
29.5	5720	10260
31.2	5630	10100
32.8	5130	9390
34.5	5130	9660
36.1	4360	9800
37.7	4250	7580
39.4	5750	9800
41.0	6120	12580
42.7	6600	12350
44.3	6060	10420
45.9	4600	9660
47.6	4990	9260
49.2	6540	13330
50.9	7210	14490
52.5	7660	13890
54.1	6090	13070
56.1	5560	9950
57.7	6840	13070
59.1	7410	11700
60.7	8440	13890
62.3	5700	11490
64.0	5630	11900
65.6	4270	8440
67.3	3280	6800
68.9	4630	7750
70.5	6030	10750
72.2	7450	12580
73.8	6730	11700
75.5	6320	10930
77.1	5930	10580
78.7	5580	10930
80.4	5800	11300
82.0	3670	8440
83.7	3340	7090
85.3	5530	10750
86.9	5070	10100
88.6	6060	12120
90.2	3810	11490
91.9	4090	9390
93.5	3470	8440
95.1	3380	9660
96.8	2660	6940
98.4	4170	8660
99.4	4630	8660
101.7	4870	9260
103.4	4660	9010
105.0	4900	8440
106.6	5050	9010
108.3	3330	8440
109.9	3660	8440
111.6	5560	9260
113.2	2690	7410
114.8	1160	5250
116.5	1320	5460
118.4	1140	5650
119.8	1130	6010
121.4	1480	5460
123.4	1040	5420
124.7	1280	5560
126.3	1090	5460
128.0	1300	5380
129.6	1270	5750
131.2	1570	5800
132.9	1700	6010
134.5	2380	6410
136.5	2450	6670
137.8	1370	6010
139.4	1010	5290
141.1	1310	5420
142.7	1570	5700
144.4	1460	5650
146.0	1430	5800
147.6	1340	5650
149.3	1370	5600
150.9	1470	5650
152.6	1590	5850
154.2	1560	5900
155.8	1600	5950
157.5	1560	5950
159.1	1680	5850
160.8	1800	5950
162.4	1530	5900
164.0	1570	5750
165.7	1610	5800
167.3	1560	5800
169.0	1560	5800
170.6	1680	5800
172.2	1570	5850
173.9	1550	5850
175.5	1540	5750
177.2	1610	5800
178.8	1600	5650
180.5	1560	5650
182.1	1600	5800
183.7	1670	5850
185.4	1610	5850
187.0	1500	5850
189.0	1500	5850
190.3	1510	5850
191.9	1570	5950
193.6	1650	5750
195.2	1750	5900
196.9	1800	5850
198.5	1640	5800
200.1	1630	5700
201.8	1670	5800
203.4	1720	5750
205.1	1940	5900
206.7	1920	5900
208.3	1760	6060
210.0	1790	5900
211.6	2040	6230
213.3	2430	6600
214.9	2460	6540
216.5	2460	6730
218.2	2400	6410
219.8	2420	7250
221.5	3120	6800
223.1	2650	7090
224.7	2290	6290
226.4	2120	5850
228.0	1910	6010
229.7	2030	6170
231.3	1610	5800
232.9	1910	6170
234.6	2600	6730
236.2	2620	6670
237.9	1800	6540
239.5	1880	6170
241.1	2340	5900
242.8	2100	6350
244.4	2140	6290
246.1	1970	6290

Table 11. Boring B-701 (DH), Suspension R1-R2 depths and P- and S_H-wave velocities

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
247.7	1860	6060
249.3	1770	6010
251.0	1850	6010
252.6	1900	6120
254.3	1780	6170
255.9	1690	6170
257.6	1420	5900
259.2	1400	5750
260.8	1680	5800
262.5	1960	6120
264.1	1690	6120
265.8	1550	5900
267.4	1700	5800
269.0	1740	6060
270.7	1710	5850
272.3	1680	5750
274.0	1700	5900
275.6	1800	6060
277.2	1760	6170
278.9	1700	6170
280.5	1730	5900
282.2	1800	5800
283.8	1860	6010
285.4	1930	6060
287.1	2030	6170
288.7	2120	6120
290.4	1690	6230
292.0	1560	5850
293.6	1720	6060
295.3	1790	6060
296.9	1830	6060
298.6	1660	6230
300.2	1680	6010
301.8	1720	5700
303.5	1650	5750
305.1	1800	6010
306.8	1950	6120
308.4	1970	6010
310.0	2060	5850
311.7	1980	5650
313.3	1290	5700
315.0	1390	5750
316.6	1680	5800
318.2	1440	5750
319.9	1420	5800
321.5	1370	5950
323.2	1460	5950
324.8	1520	5900
326.4	1630	5850
328.1	1510	5800

