PACIFIC SURVEYS

CALIPER
BOREHOLE VOLUMES

Job No.
14771

Company U.S. GEOLOGICAL SURVEY
Well SDSW
Field CHULA VISTA
County SAN DIEGO State CA

Location:

3066 N. 2nd Ave
GPS: N32*39.547' W117*05.125'

Sec. Twp. Rge.

Other Services:

ELOG
SONIC/VDL
GR/LL3

Permanent Datum	G.L.		Elevation above perm. datum	Elevation
Log Measured From	G.L.	0'		K.B.
Drilling Measured From	G.L.			D.F.
				G.L.

Date	7/20/2009		
Run Number	ONE		
Depth Driller	2000'		
Depth Logger	2003'		
Bottom Logged Interval	2002'		
Top Log Interval	0'		
Casing Driller	N/A		
Casing Logger	N/A		
Bit Size	7 7/8" @ 0-1728'	6 1/4" @ 1728-1821'	6 1/8" @ 1841-2000'
Type Fluid in Hole	BENTONITE		
Density / Viscosity	N/A		
pH / Fluid Loss	N/A		
Source of Sample	PIT		
Rm @ Meas. Temp	4.1 @ 77F		
Rmf @ Meas. Temp	4.5 @ 77F		
Rmc @ Meas. Temp	N/A		
Source of Rmf / Rmc	MEAS		
Rm @ BHT	N/A		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	5:15 PM		
Max. Recorded Temperature	N/A		
Equipment Number	PS-1		
Location	L.A.		
Recorded By	ABREAU		
Witnessed By	A. BROWN		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

