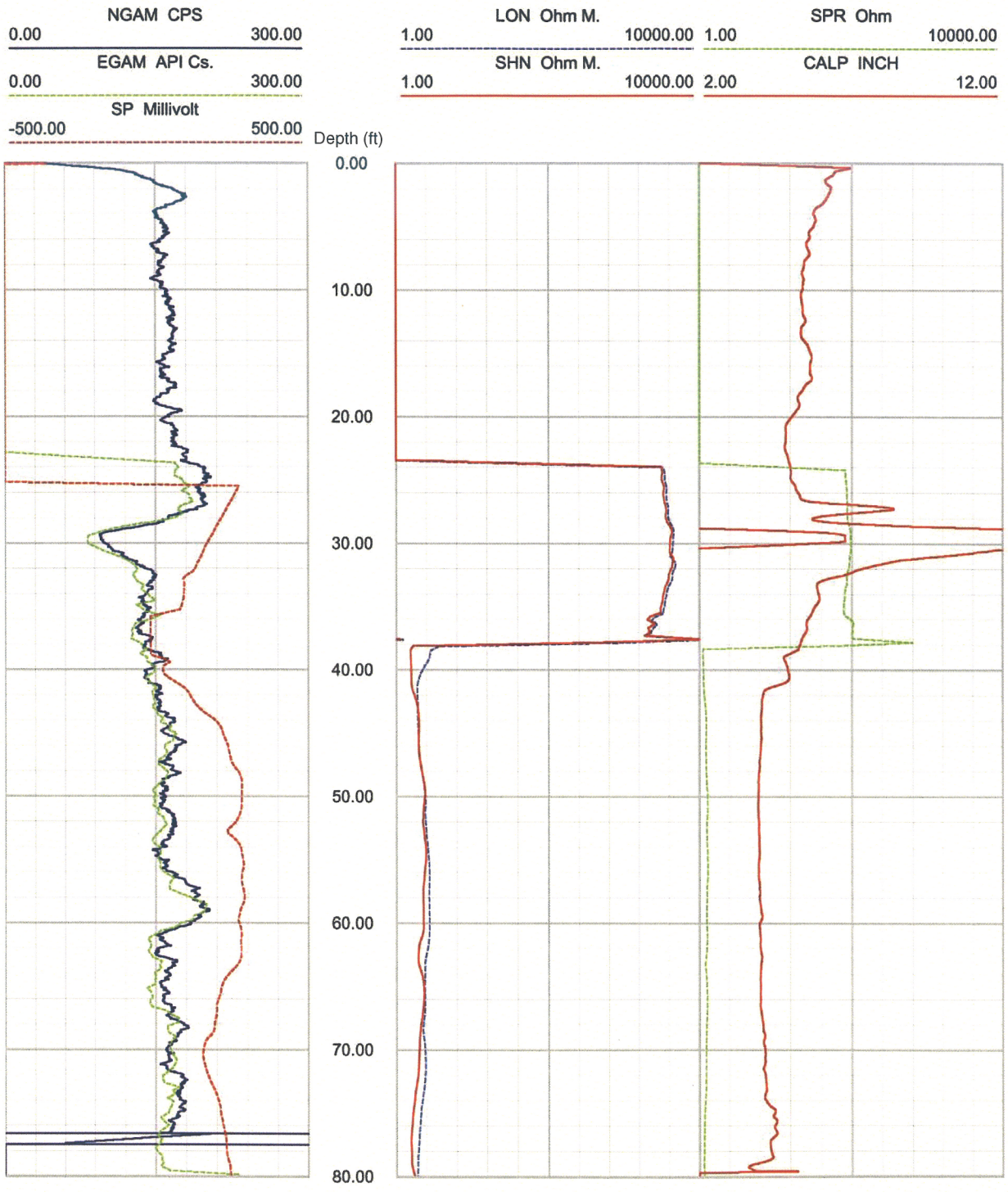

Figure 12. Boring B-907, Top Section, Caliper, Natural gamma, Resistivity and SP logs

