



**COMPENSATED DENSITY  
NEUTRON LOG**

Company CHEROKEE WELLS, LLC Well ROBERT, S.FGSF # B3-17 Field FREDONIA County WILSON State KANSAS	Company CHEROKEE WELLS, LLC Well ROBERT, S.FGSF # B3-17 Field FREDONIA County WILSON State KANSAS
Location: API #: 15-205-28522-00-00 SW SW SW NE 2475' FNL & 2475' FEL SEC 17 TWP 29S RGE 15E	Other Services ILLD
Permanent Datum GL Elevation 953 Log Measured From GL Drilling Measured From GL	Elevation K.B. D.F. G.L. 953
Date	12-1-21
Run Number	ONE
Depth Driller	1198
Depth Logger	1198
Bottom Logged Interval	1195
Top Log Interval	SURFACE
Casing Driller	8.625" @ 44'
Casing Logger	8.625" @ 44'
Bit Size	6.75"
Type Fluid in Hole	CHEM MUD
Density / Viscosity	
pH / Fluid Loss	
Source of Sample	
Rm @ Meas. Temp	
Rmf @ Meas. Temp	
Rmc @ Meas. Temp	
Source of Rmf / Rmc	
Rm @ BHT	
Time Circulation Stopped	9:00 AM
Time Logger on Bottom	10:30 AM
Maximum Recorded Temperature	90
Equipment Number	OW2
Location	HOMINY, OK
Recorded By	MACKEY
Witnessed By	KIDD MR. MORRIS

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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**

FILE # OW2-8917 CHEROKEE  
THANK YOU FOR USING OSAGE WIRELINE

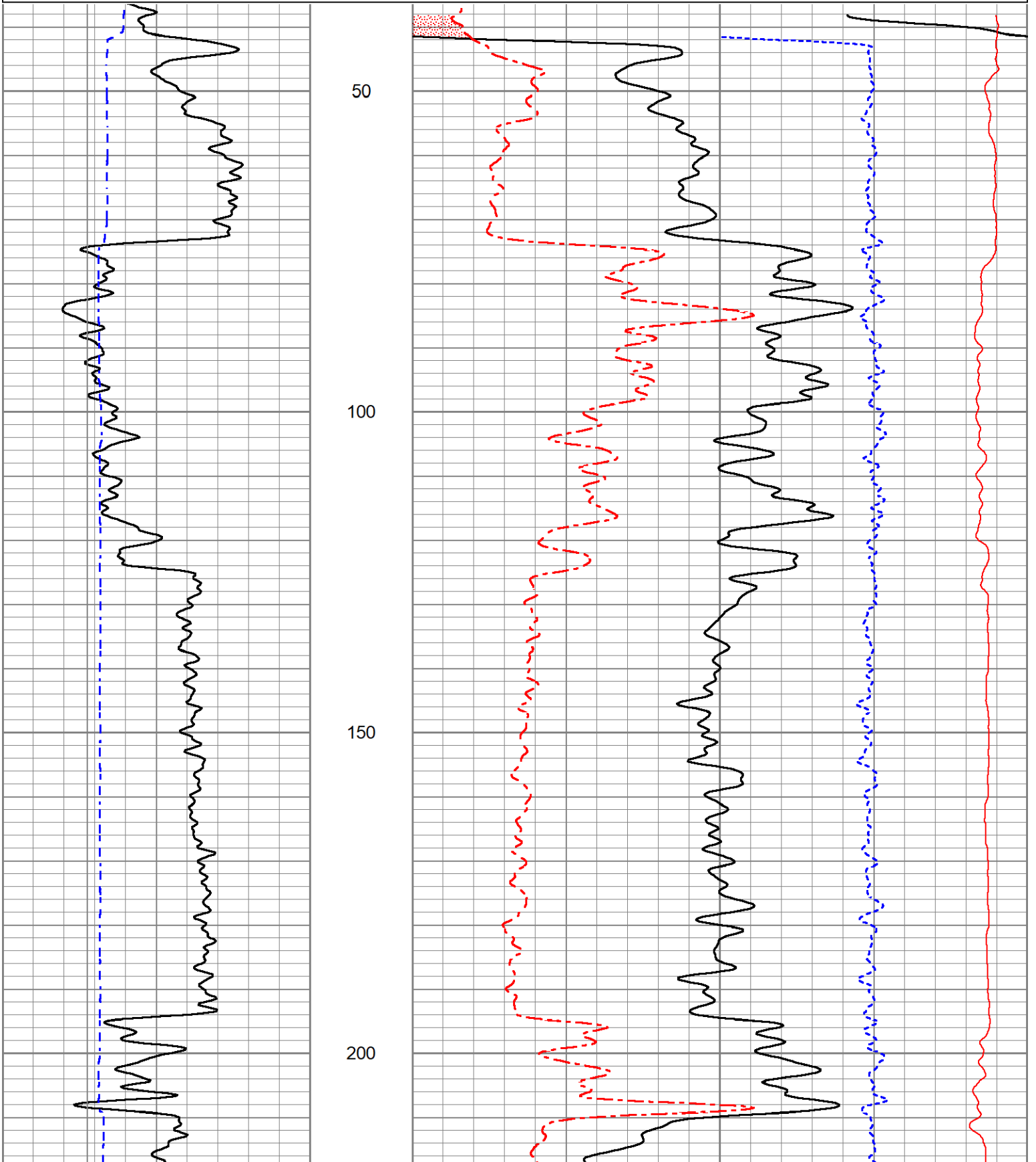


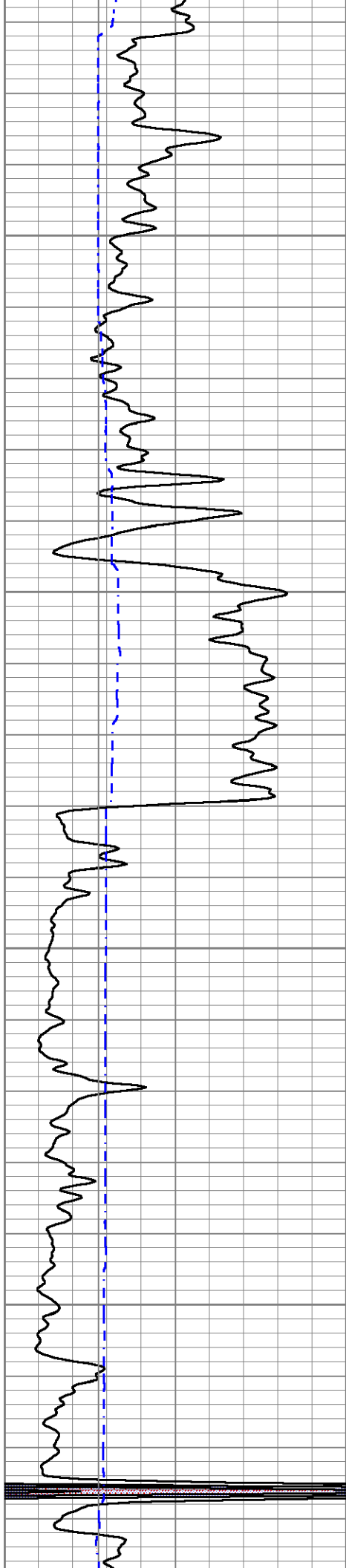
# 5" DENSITY NEUTRON LOG

Database File ow2-8917 cherokee.db  
 Dataset Pathname pass1.1  
 Presentation Format mmcdln5  
 Dataset Creation Wed Dec 01 11:26:01 2021  
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
4	Bit size (in)	14
4	Density Caliper (in)	14

30	Density Porosity (pu)	-10
30	Neutron Porosity (pu)	-10
-0.5	Correction (g/cc)	0.5
2000	Line Tension (lb)	500



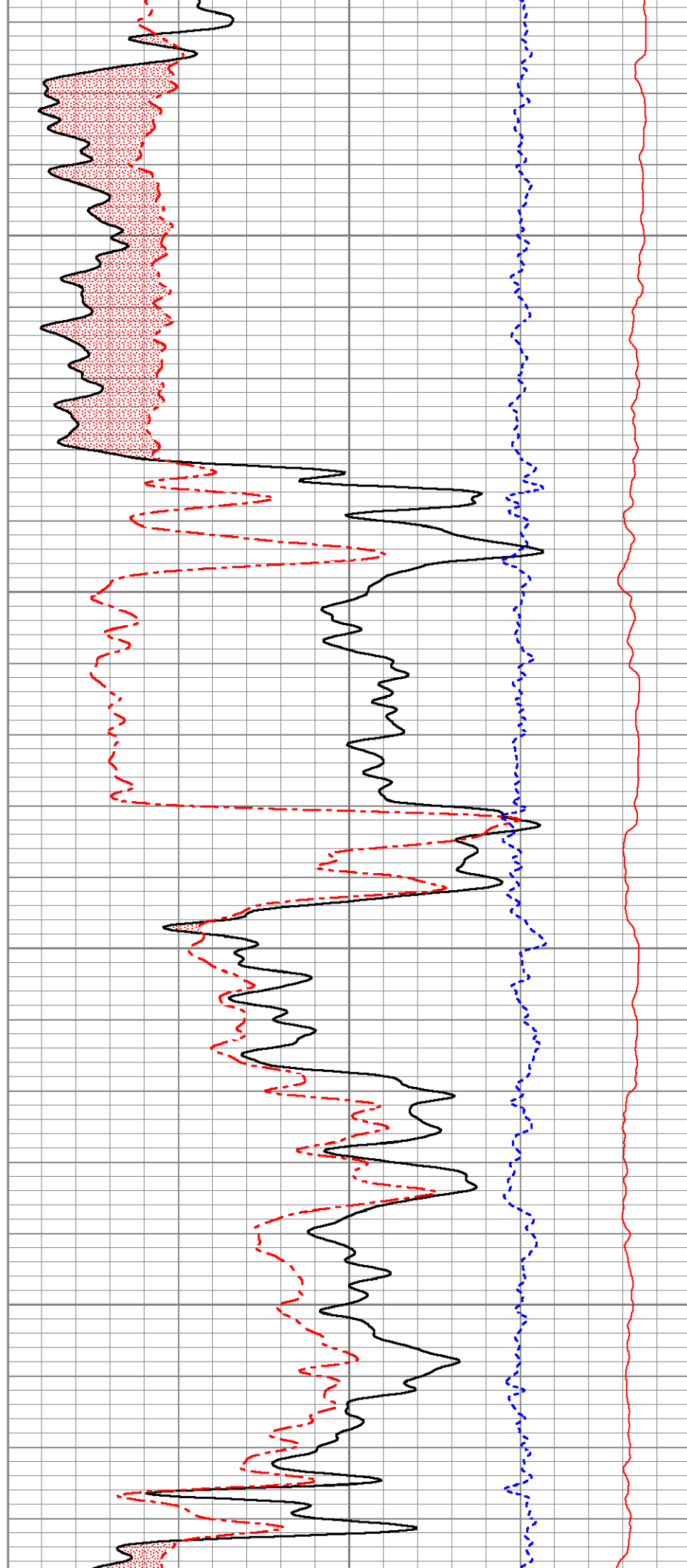


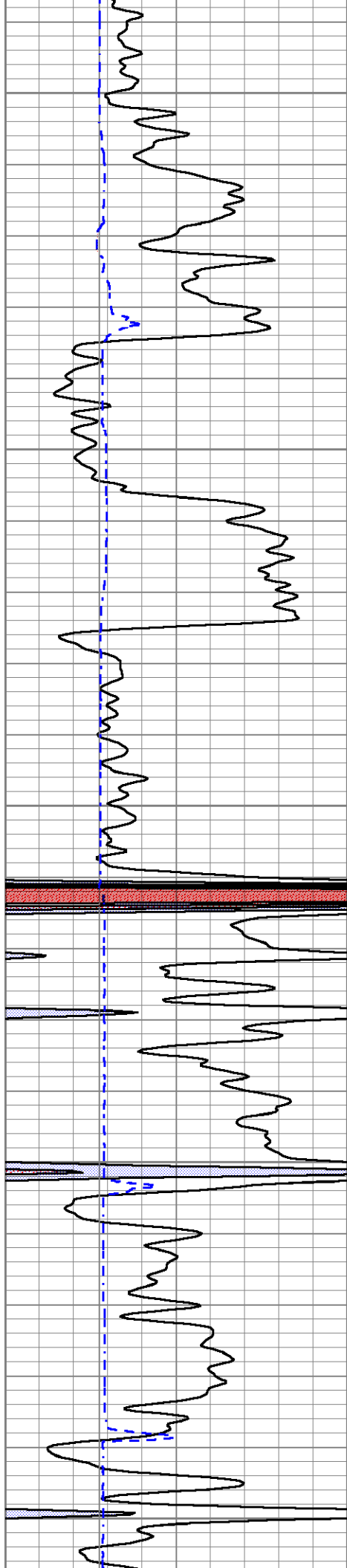
250

300

350

400





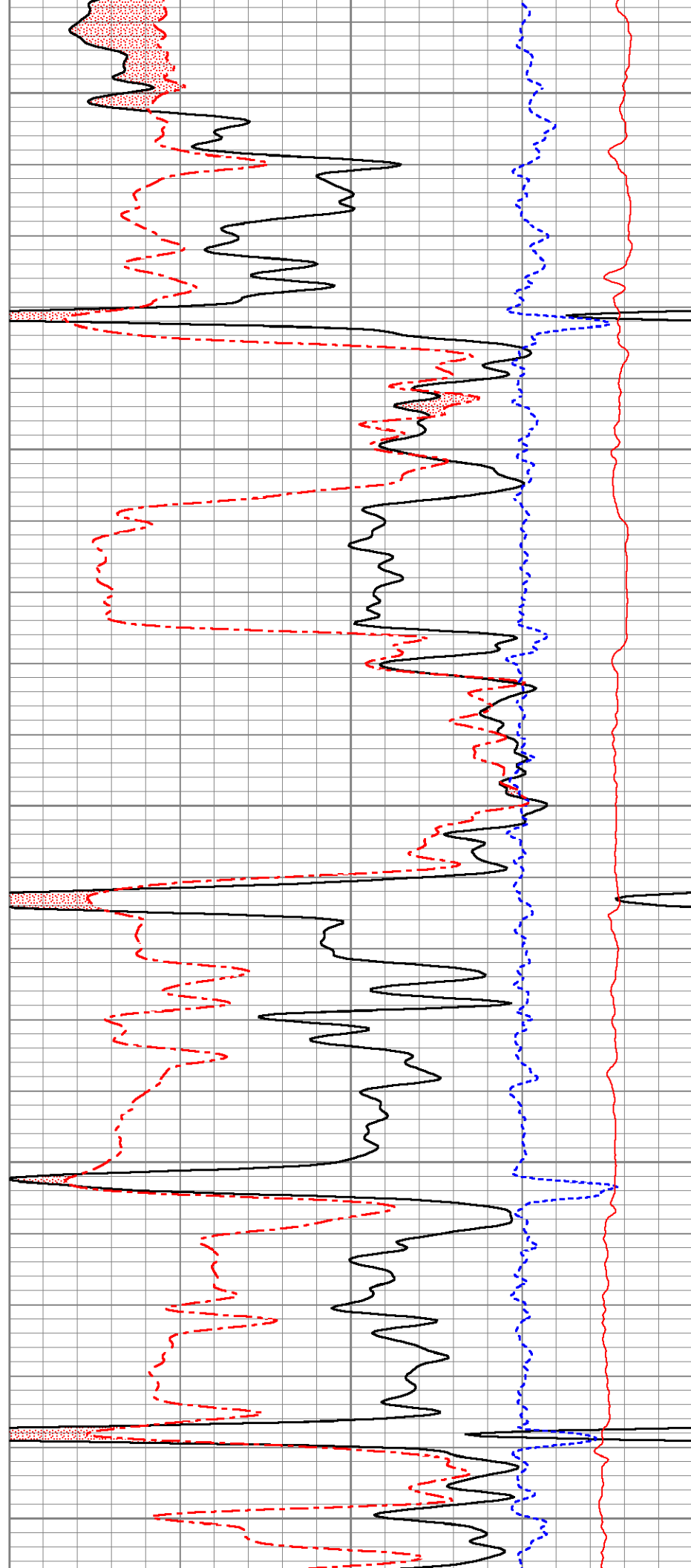
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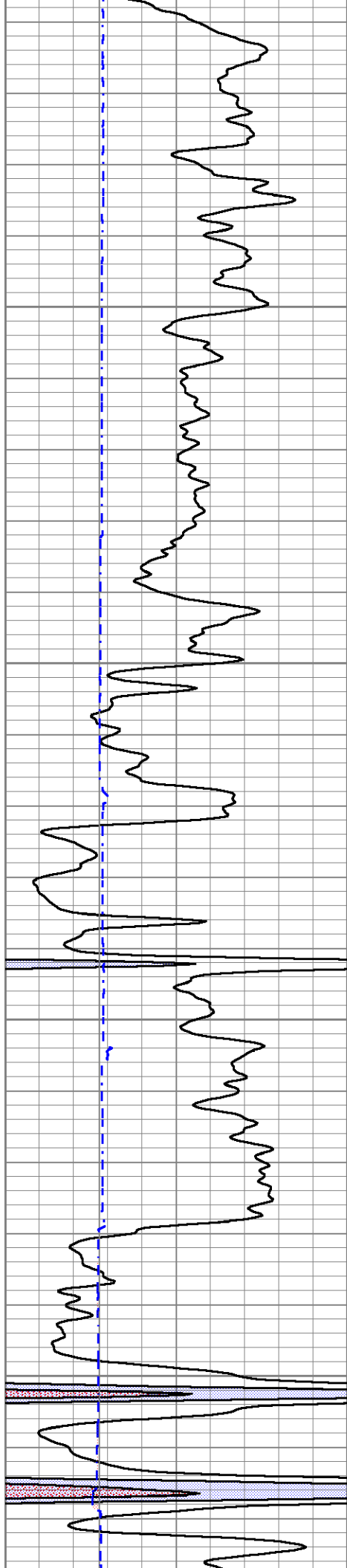
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550

