

COMPUTALOG
WIRELINE, INC.

DRUMRIGHT, OK

**DUAL INDUCTION
SHALLOW GUARD
GAMMA RAY**

Company	REDTAIL INVESTMENTS L.L.C.	Company	REDTAIL INVESTMENTS L.L.C.
Well	REDTAIL # 2	Well	REDTAIL # 2
Field	NORTH MADDIX	Field	NORTH MADDIX
County	COWLEY	County	COWLEY
State	KANSAS	State	KANSAS
Location:	API # :	Other Services	CDL-CNL MRL
Permanent Datum	SEC 07 TWP 33S RGE 06E	Elevation	1281'
Log Measured From	G.L. 0'	K.B.	
Drilling Measured From	K.B.	D.F.	
		G.L.	1281'

Date	4-11-2020
Run Number	ONE
Depth Driller	3250'
Depth Logger	3247'
Bottom Logged Interval	3245'
Top Log Interval	SURF.
Casing Driller	310'
Casing Logger	311'
Bit Size	7 7/8
Type Fluid in Hole	CHEM GEL
Density / Viscosity	9.5/55
pH / Fluid Loss	10.5/8.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp	3.0@90F
Rmf @ Meas. Temp	2.2@90f
Rmc @ Meas. Temp	3.7@90F
Source of Rmf / Rmc	C
Rm @ BHT	
Time Circulation Stopped	1030
Time Logger on Bottom	1400
Maximum Recorded Temperature	111F
Equipment Number	5504
Location	CUSHING
Recorded By	J.DELONG
Witnessed By	MR. HOWARD

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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

Calibration Report

Database File: redtail_2.db
Dataset Pathname: Maddix/redTAIL_2/Dig1/pass3
Dataset Creation: Sat Apr 11 13:43:22 2020 by Log SOC 120430

Dual Induction Calibration Report

Serial-Model:	G_5592-GEAR-GEAR
Surface Cal Performed:	Mon Nov 18 15:18:05 2013
Downhole Cal Performed:	Sun Jan 09 12:07:57 2011
After Survey Verification Performed:	Sun Jan 09 12:08:00 2011

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	-0.004	0.741	V	0.000	400.000	mmho/m	536.987	1.944
Medium	-0.001	0.957	V	0.000	464.000	mmho/m	484.221	0.700
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.643	V	0.000	500.000	mmho/m	790.833	-8.553
Medium	0.007	0.735	V	0.000	500.000	mmho/m	686.436	-4.743

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	7.751	347.258	mmho/m	1.000	0.000
Medium	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000
LL3		7.400	V		1500.000	Ohm-m		
		0.015	V		20.000	Ohm-m		
		-7.300	V		3740.000	mmho-m		

After Survey Verification

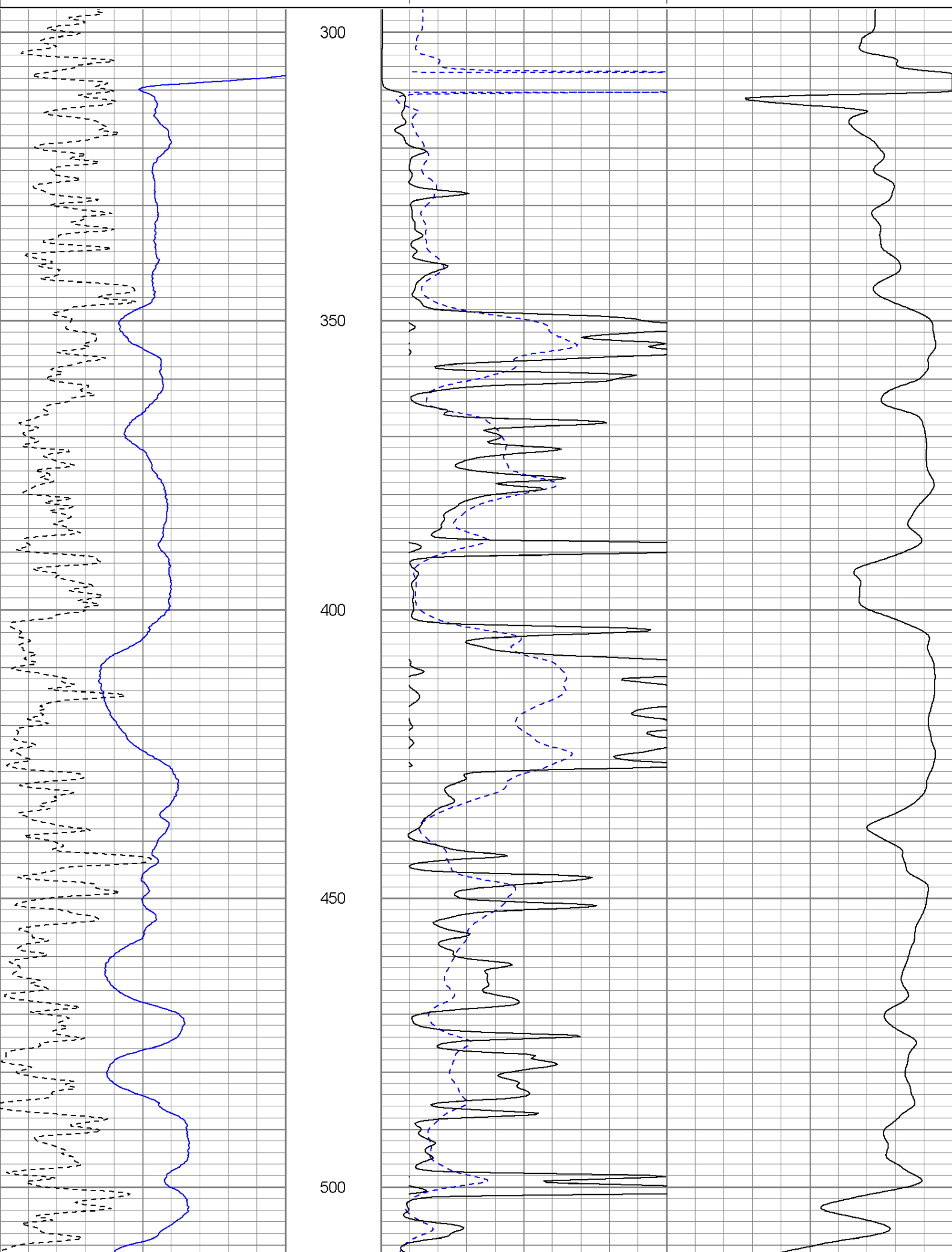
	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000
LL3		1.000	Ohm-m		500.000	Ohm-m		
		0.000	Ohm-m		3.200	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		

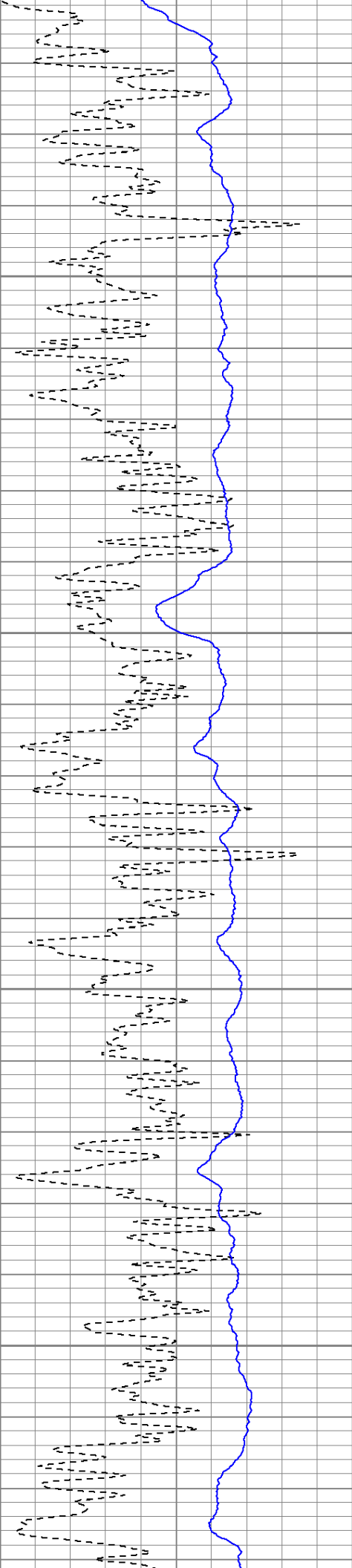
Gamma Ray Calibration Report

Serial Number:	GR2001	
Tool Model:	GEAR_A	
Performed:	Mon Mar 31 19:01:06 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.6	cps
Calibrator Reading:	1.0	cps
Sensitivity:	2.2000	GAPI/cps

Database File:	redtail_2.db
Dataset Pathname:	Maddix/rEDTAIL_2/Dig1/pass3
Presentation Format:	dil2lin
Dataset Creation:	Sat Apr 11 13:43:22 2020 by Log SOC 120430
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	0	DEEP (Ohm-m)	50
-100	SP (mV)	100	0	SHALLOW (Ohm-m)	50
			1000	CILD (mmho/m)	0
			50	RILD (Ohm-m)	500



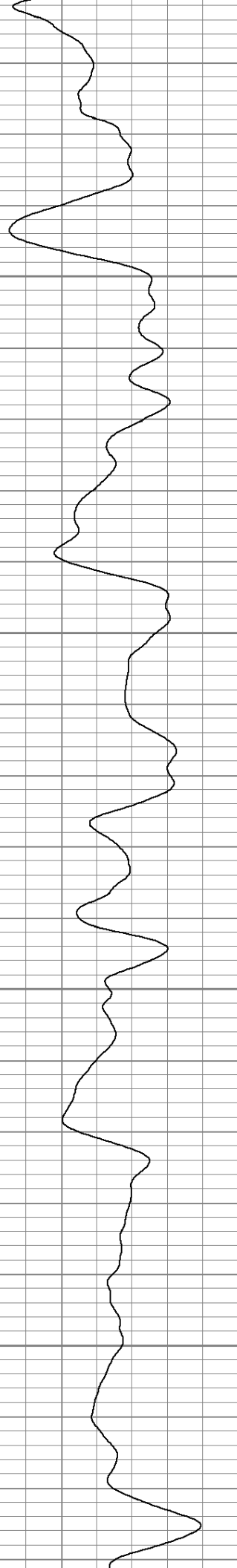
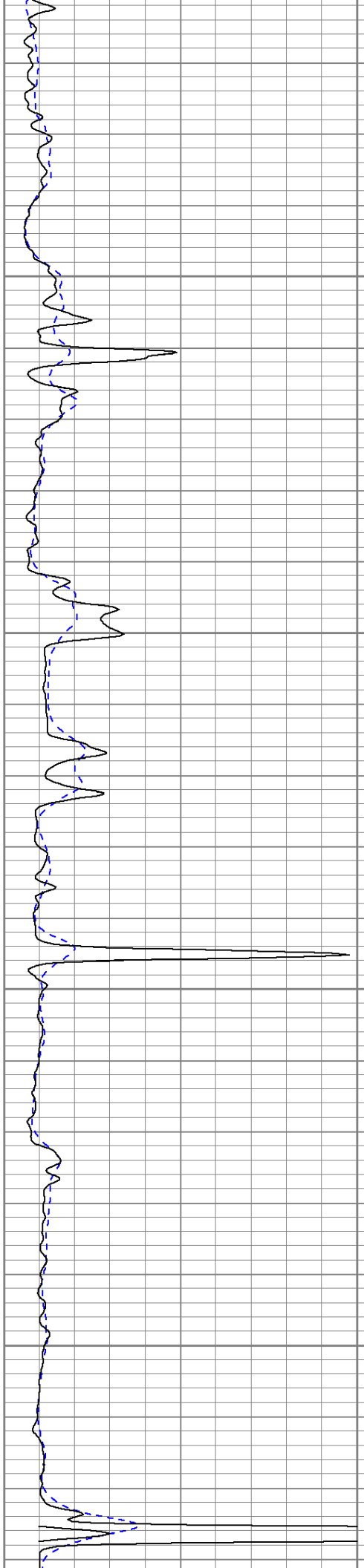


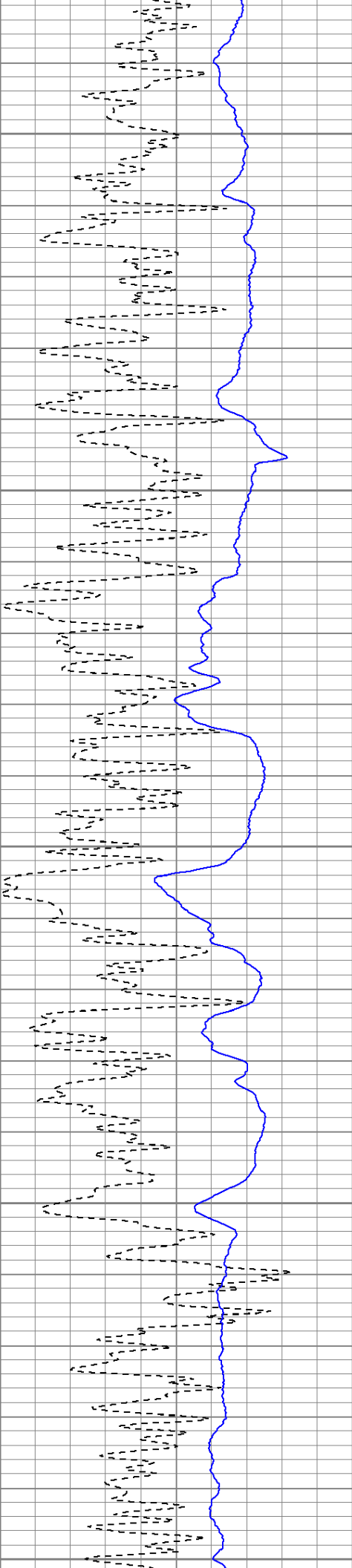
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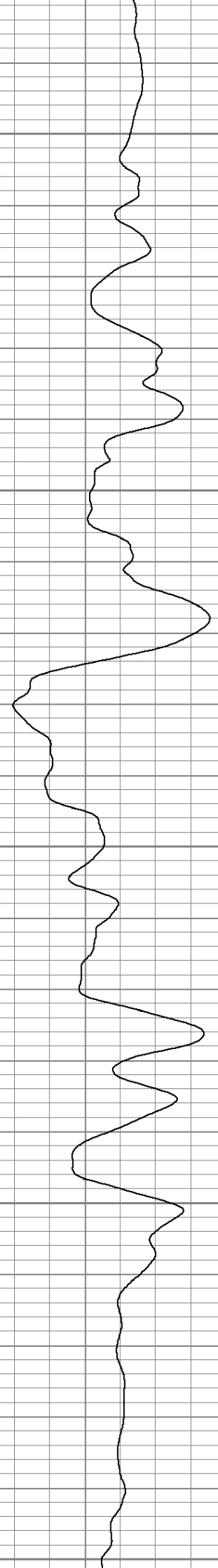
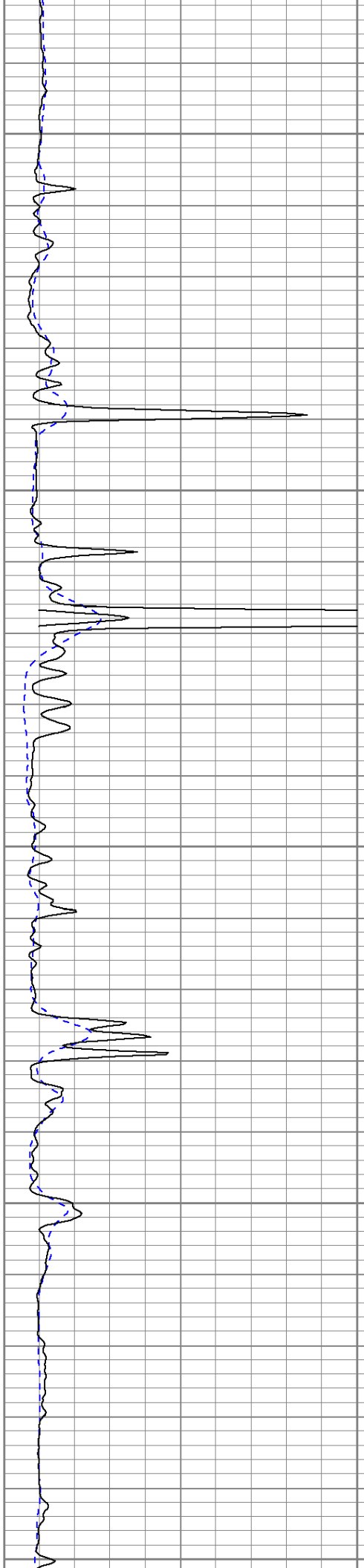
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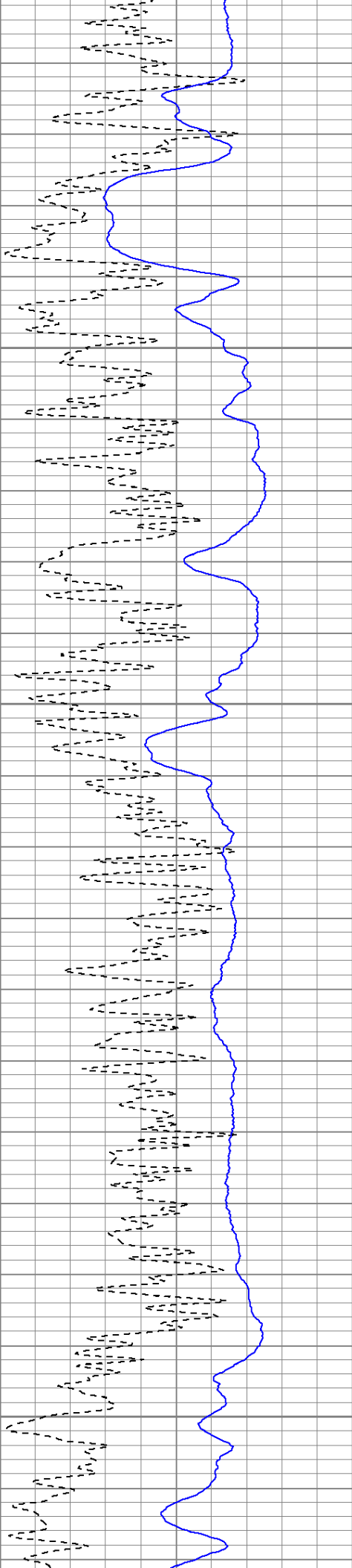
700