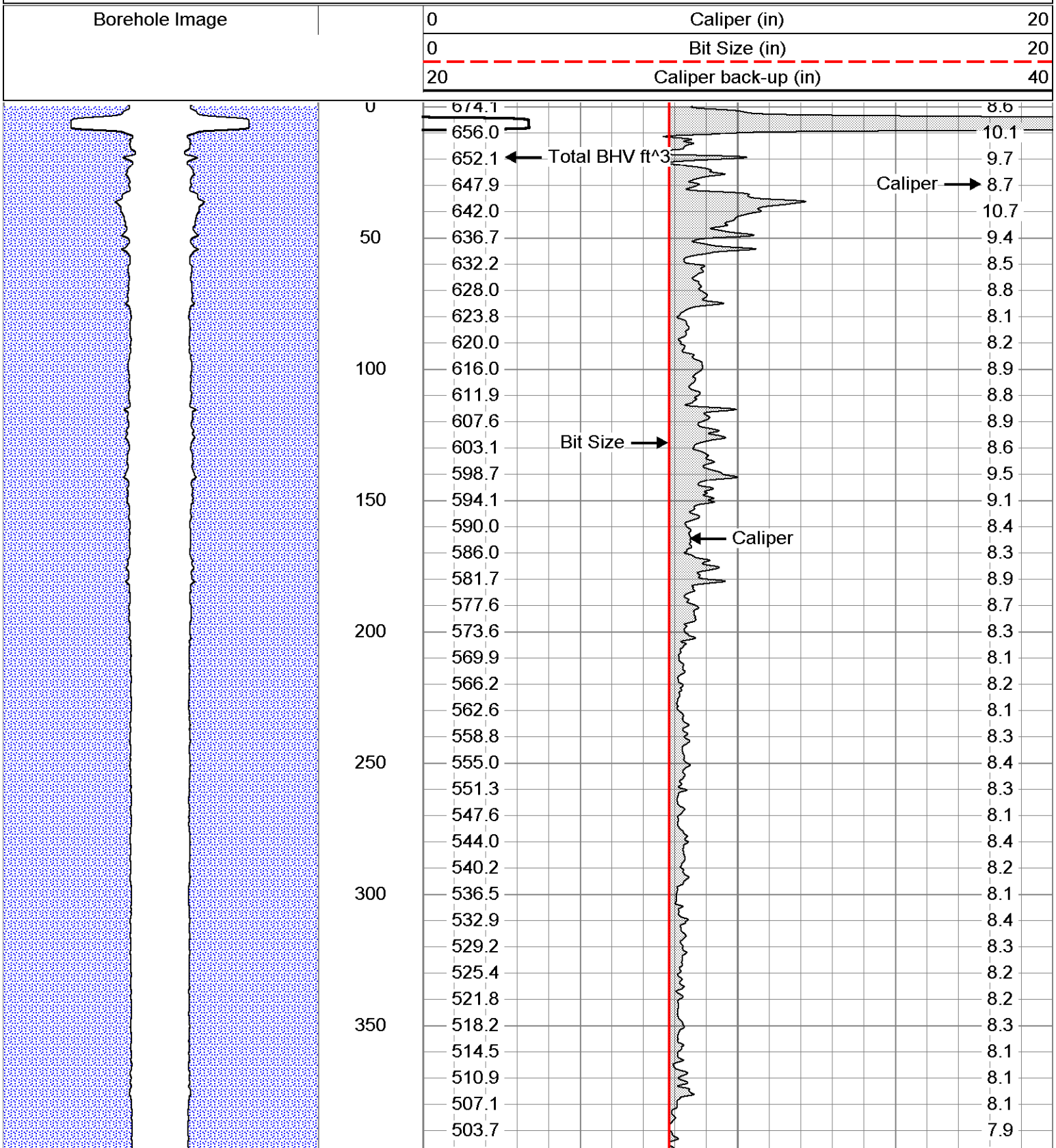
XY Caliper Calibration Report

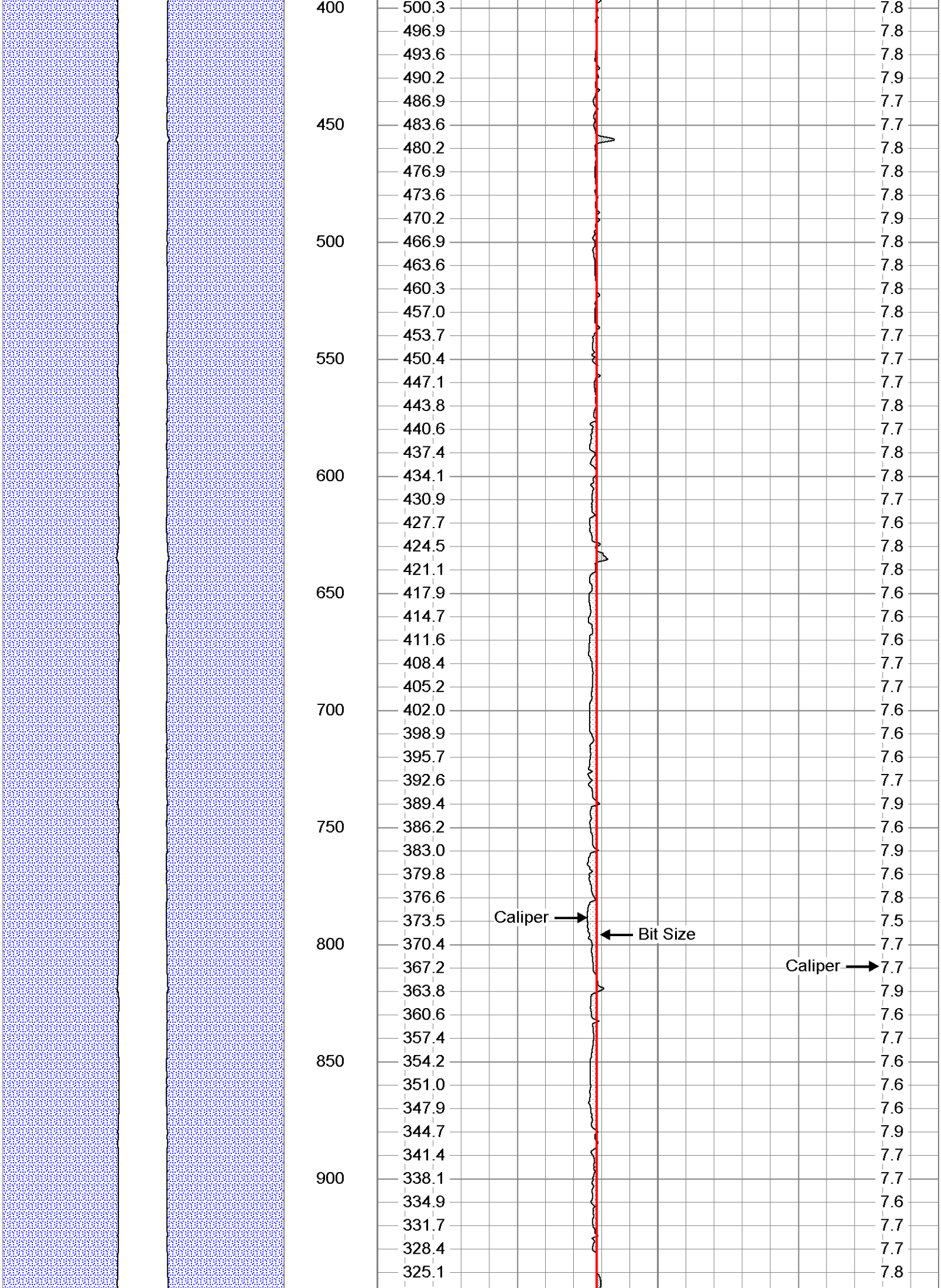
Serial Number: Short
Tool Model: Comprobe
Performed: Tue Dec 02 23:07:28 2008