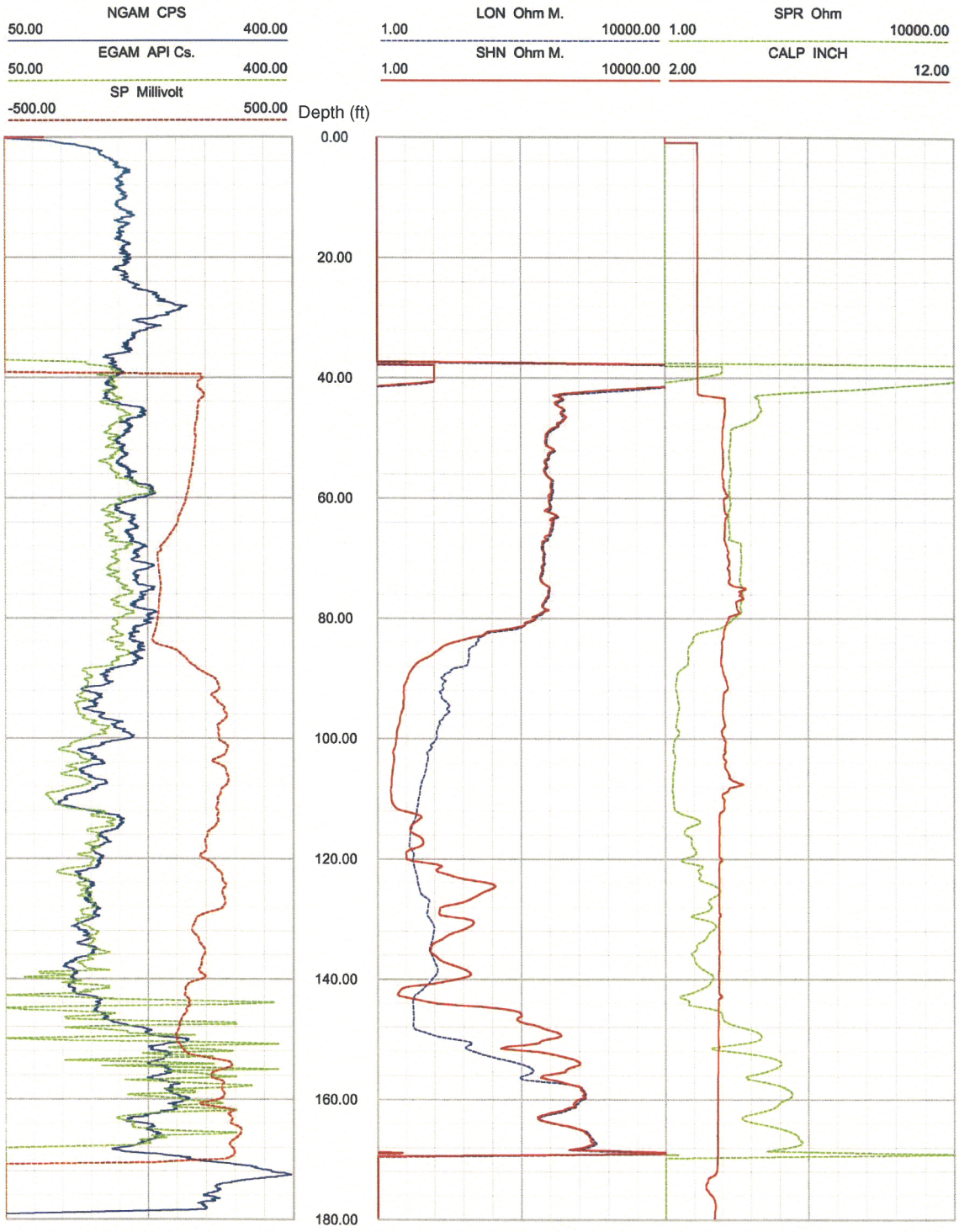

Figure 13. Boring B-907, Bottom Section, Caliper, Natural gamma, Resistivity and SP logs