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
329.7	1380	5800
331.4	1410	5650
333.0	1320	5700
334.7	1440	5750
336.3	1540	5750
337.9	1390	5800
339.6	1330	5900
341.2	1250	5900
342.9	1370	5850
344.5	1440	5850
346.1	1510	5900
347.8	1550	5900
349.4	1520	5850
351.1	1470	5800
352.7	1490	5850
354.3	1440	5900
356.0	1470	5800
357.6	1350	5800
359.3	1460	5950
360.9	1530	5950
362.5	1570	5950
364.2	1460	5900
365.8	1360	6060
367.5	1410	5900
369.1	1290	6060
370.7	1370	5750
372.4	1380	5800
374.0	1320	5850
375.7	1380	6230
377.3	1320	5750
378.9	1310	5650
380.6	1270	5850
382.2	1450	5800
383.9	1590	5900
385.5	1560	5950
387.1	1420	6010
388.8	1490	5800
390.4	1260	5850
392.1	1250	5900
393.7	1430	5850
395.3	1300	5750
397.0	1350	5800
398.6	1270	5700
400.3	1350	5800
401.9	1300	5800
403.5	1470	5800
403.5	1460	5700
405.2	1680	5750
406.8	1520	5750
408.5	1440	5900

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
410.1	1560	5850
411.8	1500	5800
413.4	1370	5700
415.0	1420	5850
416.7	1490	5700
418.3	1390	5800
420.0	1360	5800
421.6	1520	5800
423.2	1570	5900
424.9	1510	5950
426.5	1390	5850
428.2	1440	5900
428.2	1410	5800
429.8	1390	5950
433.1	1470	5850
434.7	1430	5800
462.6	3750	8330
464.2	4650	10100
465.9	4140	8660
467.5	3550	8230
469.2	4150	8890
470.8	4470	8550
472.4	4050	8550
474.1	4070	8030
475.7	4440	8230
477.4	4250	8550
479.0	3750	7580
480.6	3680	7660
482.3	3770	7660
483.9	3810	7660
485.6	3850	7750
487.2	3900	8030
488.9	3900	7660
490.5	3850	7750
492.1	3890	7840
493.8	3860	7940
495.4	4000	8330
497.1	4090	8030
498.7	4020	8230
500.3	4100	8330
502.0	4070	8130
503.6	3820	7840
505.3	3700	7940
506.9	3840	8330
508.5	3970	8130
510.2	4000	8660
511.8	3820	7750
513.5	3830	8330
515.1	3900	8130
516.7	3990	8030

Table 11, continued. Boring B-701 (DH), Suspension R1-R2 depths and P- and S_H-wave velocities

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
518.4	4170	8660
520.0	4020	8230
521.7	3780	8030
523.3	3710	7580
524.9	3860	7410
526.6	3840	7840
528.2	3860	7940
529.9	3990	7660
531.5	4070	8130
533.1	4030	8440
534.8	3910	8330
536.4	3790	7840
538.1	3730	8030
539.7	3630	7750
541.3	3480	7330
543.0	3460	7660
544.6	3560	7750
546.3	3670	8330
547.9	3670	8130
549.5	3570	8030
551.2	3590	7750
552.8	3620	7840
554.5	3490	7840
556.1	3330	7660
557.7	3120	7490
559.4	3030	7170
561.0	2930	7020
562.7	3000	7170
564.3	3120	7410
565.9	3140	7330
567.6	3120	7330
569.2	3200	7410
570.9	3200	7660
572.5	3140	7490
574.2	3070	7250
575.8	2960	7250
577.4	2890	7170
579.1	2980	7580
580.7	3120	7170
582.4	3160	7330
584.0	3090	7490
585.6	3140	7410
587.3	3280	7750
588.9	3250	7580
590.6	3360	8030
592.2	3840	8660
593.8	4000	8660
595.5	3910	8030
597.1	3770	8330
598.8	3570	8130

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
600.4	3420	8030
602.0	3240	7660

Table 11, continued. Boring B-701 (DH), Suspension R1-R2 depths and P- and S_H-wave velocities