750
800
850
900
950



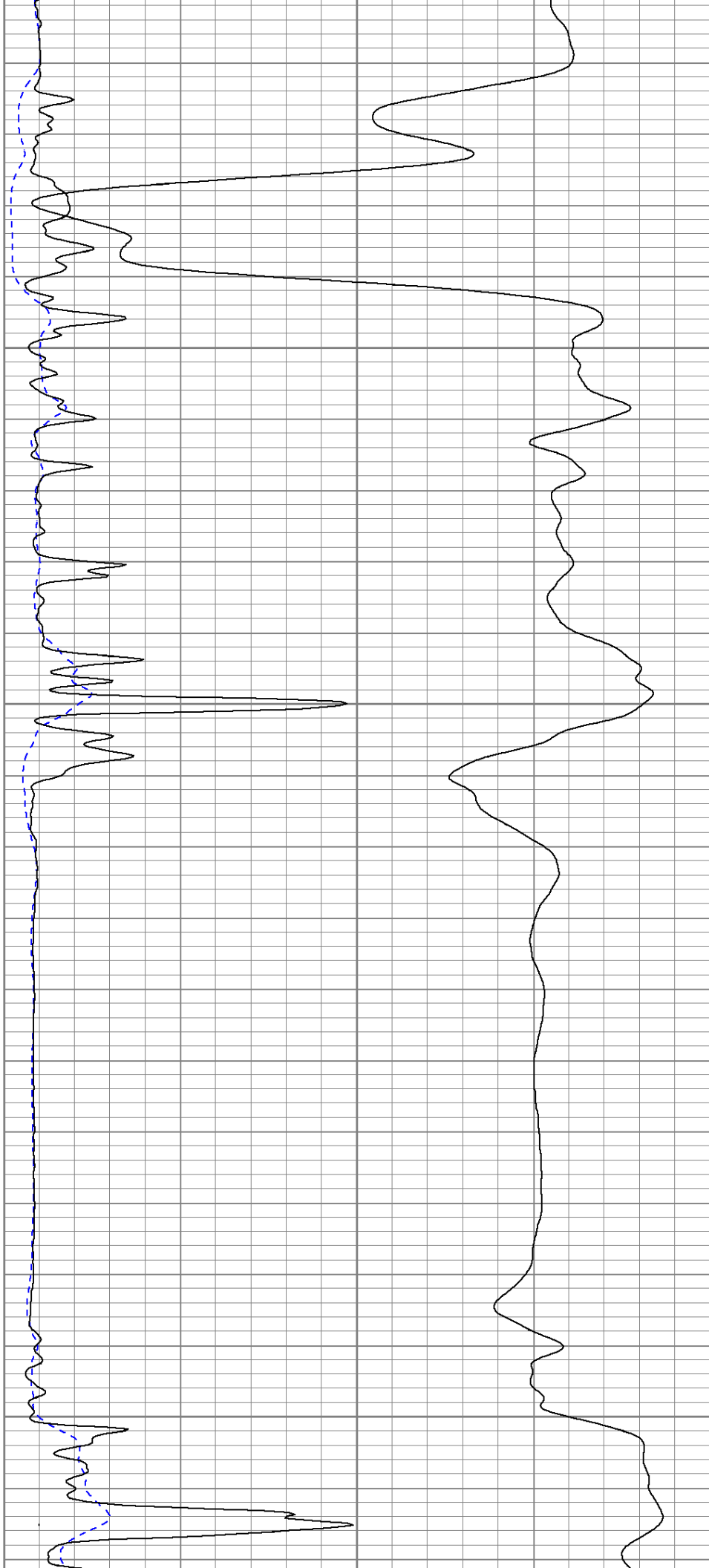


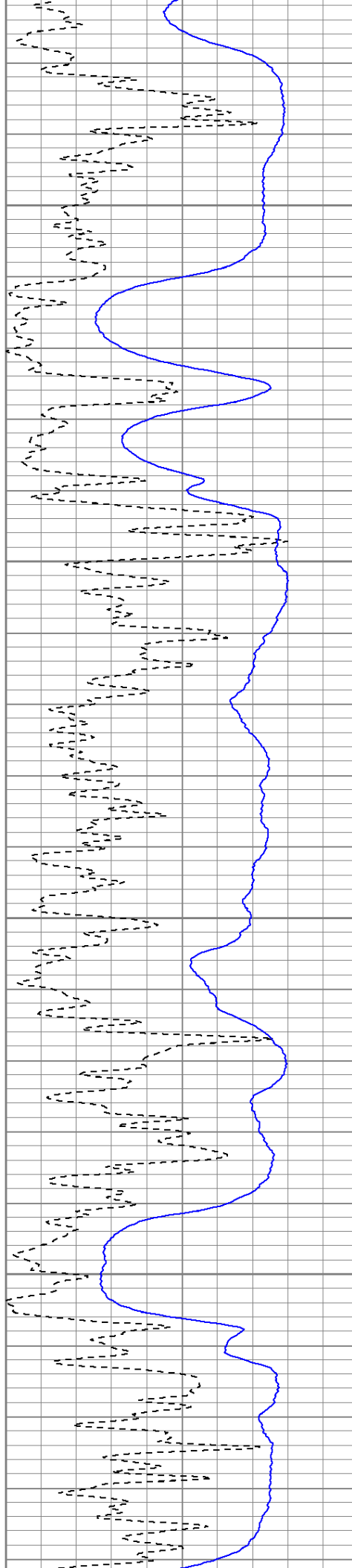
1000

1050

1100

1150



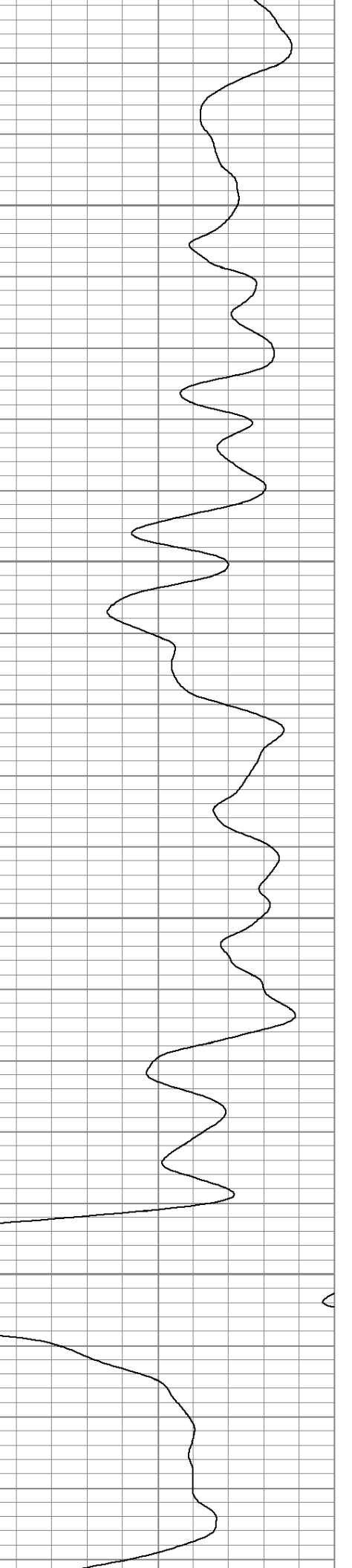
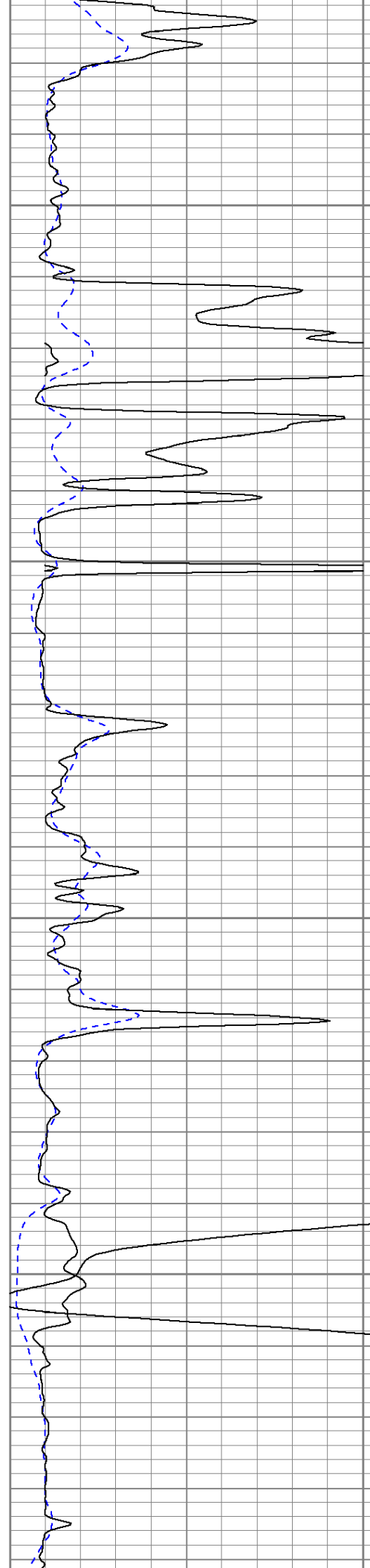


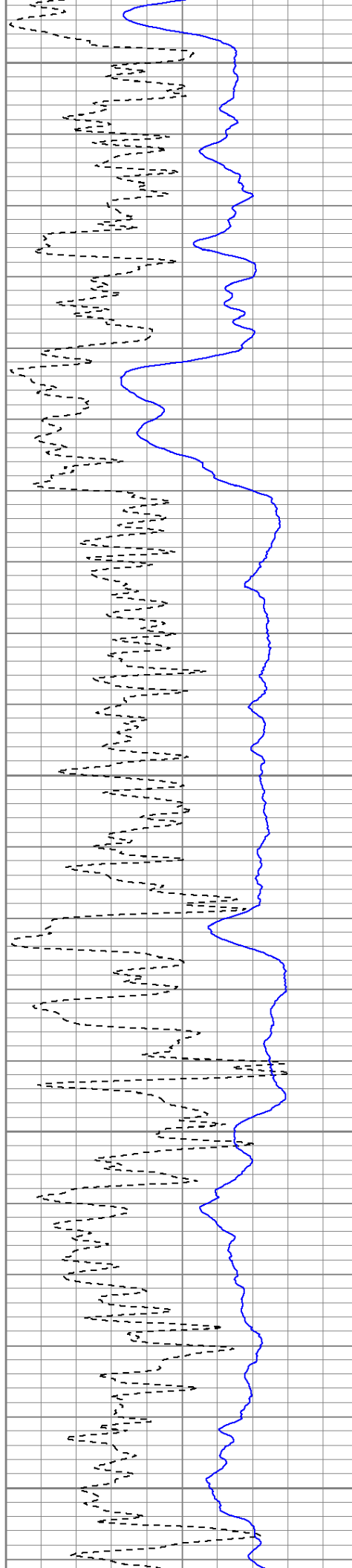
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1250

1300

1350





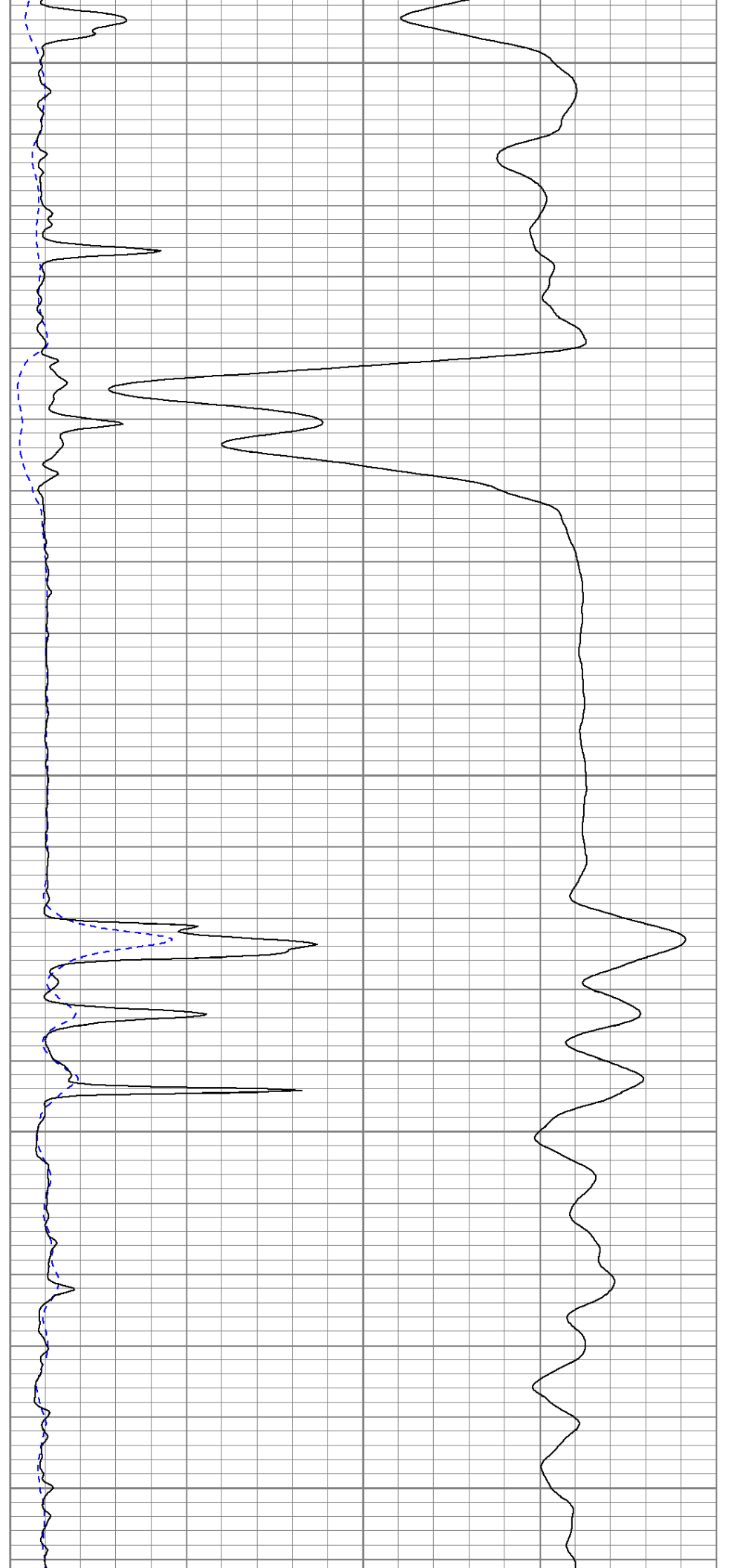
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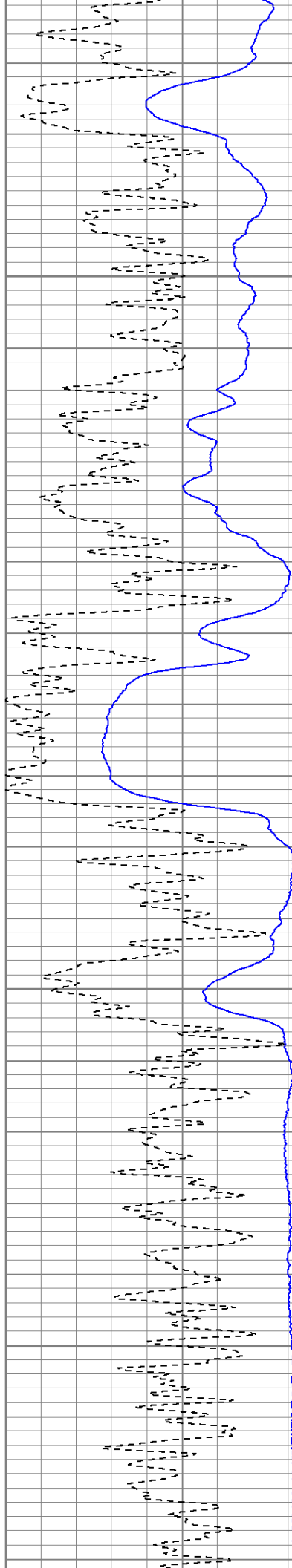
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1550

1600



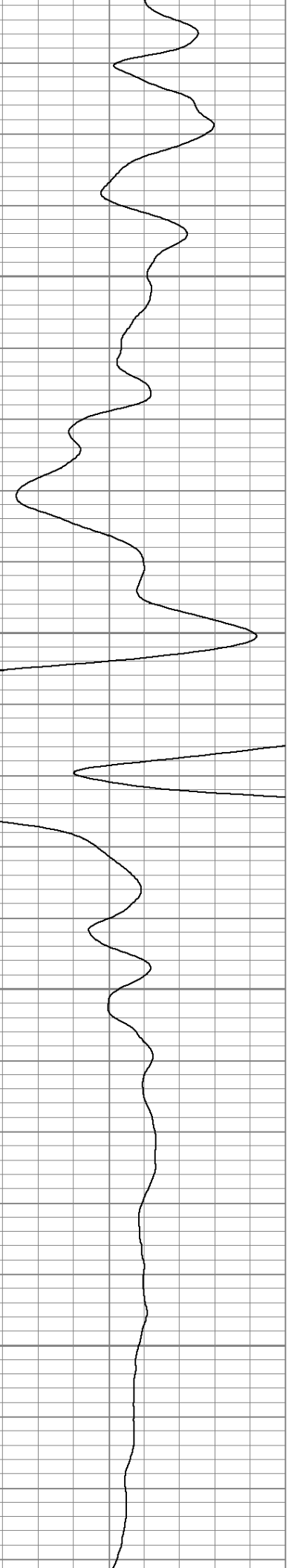
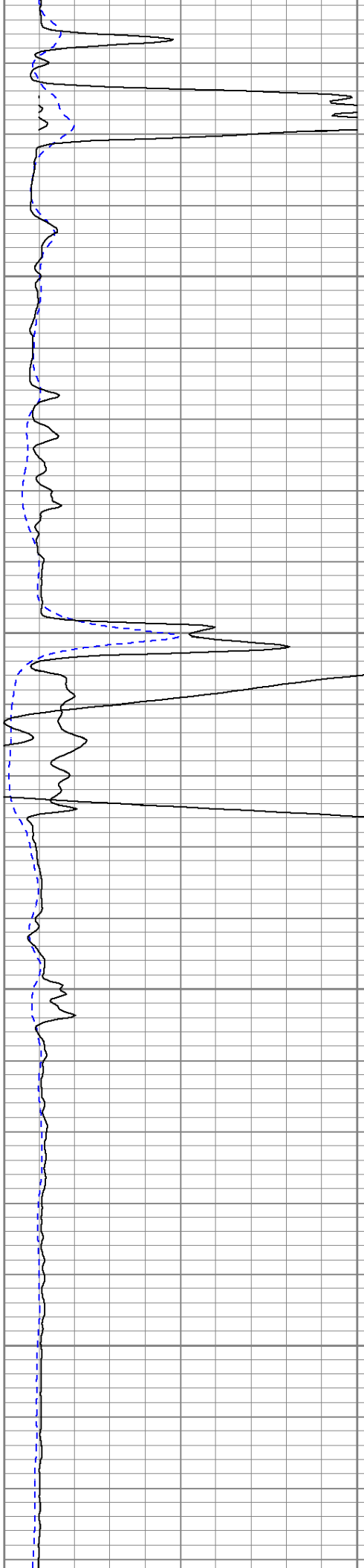