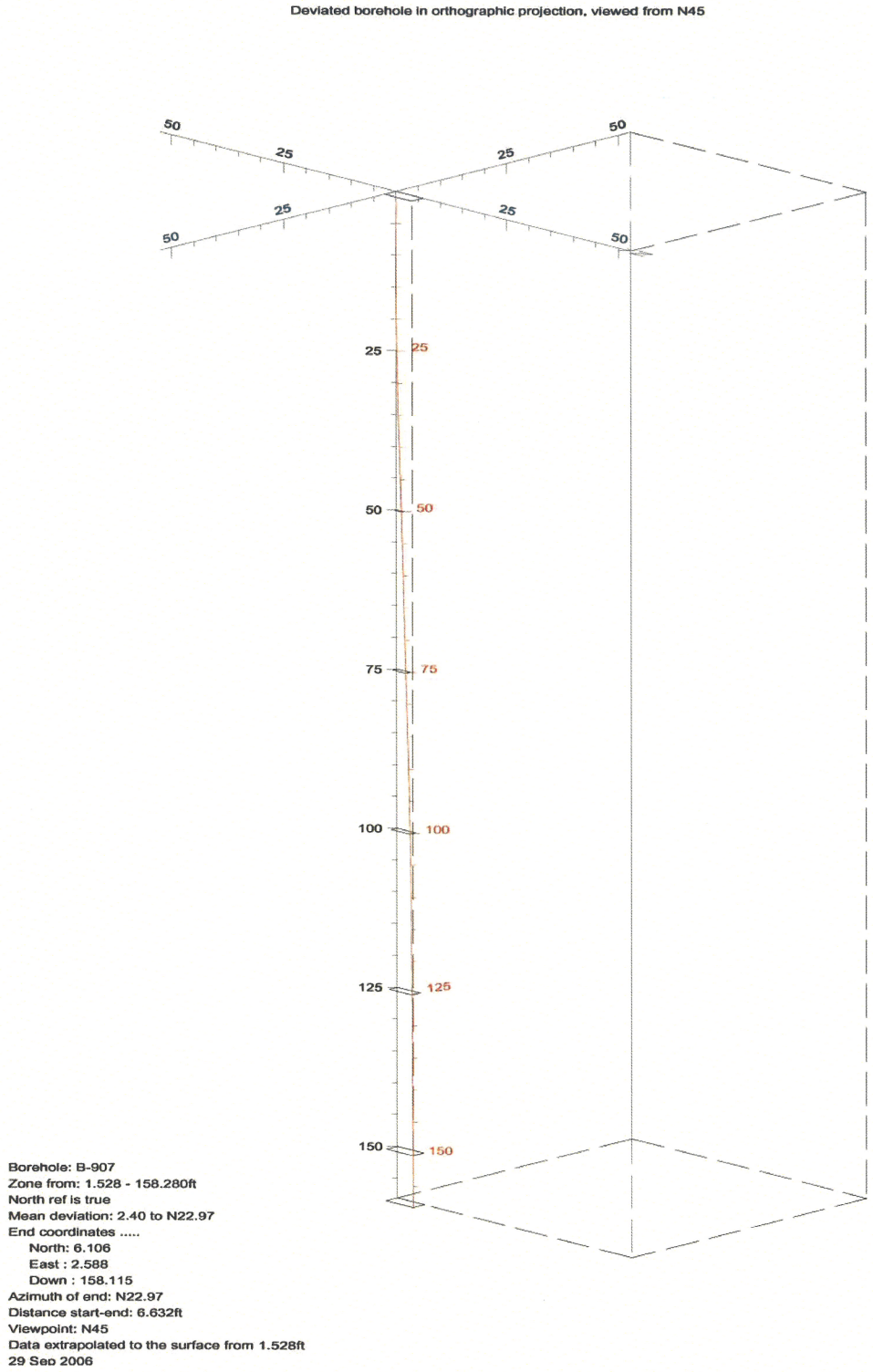

Figure 14. Boring B-907, Deviation Projection (dimensions in feet)

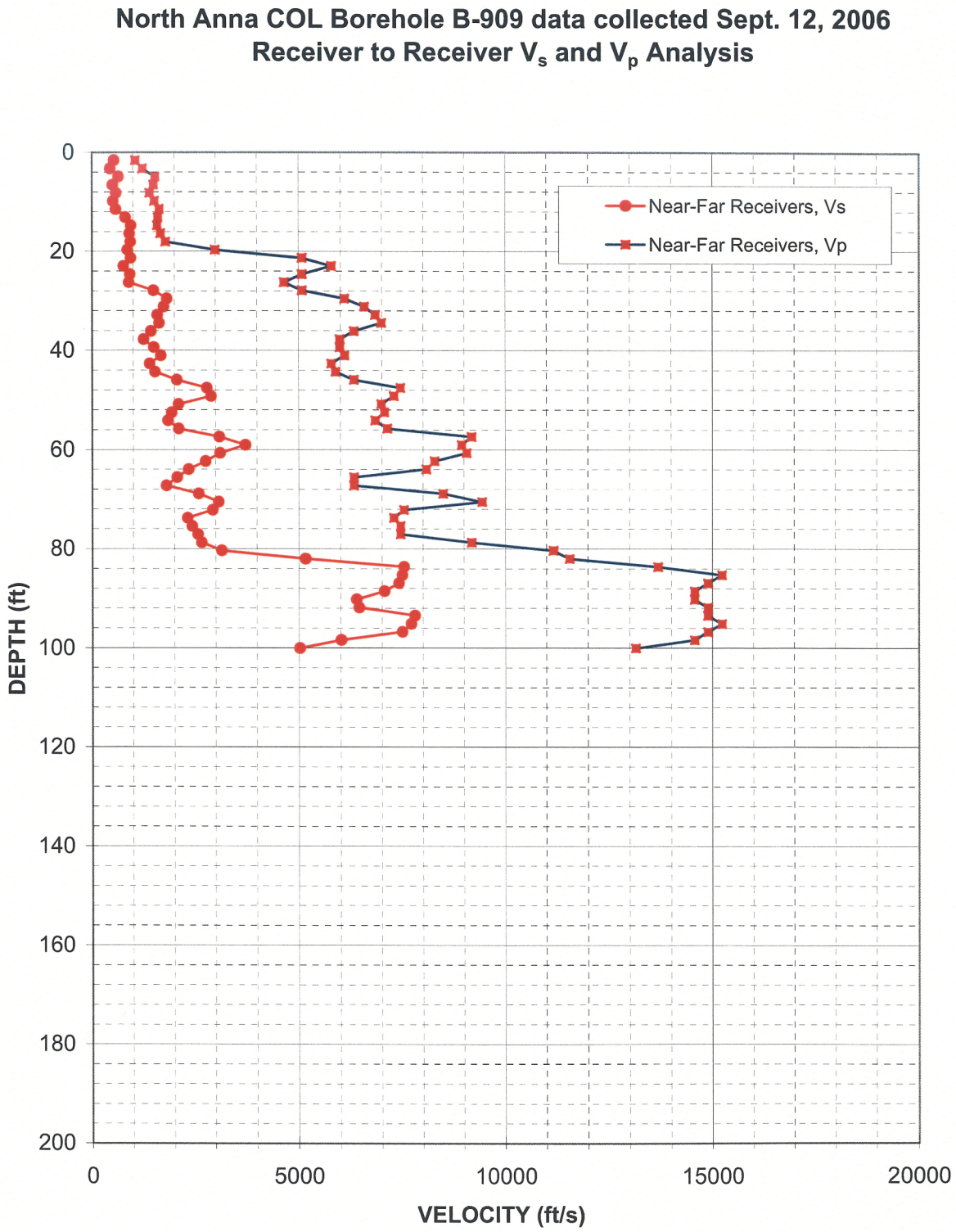

Figure 15. Boring B-909, Top Section, Suspension R1-R2 P- and S_H-wave velocities