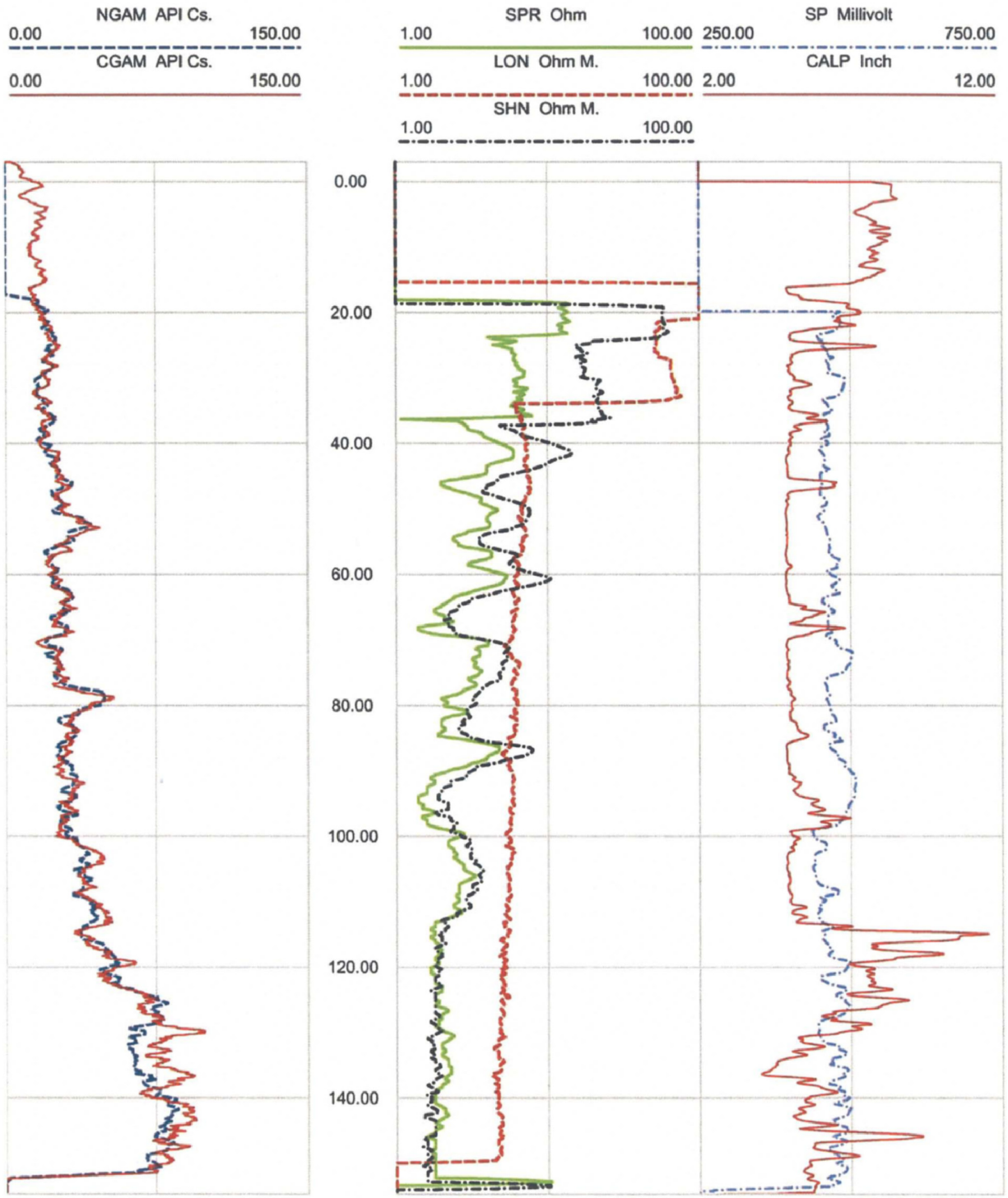


Figure 30. Boring B-701 (DH) upper section, Caliper, Natural gamma, Resistivity and SP logs