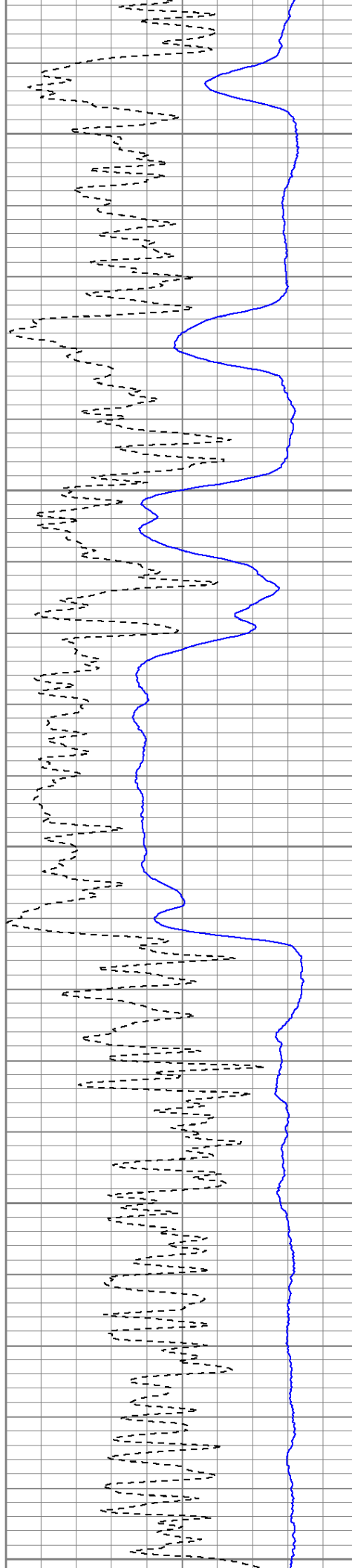
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1700

1750

1800





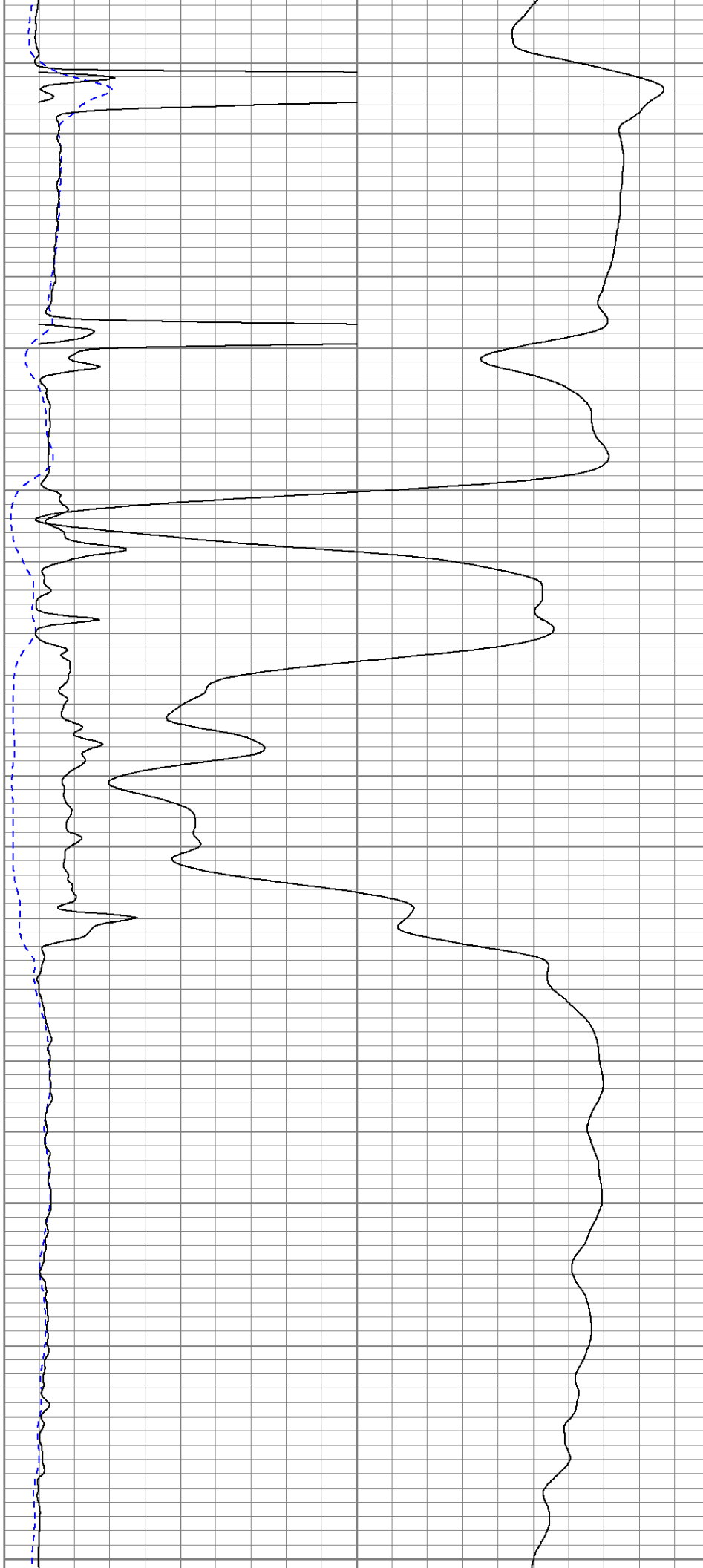
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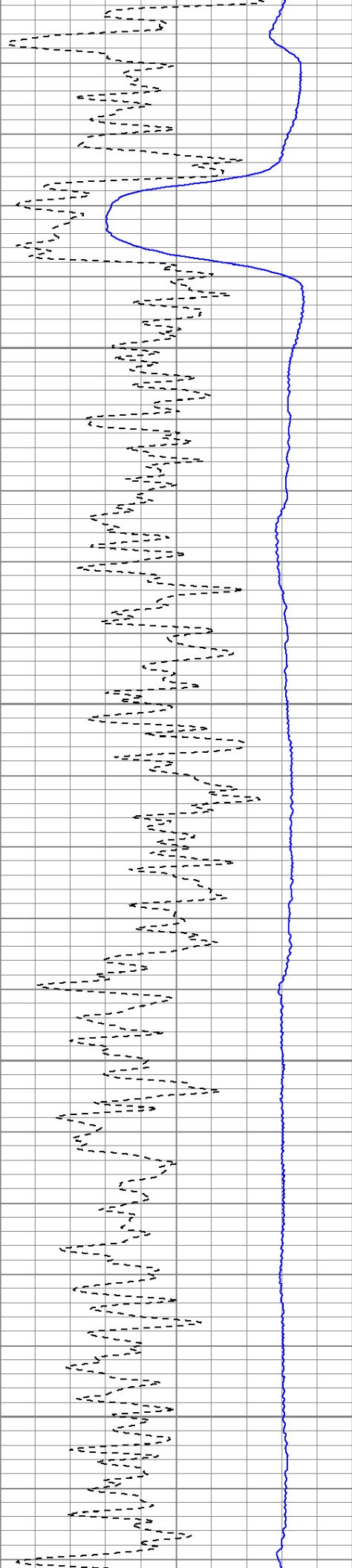
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1950

2000

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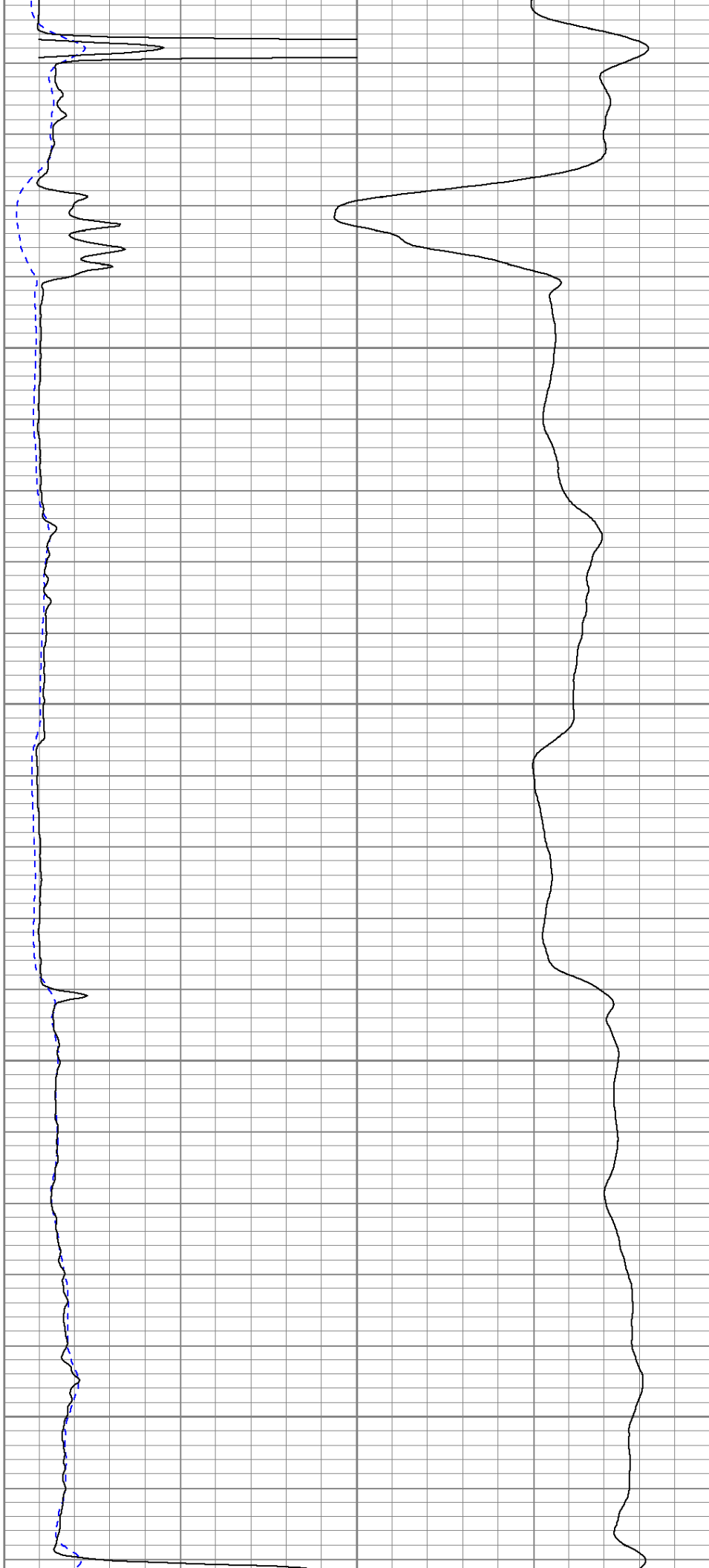


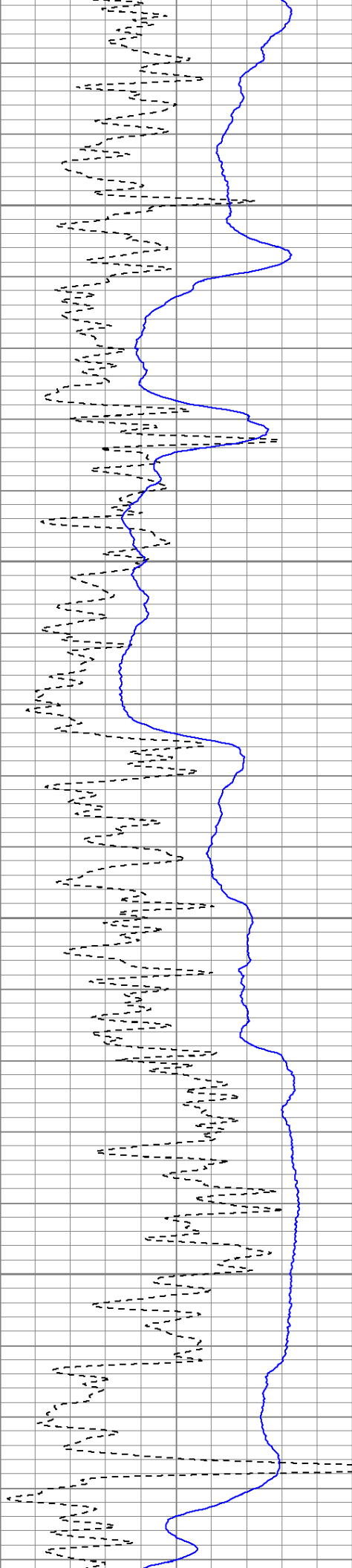
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2150