600

650



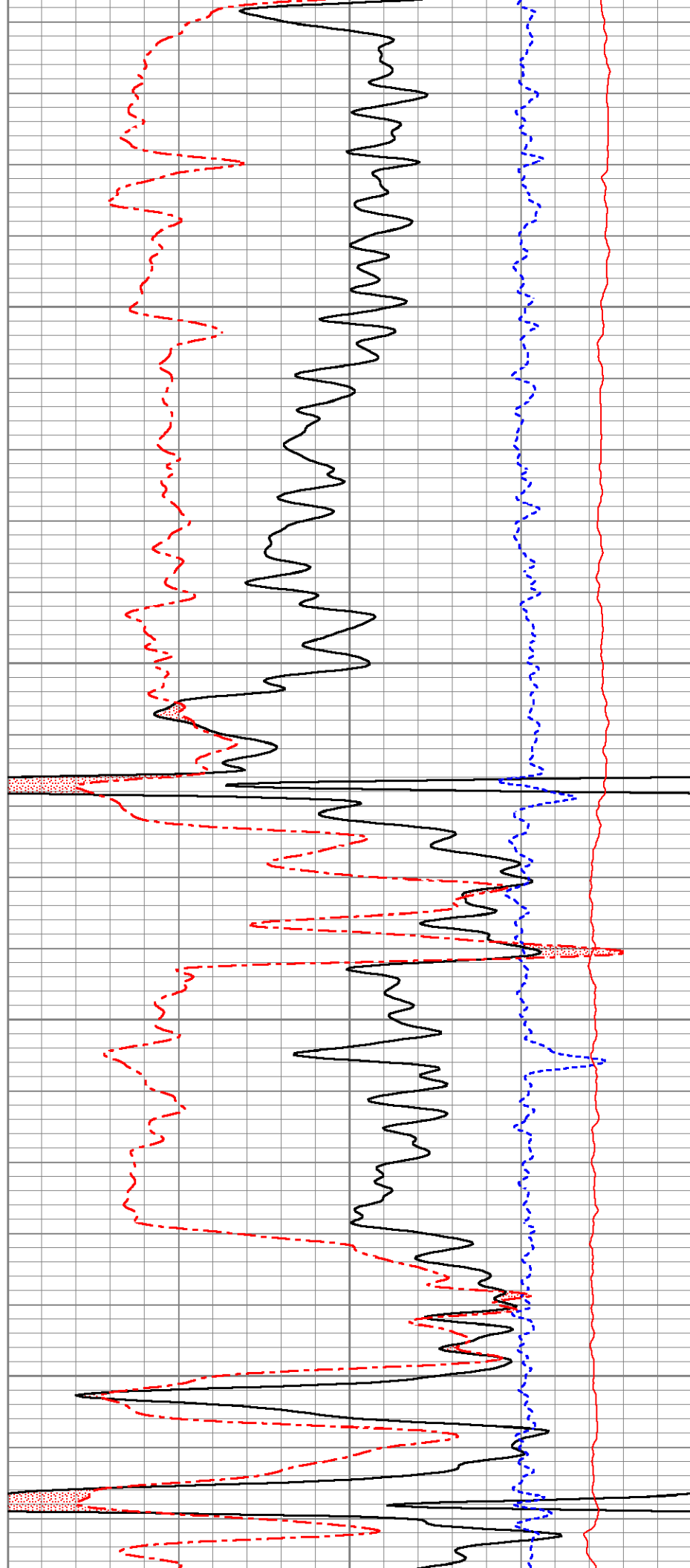


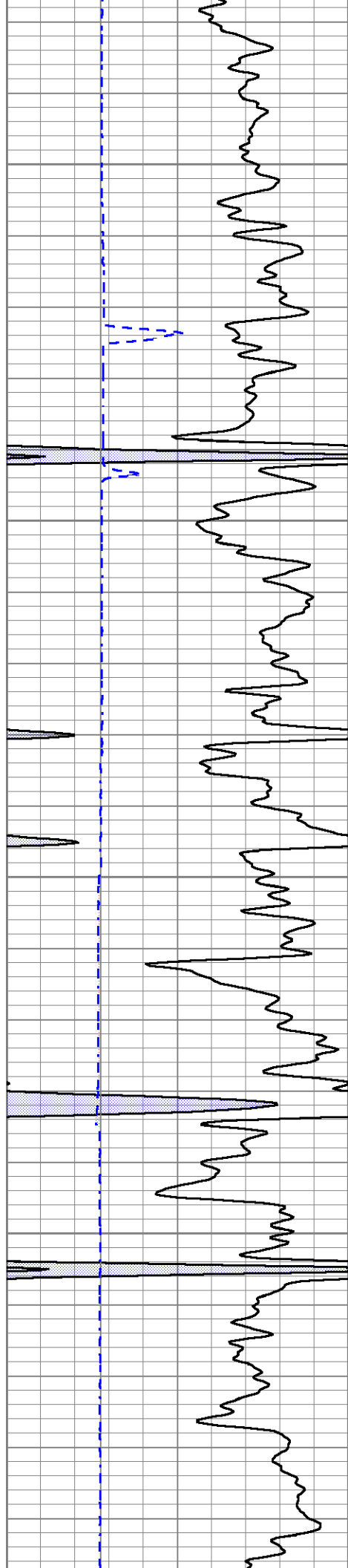
700

750

800

850



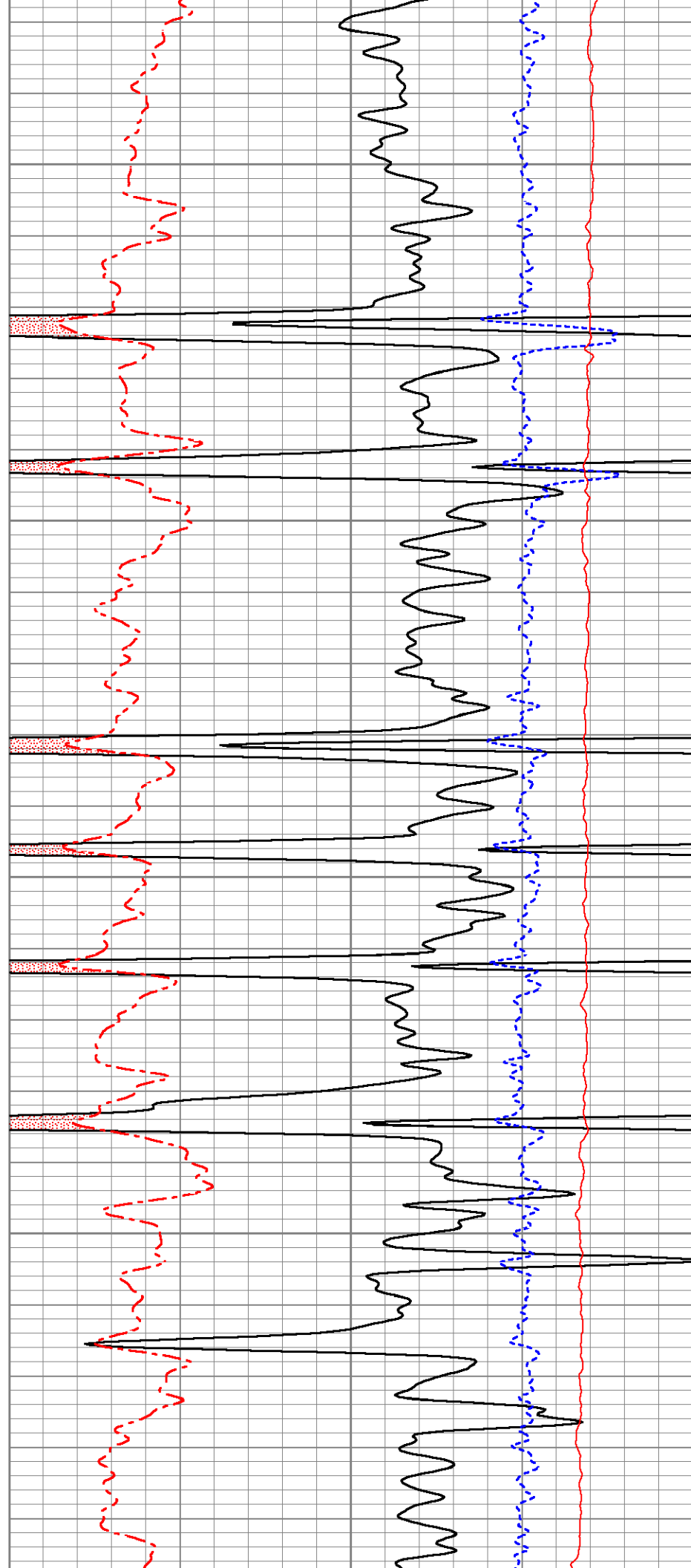


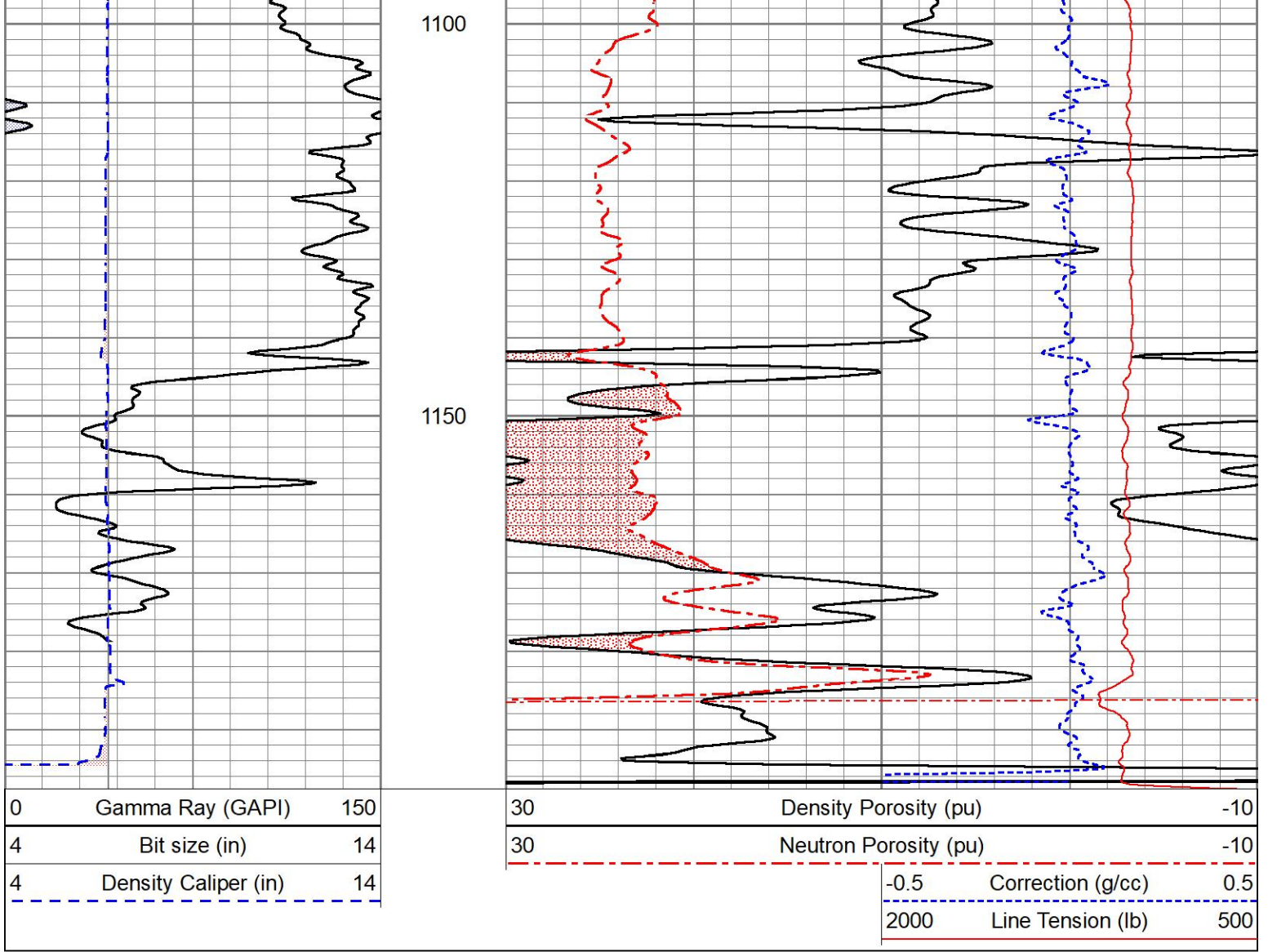
900

950

1000

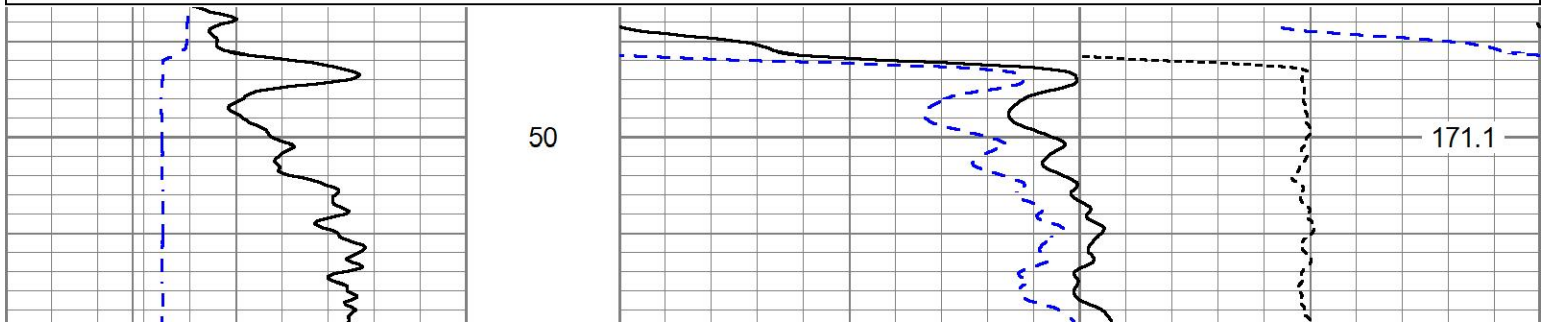
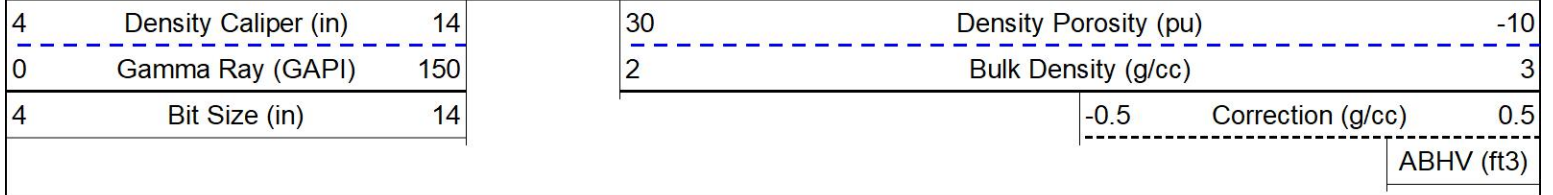
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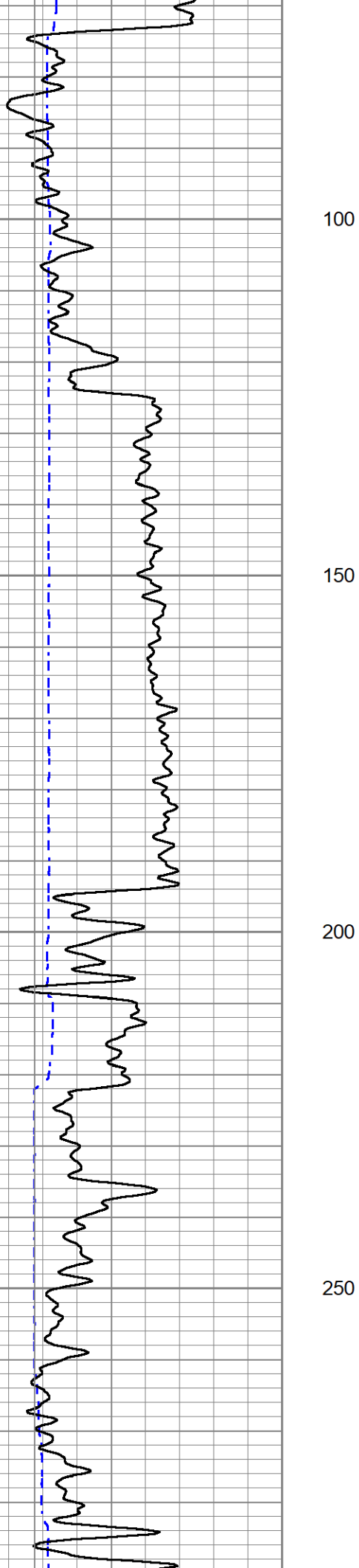




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 Presentation Format mmcd15  
 Dataset Creation Wed Dec 01 11:29:14 2021  
 Charted by Depth in Feet scaled 1:240