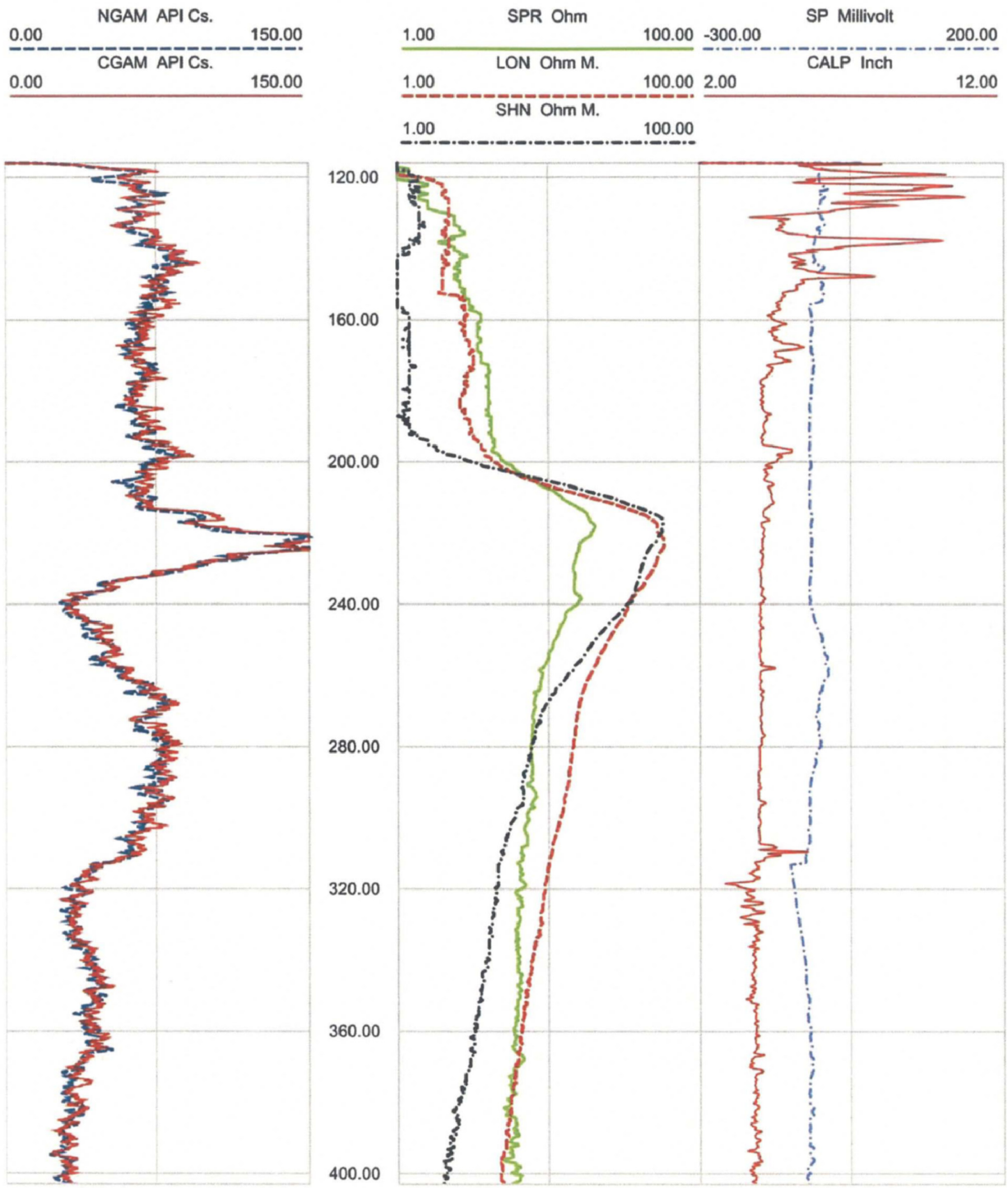


Figure 31. Boring B-701 (DH) upper middle section, Caliper, Natural gamma, Resistivity and SP logs