2200

2250



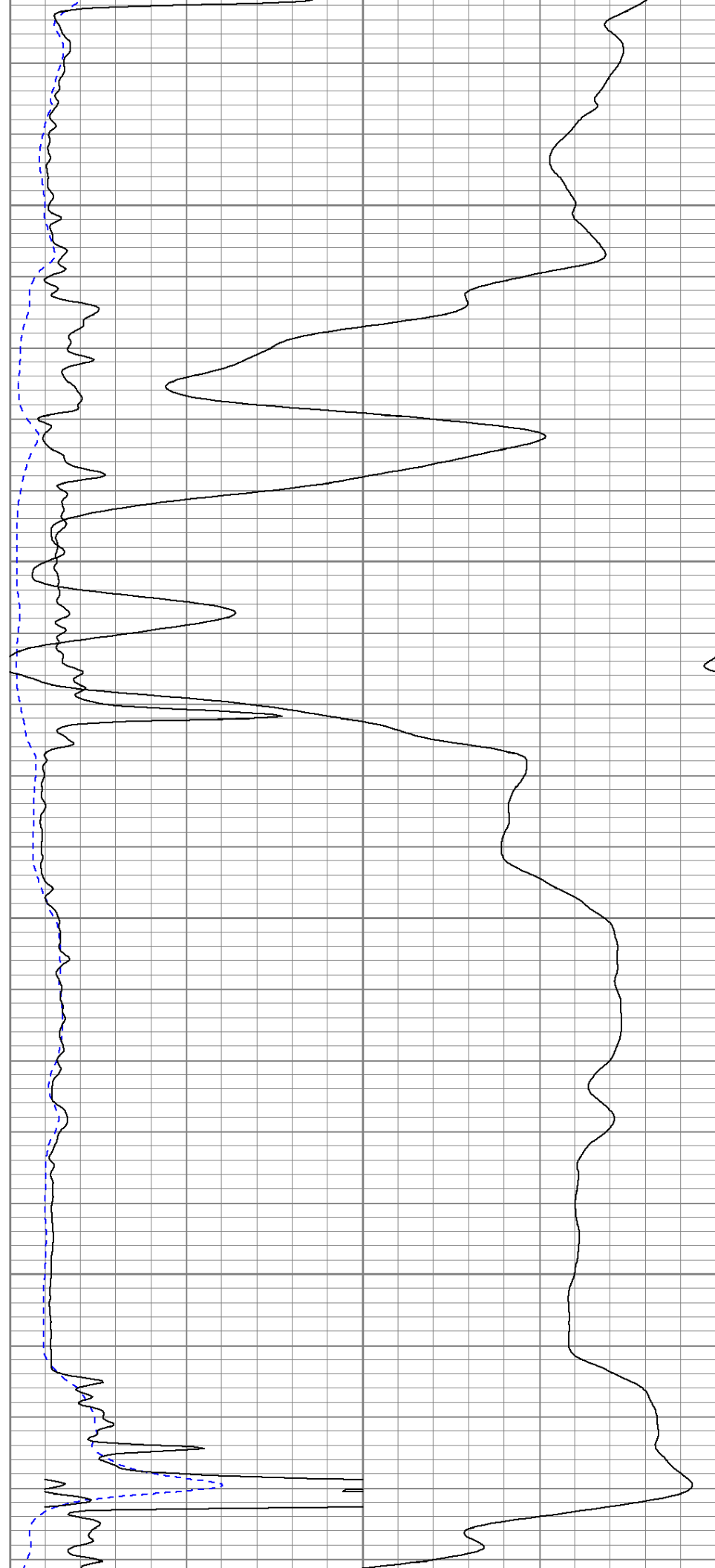


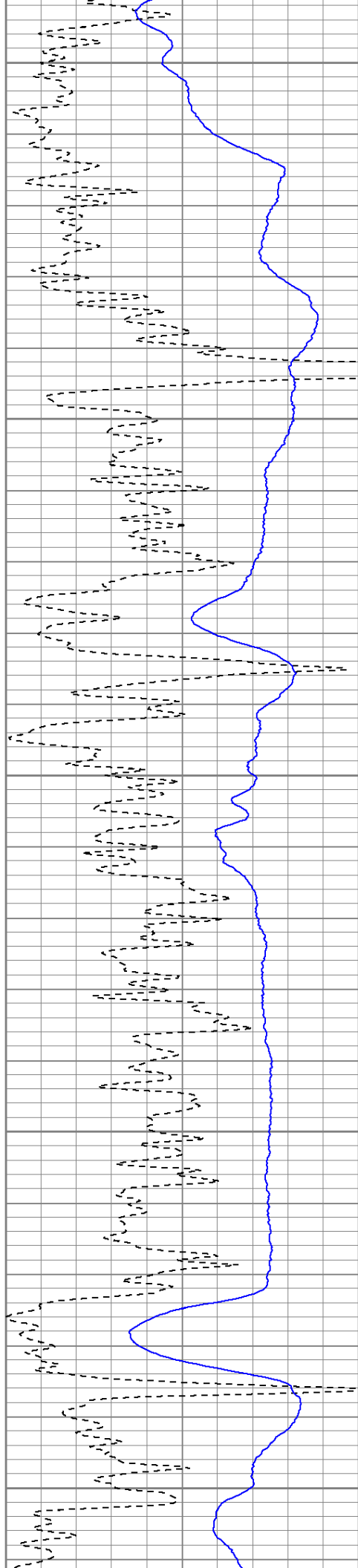
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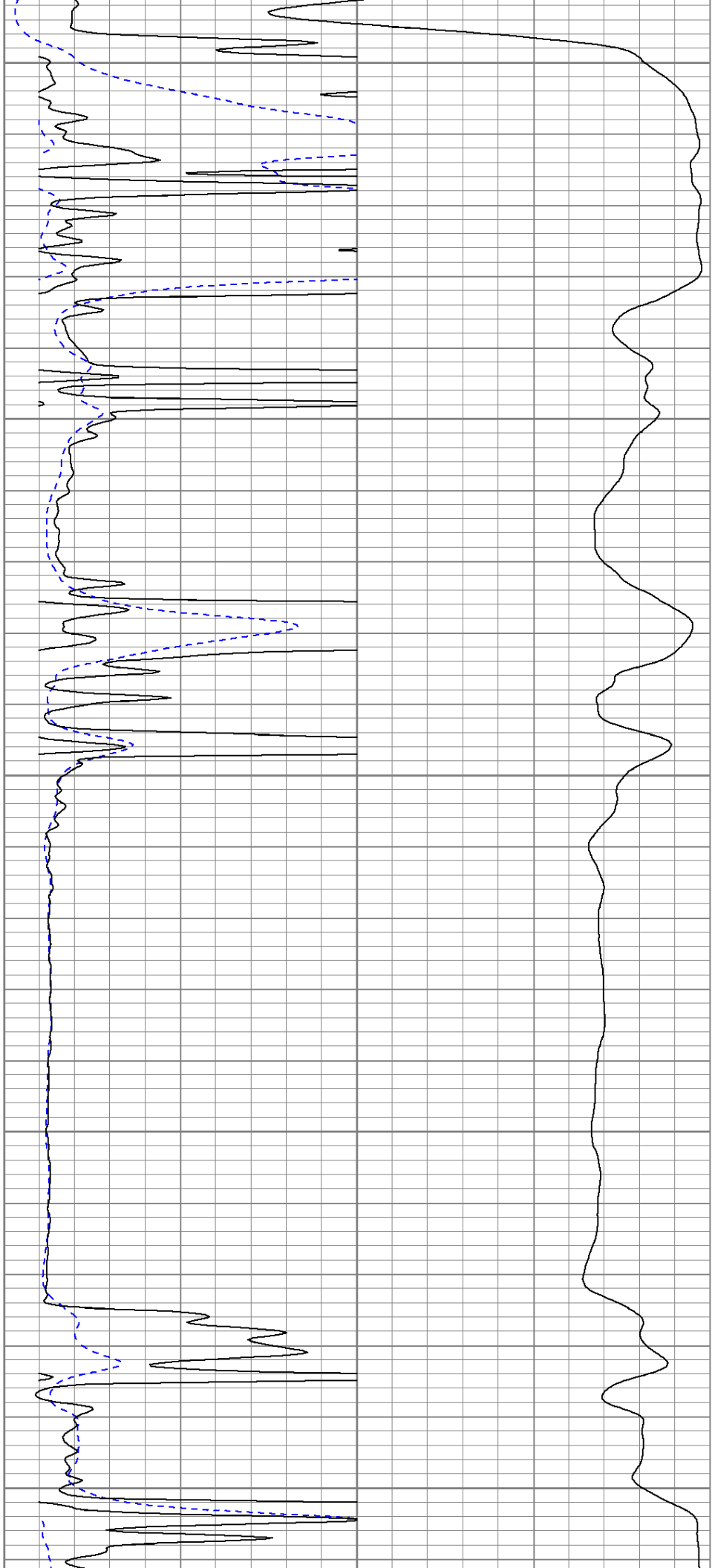
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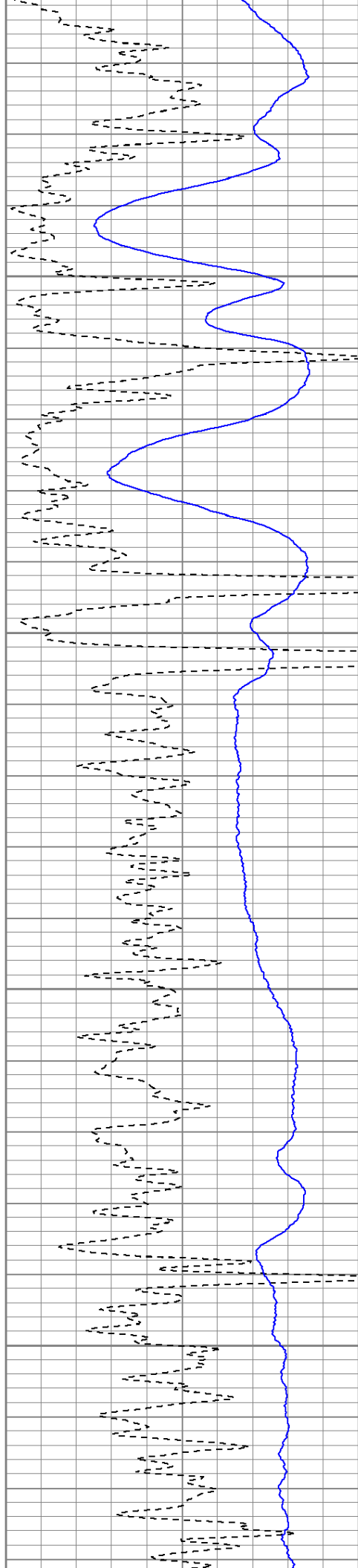
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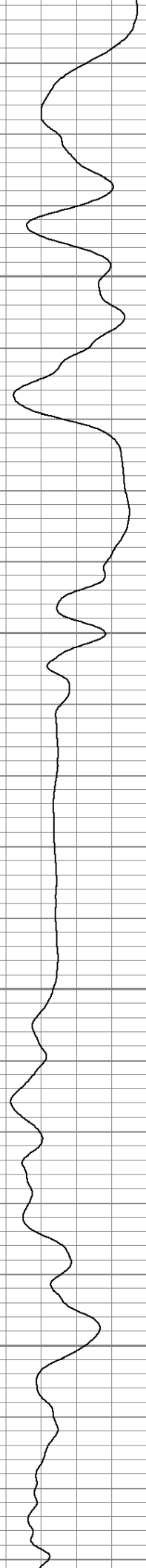
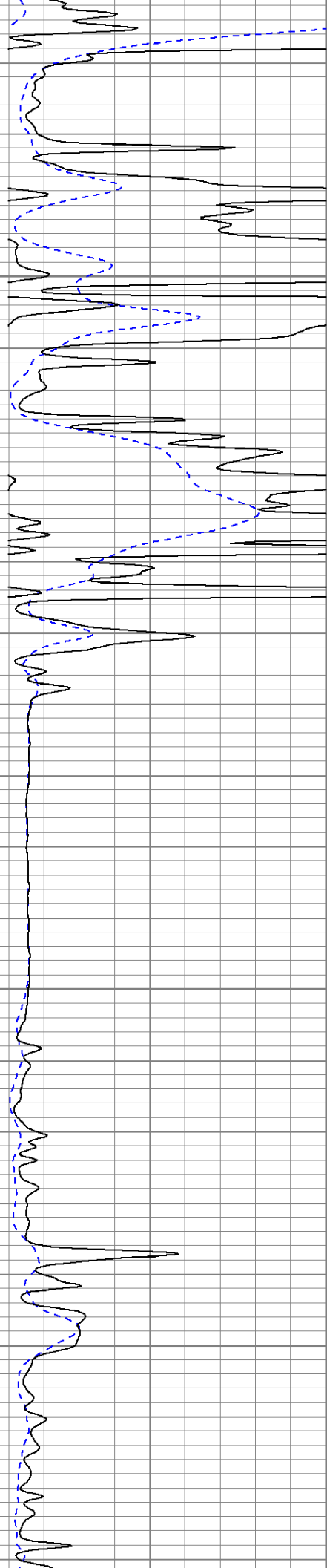


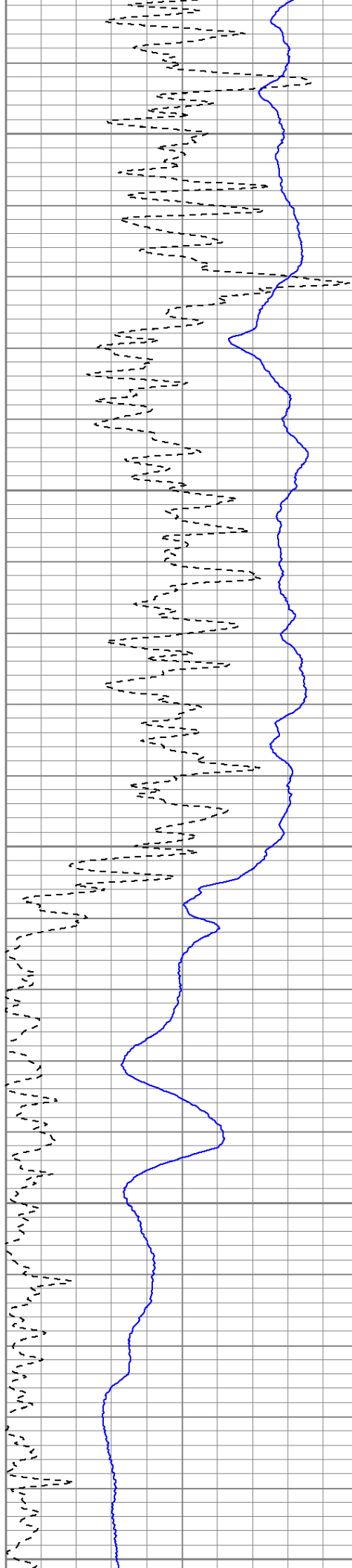
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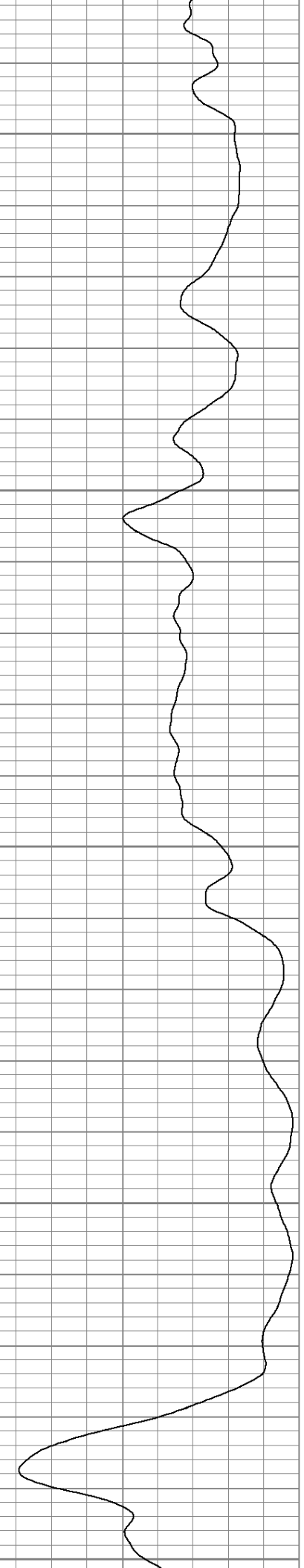
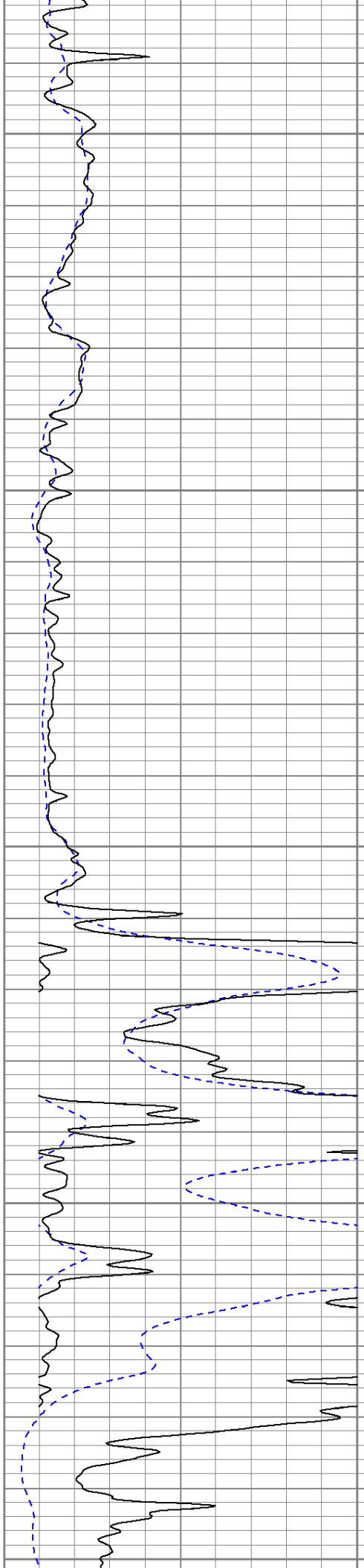
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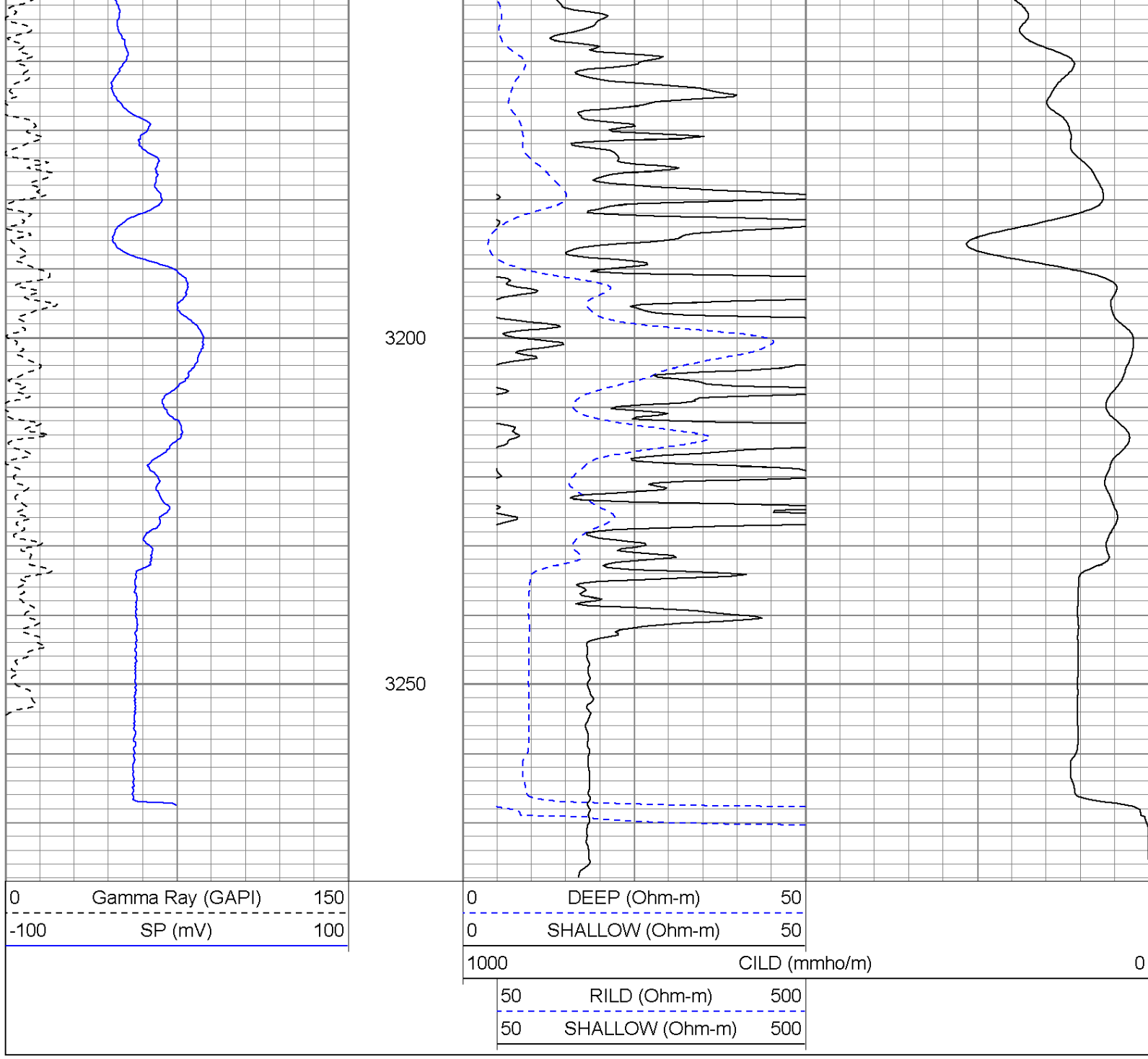
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3050

3100

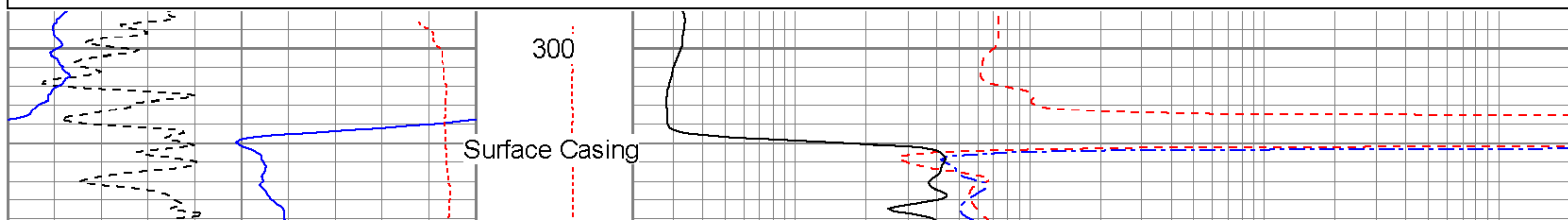
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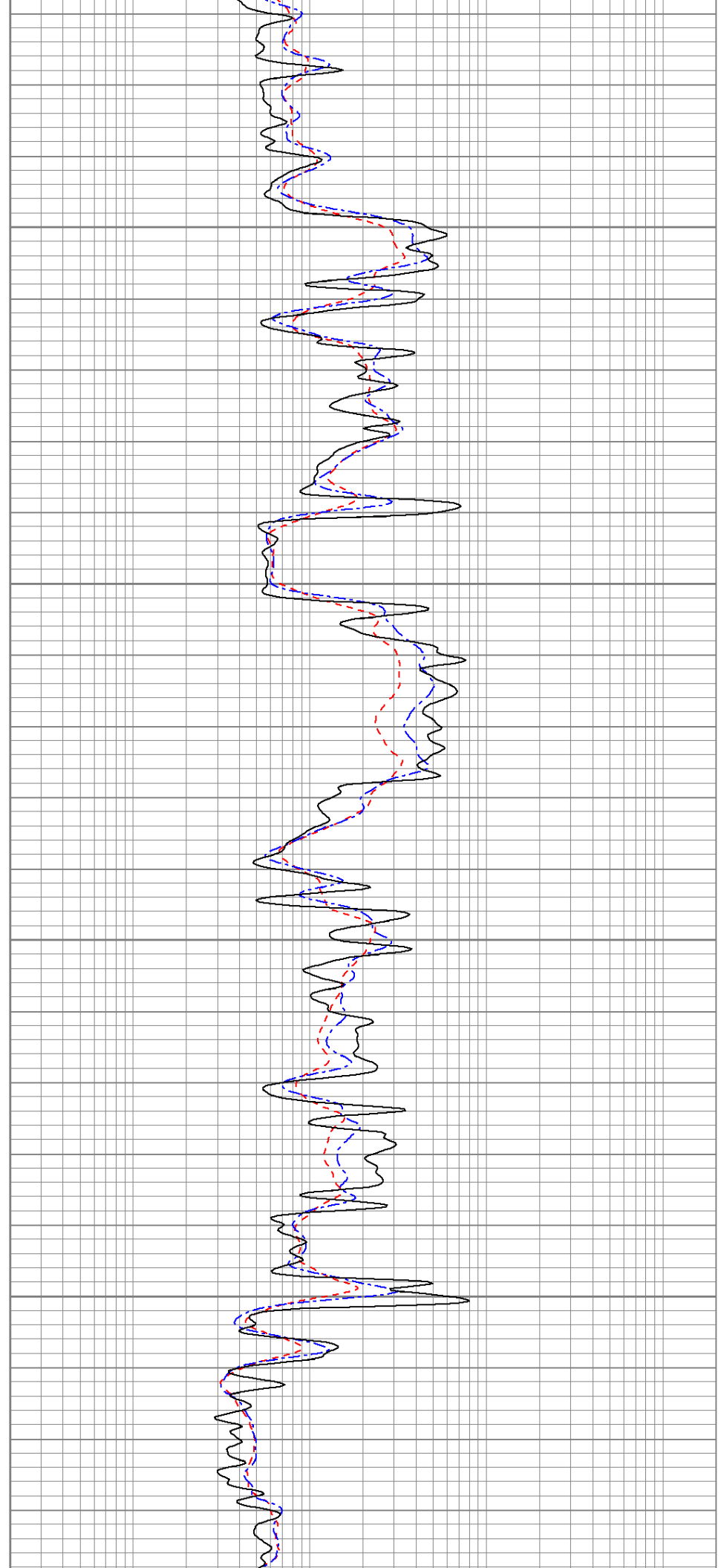
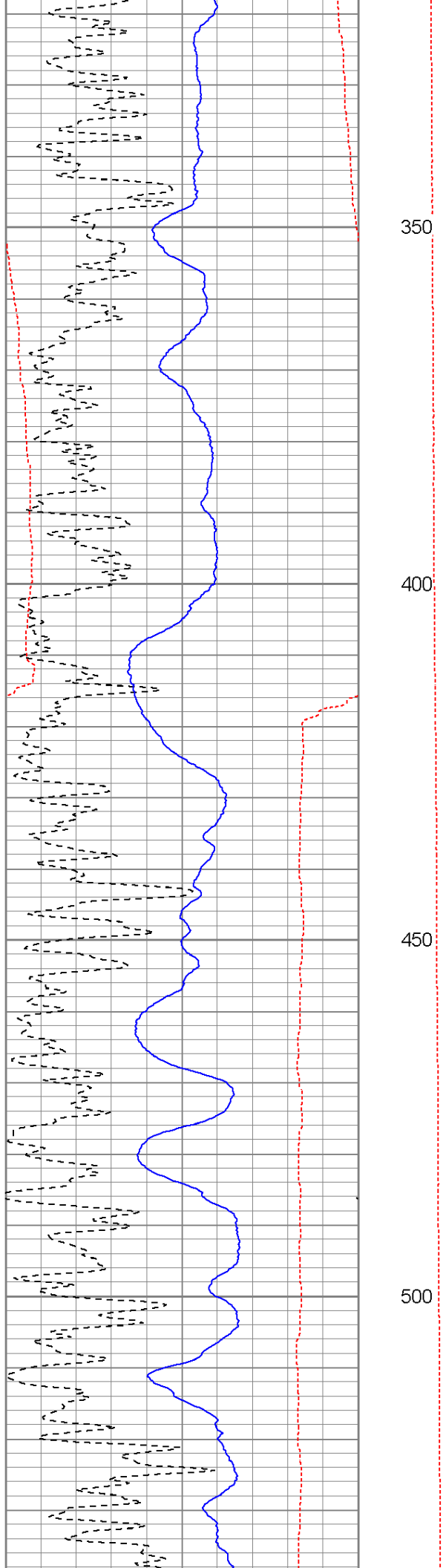