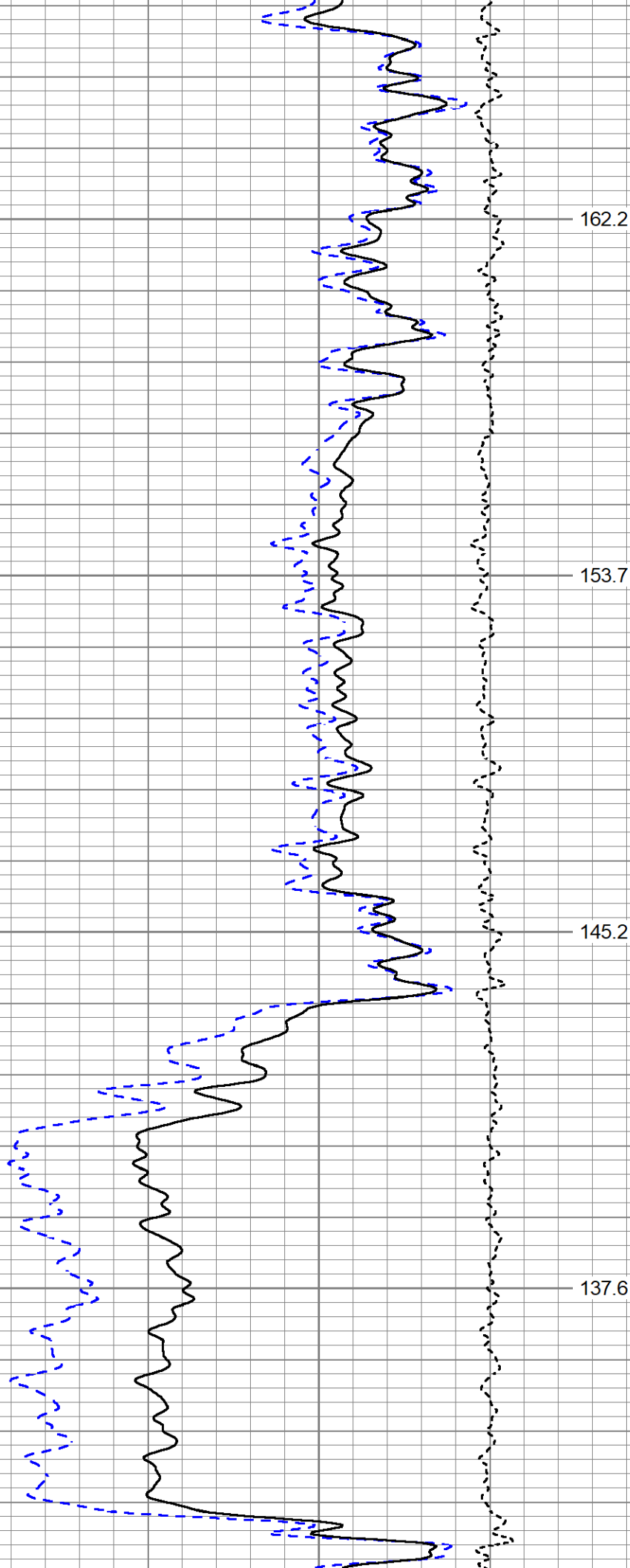


100

150

200

250

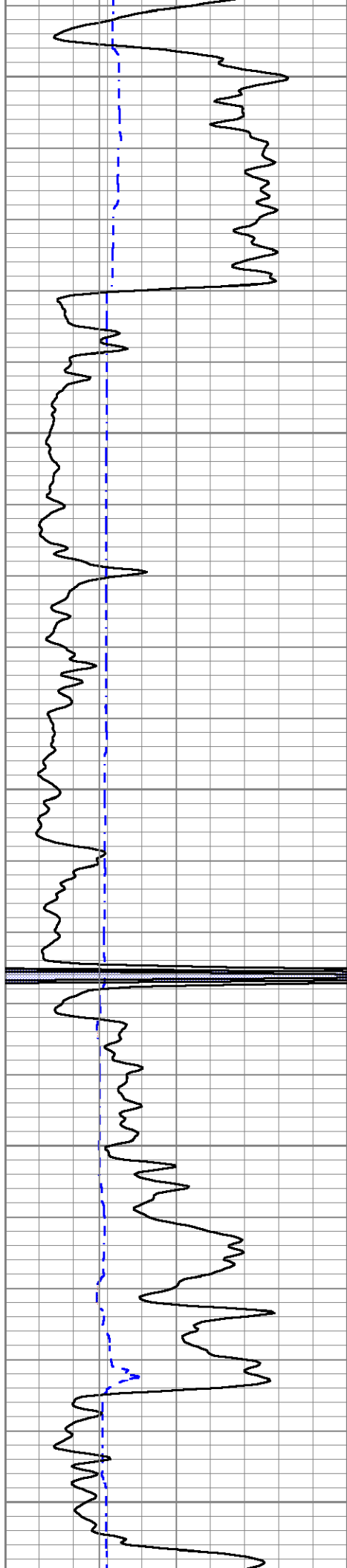


162.2

153.7

145.2

137.6



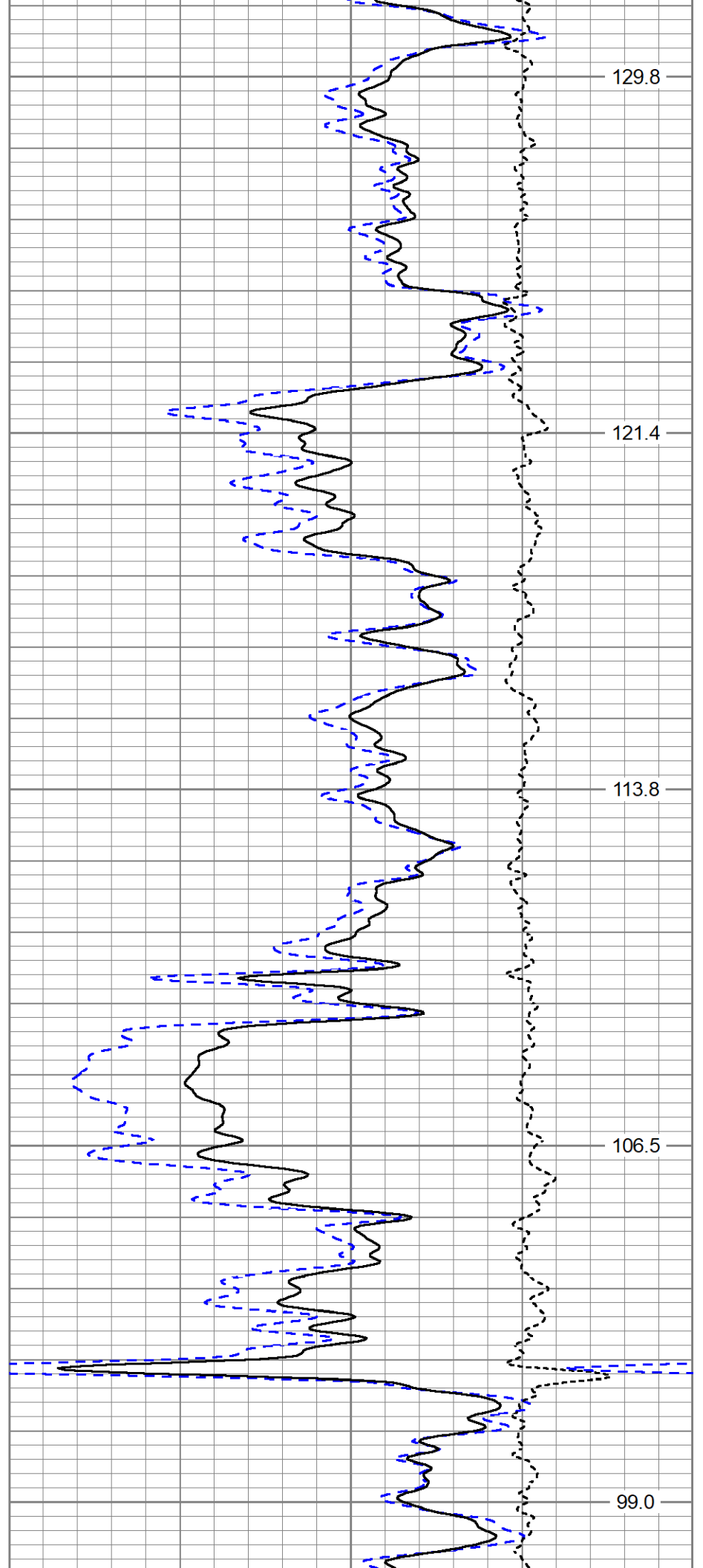
300

350

400

450

500



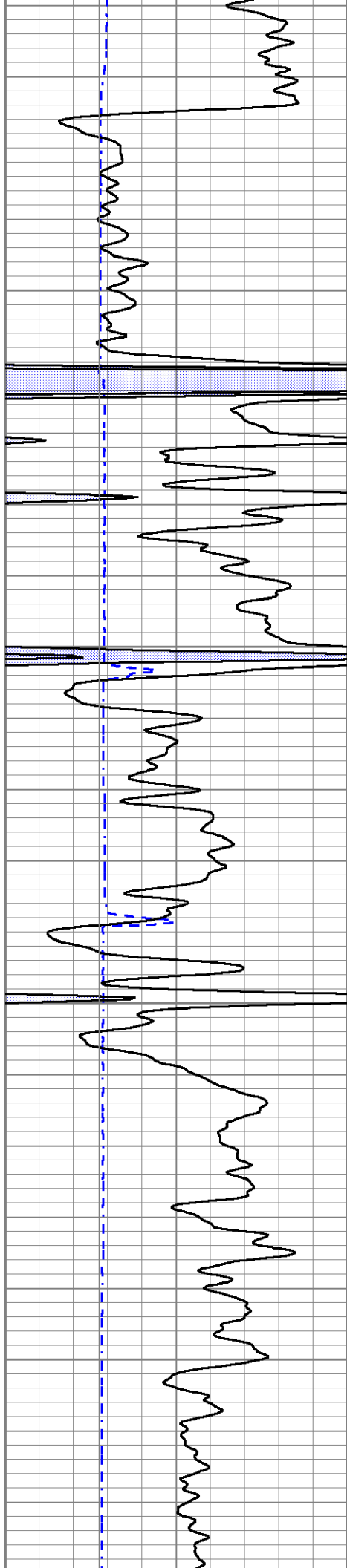
129.8

121.4

113.8

106.5

99.0

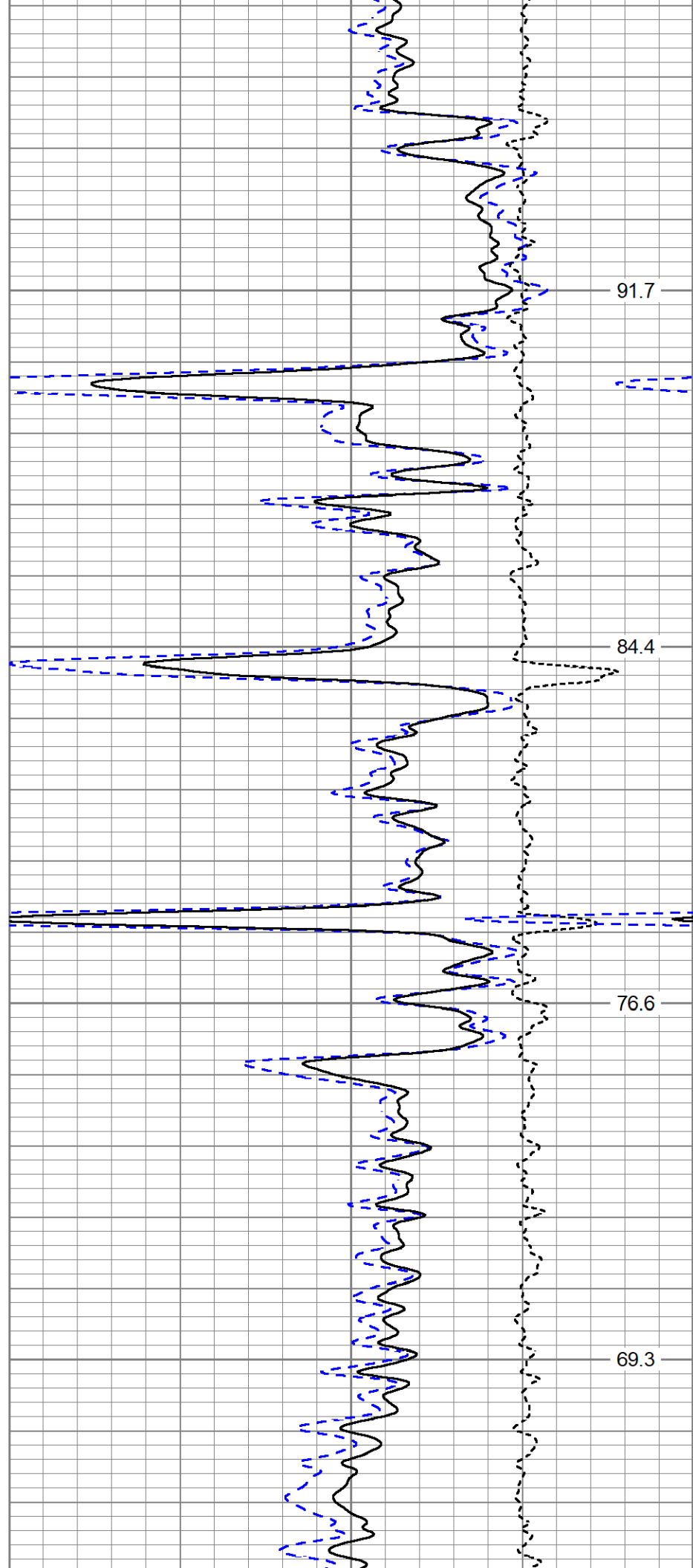


550

600

650

700

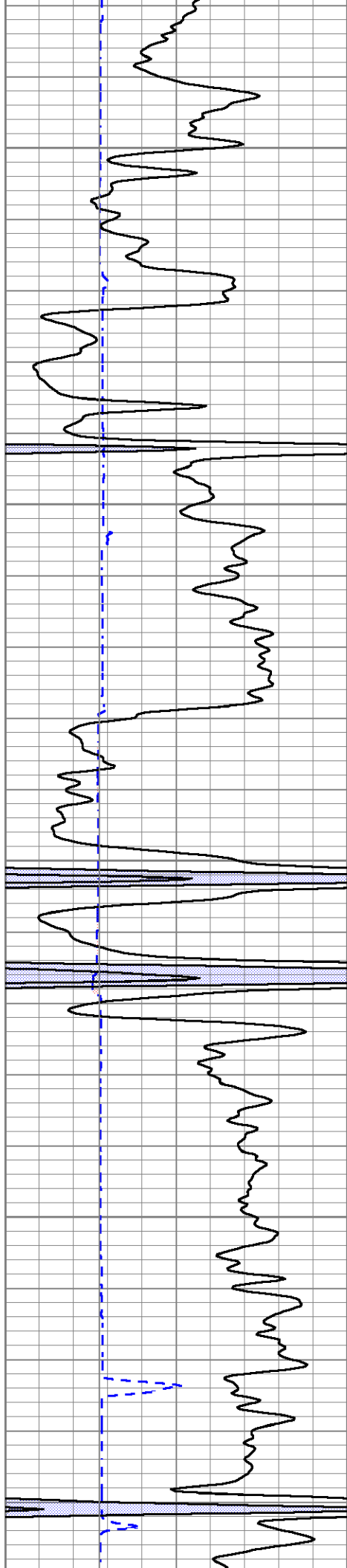


91.7

84.4

76.6

69.3



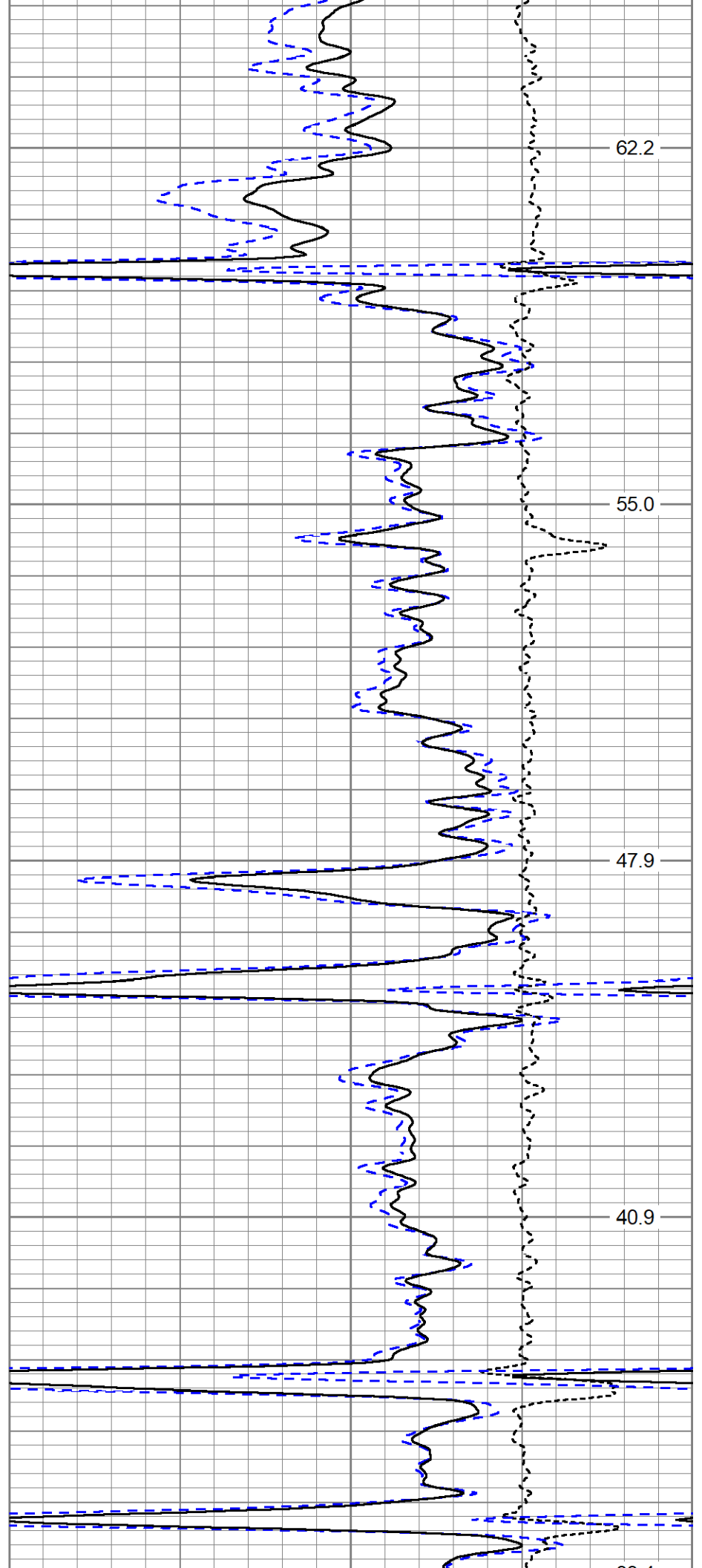
750

800

850

900

950



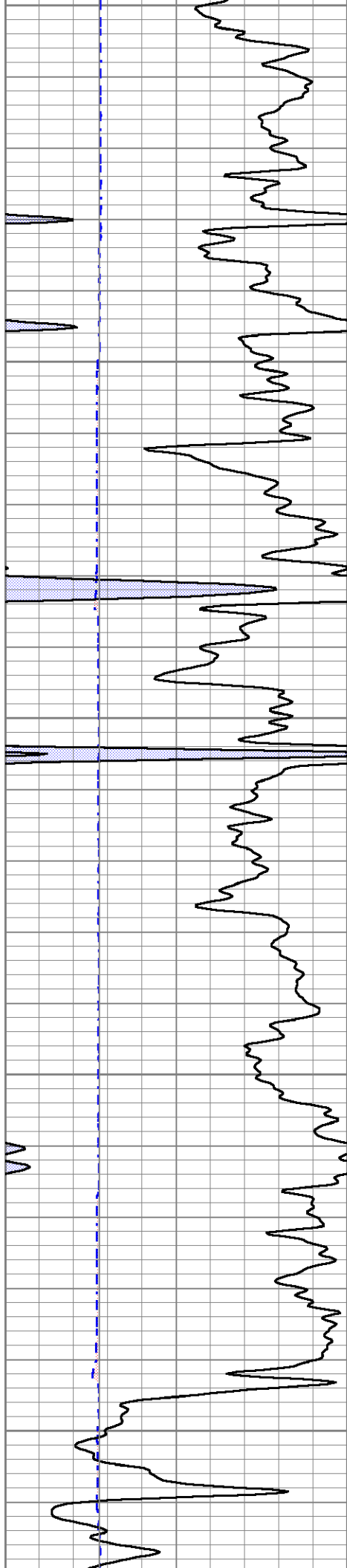
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55.0