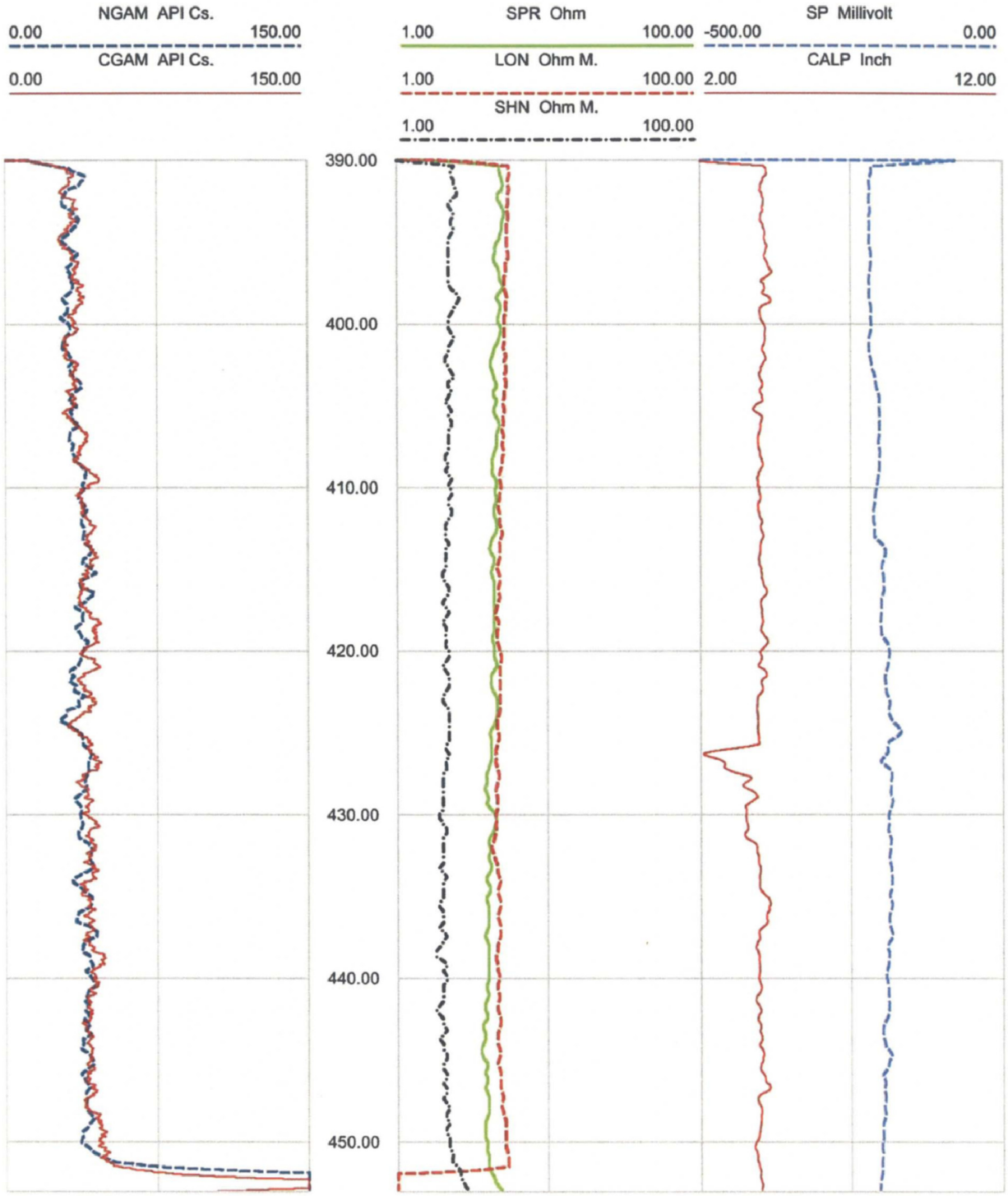


Figure 32. Boring B-701 (DH) lower middle section, Caliper, Natural gamma, Resistivity and SP logs