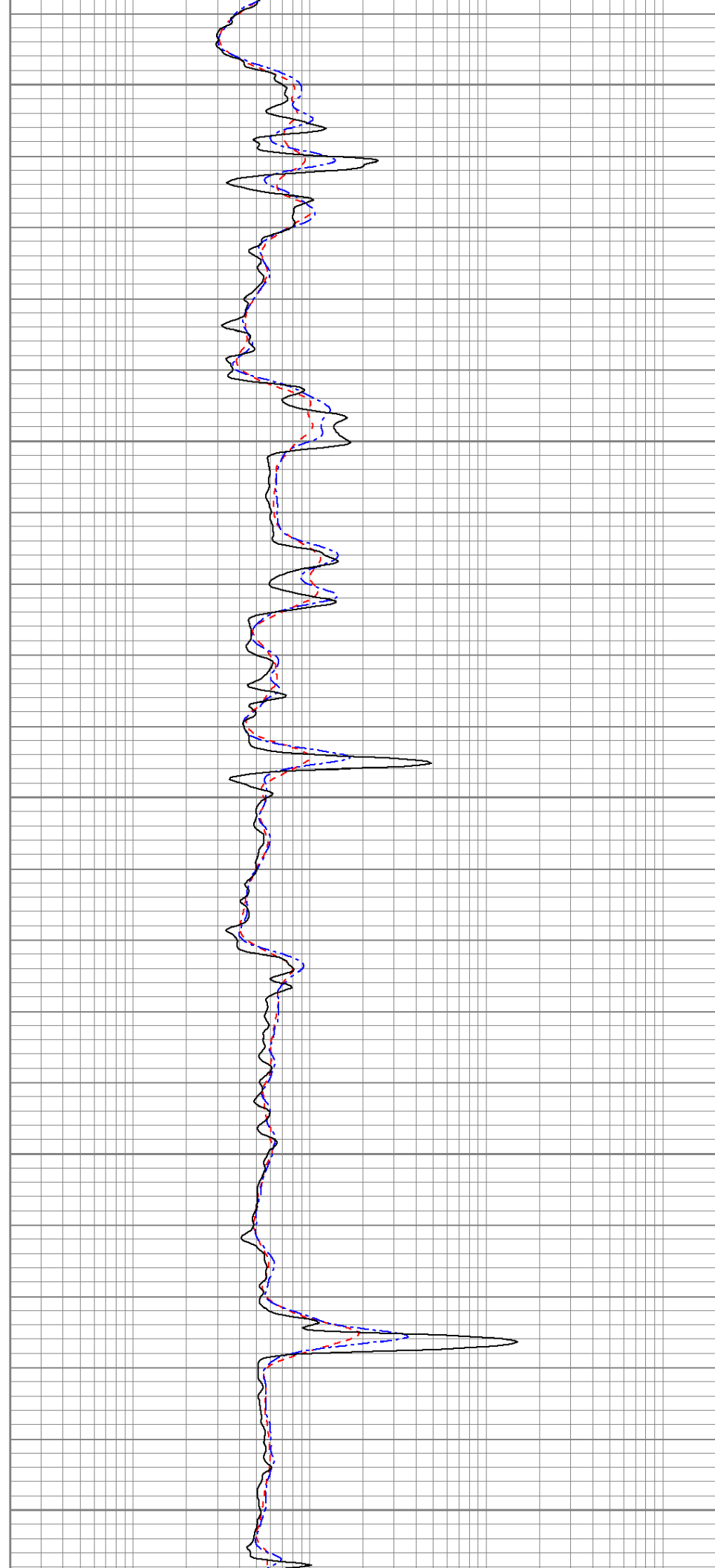
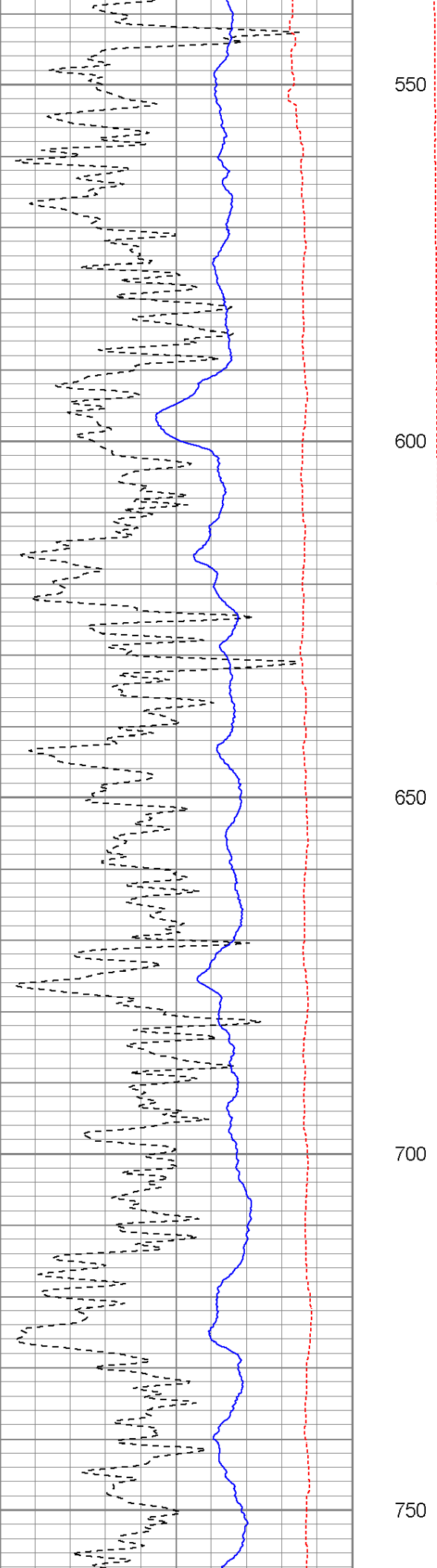


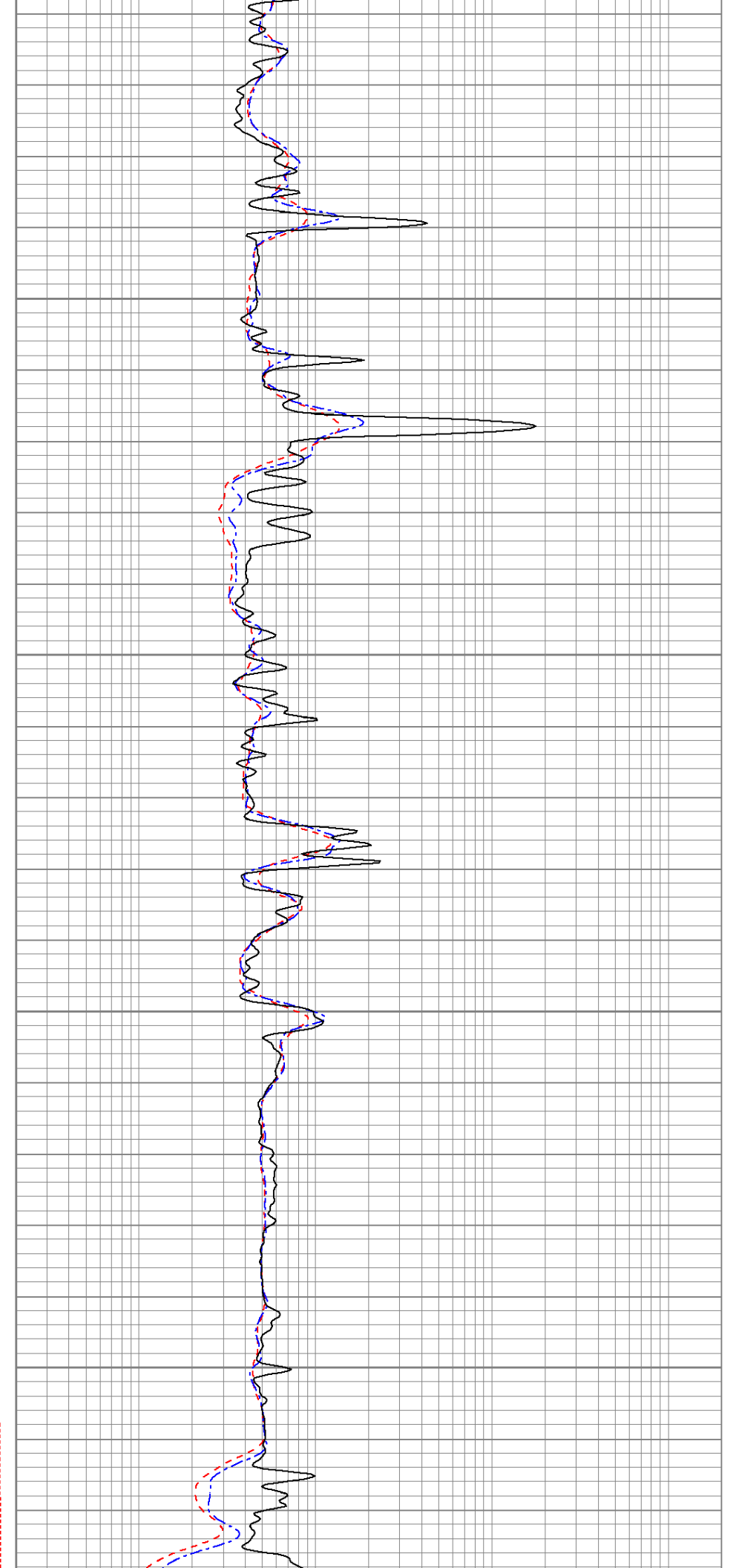
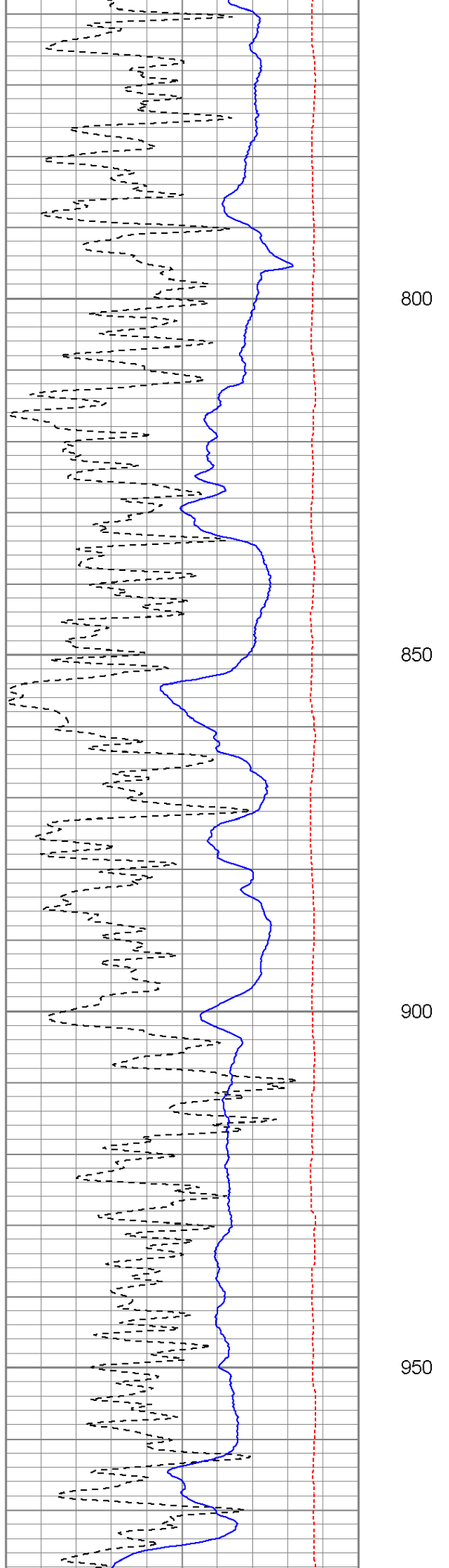
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 Dataset Pathname: Maddix/redTAIL_2/Dig1/pass3
 Presentation Format: -1-dil
 Dataset Creation: Sat Apr 11 13:43:22 2020 by Log SOC 120430
 Charted by: Depth in Feet scaled 1:240

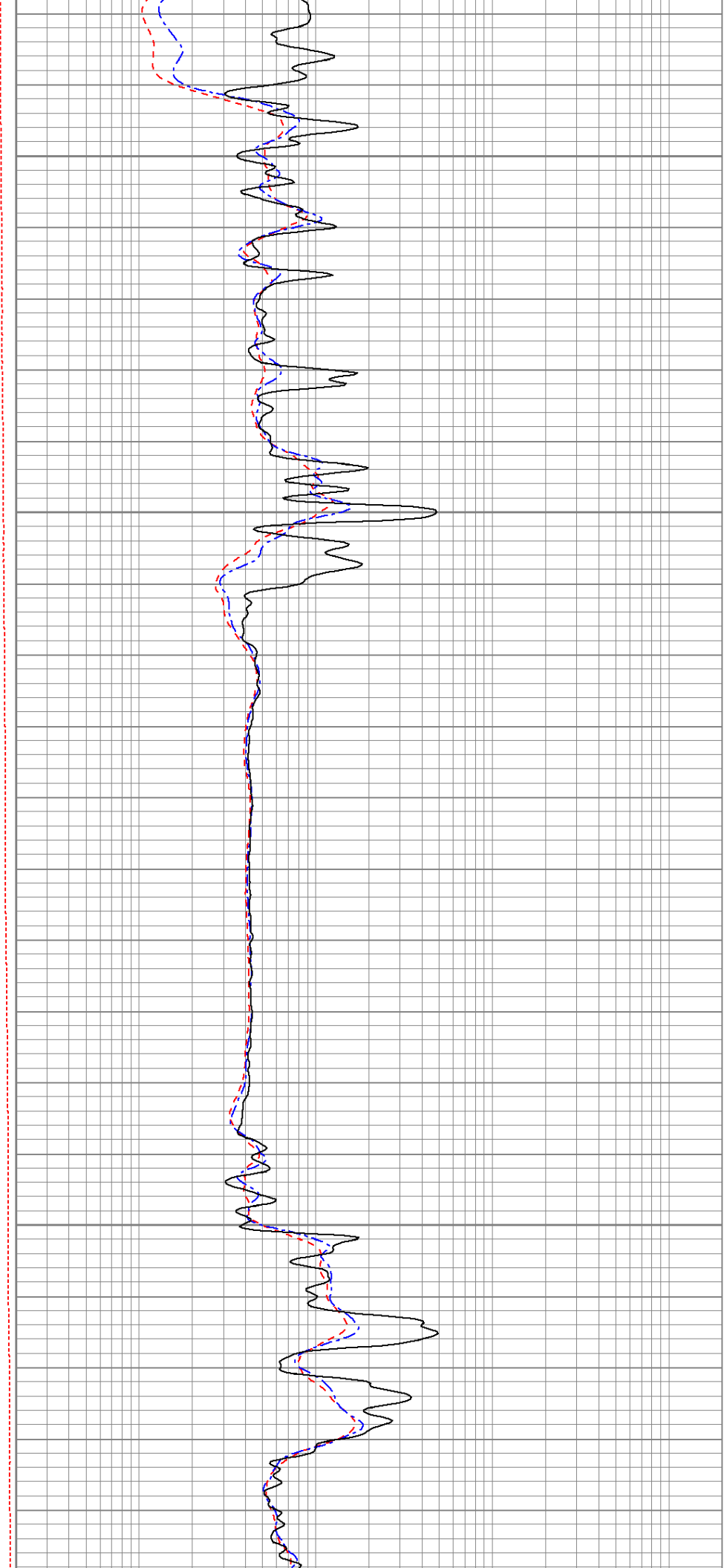
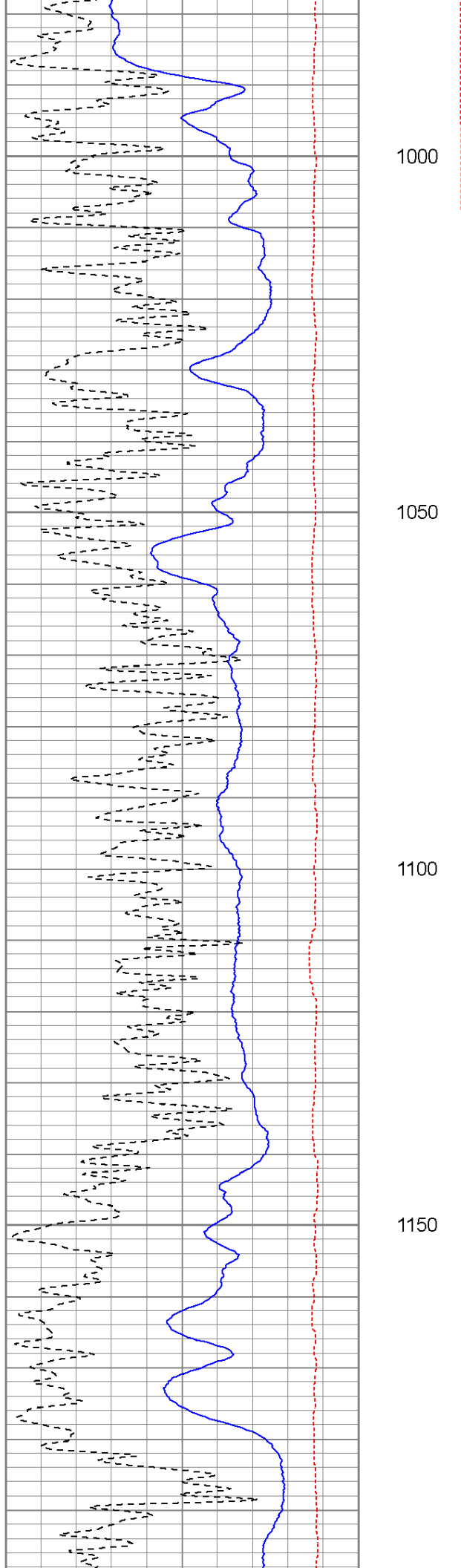
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-100	SP (mV)	100		0.2	MED (Ohm-m)	2000
0	LSPD (ft/min)	100		0.2	SHALLOW (Ohm-m)	2000