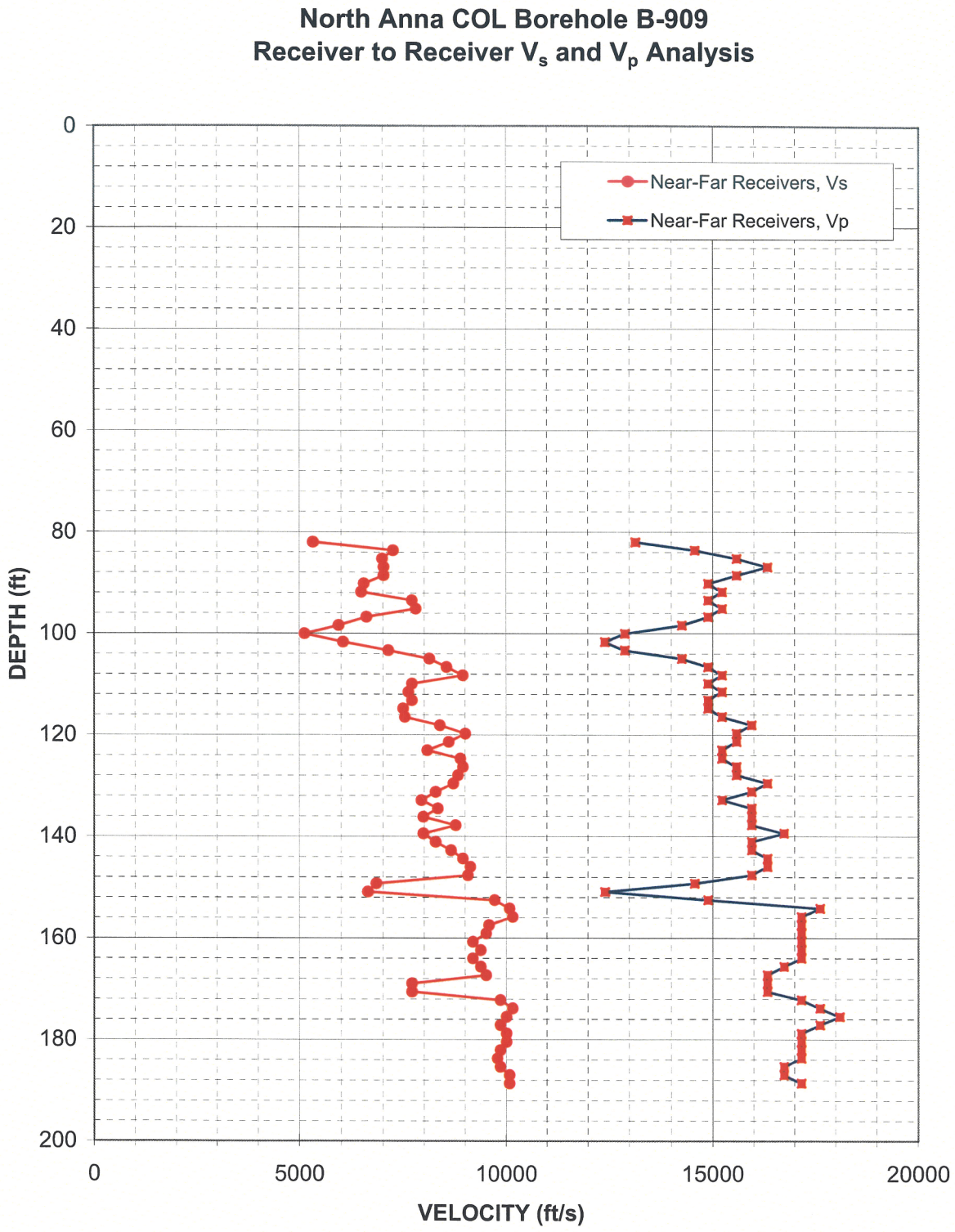

Figure 16. Boring B-909, Bottom Section, Suspension R1-R2 P- and S_H-wave velocities

Table 9. Boring B-909, Top Section, Suspension R1-R2 depths and P- and S_H-wave velocities

Summary of Compressional Wave Velocity, Shear Wave Velocity, and Poisson's Ratio Based on Receiver-to-Receiver Travel Time Data - Borehole B-909

American Units			
Depth at Midpoint Between Receivers	Velocity		Poisson's Ratio
	V_s	V_p	
(ft)	(ft/s)	(ft/s)	
1.6	520	1050	0.33
3.3	430	1220	0.43
4.9	630	1520	0.40
6.6	490	1490	0.44
8.2	570	1400	0.40
9.8	500	1510	0.44
11.5	570	1630	0.43
13.1	800	1600	0.33
14.8	940	1580	0.23
16.4	900	1660	0.29
18.0	920	1780	0.32
19.7	850	2990	0.46
21.3	930	5080	0.48
23.0	760	5780	0.49
24.6	910	5080	0.48
26.3	890	4650	0.48
27.9	1490	5080	0.45
29.5	1810	6090	0.45
31.2	1740	6570	0.46
32.8	1580	6840	0.47
34.5	1630	6980	0.47
36.1	1430	6320	0.47
37.7	1250	5980	0.48
39.4	1500	5980	0.47
41.0	1670	6090	0.46
42.7	1400	5780	0.47
44.3	1520	5880	0.46
45.9	2060	6320	0.44
47.6	2790	7440	0.42
49.2	2890	7280	0.41
50.9	2090	6980	0.45
52.5	1930	7050	0.46
54.1	1840	6840	0.46
55.8	2100	7130	0.45
57.4	3090	9180	0.44