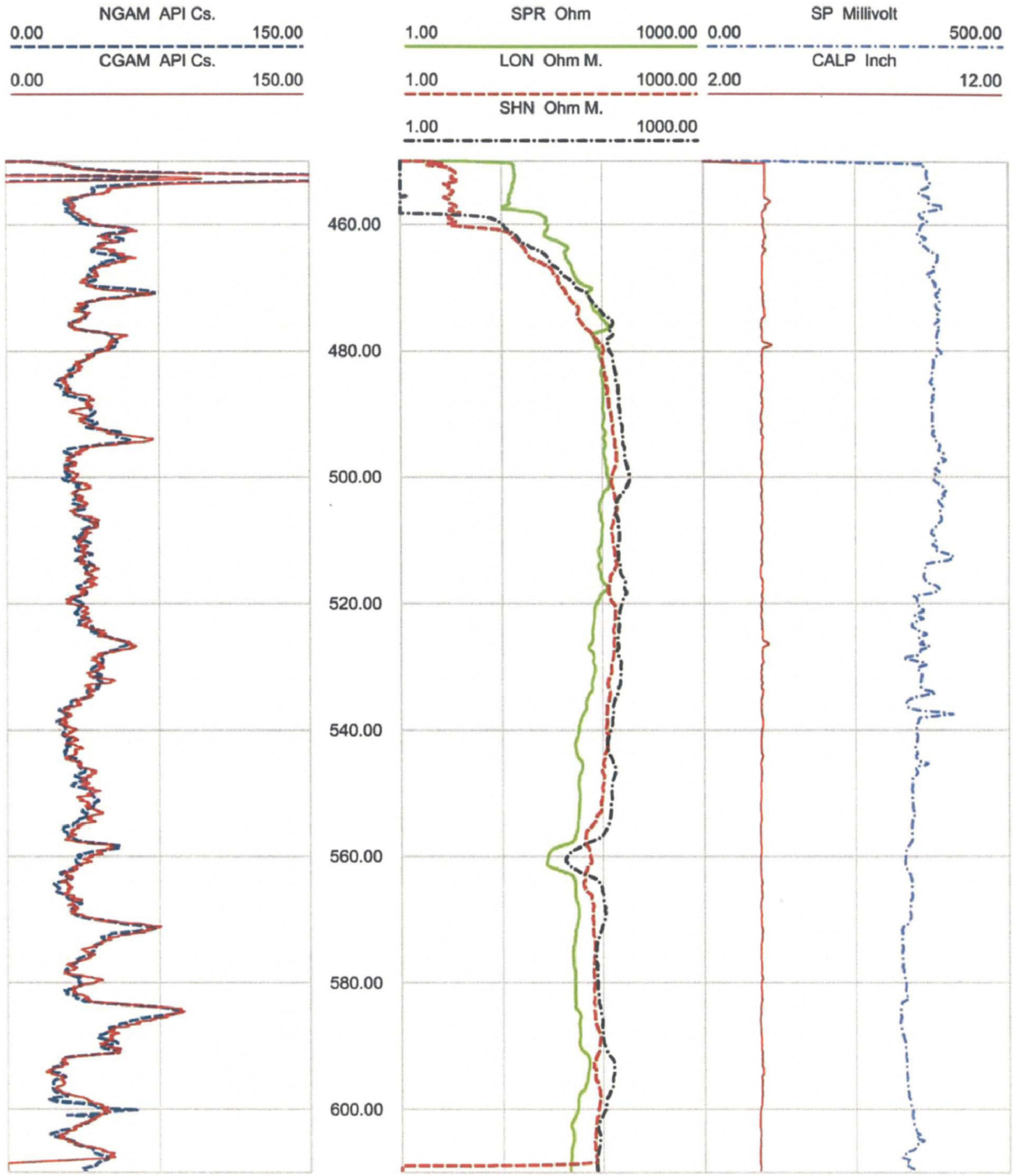
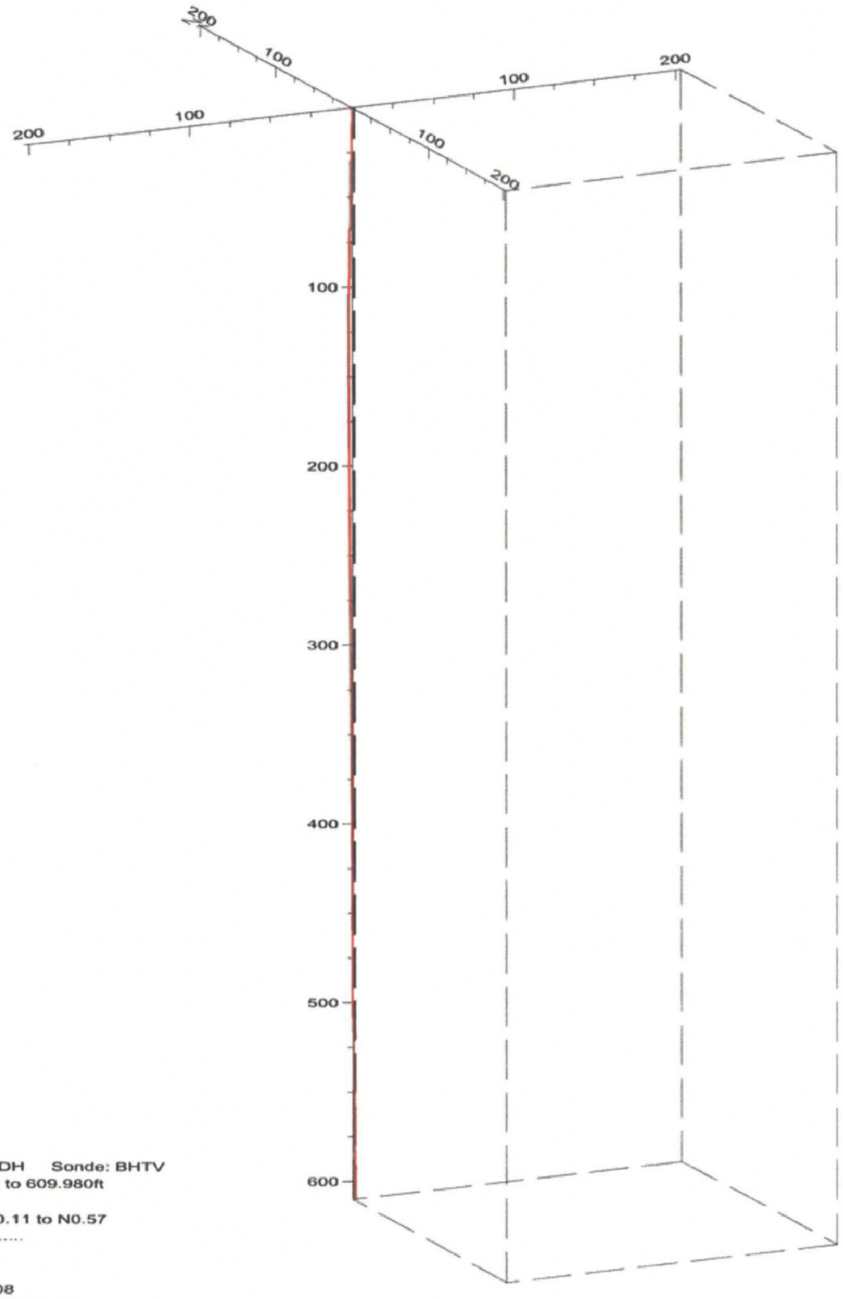


Figure 33. Boring B-701 (DH) lower section, Caliper, Natural gamma, Resistivity and SP logs

Deviated borehole in orthographic projection, viewed from N205



Borehole: B-701 DH Sonde: BHTV
Zone from: 0.000 to 609.980ft
North ref is true
Mean deviation: 0.11 to N0.57
End coordinates .....
North: -0.550
East : 1.154
Down : 609.908
Azimuth of end: N115.47
Distance start-end: 1.278ft
Viewpoint: N205
Data extrapolated to the surface from 0.000ft

Figure 34. Boring B-701 (DH), Deviation Projection (dimensions in feet)

FPL Turkey Point COL Boring B-704 G (DH)
Receiver to Receiver V_s and V_p Analysis