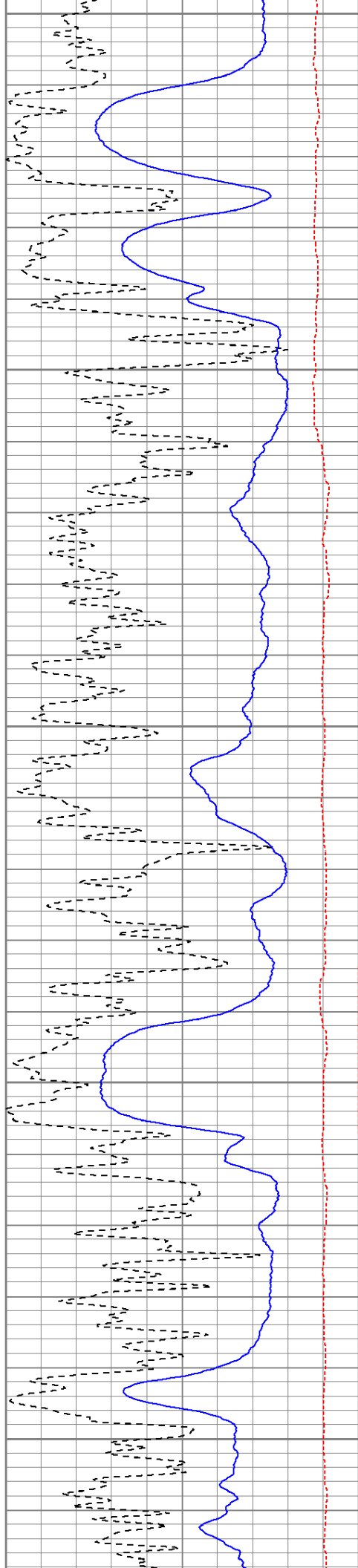












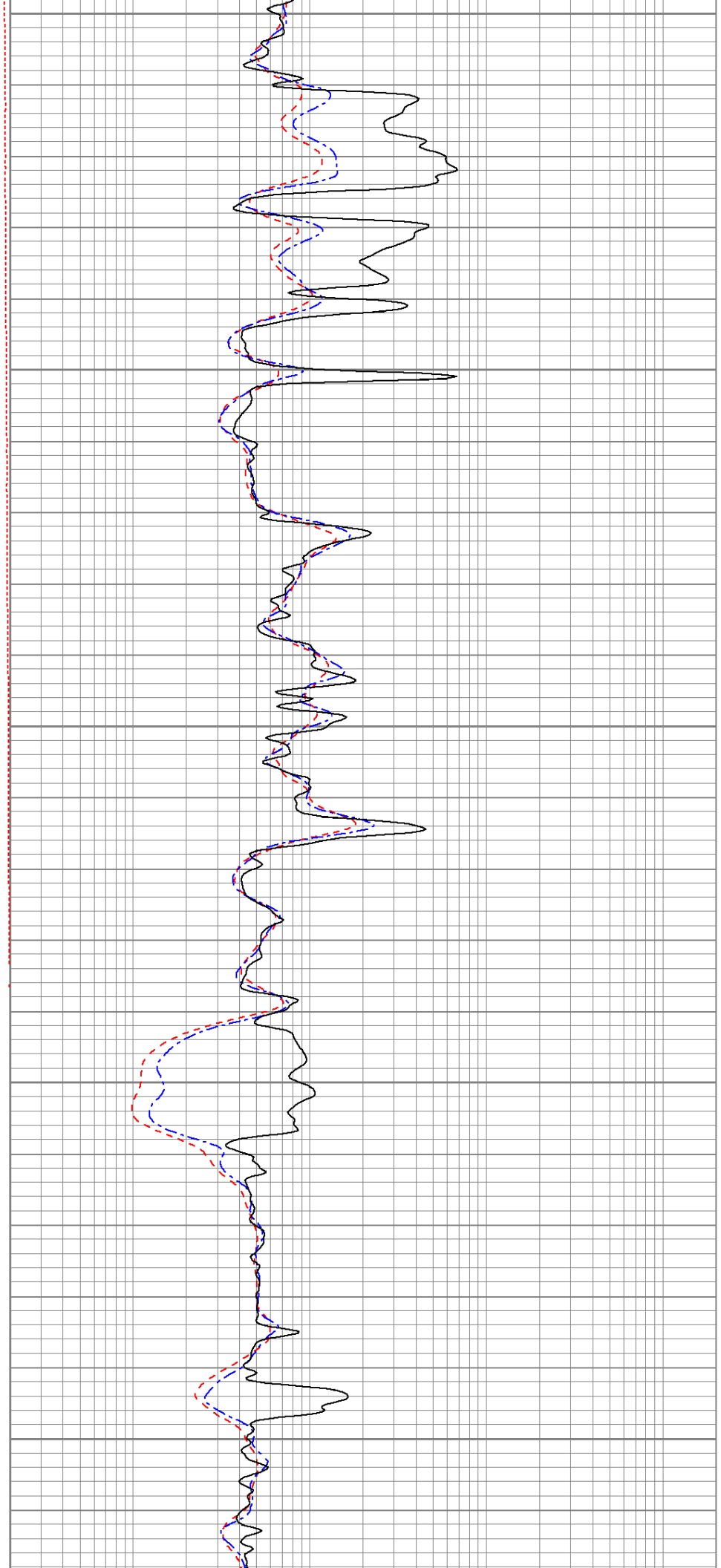
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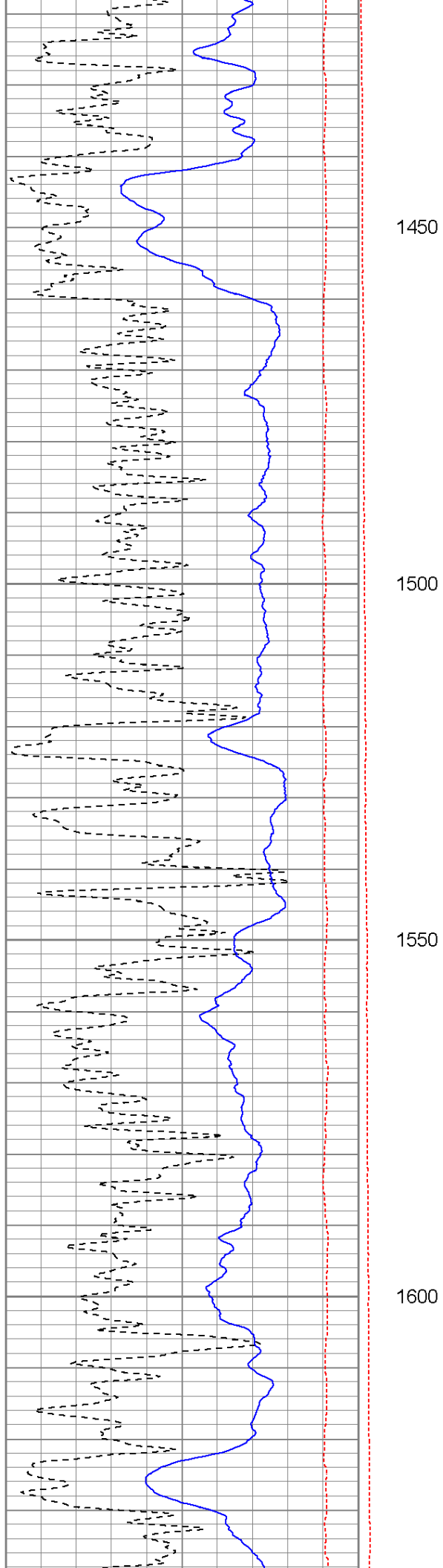
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1300