Metric Units			
Depth at Midpoint Between Receivers	Velocity		Poisson's Ratio
	V_s	V_p	
(m)	(m/s)	(m/s)	
0.5	160	320	0.33
1.0	130	370	0.43
1.5	190	460	0.40
2.0	150	450	0.44
2.5	170	430	0.40
3.0	150	460	0.44
3.5	170	500	0.43
4.0	240	490	0.33
4.5	290	480	0.23
5.0	270	510	0.29
5.5	280	540	0.32
6.0	260	910	0.46
6.5	280	1550	0.48
7.0	230	1760	0.49
7.5	280	1550	0.48
8.0	270	1420	0.48
8.5	450	1550	0.45
9.0	550	1860	0.45
9.5	530	2000	0.46
10.0	480	2080	0.47
10.5	500	2130	0.47
11.0	430	1930	0.47
11.5	380	1820	0.48
12.0	460	1820	0.47
12.5	510	1860	0.46
13.0	430	1760	0.47
13.5	460	1790	0.46
14.0	630	1930	0.44
14.5	850	2270	0.42
15.0	880	2220	0.41
15.5	640	2130	0.45
16.0	590	2150	0.46
16.5	560	2080	0.46
17.0	640	2170	0.45
17.5	940	2800	0.44

Summary of Compressional Wave Velocity, Shear Wave Velocity, and Poisson's Ratio Based on Receiver-to-Receiver Travel Time Data - Borehole B-909

American Units			
Depth at Midpoint Between Receivers	Velocity		Poisson's Ratio
	V_s	V_p	
(ft)	(ft/s)	(ft/s)	
59.1	3720	8930	0.39
60.7	3110	9050	0.43
62.3	2760	8270	0.44
64.0	2340	8070	0.45
65.6	2060	6320	0.44
67.3	1800	6320	0.46
68.9	2590	8480	0.45
70.5	3070	9440	0.44
72.2	2930	7530	0.41
73.8	2320	7280	0.44
75.5	2430	7440	0.44
77.1	2570	7440	0.43
78.7	2660	9180	0.45
80.4	3150	11170	0.46
82.0	5150	11550	0.38
83.7	7530	13670	0.28
85.3	7490	15230	0.34
86.9	7400	14890	0.34
88.6	7050	14570	0.35
90.2	6380	14570	0.38
91.9	6440	14890	0.38
93.5	7790	14890	0.31
95.1	7700	15230	0.33
96.8	7490	14890	0.33
98.4	6010	14570	0.40
100.1	5020	13140	0.41

Metric Units			
Depth at Midpoint Between Receivers	Velocity		Poisson's Ratio
	V_s	V_p	
(m)	(m/s)	(m/s)	
18.0	1130	2720	0.39
18.5	950	2760	0.43
19.0	840	2520	0.44
19.5	710	2460	0.45
20.0	630	1930	0.44
20.5	550	1930	0.46
21.0	790	2590	0.45
21.5	940	2880	0.44
22.0	890	2290	0.41
22.5	710	2220	0.44
23.0	740	2270	0.44
23.5	780	2270	0.43
24.0	810	2800	0.45
24.5	960	3400	0.46
25.0	1570	3520	0.38
25.5	2290	4170	0.28
26.0	2280	4640	0.34
26.5	2260	4540	0.34
27.0	2150	4440	0.35
27.5	1940	4440	0.38
28.0	1960	4540	0.38
28.5	2370	4540	0.31
29.0	2350	4640	0.33
29.5	2280	4540	0.33
30.0	1830	4440	0.40
30.5	1530	4000	0.41

Notes: "-" means no data available at that particular interval of depth.

Table 10. Boring B-909, Bottom Section, Suspension R1-R2 depths and P- and S_H-wave velocities

Summary of Compressional Wave Velocity, Shear Wave Velocity, and Poisson's Ratio Based on Receiver-to-Receiver Travel Time Data - Borehole B-909

American Units			
Depth at Midpoint Between Receivers	Velocity		Poisson's Ratio
	V_s	V_p	
(ft)	(ft/s)	(ft/s)	
82.0	5310	13120	0.40
83.7	7240	14550	0.34
85.3	6970	15570	0.37
86.9	7010	16330	0.39
88.6	7010	15570	0.37
90.2	6530	14870	0.38
91.9	6470	15210	0.39
93.5	7690	14870	0.32
95.1	7780	15210	0.32
96.8	6590	14870	0.38
98.4	5920	14240	0.40
100.1	5110	12870	0.41
101.7	6030	12400	0.34
103.4	7120	12870	0.28
105.0	8110	14240	0.26
106.6	8530	14870	0.26
108.3	8920	15210	0.24
109.9	7690	14870	0.32
111.6	7610	15210	0.33
113.2	7690	14870	0.32
114.8	7480	14870	0.33
116.5	7520	15210	0.34
118.1	8370	15940	0.31
119.8	8980	15570	0.25
121.4	8580	15570	0.28
123.0	8060	15210	0.30
124.7	8870	15210	0.24
126.3	8920	15570	0.26
128.0	8810	15570	0.26
129.6	8690	16330	0.30
131.2	8260	15940	0.32
132.9	7920	15210	0.31
134.5	8310	15940	0.31
136.2	7970	15940	0.33
137.8	8750	15940	0.28