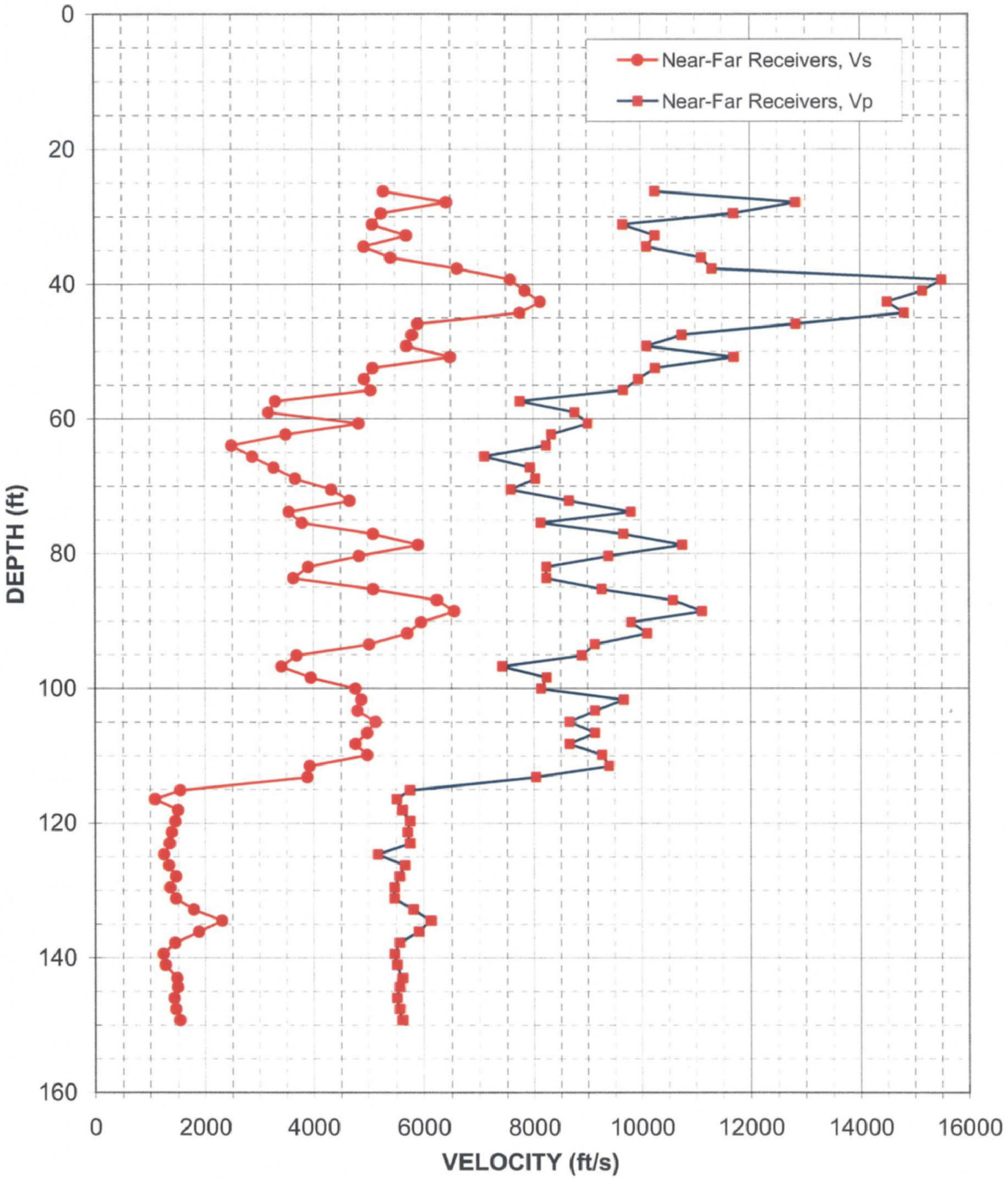


Figure 35: Boring B-704 G (DH), Suspension R1-R2 P- and S_H-wave velocities

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
26.3	5290	10260
27.9	6410	12820
29.5	5250	11700
31.2	5090	9660
32.8	5700	10260
34.5	4940	10100
36.1	5420	11110
37.7	6600	11300
39.4	7580	15500
41.0	7840	15150
42.7	8130	14490
44.3	7750	14810
45.9	5900	12820
47.6	5800	10750
49.2	5700	10100
50.9	6470	11700
52.5	5090	10260
54.1	4940	9950
55.8	5050	9660
57.4	3300	7750
59.1	3170	8770
60.7	4830	9010
62.3	3490	8330
64.0	2490	8230
65.6	2870	7090
67.3	3270	7940
68.9	3660	8030
70.5	4330	7580
72.2	4660	8660
73.8	3550	9800
75.5	3790	8130
77.1	5090	9660
78.7	5900	10750
80.4	4830	9390
82.0	3900	8230
83.7	3620	8230
85.3	5090	9260
86.9	6230	10580
88.6	6540	11110
90.2	5950	9800
91.9	5700	10100
93.5	5010	9130
95.1	3680	8890
96.8	3400	7410
98.4	3940	8230
100.1	4760	8130
101.7	4870	9660
103.4	4800	9130
105.0	5130	8660
106.6	4980	9130