47.9

40.9

33.4



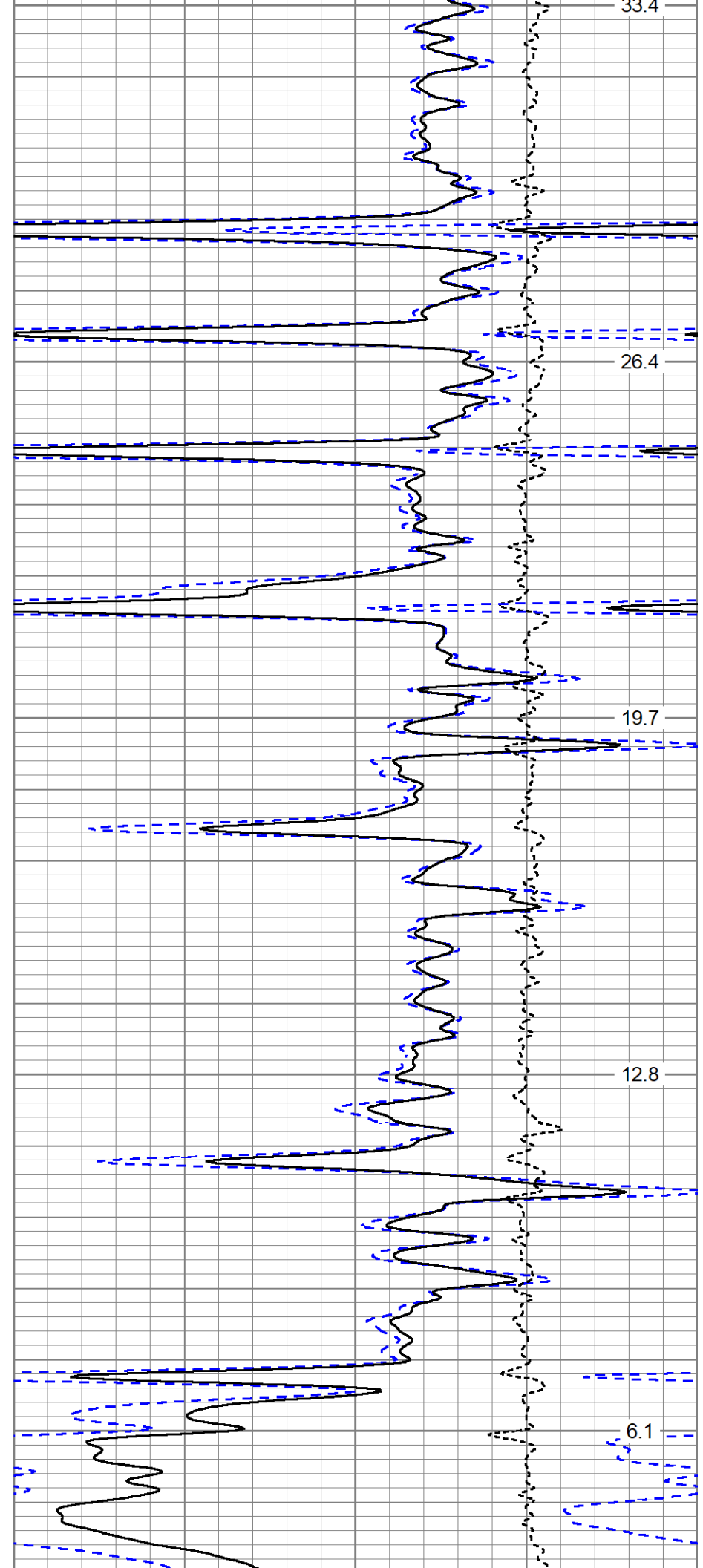
950

1000

1050

1100

1150



33.4

26.4

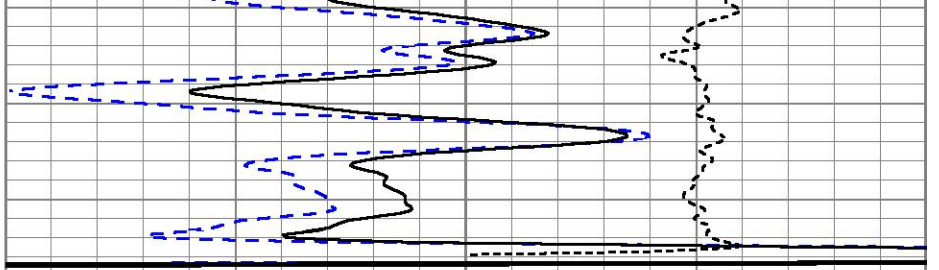
19.7

12.8

6.1



4	Density Caliper (in)	14
0	Gamma Ray (GAPI)	150
4	Bit Size (in)	14



30	Density Porosity (pu)	-10
2	Bulk Density (g/cc)	3
-0.5	Correction (g/cc)	0.5
		ABHV (ft3)

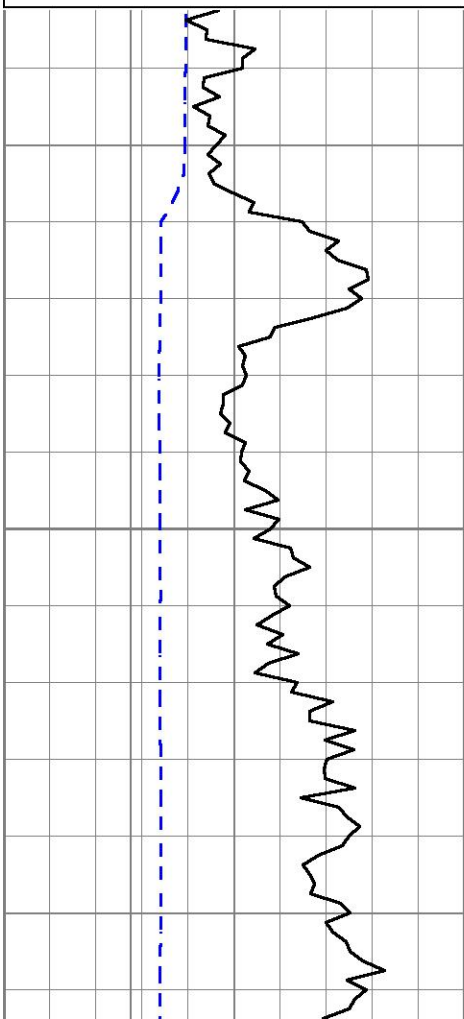


# 20" HR DENSITY LOG

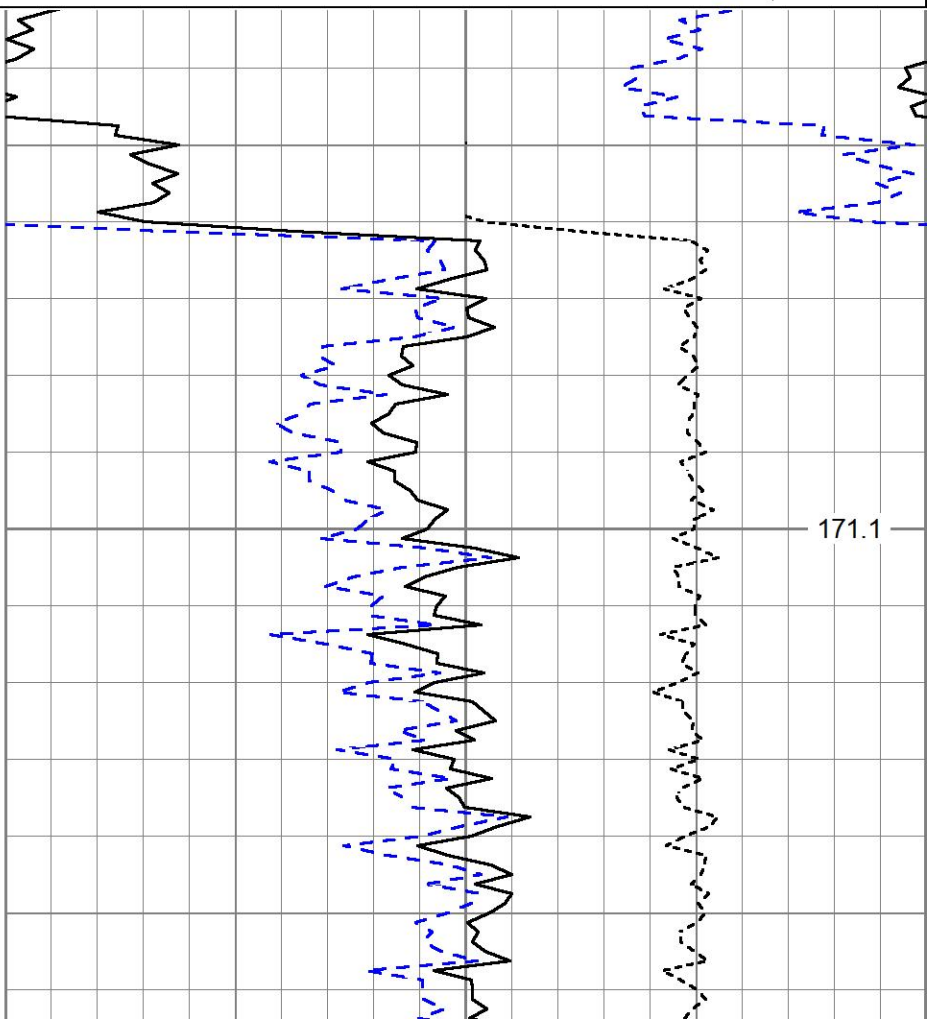
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 Dataset Pathname pass1.3  
 Presentation Format mmcdl5  
 Dataset Creation Wed Dec 01 11:30:06 2021  
 Charted by Depth in Feet scaled 1:60

4	Density Caliper (in)	14
0	Gamma Ray (GAPI)	150
4	Bit Size (in)	14

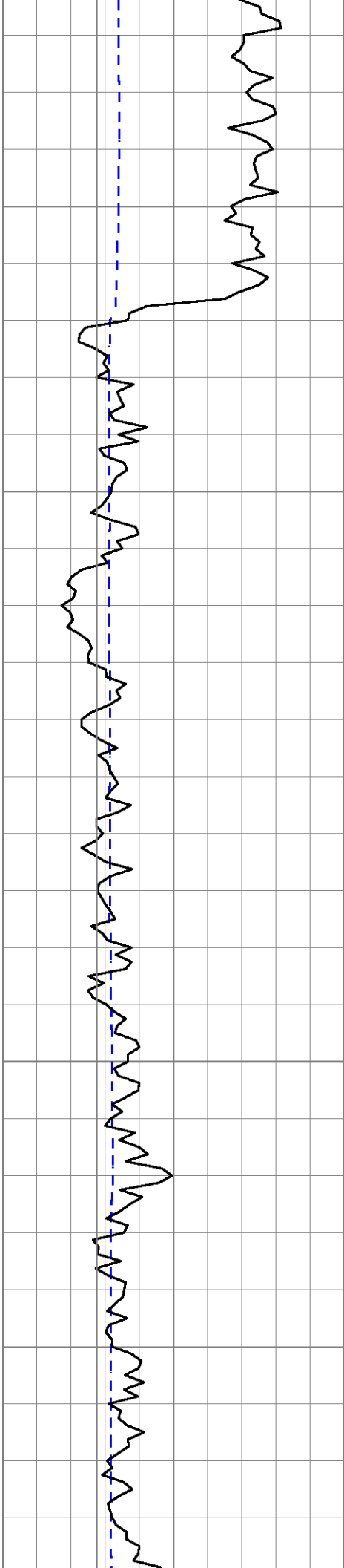
30	Density Porosity (pu)	-10
2	Bulk Density (g/cc)	3
-0.5	Correction (g/cc)	0.5
		ABHV (ft3)



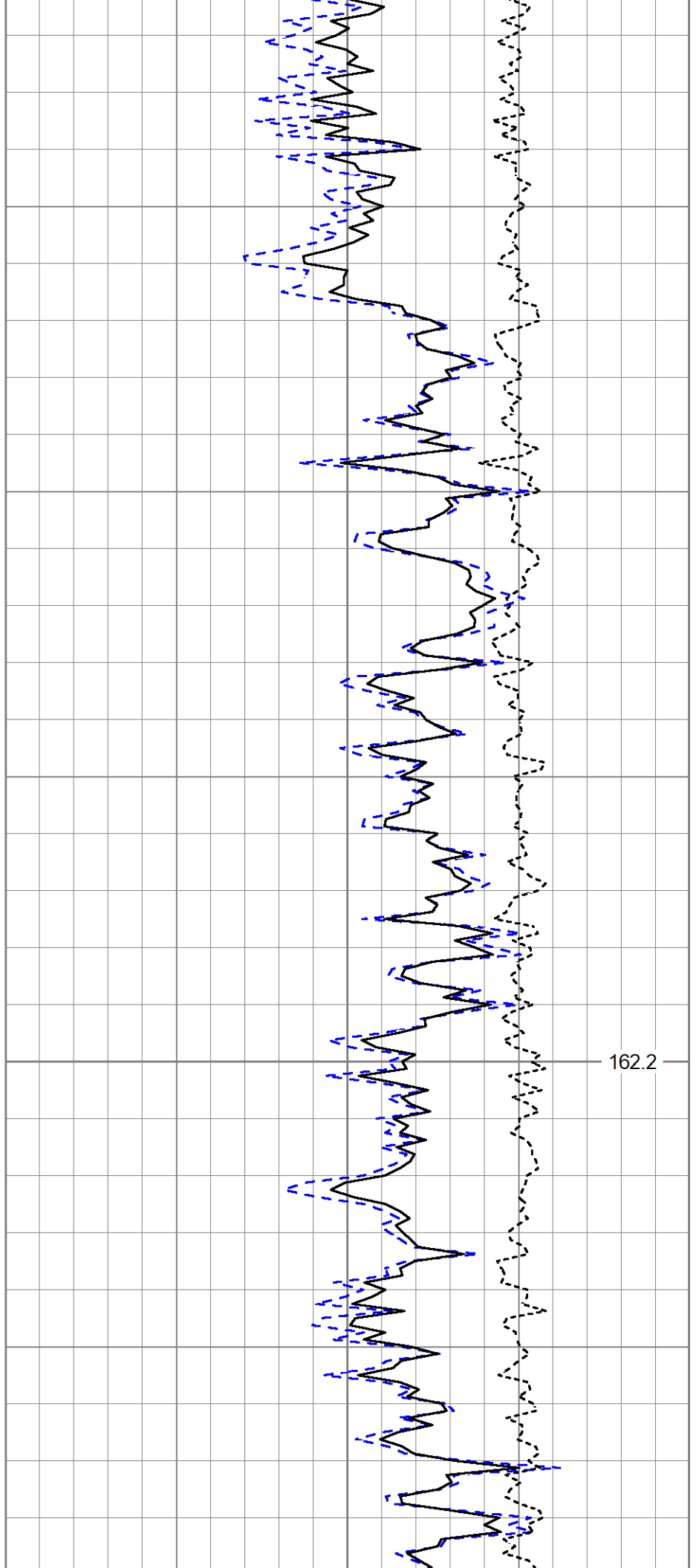
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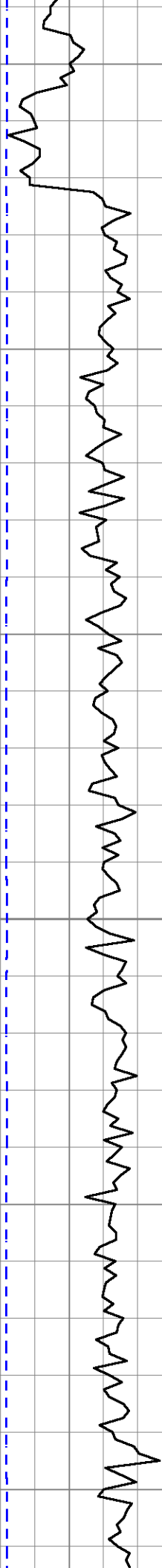
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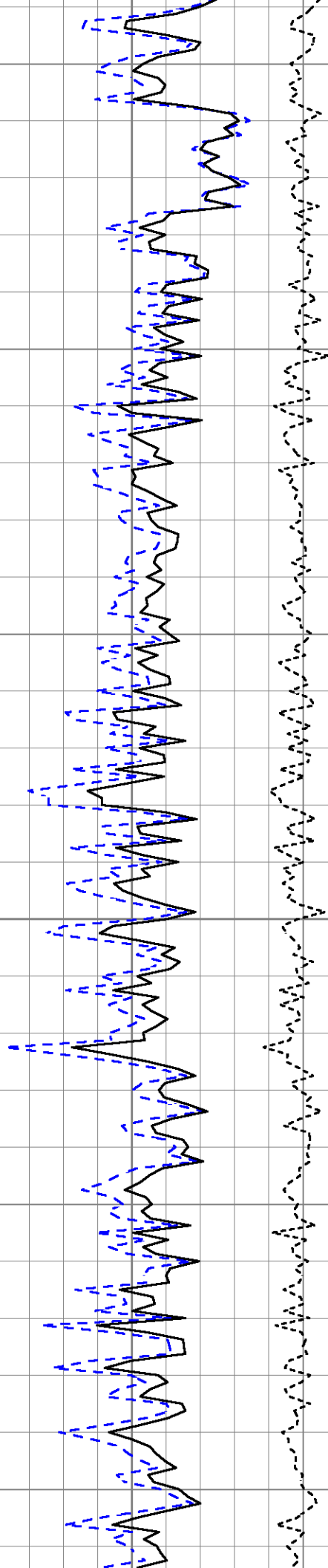
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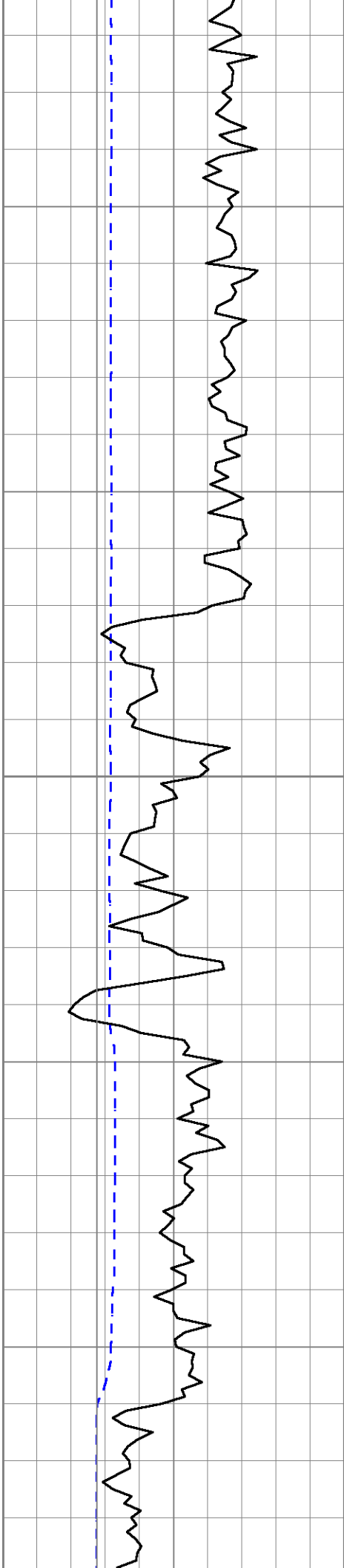
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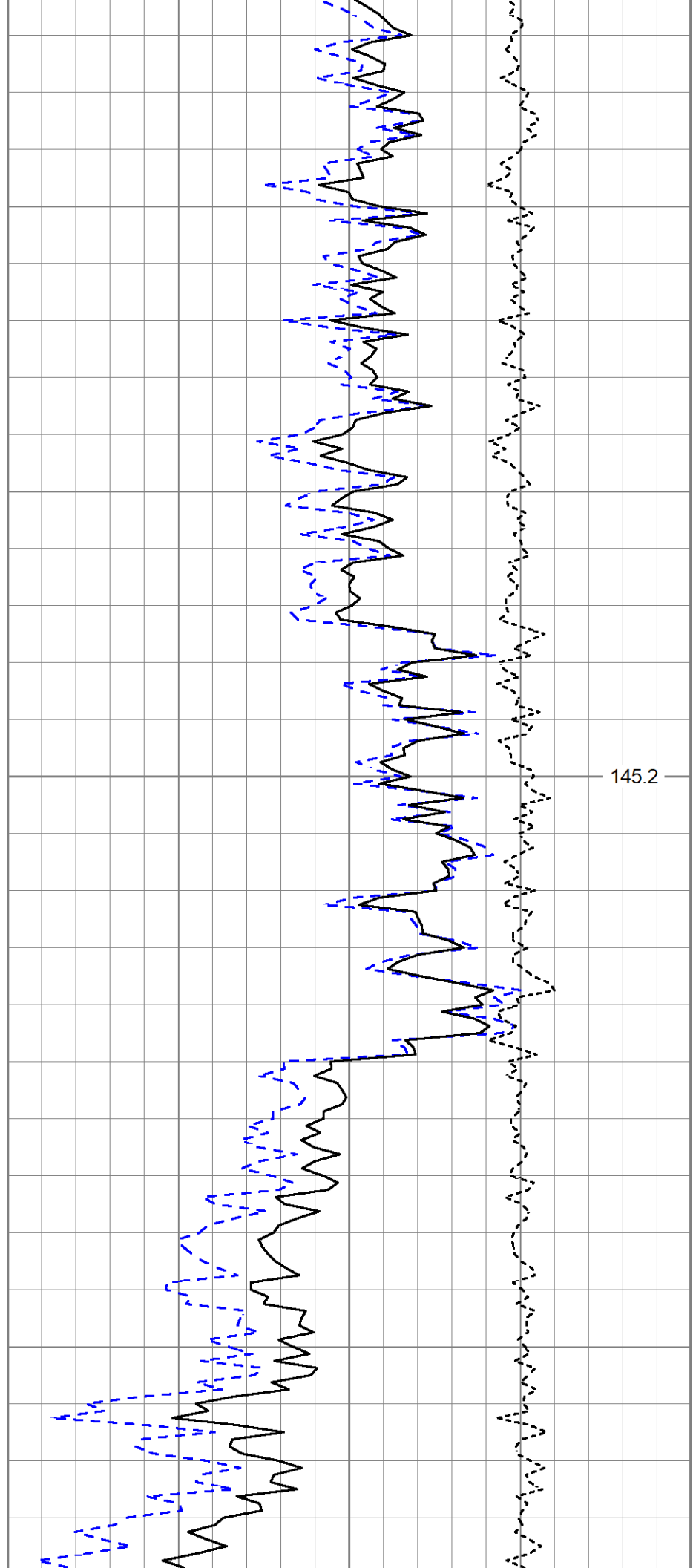
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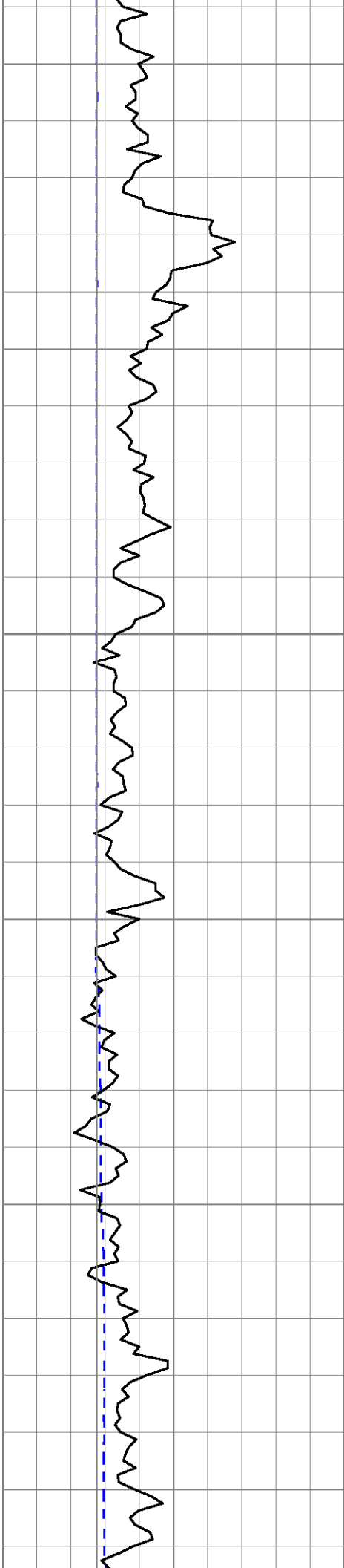
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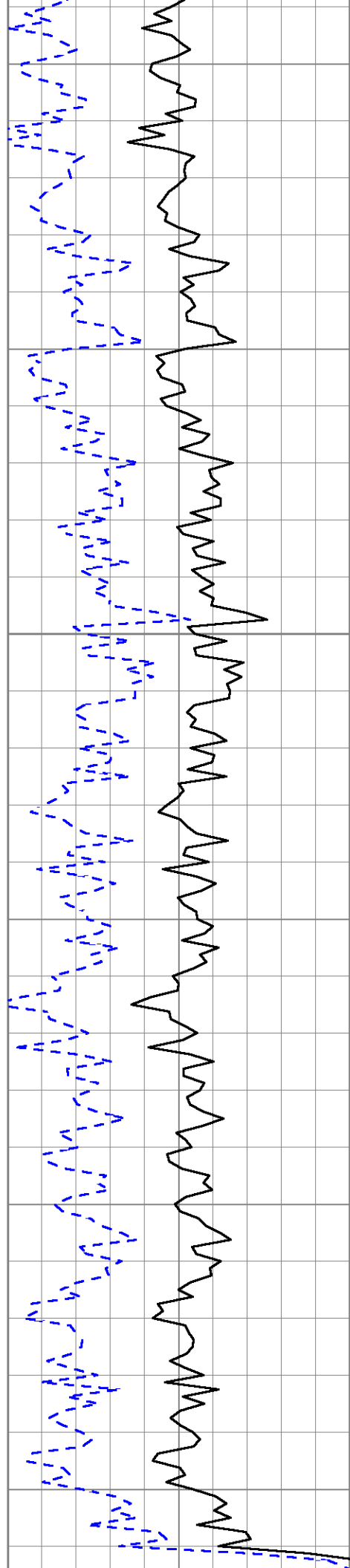
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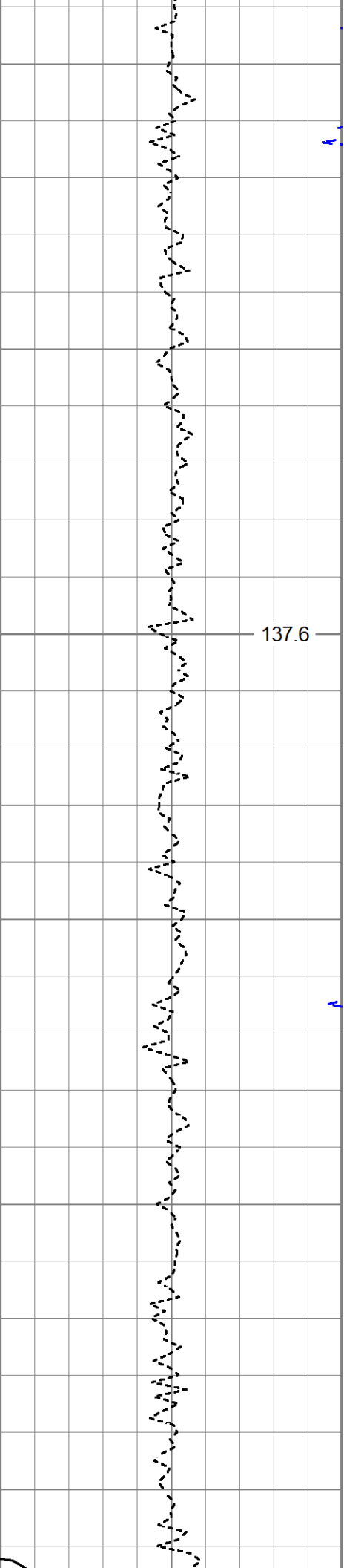
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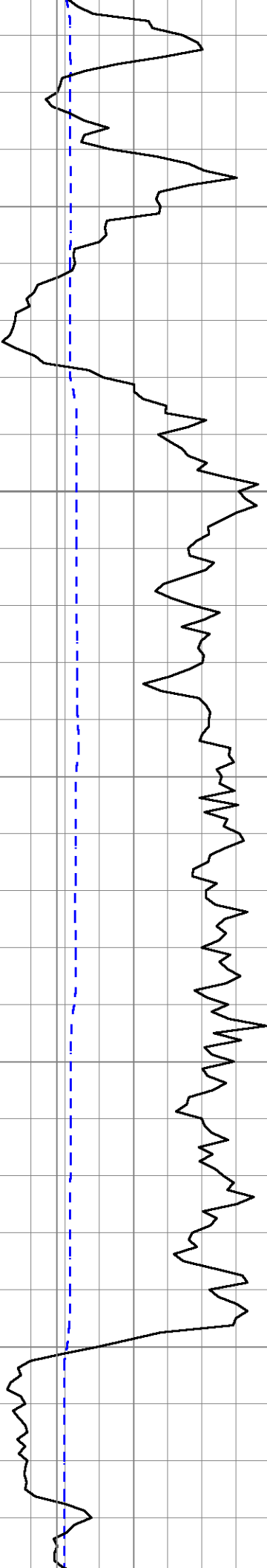
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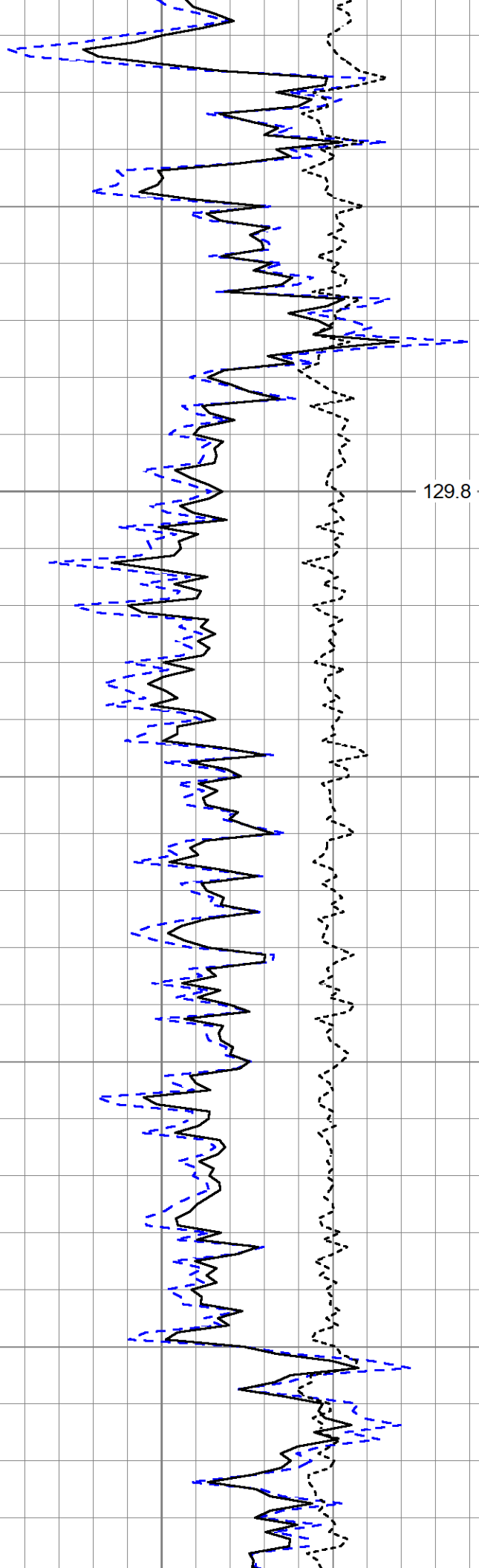
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300