Metric Units			
Depth at Midpoint Between Receivers	Velocity		Poisson's Ratio
	V_s	V_p	
(m)	(m/s)	(m/s)	
25.0	1620	4000	0.40
25.5	2210	4440	0.34
26.0	2130	4740	0.37
26.5	2140	4980	0.39
27.0	2140	4740	0.37
27.5	1990	4530	0.38
28.0	1970	4640	0.39
28.5	2340	4530	0.32
29.0	2370	4640	0.32
29.5	2010	4530	0.38
30.0	1810	4340	0.40
30.5	1560	3920	0.41
31.0	1840	3780	0.34
31.5	2170	3920	0.28
32.0	2470	4340	0.26
32.5	2600	4530	0.26
33.0	2720	4640	0.24
33.5	2340	4530	0.32
34.0	2320	4640	0.33
34.5	2340	4530	0.32
35.0	2280	4530	0.33
35.5	2290	4640	0.34
36.0	2550	4860	0.31
36.5	2740	4740	0.25
37.0	2620	4740	0.28
37.5	2460	4640	0.30
38.0	2700	4640	0.24
38.5	2720	4740	0.26
39.0	2680	4740	0.26
39.5	2650	4980	0.30
40.0	2520	4860	0.32
40.5	2410	4640	0.31
41.0	2530	4860	0.31
41.5	2430	4860	0.33
42.0	2670	4860	0.28

Summary of Compressional Wave Velocity, Shear Wave Velocity, and Poisson's Ratio Based on Receiver-to-Receiver Travel Time Data - Borehole B-909

American Units			
Depth at Midpoint Between Receivers	Velocity		Poisson's Ratio
	V_s	V_p	
(ft)	(ft/s)	(ft/s)	
139.4	7970	16730	0.35
141.1	8260	15940	0.32
142.7	8640	15940	0.29
144.4	8920	16330	0.29
146.0	9110	16330	0.27
147.6	9050	15940	0.26
149.3	6830	14550	0.36
150.9	6630	12400	0.30
152.6	9700	14870	0.13
154.2	10070	17610	0.26
155.8	10140	17160	0.23
157.5	9560	17160	0.27
159.1	9490	17160	0.28
160.8	9170	17160	0.30
162.4	9360	17160	0.29
164.0	9170	17160	0.30
165.7	9360	16730	0.27
167.3	9490	16330	0.24
169.0	7690	16330	0.36
170.6	7690	16330	0.36
172.2	9840	17160	0.25
173.9	10140	17610	0.25
175.5	9990	18090	0.28
177.2	9840	17610	0.27
178.8	9990	17160	0.24
180.5	9990	17160	0.24
182.1	9840	17160	0.25
183.7	9770	17160	0.26
185.4	9840	16730	0.24
187.0	10070	16730	0.22
188.7	10070	17160	0.24

Metric Units			
Depth at Midpoint Between Receivers	Velocity		Poisson's Ratio
	V_s	V_p	
(m)	(m/s)	(m/s)	
42.5	2430	5100	0.35
43.0	2520	4860	0.32
43.5	2630	4860	0.29
44.0	2720	4980	0.29
44.5	2780	4980	0.27
45.0	2760	4860	0.26
45.5	2080	4440	0.36
46.0	2020	3780	0.30
46.5	2960	4530	0.13
47.0	3070	5370	0.26
47.5	3090	5230	0.23
48.0	2910	5230	0.27
48.5	2890	5230	0.28
49.0	2790	5230	0.30
49.5	2850	5230	0.29
50.0	2790	5230	0.30
50.5	2850	5100	0.27
51.0	2890	4980	0.24
51.5	2340	4980	0.36
52.0	2340	4980	0.36
52.5	3000	5230	0.25
53.0	3090	5370	0.25
53.5	3040	5510	0.28
54.0	3000	5370	0.27
54.5	3040	5230	0.24
55.0	3040	5230	0.24
55.5	3000	5230	0.25
56.0	2980	5230	0.26
56.5	3000	5100	0.24
57.0	3070	5100	0.22
57.5	3070	5230	0.24

Notes: "-" means no data available at that particular interval of depth.