Depth (feet)	V_s (feet/sec)	V_p (feet/sec)
108.3	4760	8660
109.9	4980	9260
111.6	3920	9390
113.2	3880	8030
115.2	1530	5750
116.5	1070	5510
118.1	1490	5600
119.8	1440	5750
121.4	1370	5700
123.0	1330	5750
124.7	1230	5170
126.3	1320	5650
128.0	1450	5560
129.6	1340	5460
131.2	1450	5460
132.9	1770	5800
134.5	2300	6120
136.2	1870	5900
137.8	1430	5560
139.4	1220	5460
141.1	1260	5510
143.0	1470	5600
144.4	1480	5560
146.0	1420	5510
147.6	1450	5560
149.3	1520	5600

Table 12. Boring B-704 G (DH), Suspension R1-R2 depths and P- and S_H-wave velocities

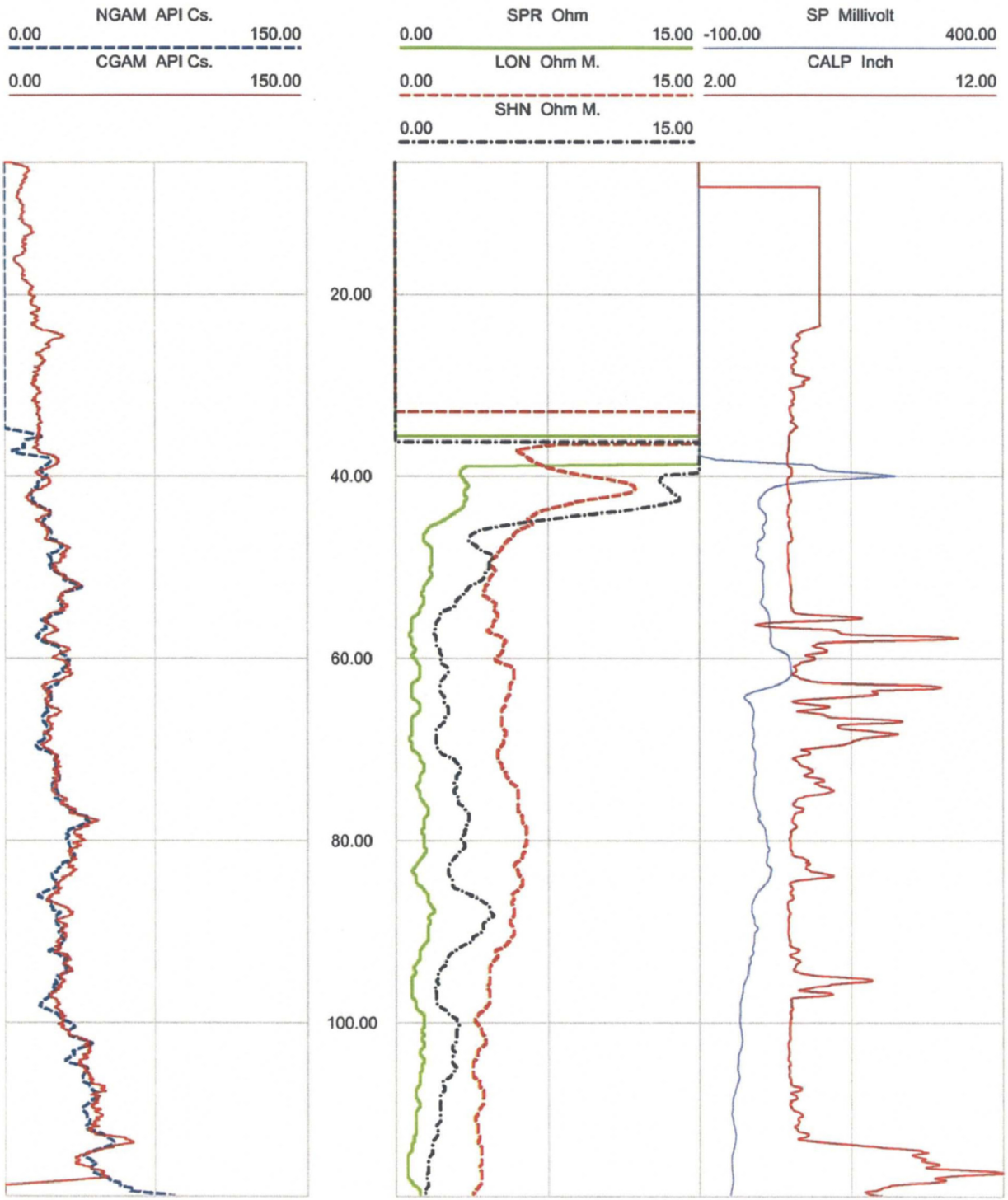


Figure 36. Boring B-704 G (DH) upper section, Caliper, Natural gamma, Resistivity and SP logs