Small Ring: 6 in
Large Ring: 16 in

	X Caliper	Y Caliper	
Reading with Small Ring:	762.874	762.874	cps
Reading with Large Ring:	1710.1	1710.1	cps
Gain:	0.0105572	0.0105572	
Offset:	-1.45379	-1.45379	

Database File: 14771.db
Dataset Pathname: cal
Presentation Format: XYC_GPH
Dataset Creation: Mon Jul 20 19:43:27 2009 by Log Warrior Version 6.6
Charted by: Depth in Feet scaled 1:600




400
450
500
550
600
650
700
750
800
850
900
500.3
496.9
493.6
490.2
486.9
483.6
480.2
476.9
473.6
470.2
466.9
463.6
460.3
457.0
453.7
450.4
447.1
443.8
440.6
437.4
434.1
430.9
427.7
424.5
421.1
417.9
414.7
411.6
408.4
405.2
402.0
398.9
395.7
392.6
389.4
386.2
383.0
379.8
376.6
373.5
370.4
367.2
363.8
360.6
357.4
354.2
351.0
347.9
344.7
341.4
338.1
334.9
331.7
328.4
325.1
Caliper
Bit Size
Caliper
7.8
7.8
7.8
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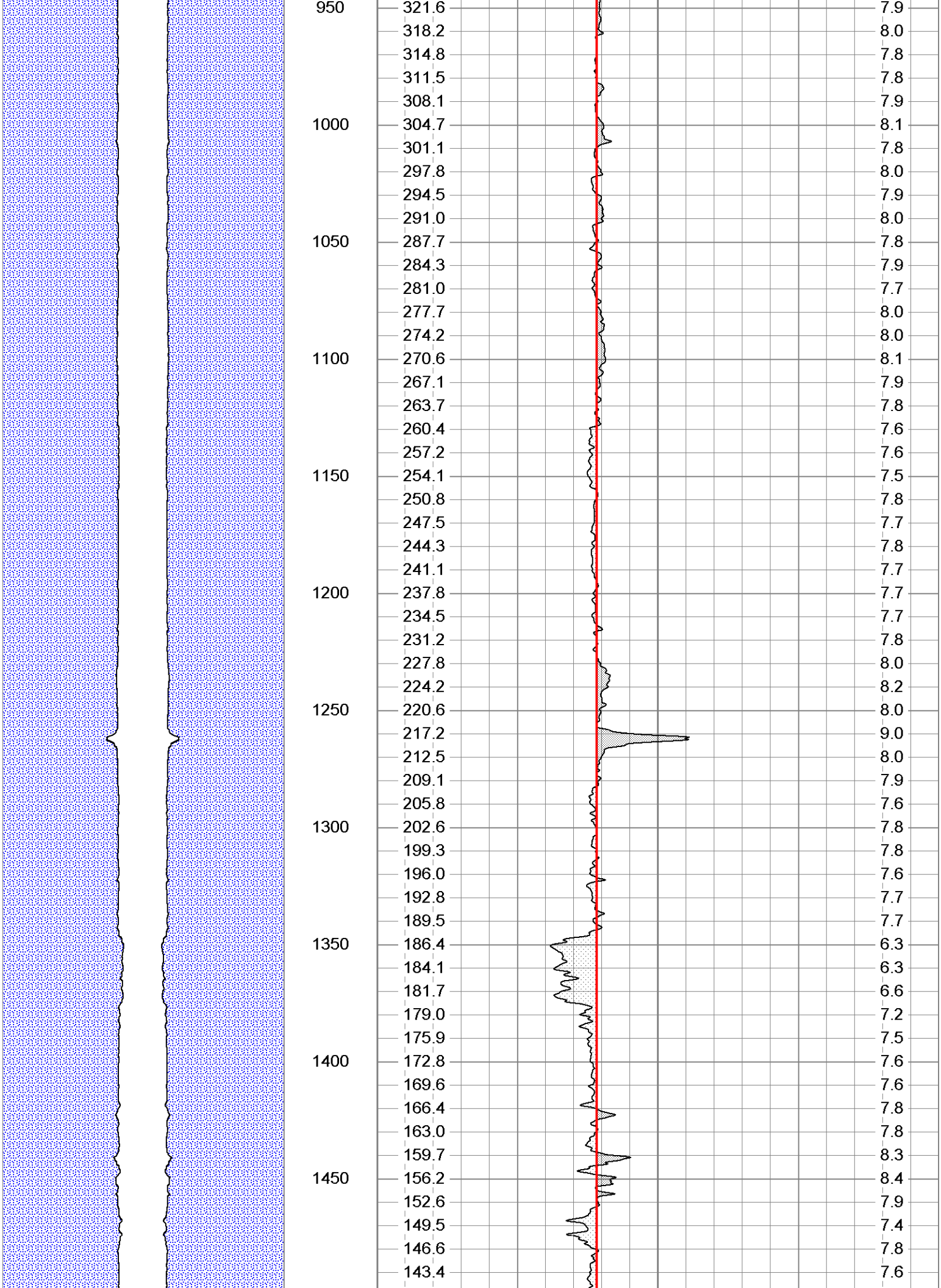
7.8