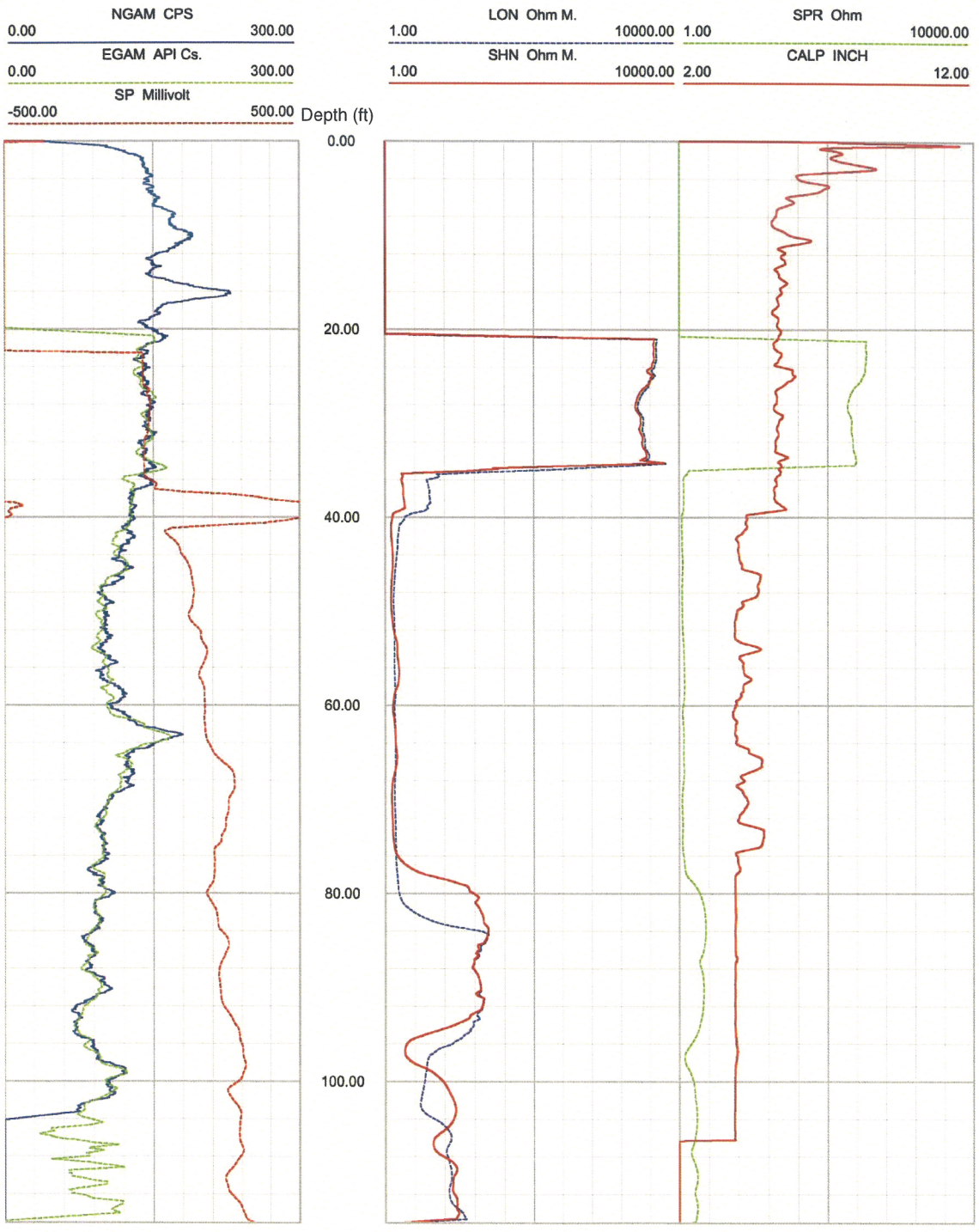

Figure 17. Boring B-909, Top Section, Caliper, Natural gamma, Resistivity and SP logs