1350

1400



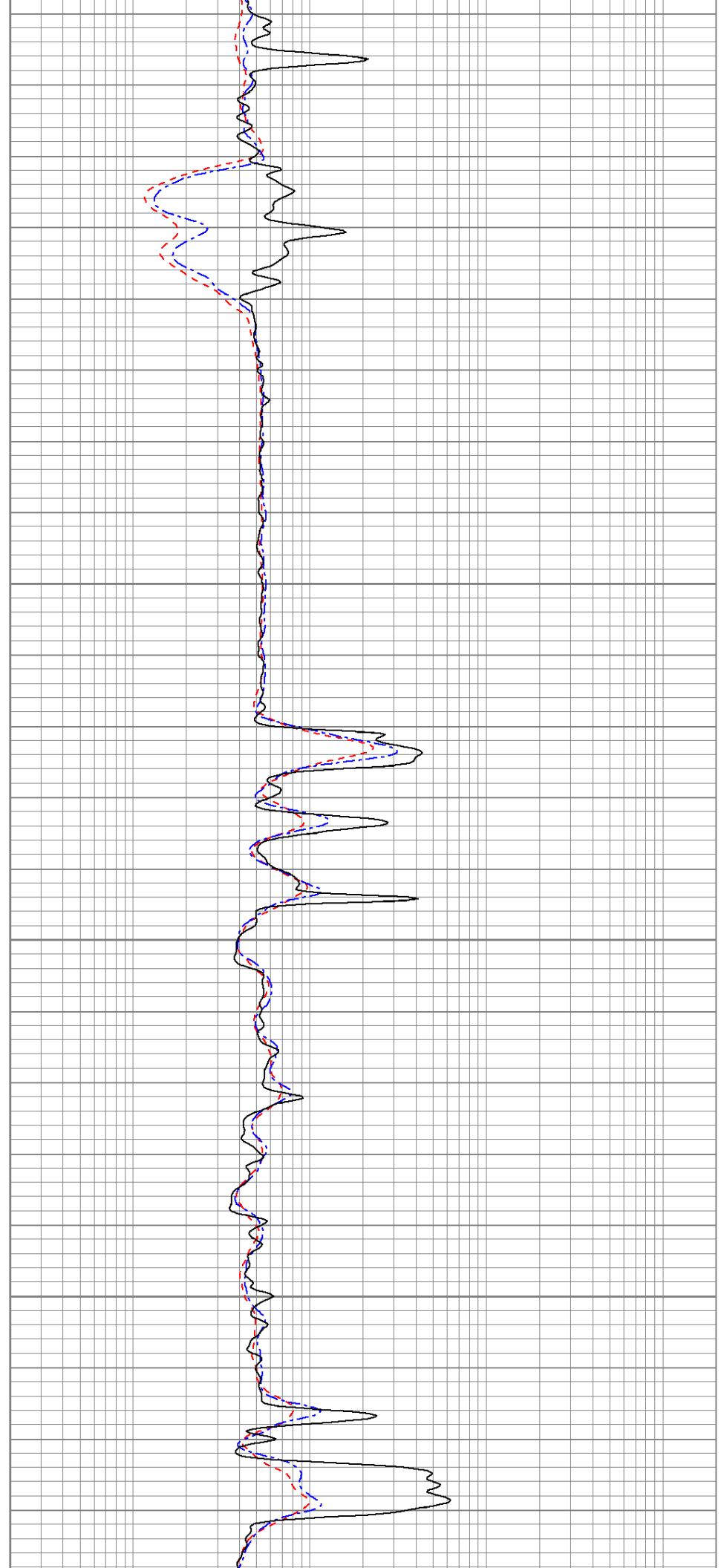


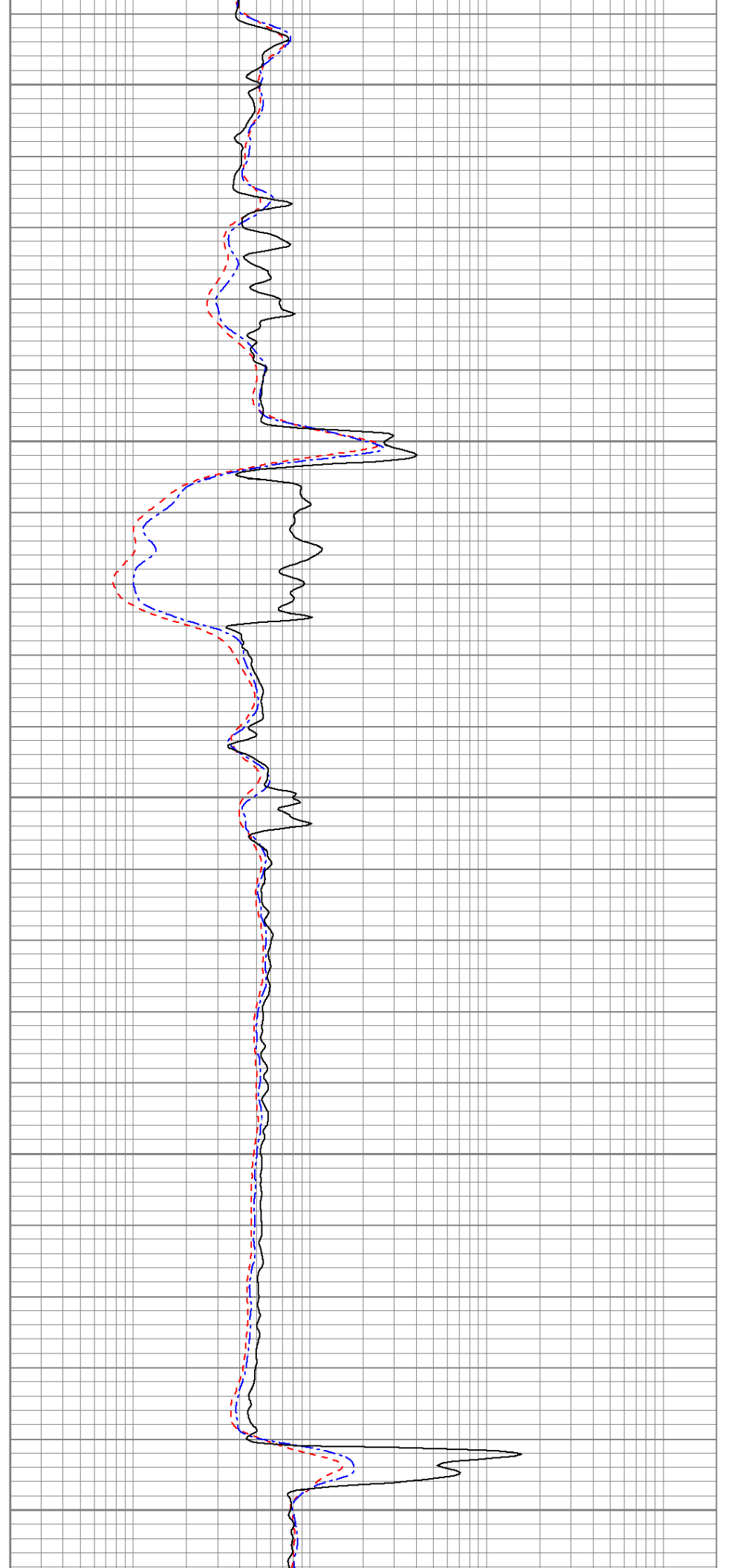
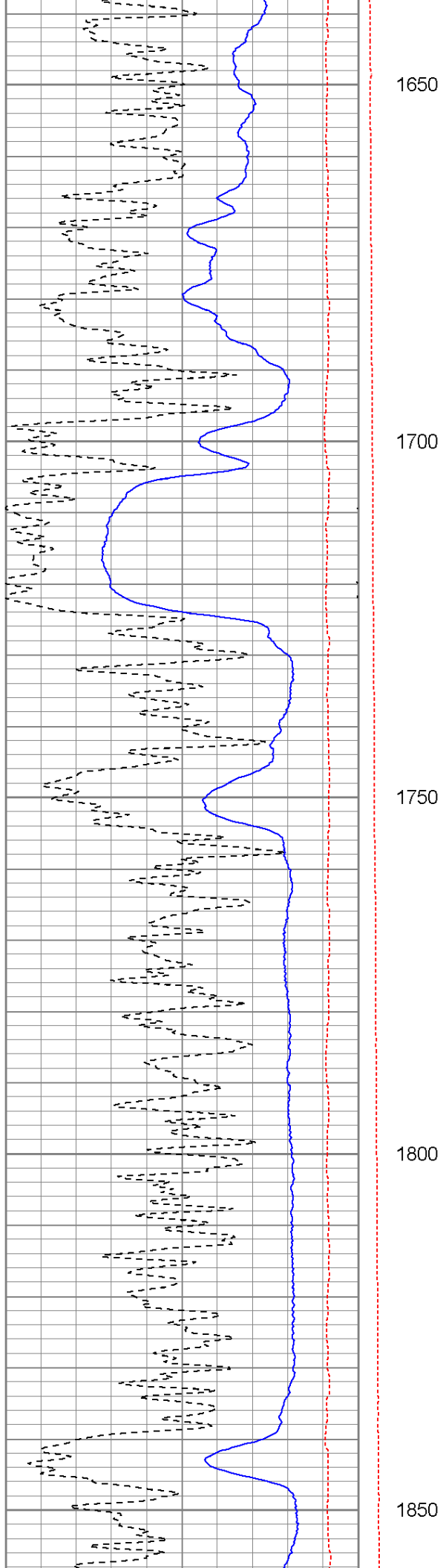
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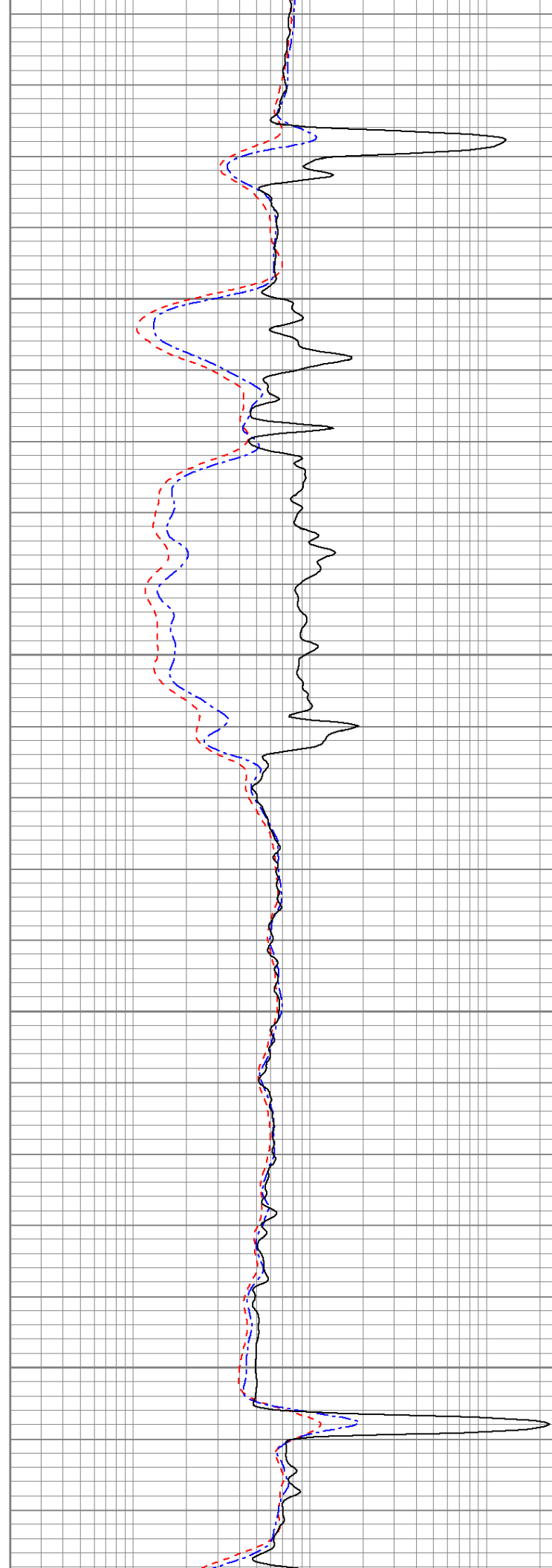
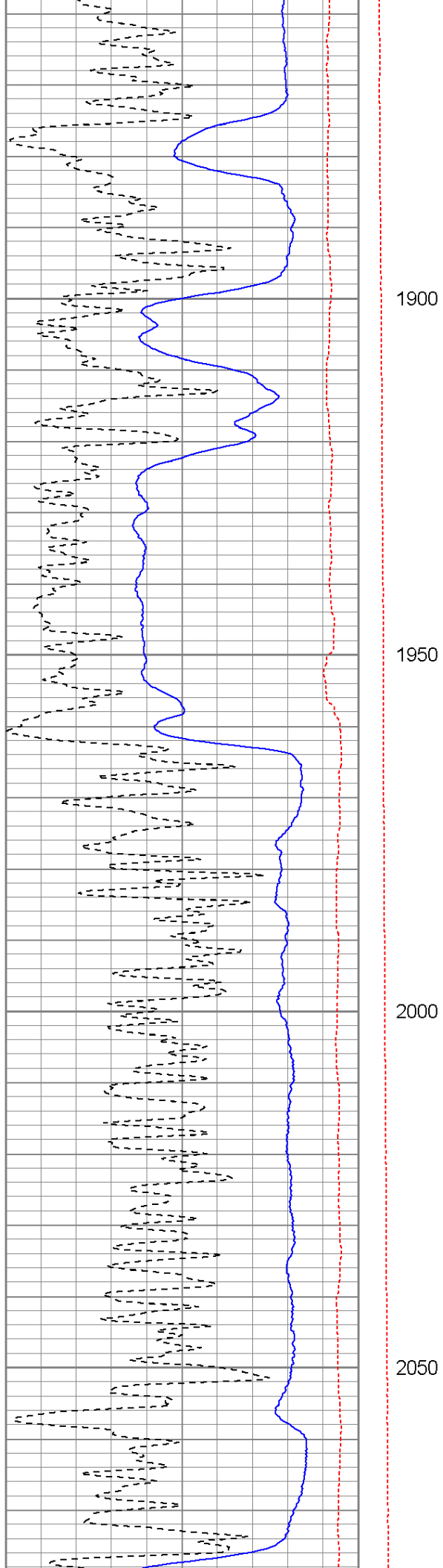
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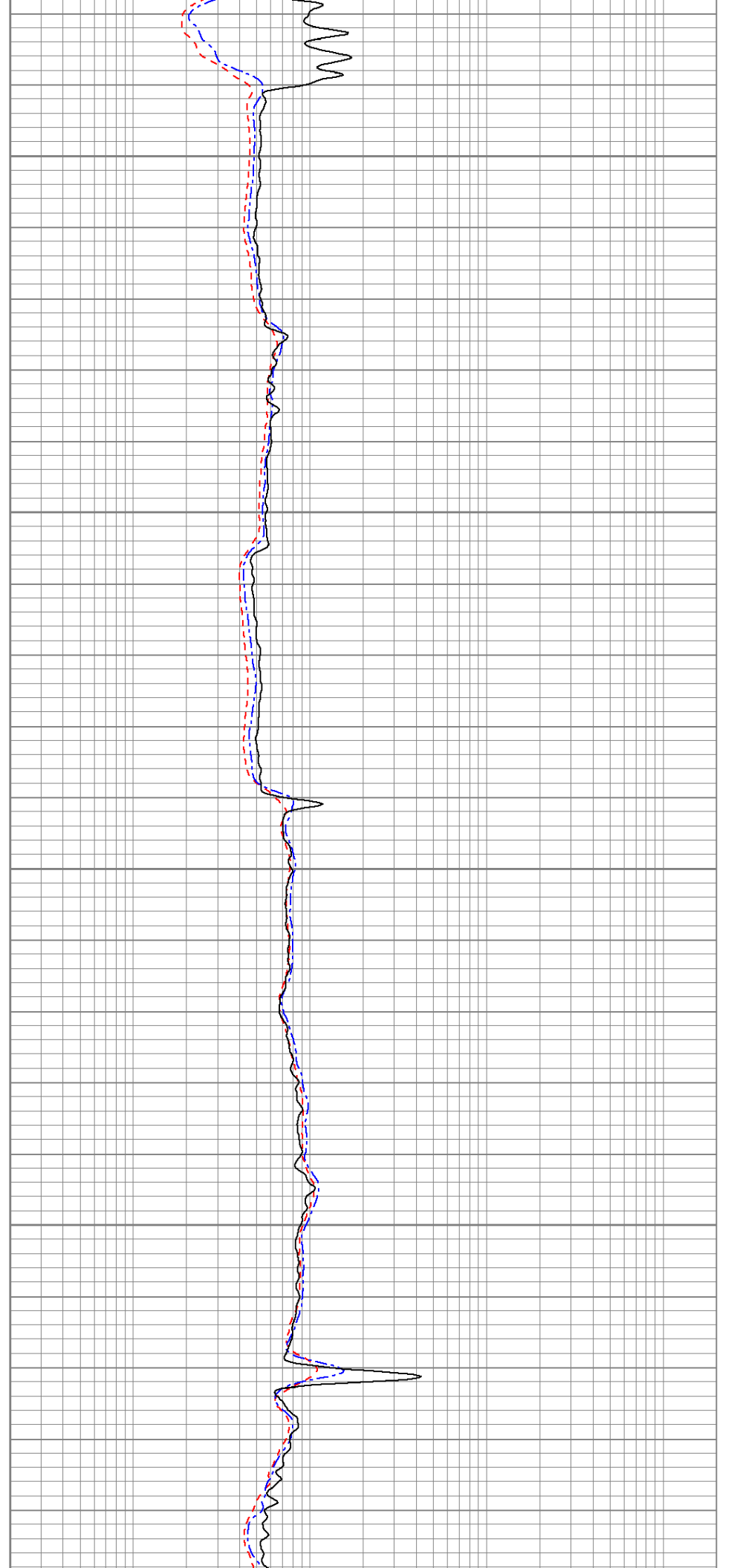
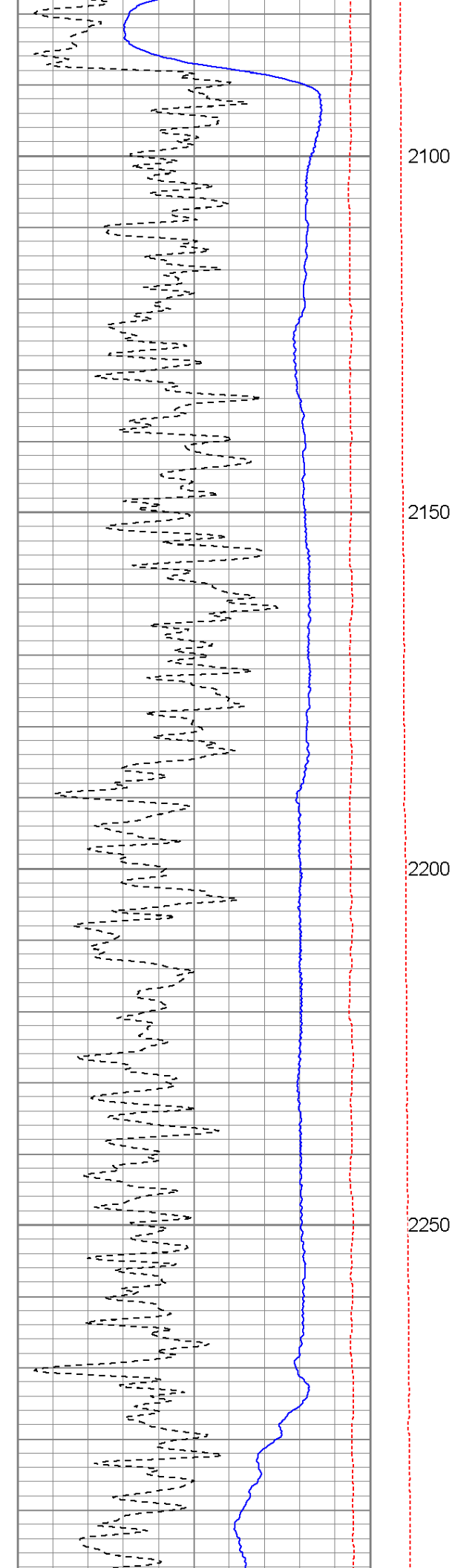
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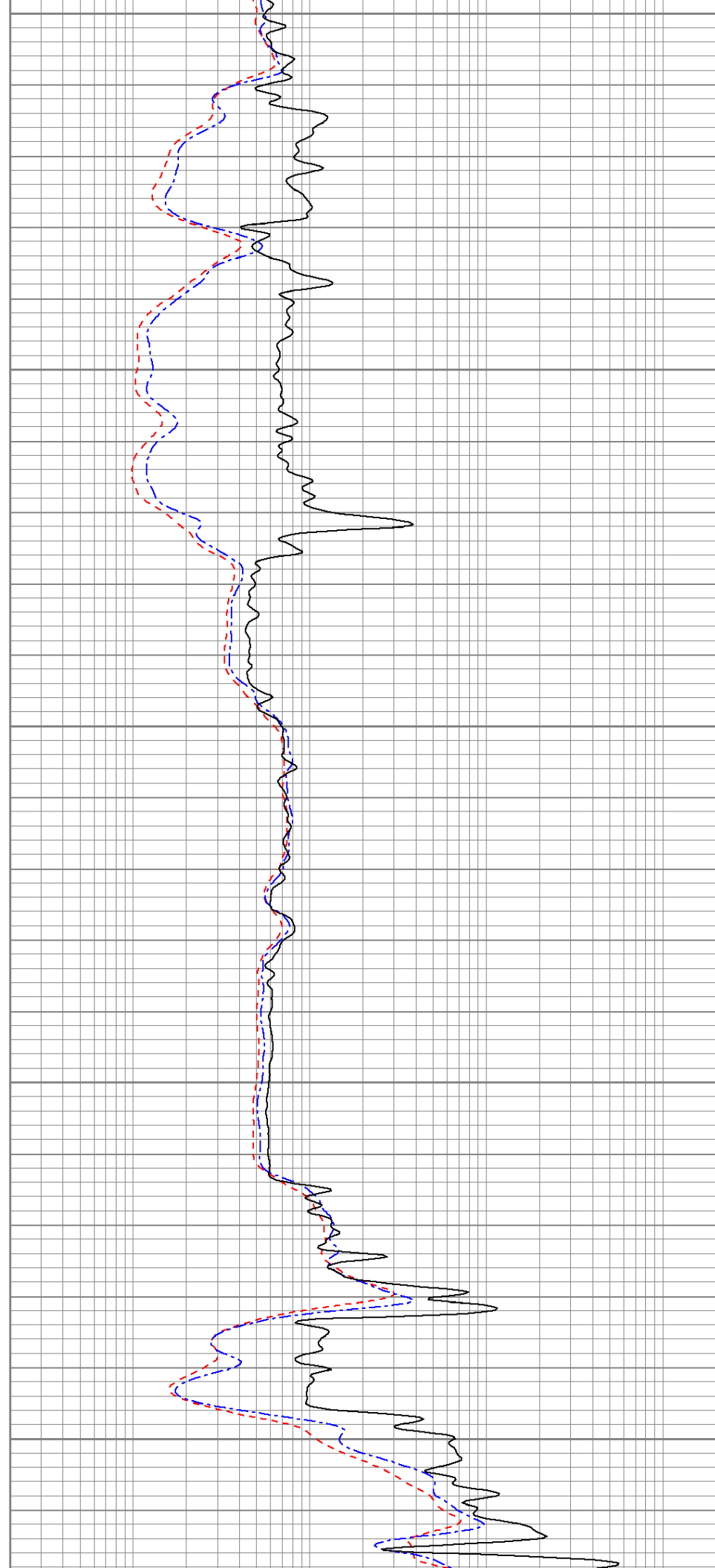
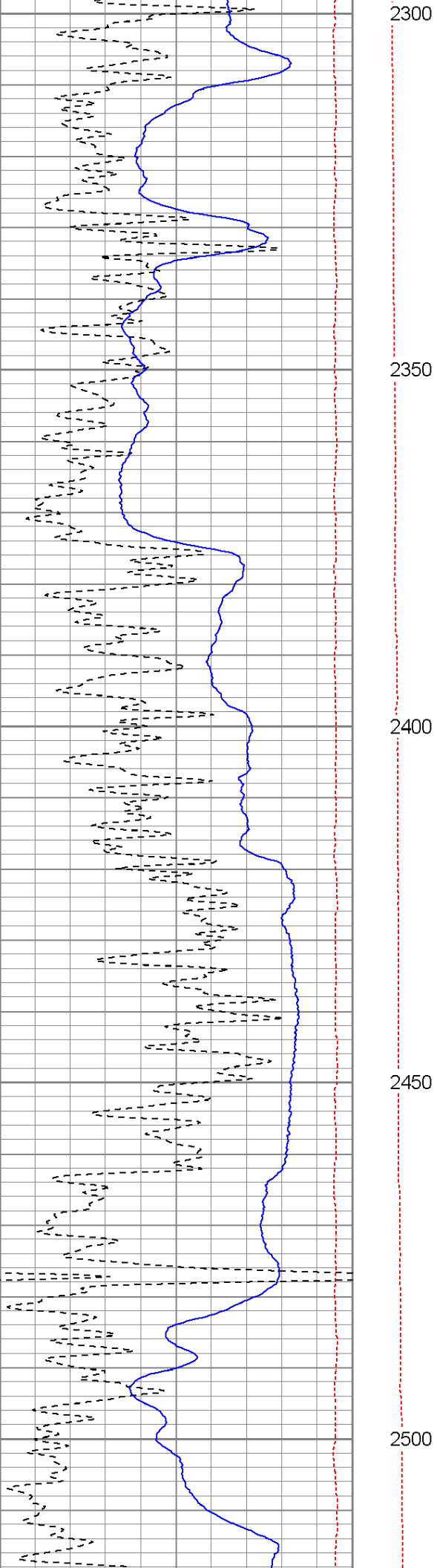
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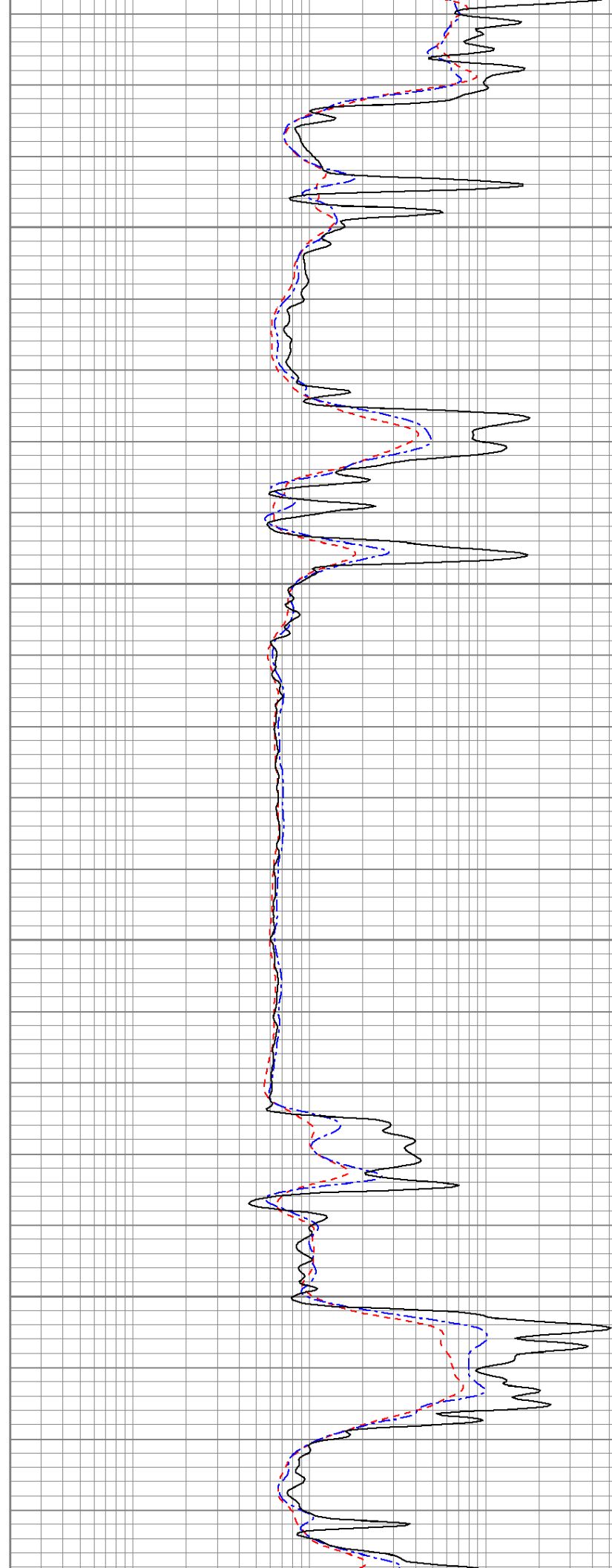
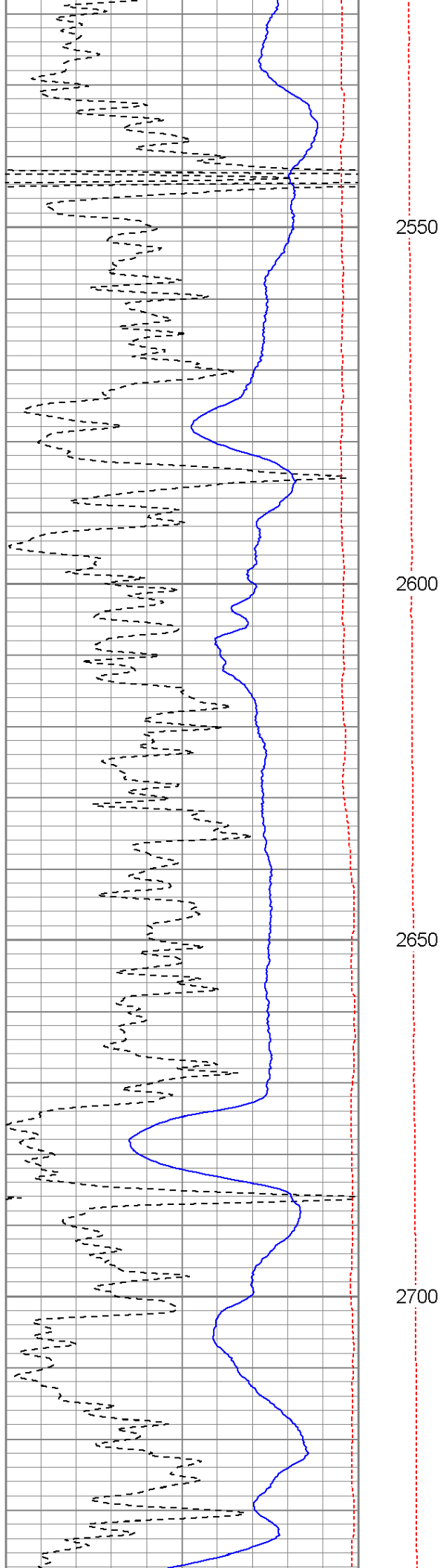