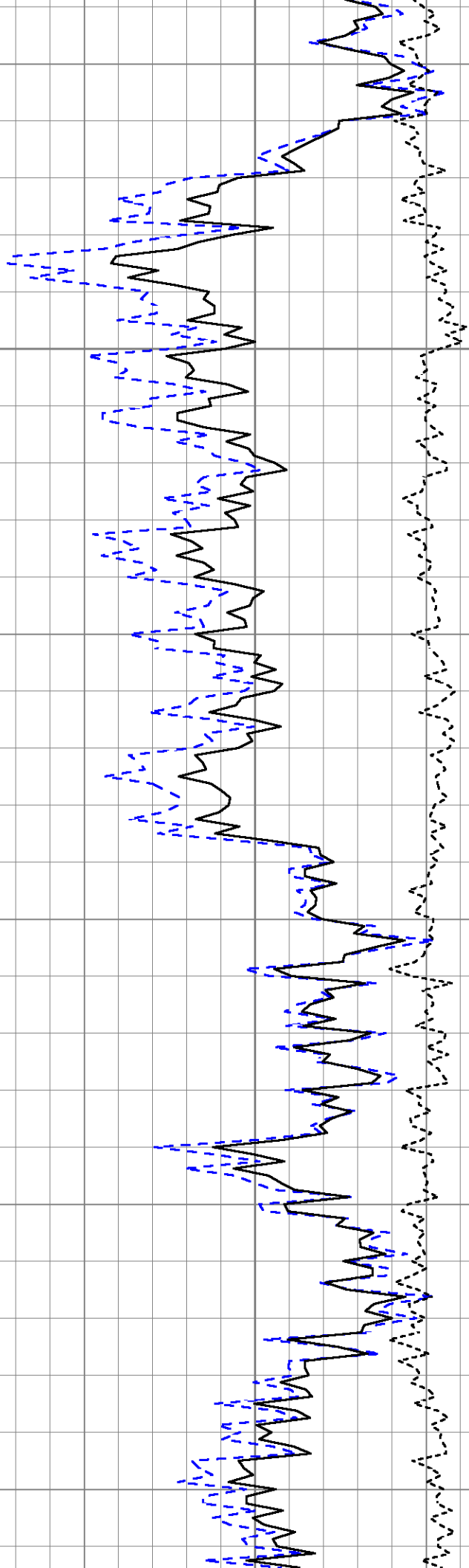
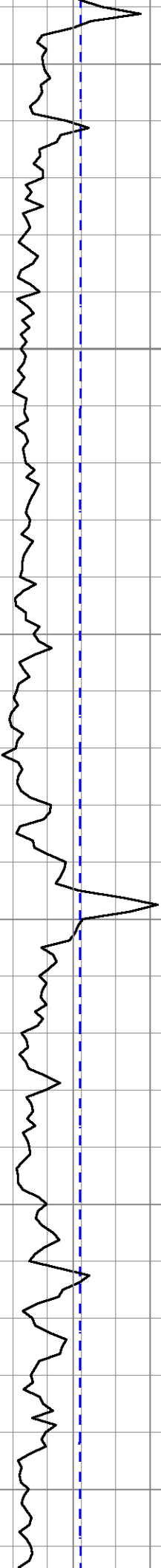


129.8



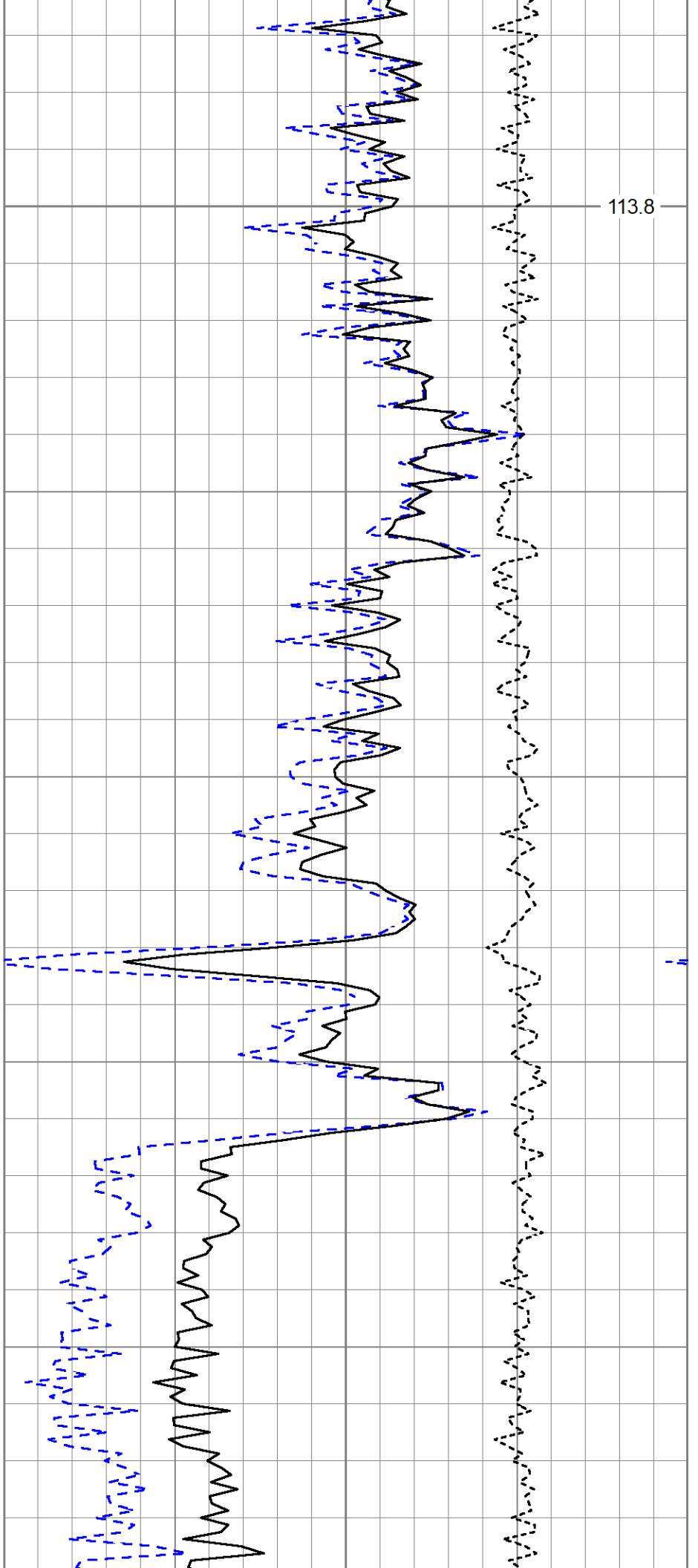
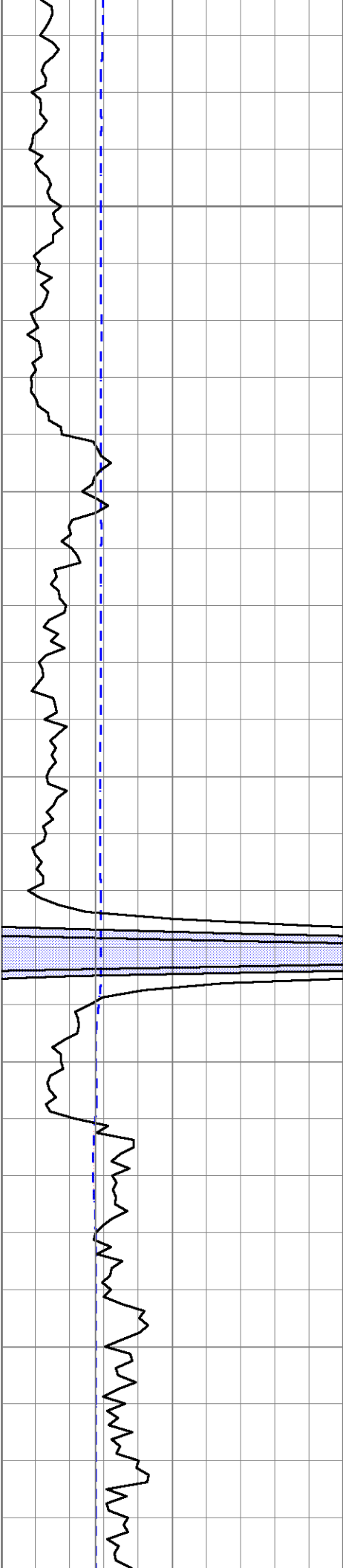
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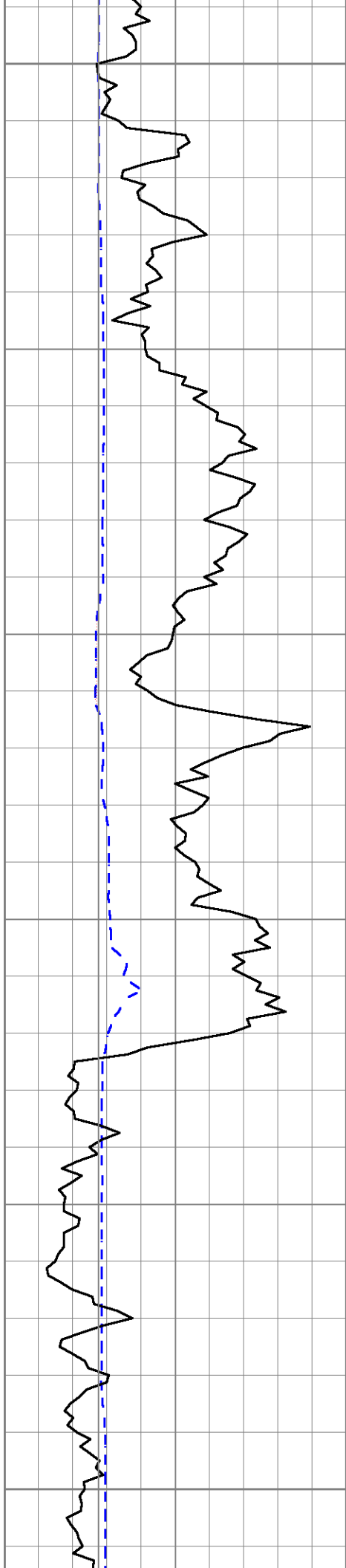
121.4



400

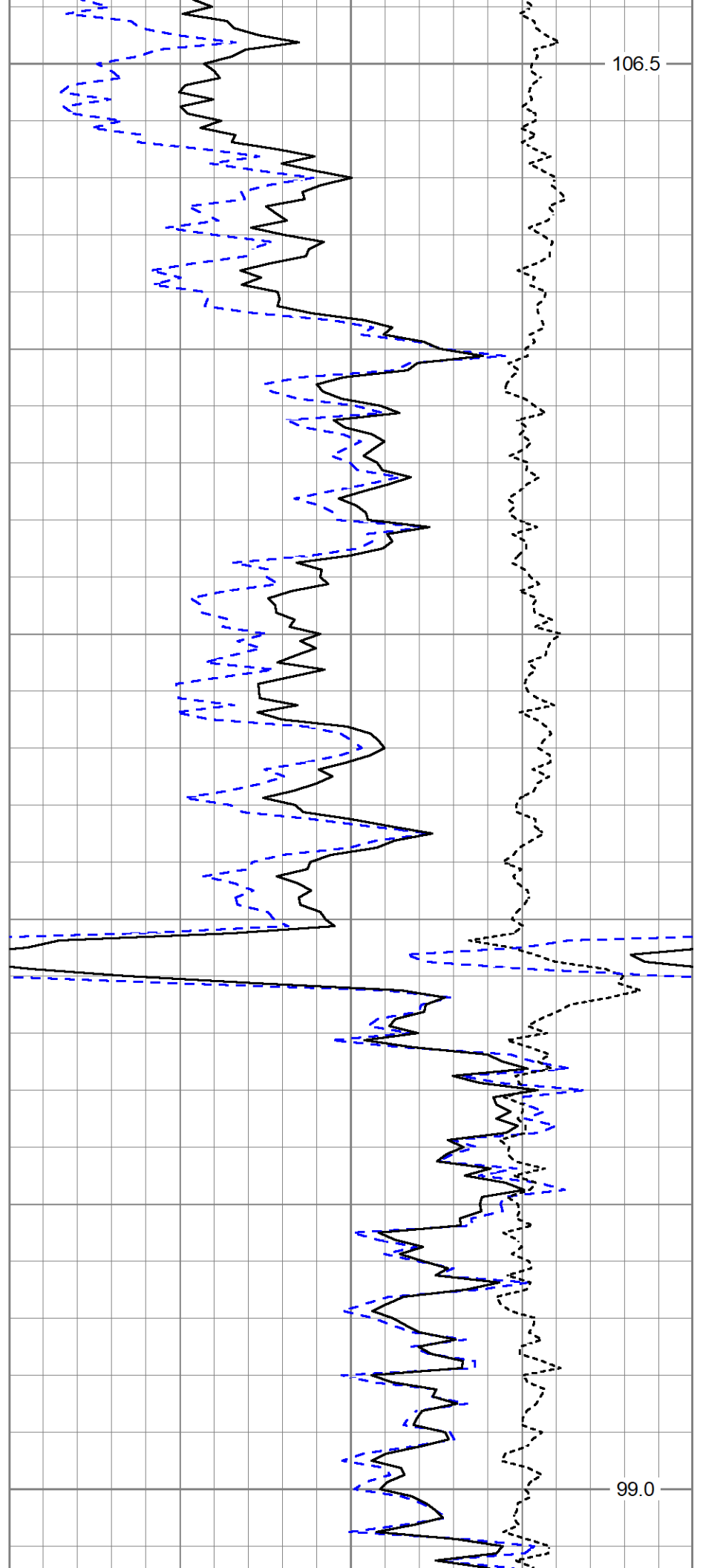
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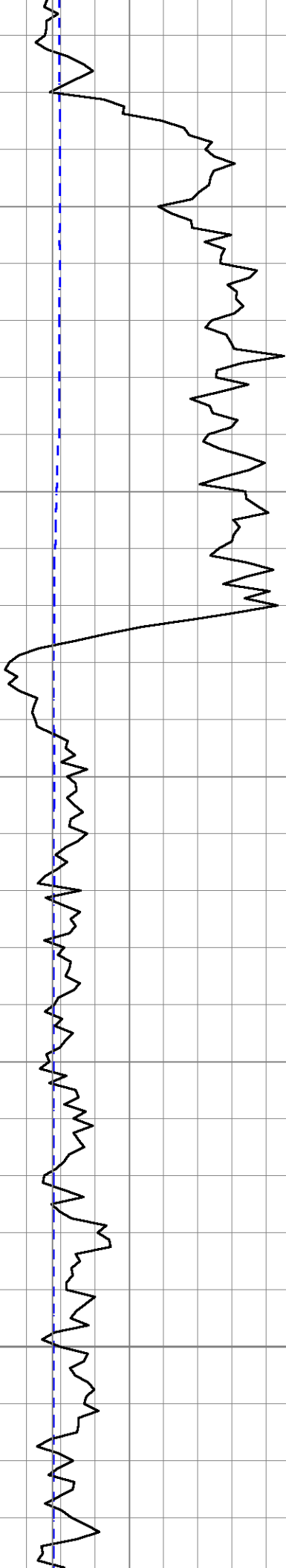
450