950
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
321.6
318.2
314.8
311.5
308.1
304.7
301.1
297.8
294.5
291.0
287.7
284.3
281.0
277.7
274.2
270.6
267.1
263.7
260.4
257.2
254.1
250.8
247.5
244.3
241.1
237.8
234.5
231.2
227.8
224.2
220.6
217.2
212.5
209.1
205.8
202.6
199.3
196.0
192.8
189.5
186.4
184.1
181.7
179.0
175.9
172.8
169.6
166.4
163.0
159.7
156.2
152.6
149.5
146.6
143.4
7.9
8.0
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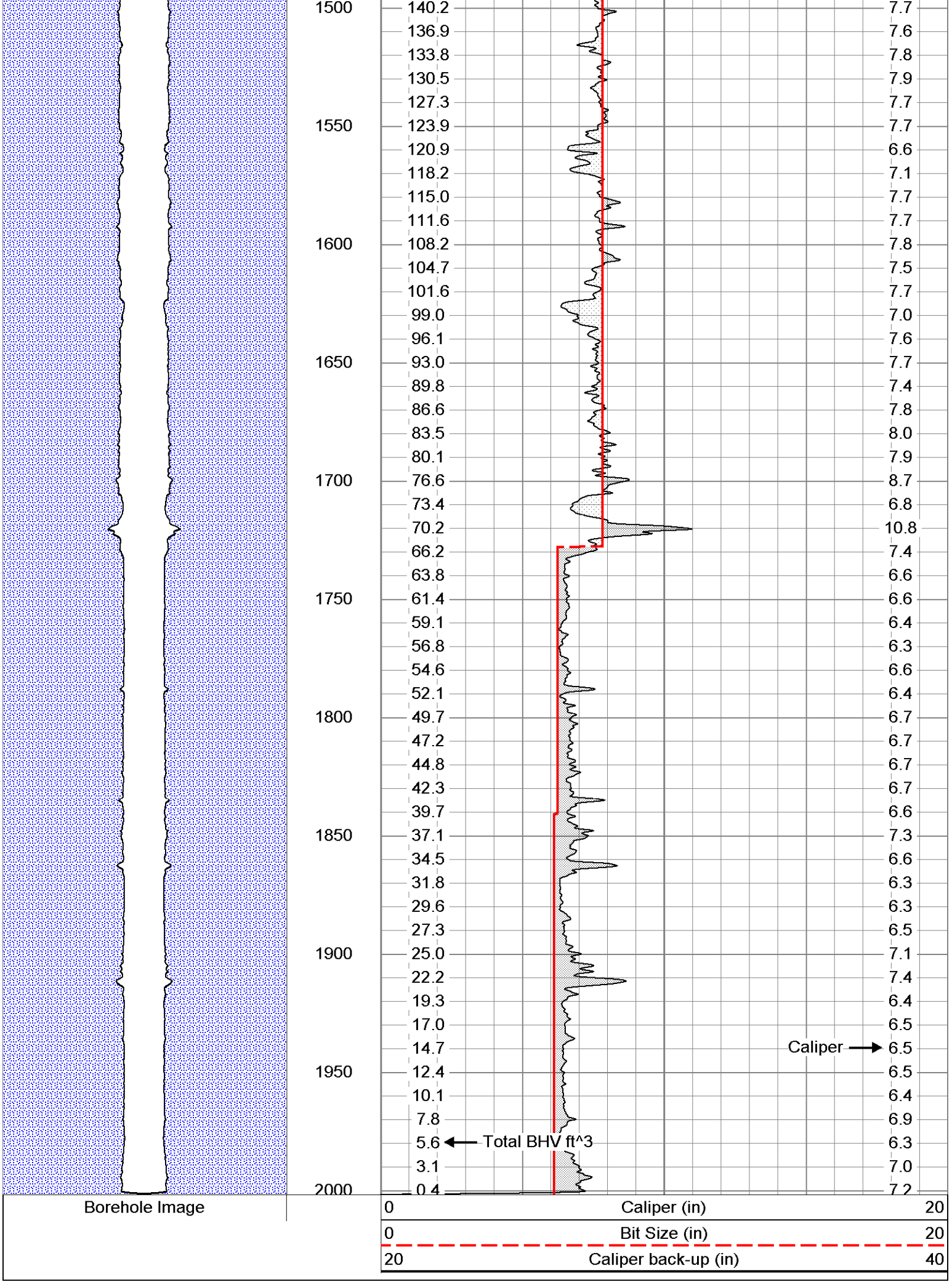
7.6


Borehole Image
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
140.2
136.9
133.8
130.5
127.3
123.9
120.9
118.2
115.0
111.6
108.2
104.7
101.6
99.0
96.1
93.0
89.8
86.6
83.5
80.1
76.6
73.4
70.2
66.2
63.8
61.4
59.1
56.8
54.6
52.1
49.7
47.2
44.8
42.3
39.7
37.1
34.5
31.8
29.6
27.3
25.0
22.2
19.3
17.0
14.7
12.4
10.1
7.8
5.6
3.1
0.4
Total BHV ft^3
7.7
7.6
7.8
7.9
7.7
7.7
6.6
7.1
7.7
7.7
7.8
7.5
7.7
7.0
7.6
7.7
7.4
7.8
8.0
7.9
8.7
6.8
10.8
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6.4
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7.3
6.6
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6.3
6.5
7.1
7.4
6.4
6.5
Caliper
6.5
6.5
6.4
6.9
6.3
7.0
7.2
0
Caliper (in)
20
0
Bit Size (in)
20
20
Caliper back-up (in)
40