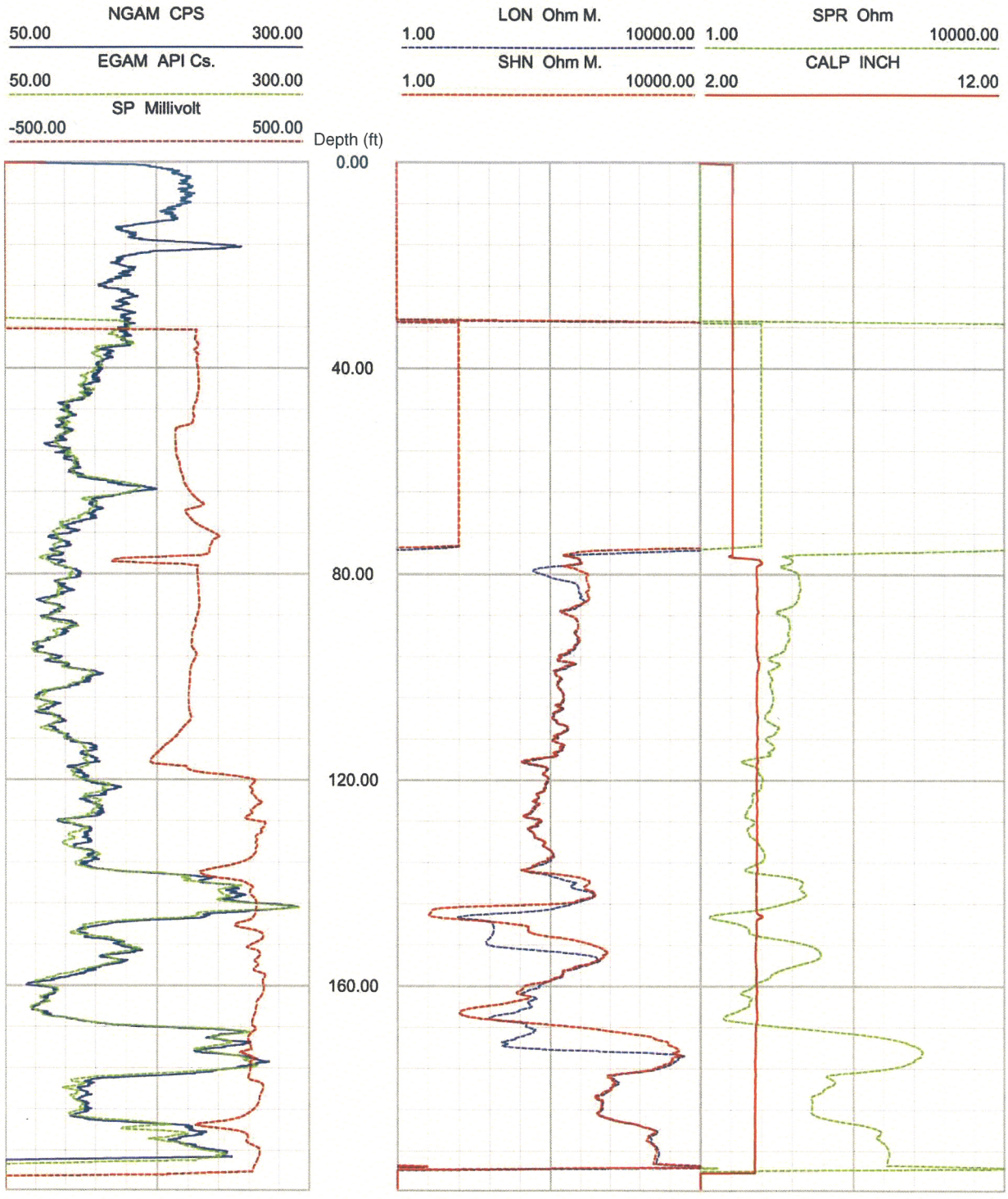

Figure 18. Boring B-909, Bottom Section, Caliper, Natural gamma, Resistivity and SP logs

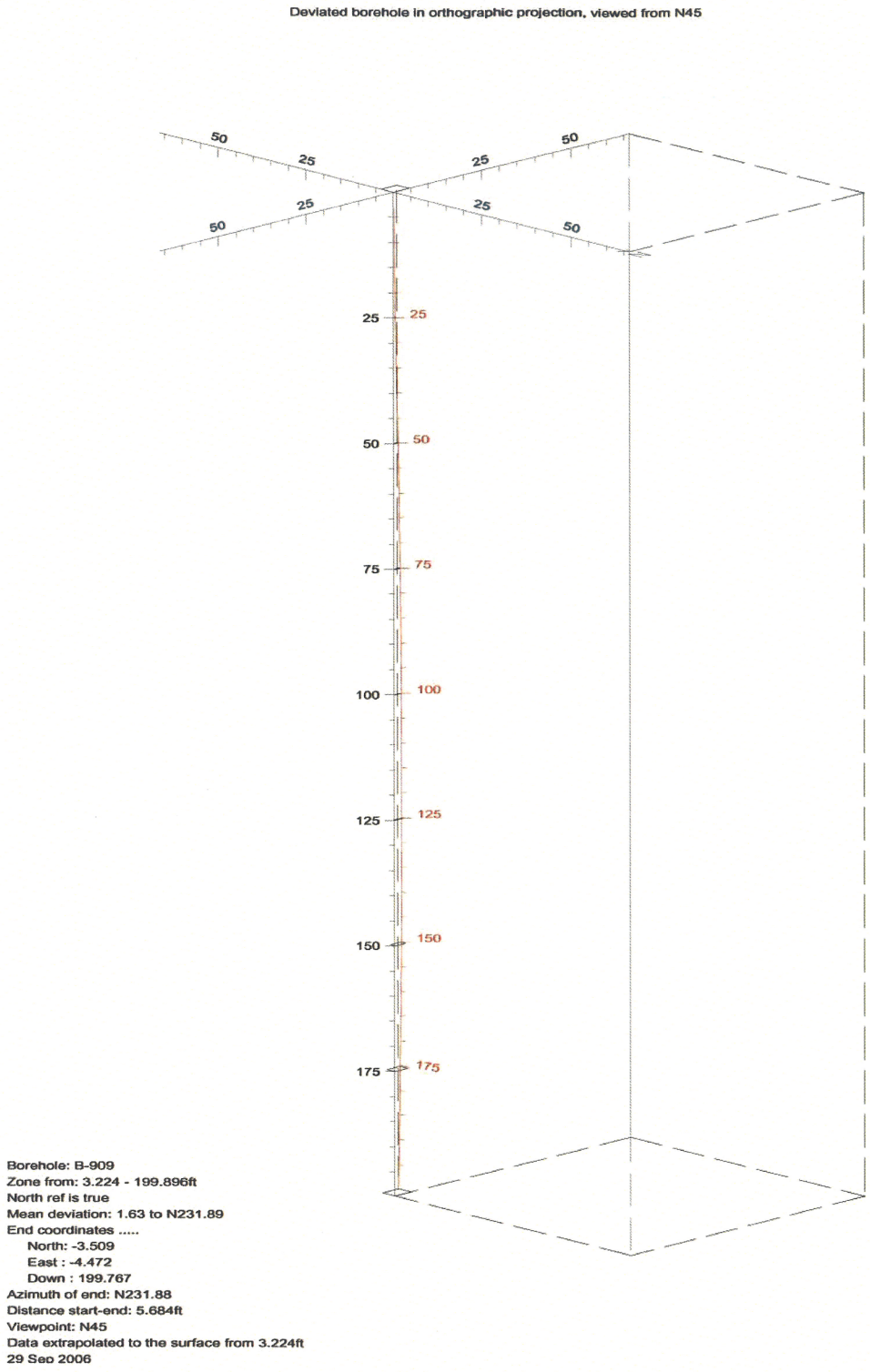

Figure 19. Boring B-909, Deviation Projection (dimensions in feet)