500

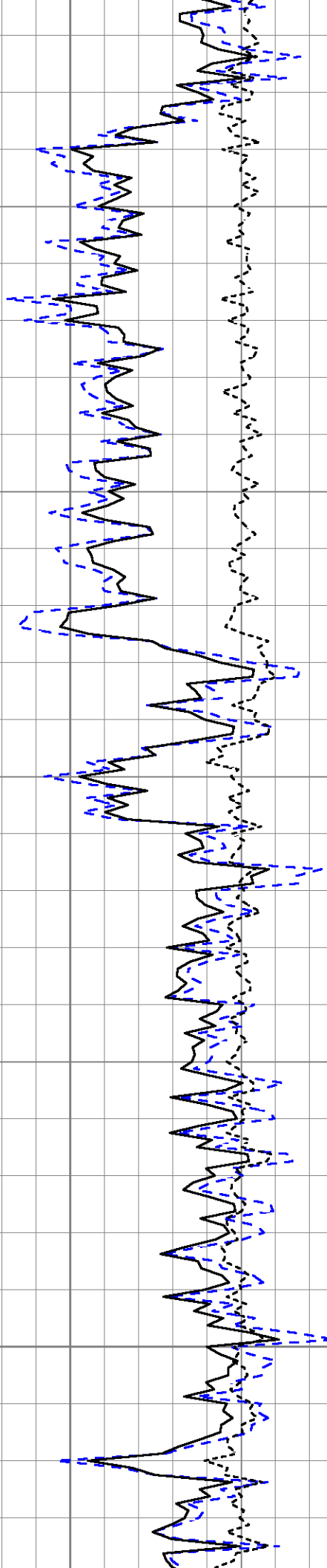


106.5

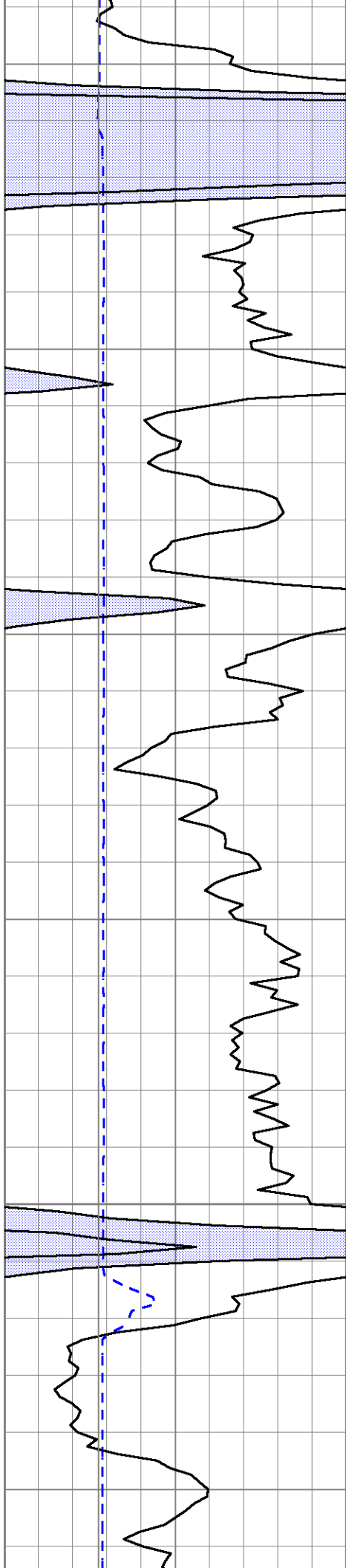
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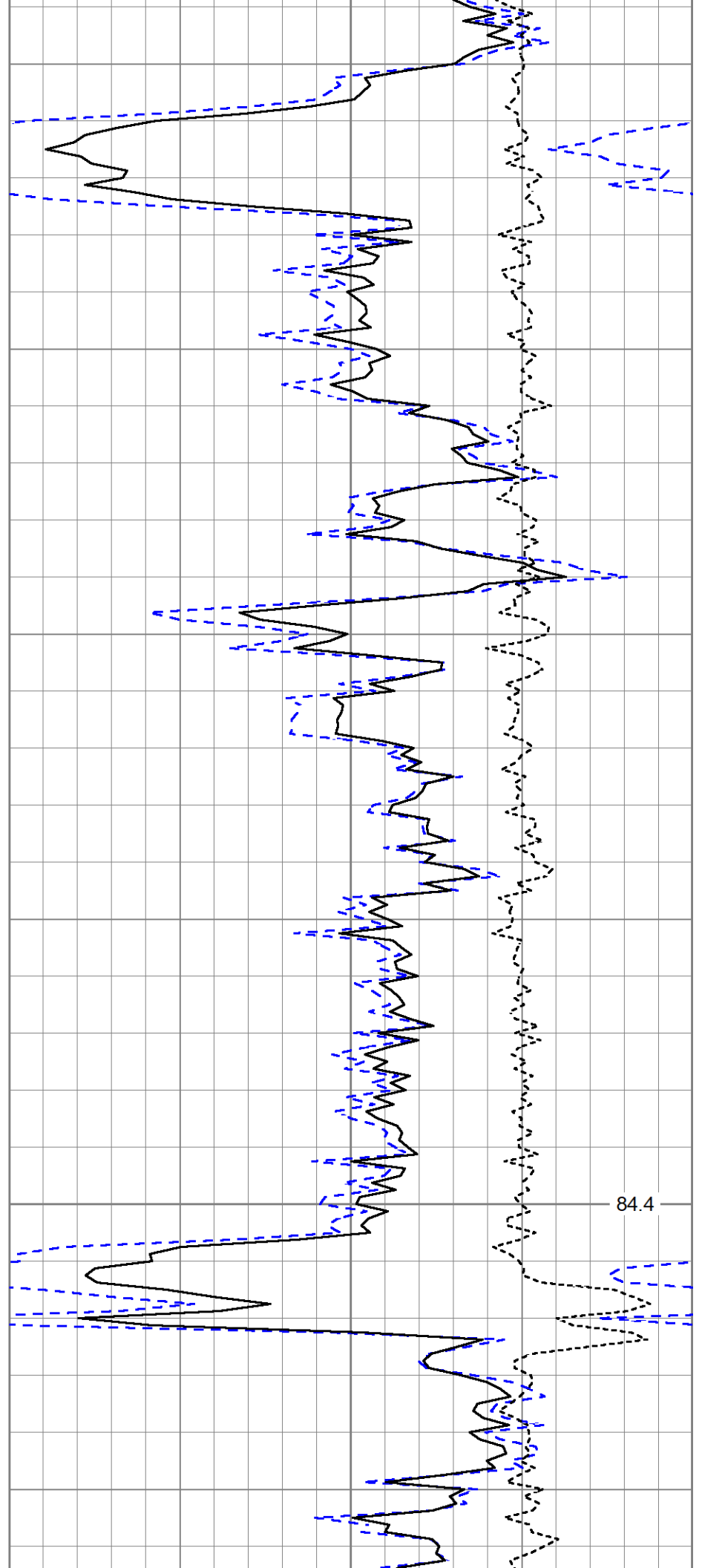
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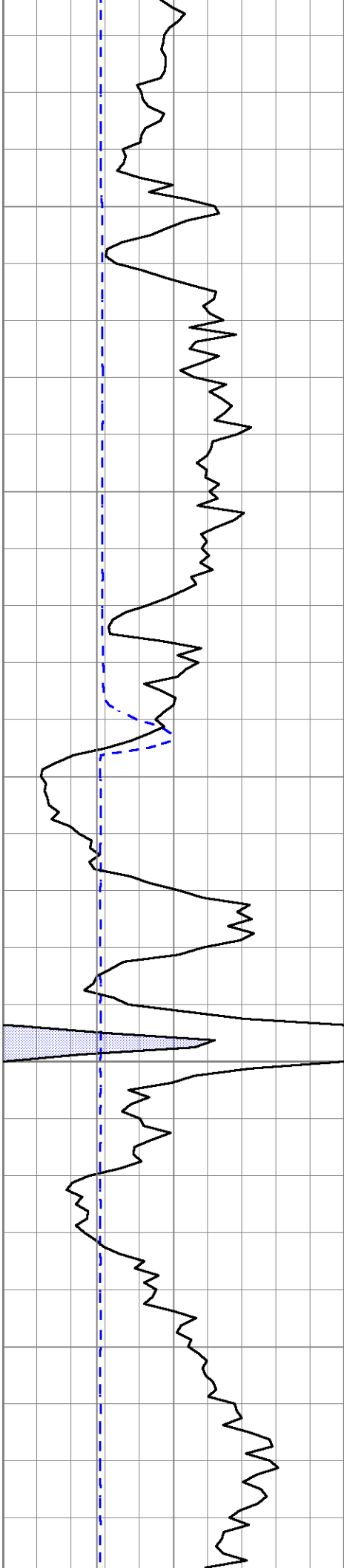
91.7



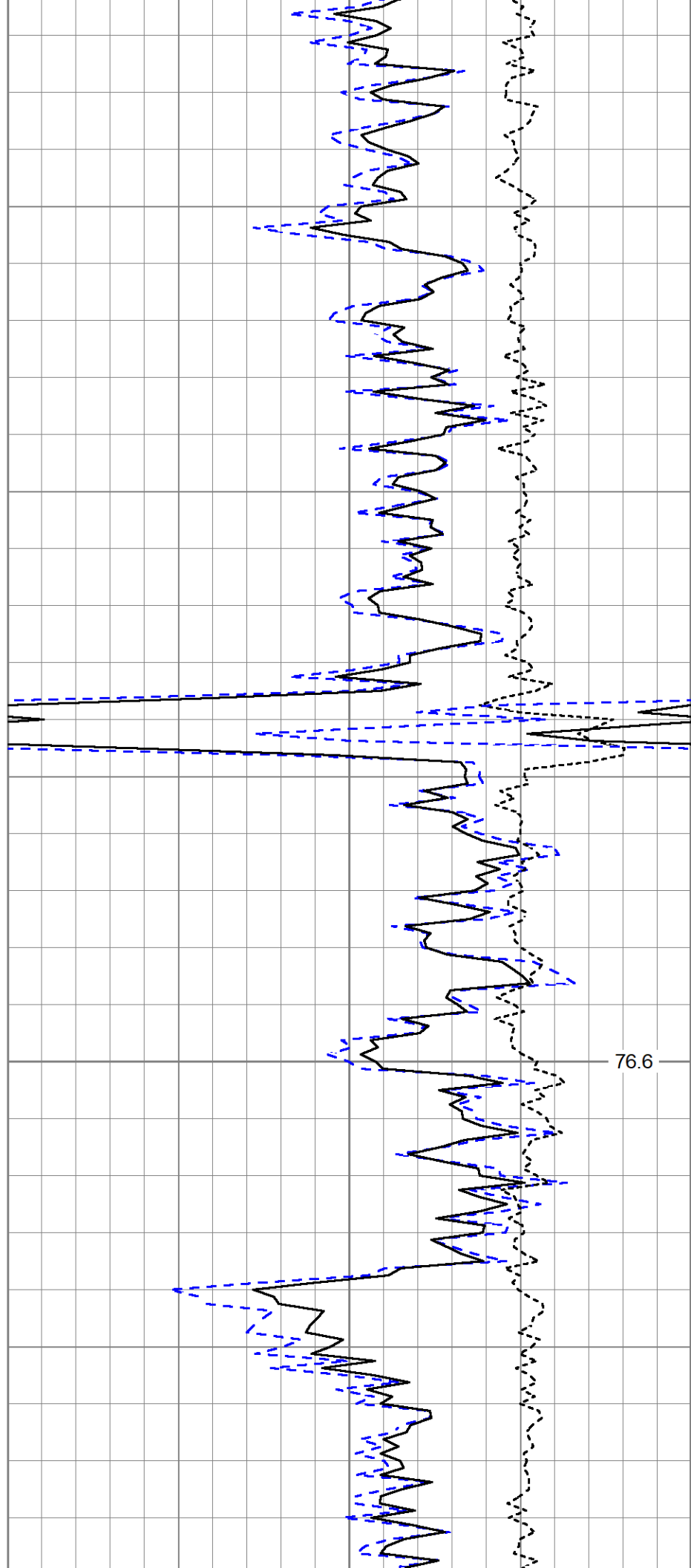
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84.4



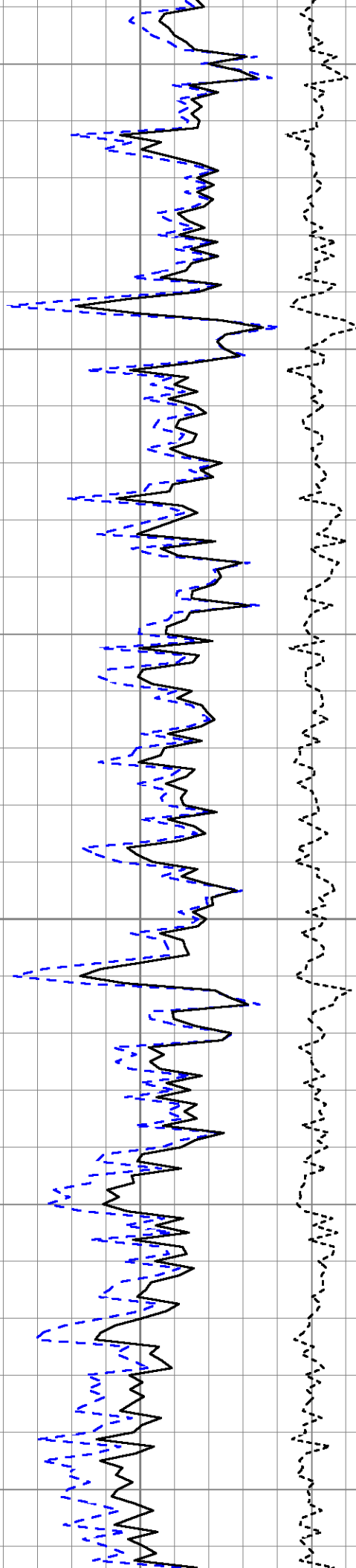
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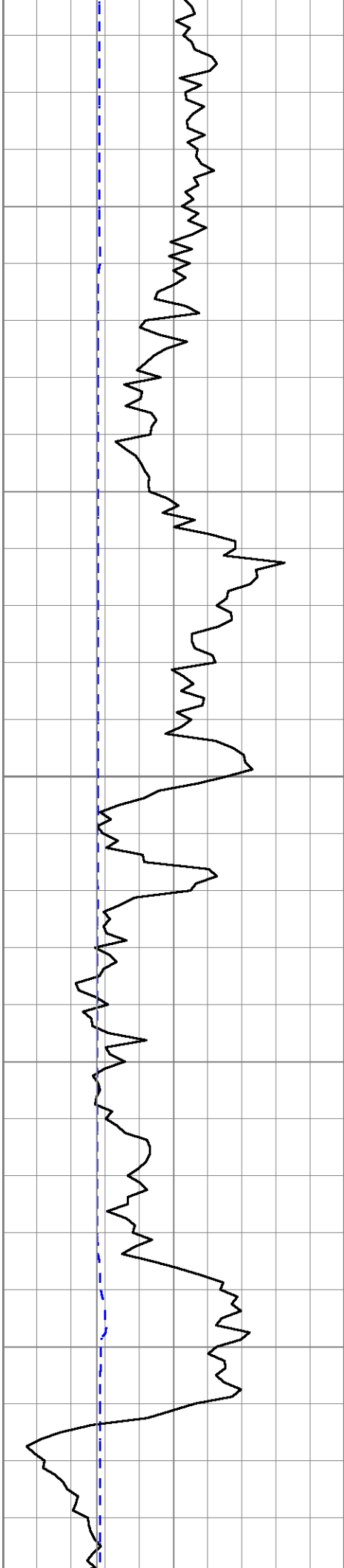
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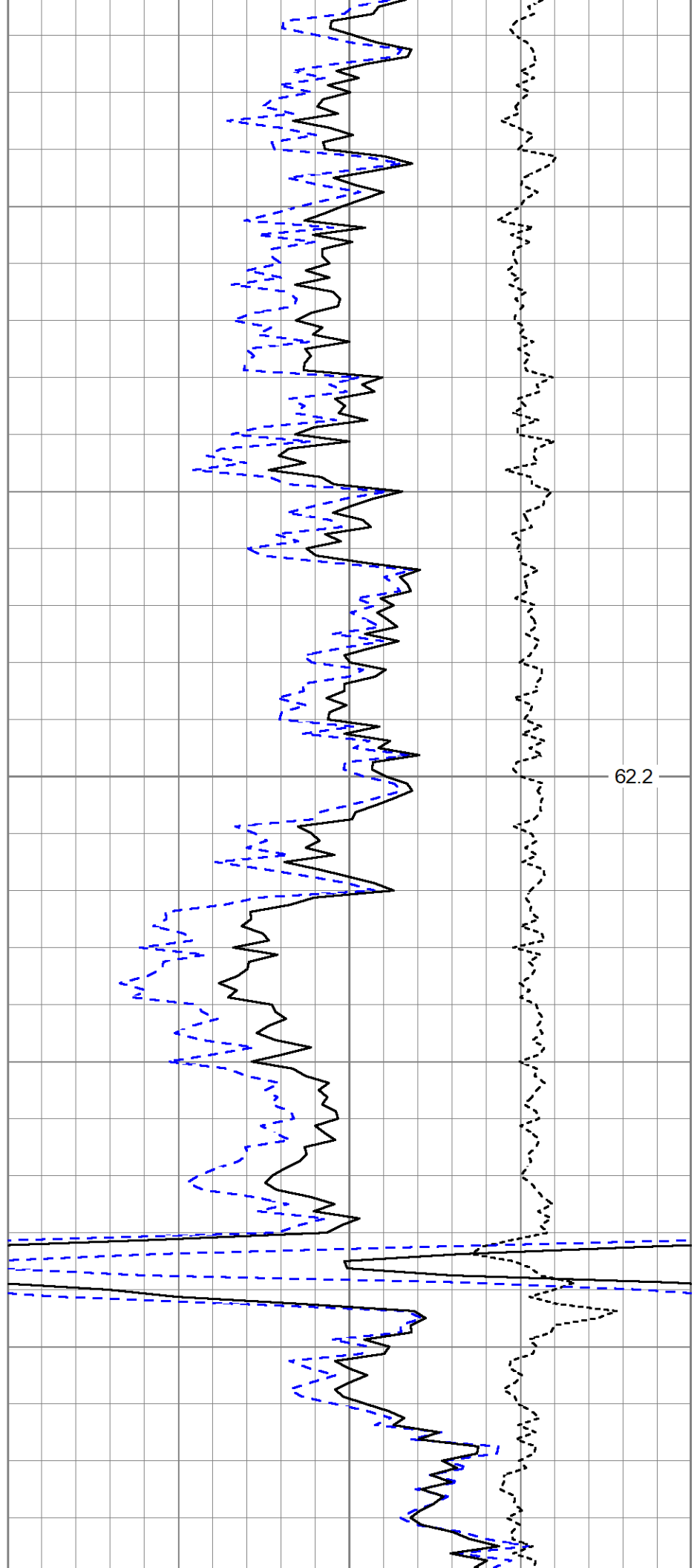
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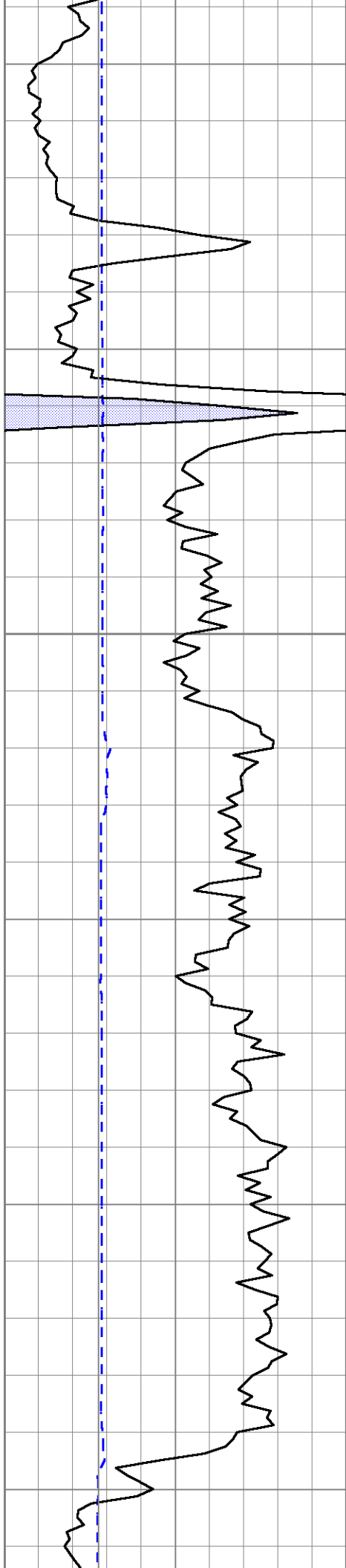
69.3