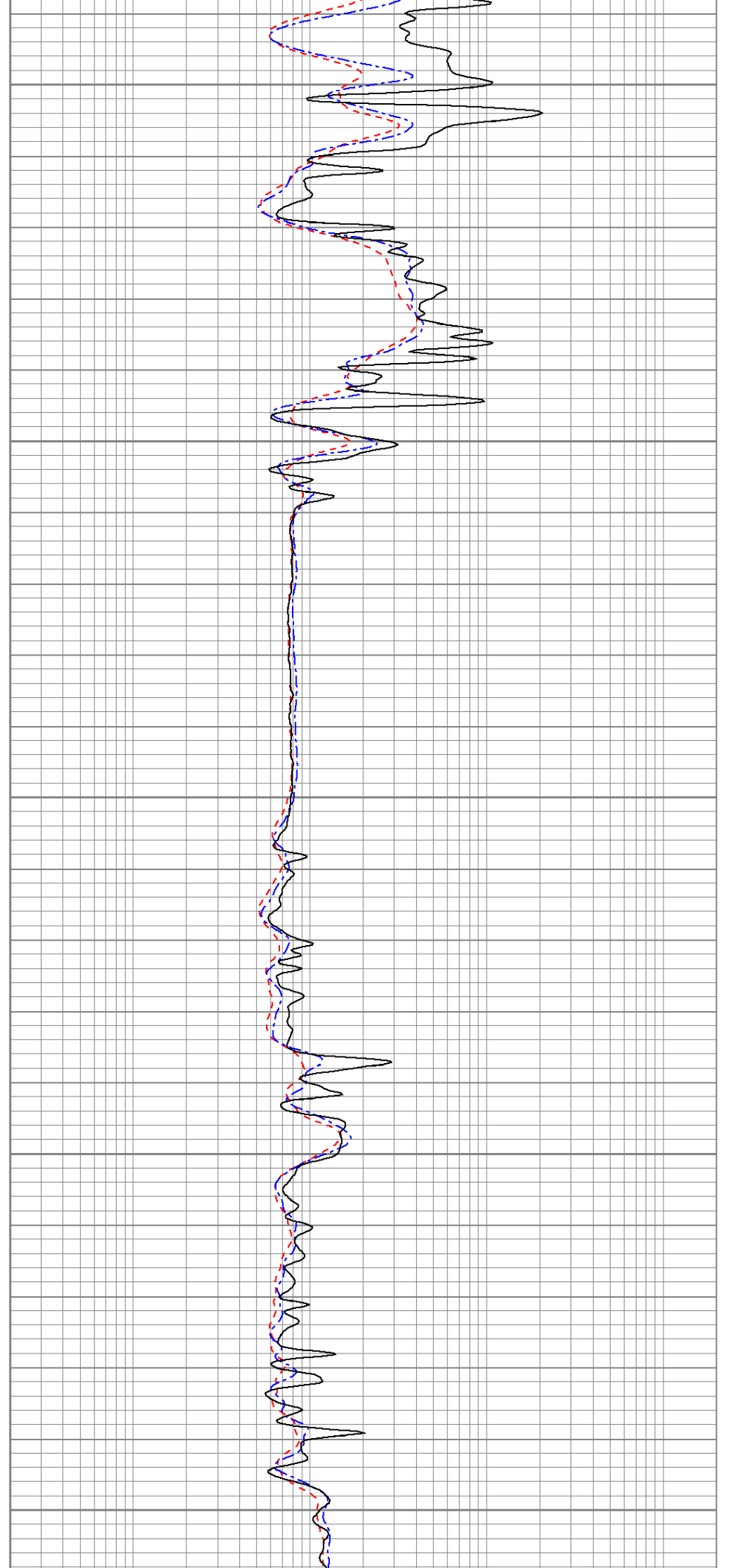
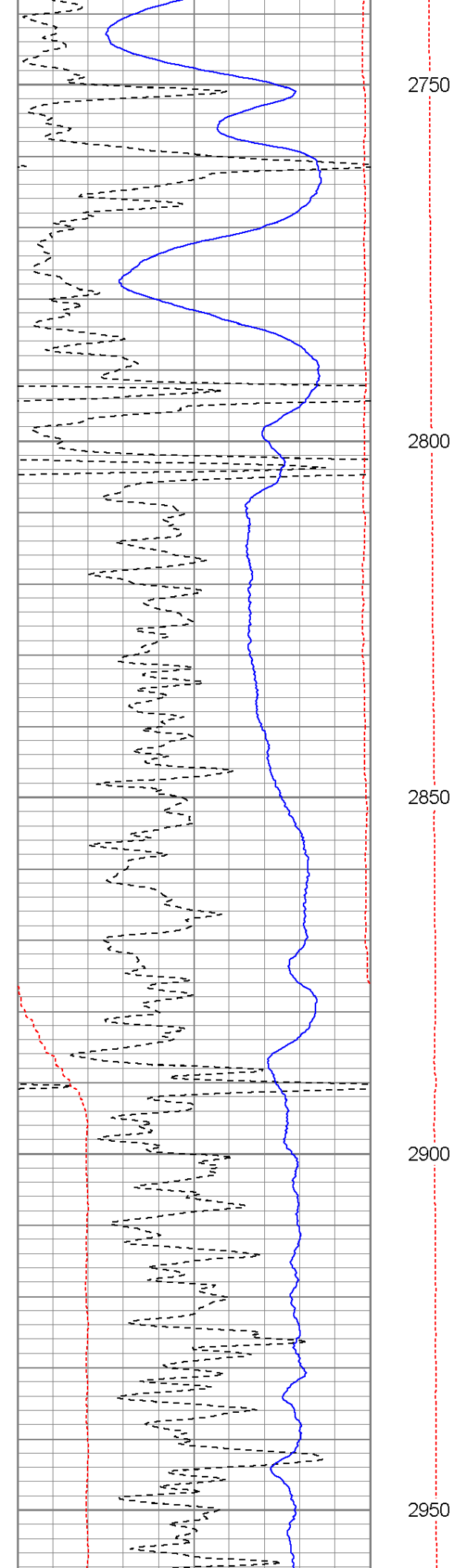


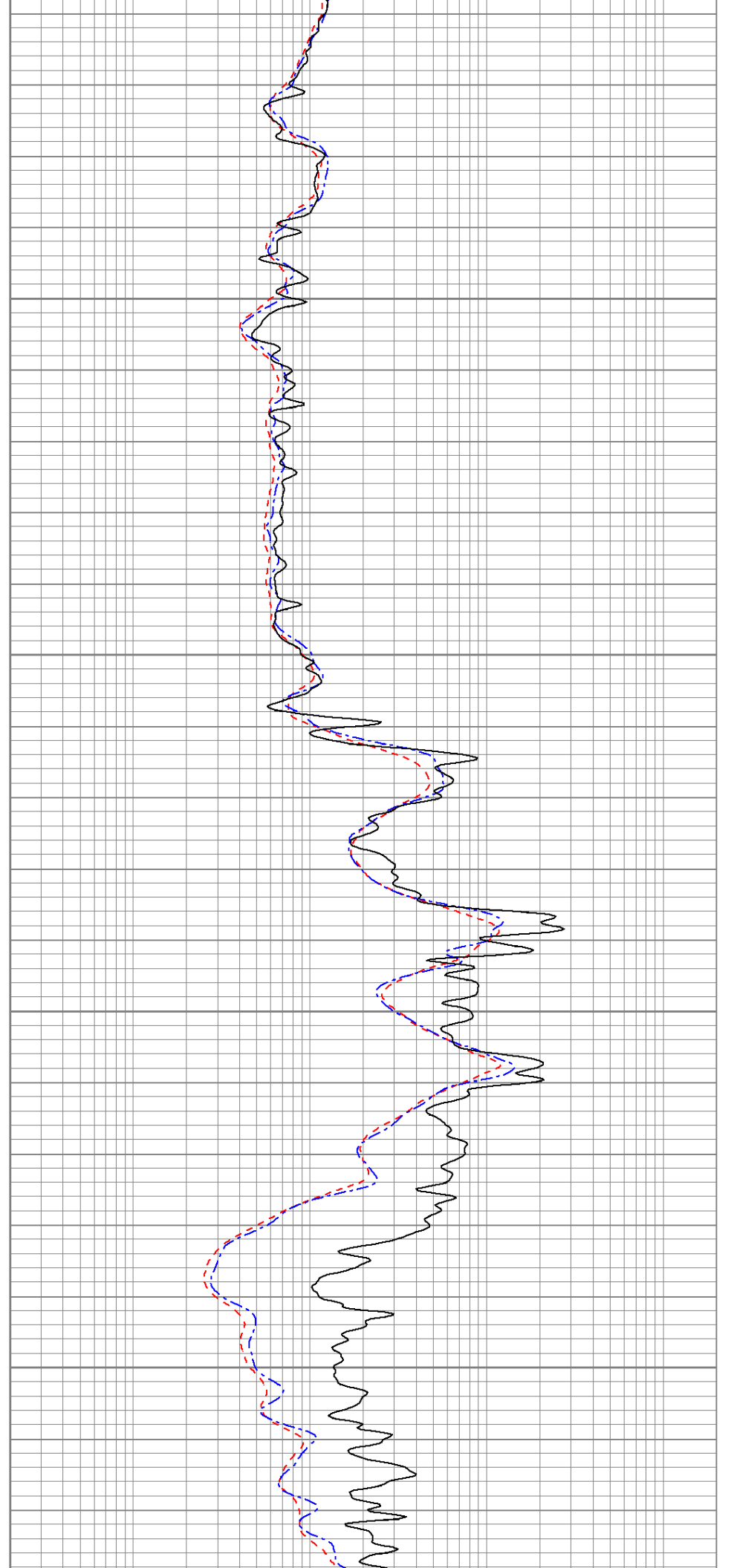
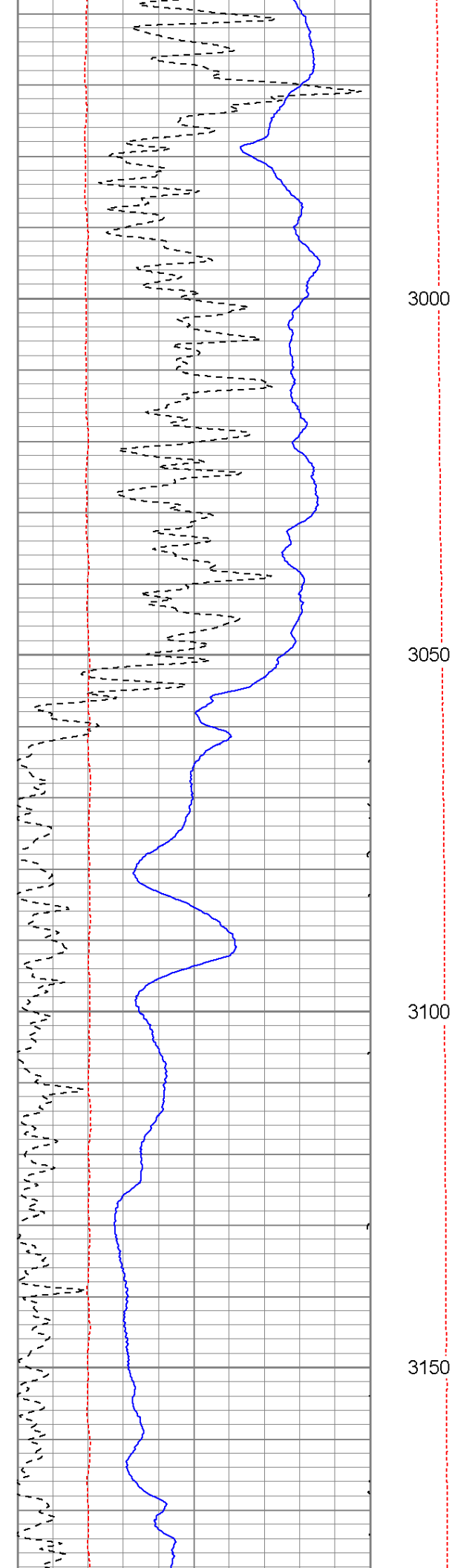


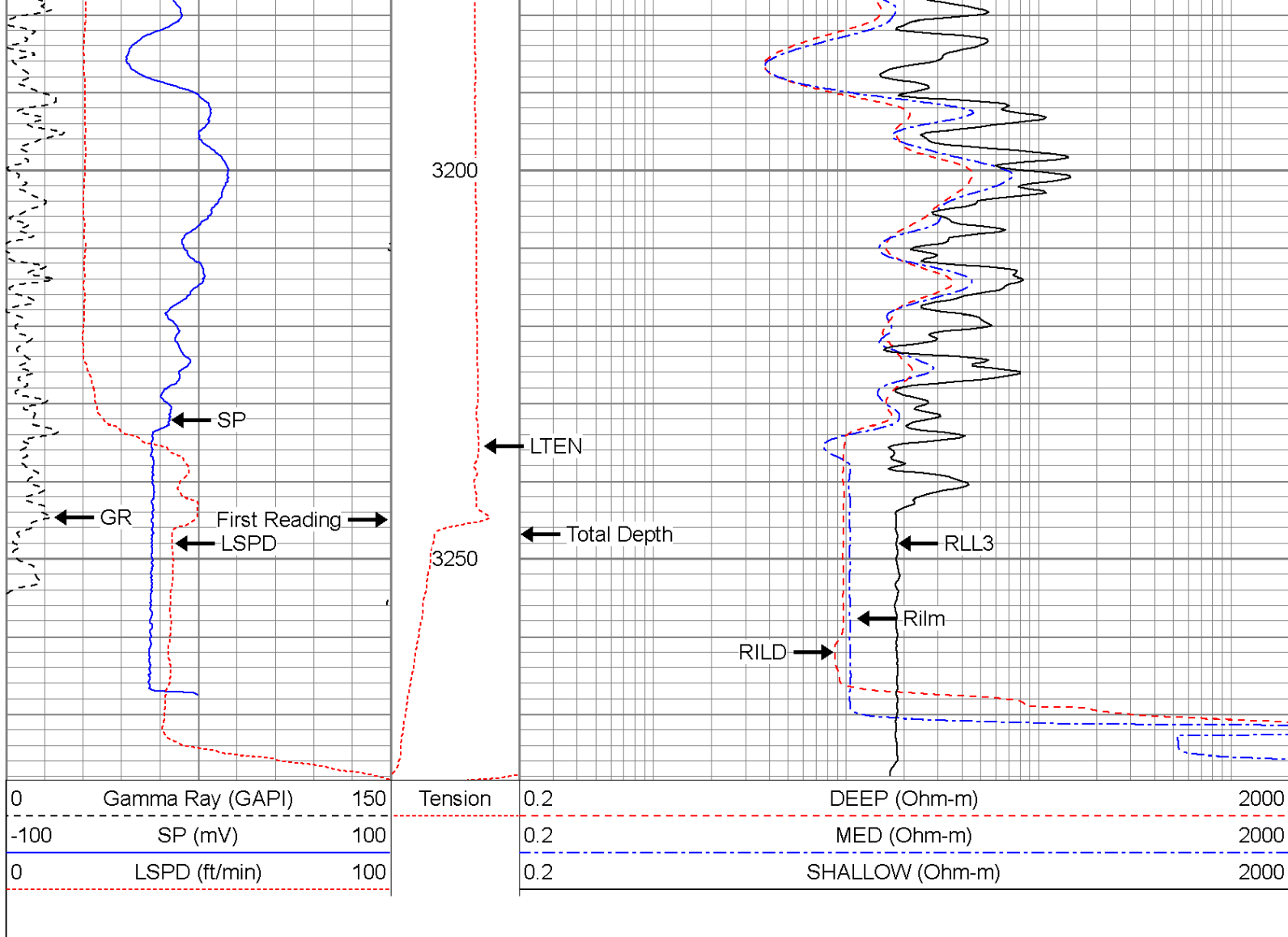













Log Variables

Database: C:\Warrior\Data\redtail_2.db
 Dataset: Maddix/rEDTAIL_2/Dig1/pass3

Top - Bottom

SPSHIFT mV 0	SNDERRM mmho/m -6	SNDERR mmho/m 4	SRFTEMP degF 0	CASEOD in 5.5	PERFS 0	TDEPTH ft 3247	BOTTEMP degF 111
BOREID in 7.875							

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	24.00		STNDRD Standard Cable Head	1.00	1.69	10.00
			GR-GEAR_A (GR2001) DIL	2.83	3.50	40.00

CILD
SP

11.50
11.50



DIL-GEAR (G_5592-GEAR)
G_5592-GEAR

21.25 4.00 250.00

CILM

7.80



RLL3

2.00



Dataset: redtail_2.db: Maddix/rEDTAIL_2/Dig1/pass3
Total Length: 25.08 ft
Total Weight: 300.00 lb
O.D. 4.00 in