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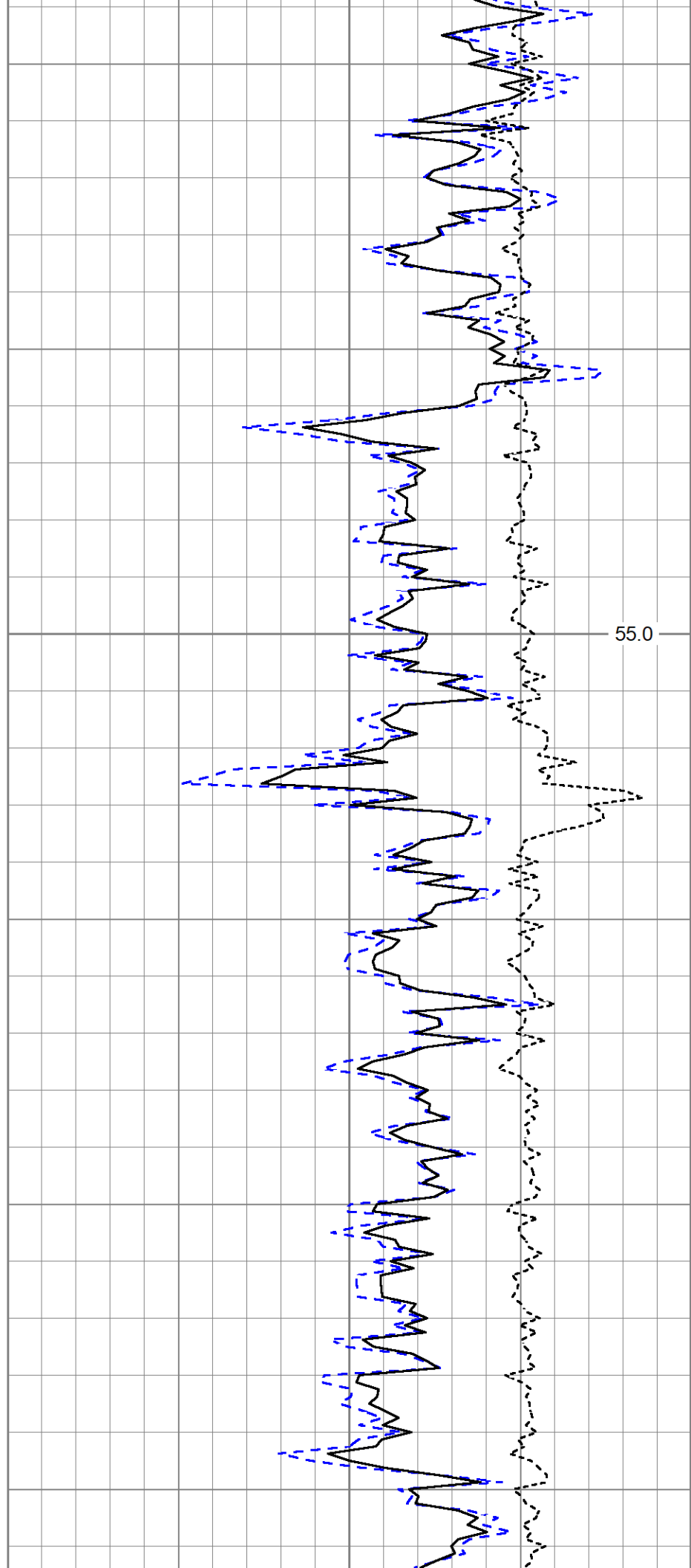


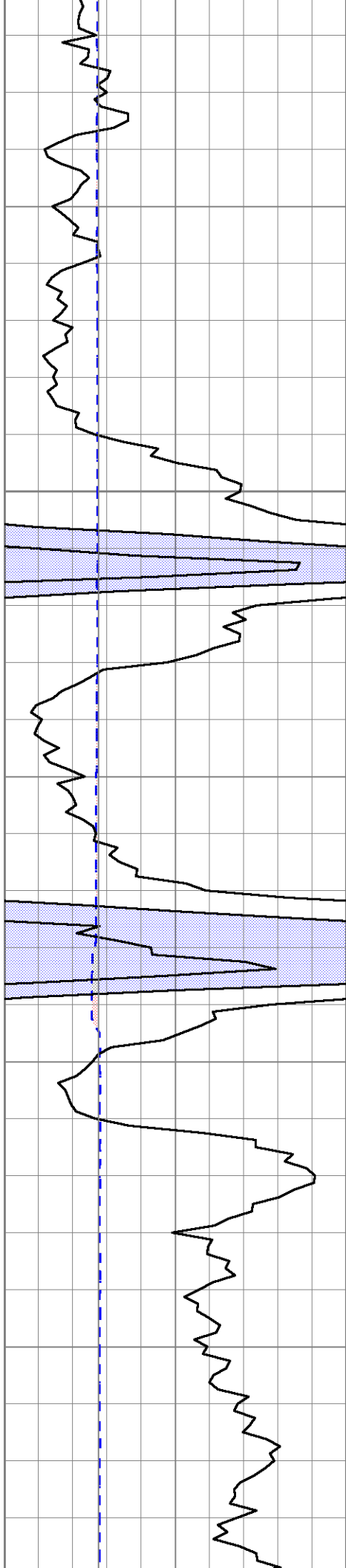
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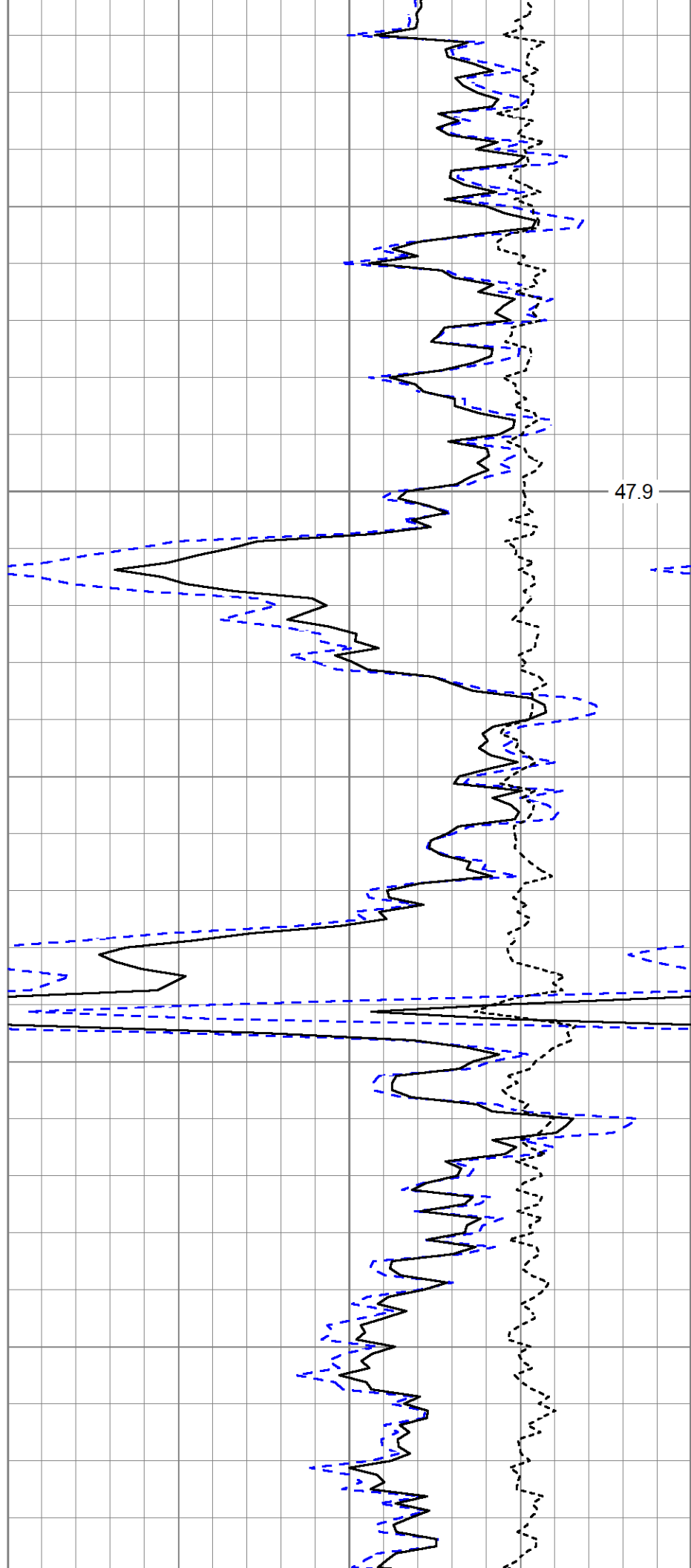
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55.0

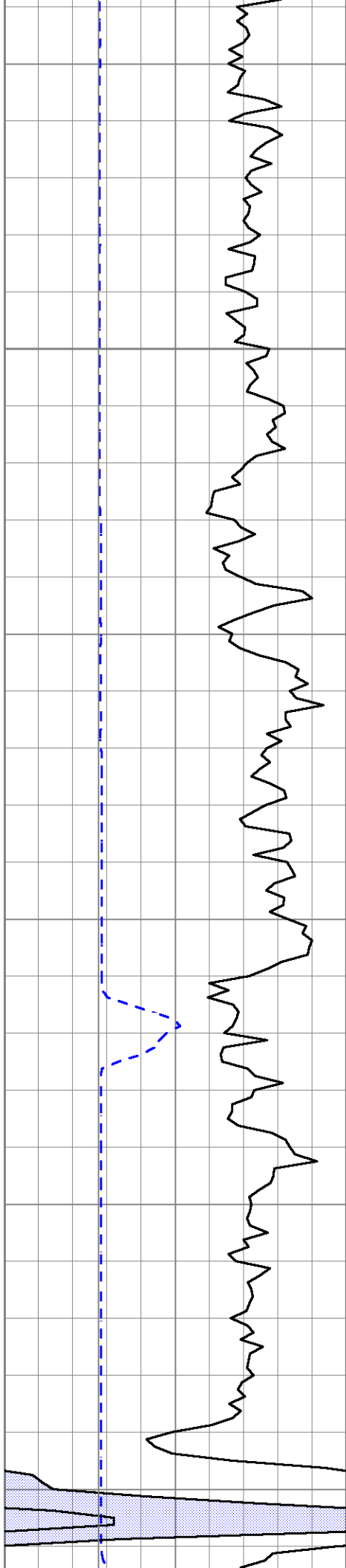




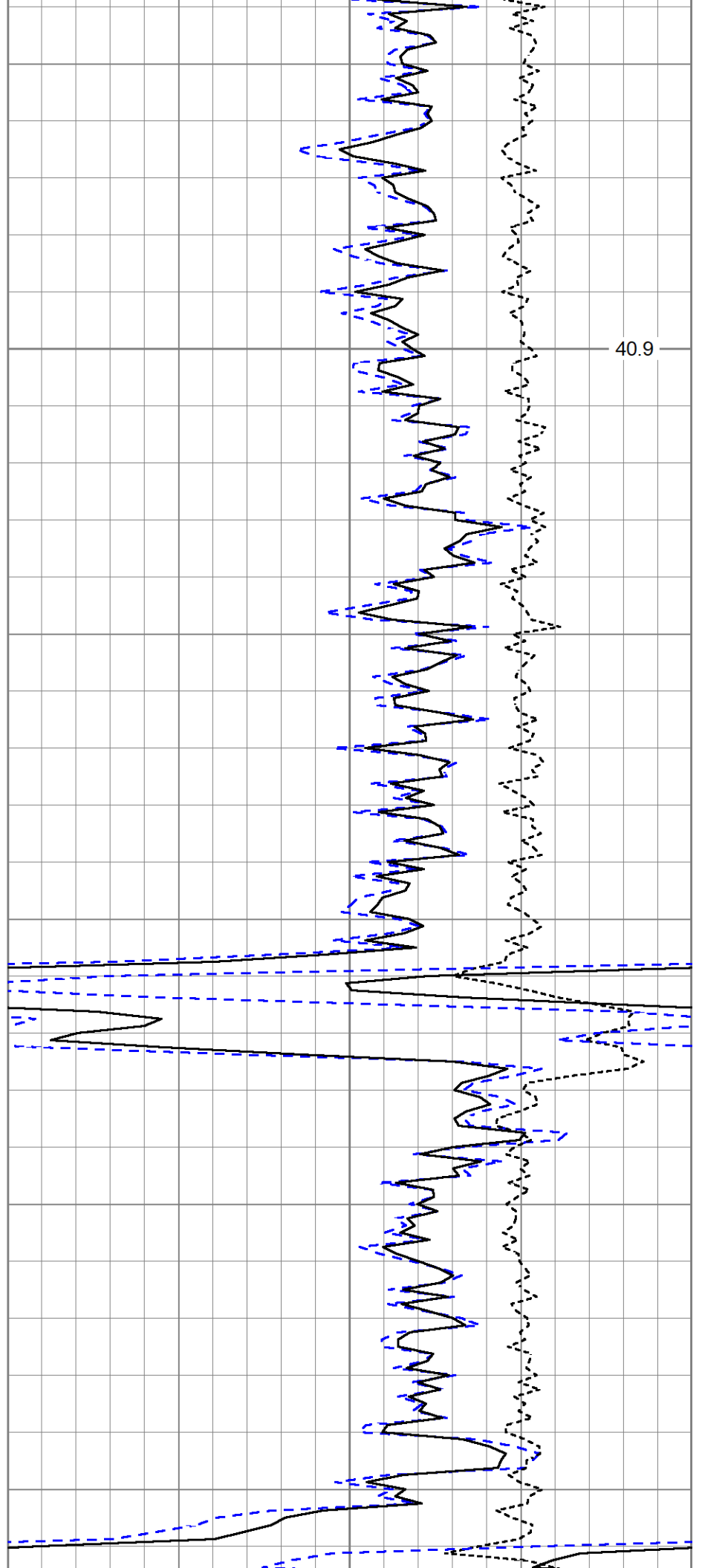
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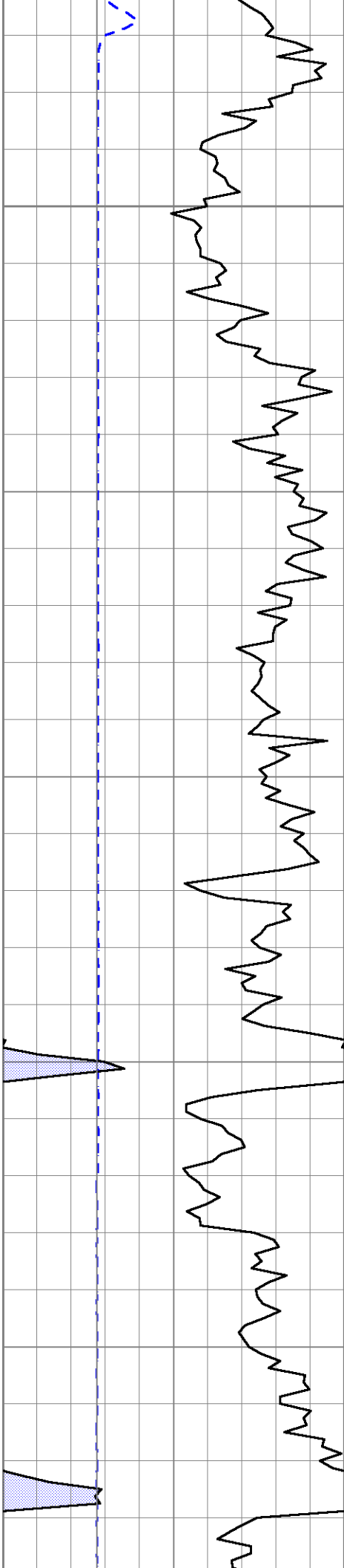
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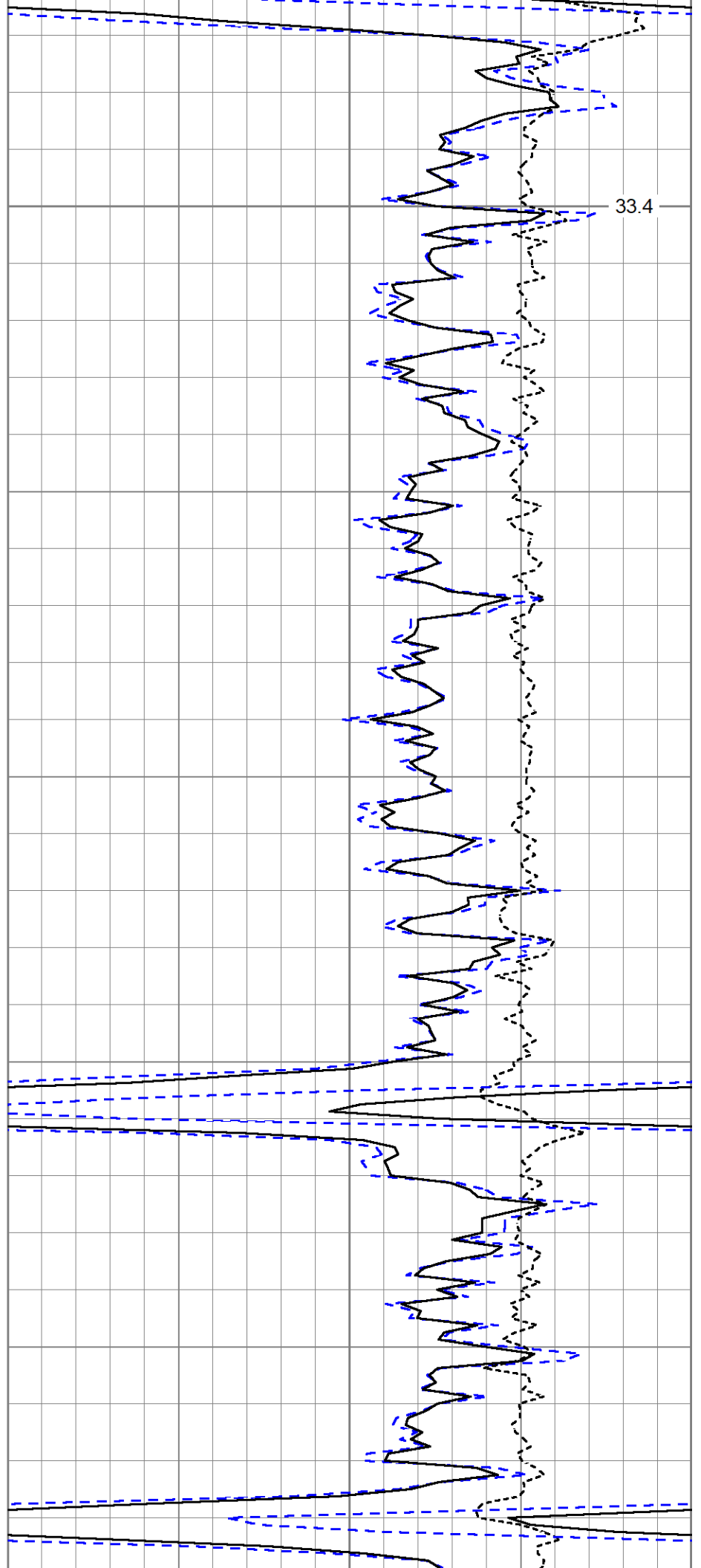
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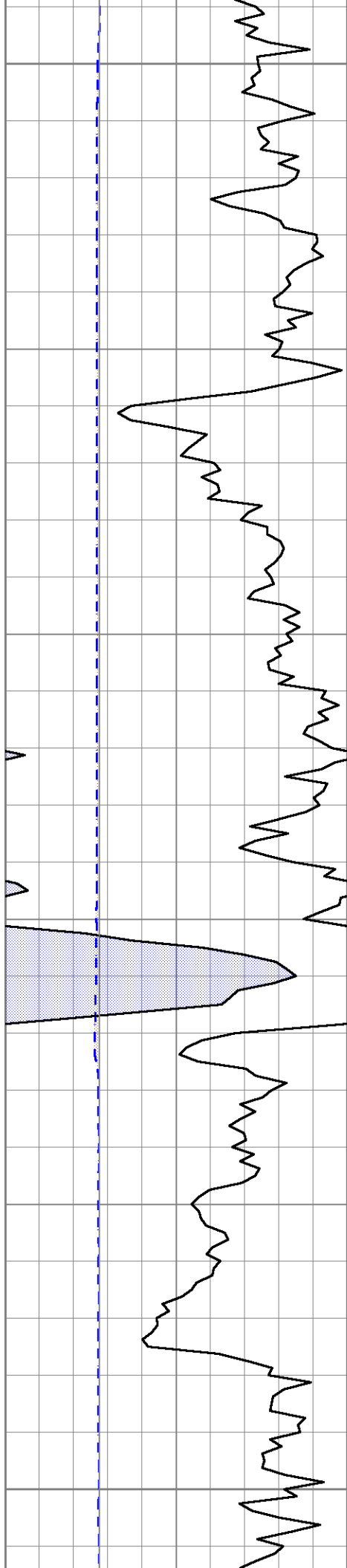
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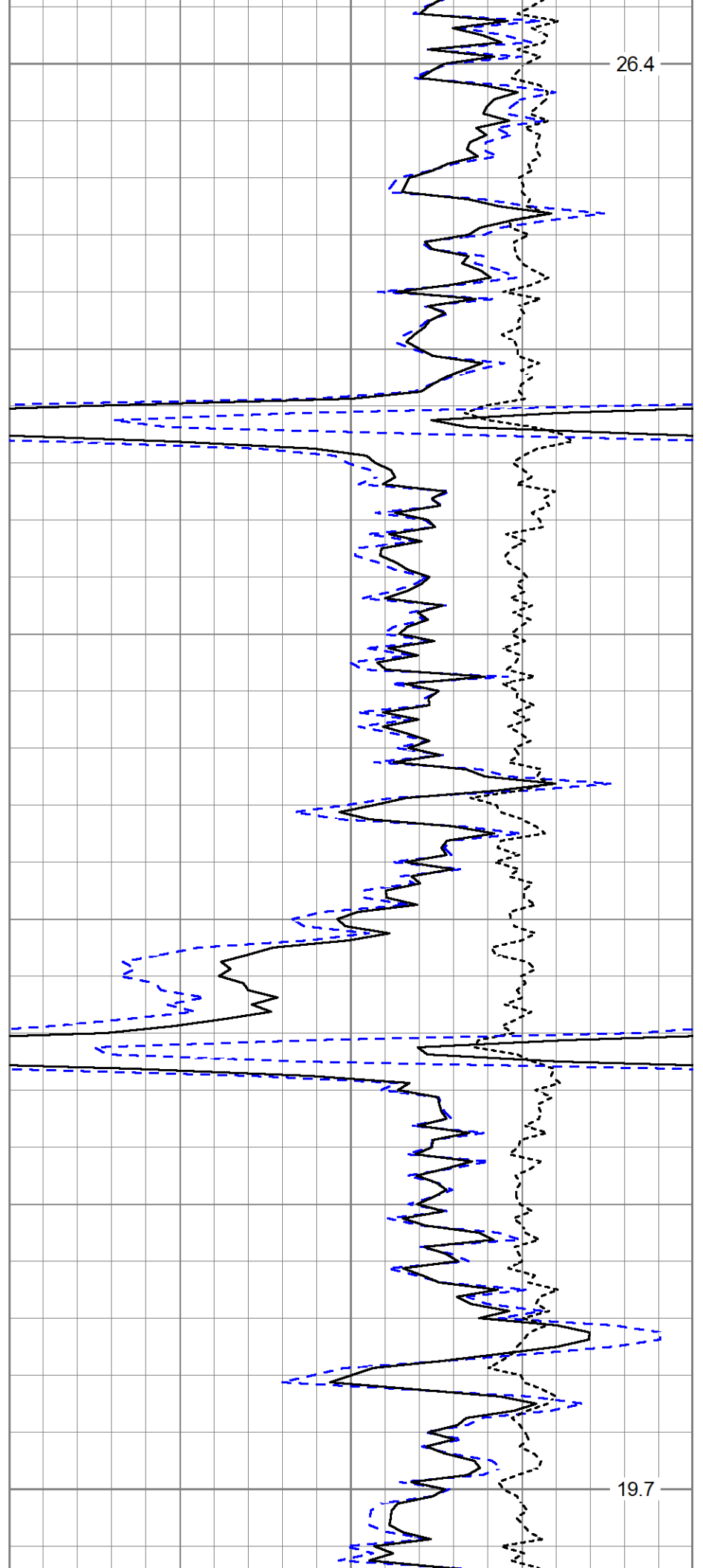


33.4



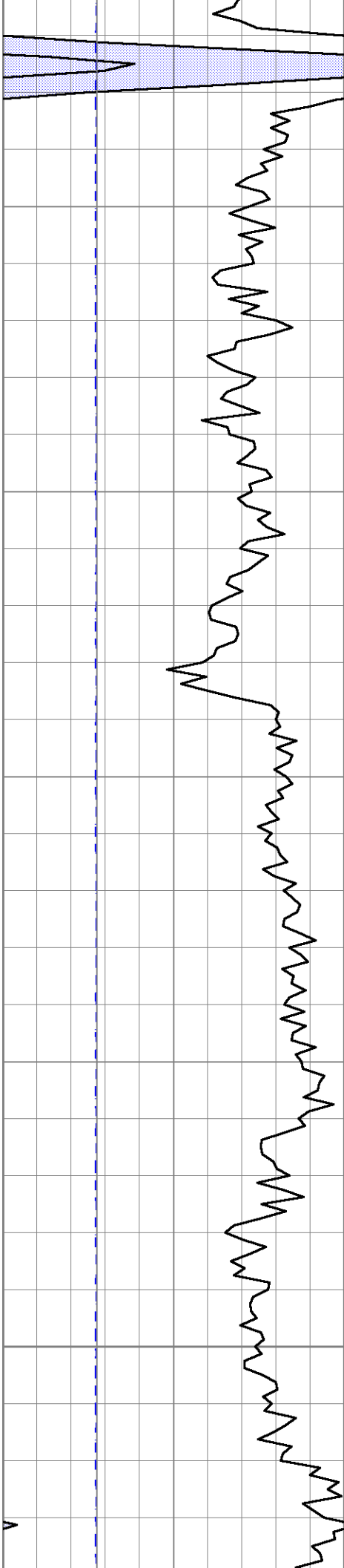
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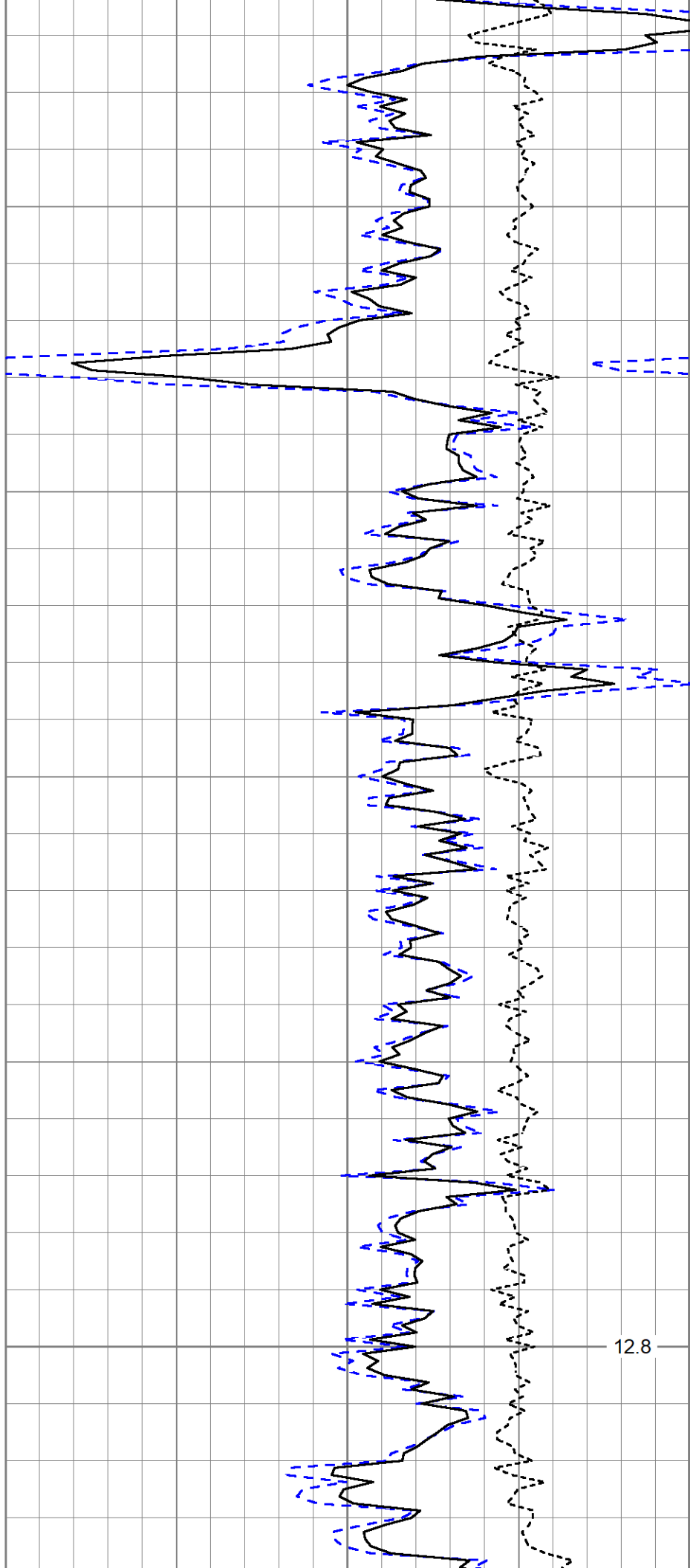


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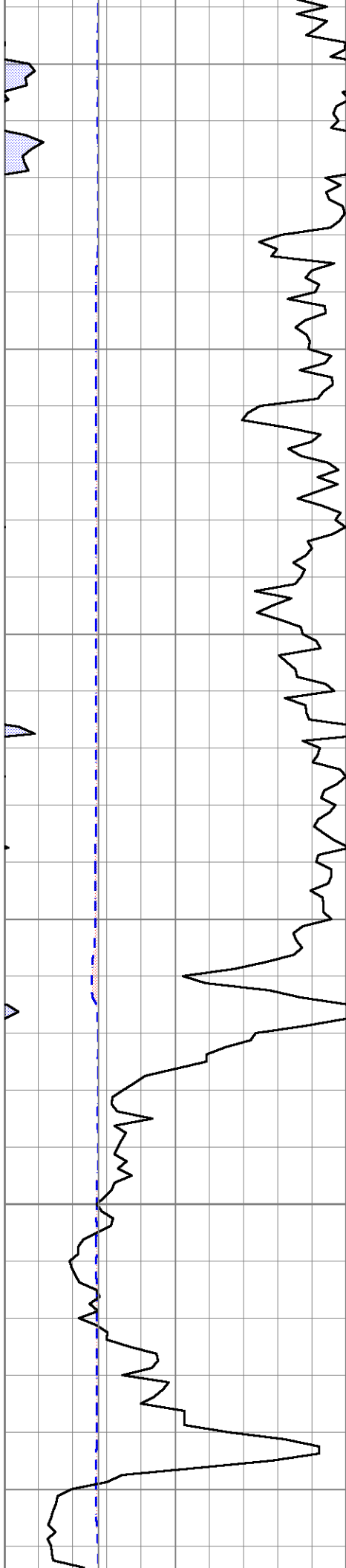
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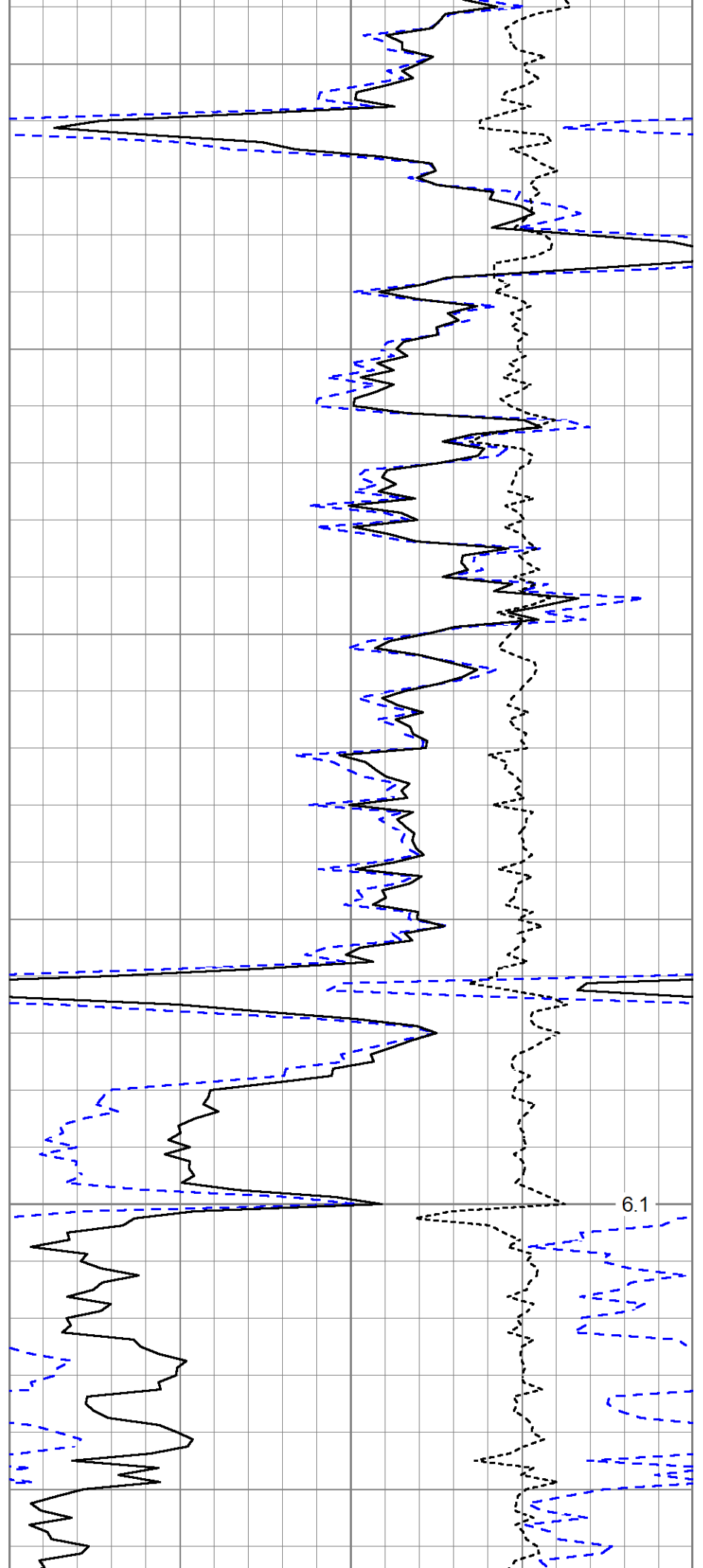
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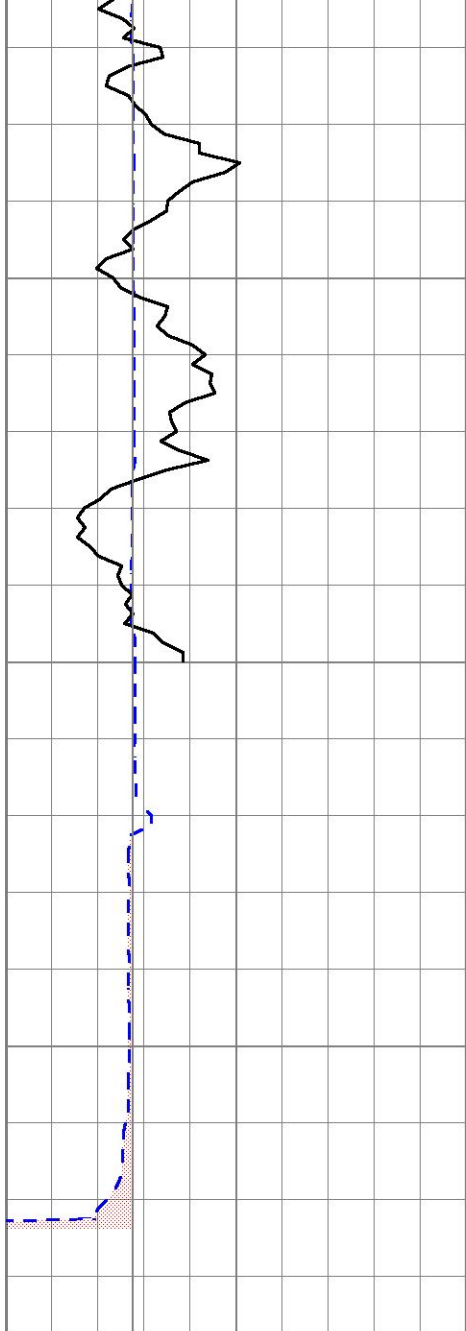
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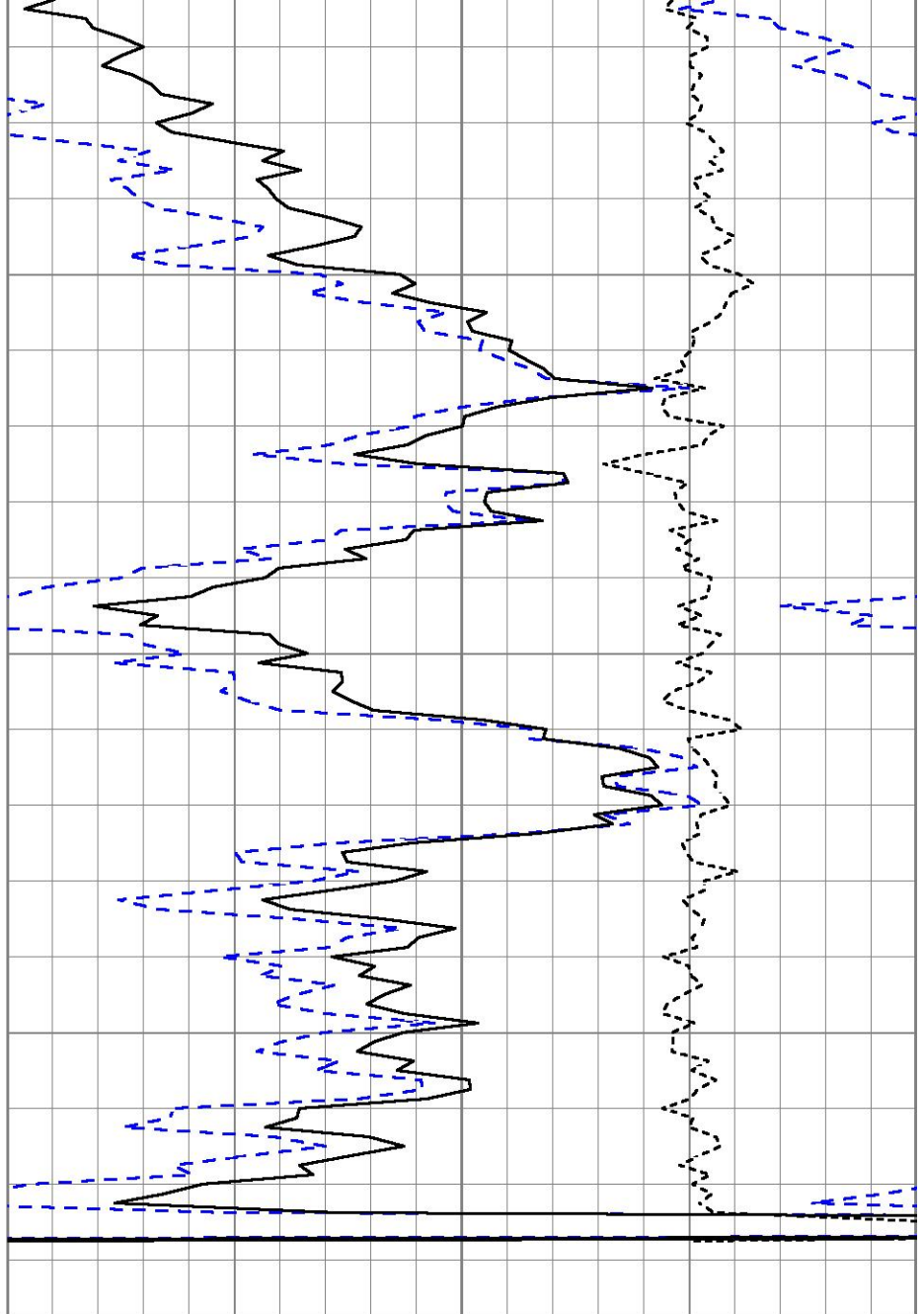
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6.1



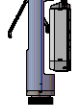
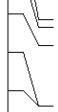
4	Density Caliper (in)	14
0	Gamma Ray (GAPI)	150
4	Bit Size (in)	14



30	Density Porosity (pu)	-10
2	Bulk Density (g/cc)	3
-0.5	Correction (g/cc)	0.5
ABHV (ft3)		

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
ACCY	17.83		ADMYR_TELEMETRY-OSAGE_01 (Refurb01) Admyr Telemetry With Gr, Deviation, ADC board and Pulses Board in it.	3.69	3.25	53.00
ACCX	17.83					
GR	16.65					
FRAMES	15.33		NEU-ADDON (ADMYR1) Inline Neutron	5.65	3.38	84.00
SSTAT	15.33					
PSTAT	15.33					
ASTAT	15.33					
NEU	11.66					
DCAL	2.79	ADT1LITH-C: Digital Density (1C)	9.69	0.00		
LSD	2.54					

SSD	1.96
PSTAT2	0.00
TR_Mon	0.00



Dataset:	ow2-8917 cherokee.db: field/well/run1/pass1
Total length:	19.02 ft
Total weight:	137.00 lb
O.D.:	3.38 in