



DUAL INDUCTION
GR/L3 LOG

Company VAL ENERGY, INC
Well HOUSE RANCH # 3-30
Field WILDCAT
County COWLEY
State KANSAS

Company VAL ENERGY, INC
Well HOUSE RANCH # 3-30
Field WILDCAT
County COWLEY State KANSAS

Location: API #: 15-035-24793-00-00
SW NE NE NW
590' FNL & 3045' FEL
SEC 30 TWP 33S RGE 6E
Permanent Datum GL Elevation 1299
Log Measured From KB
Drilling Measured From KB
Other Services
MICRO
CDLN
Elevation
K.B. 1308
D.F. 1307
G.L. 1299

Date	12-9-2023
Run Number	ONE
Depth Driller	3350
Depth Logger	3347
Bottom Logged Interval	3345
Top Log Interval	SURFACE
Casing Driller	8.625" @ 300
Casing Logger	8.625" @ 300
Bit Size	7.875"
Type Fluid in Hole	MUD
Density / Viscosity	9.5 / 65
pH / Fluid Loss	10.5 / 5.6
Source of Sample	PIT
Rm @ Meas. Temp	2.6 @ 70
Rmf @ Meas. Temp	2.08 @ 70
Rmc @ Meas. Temp	3.12 @ 70
Source of Rmf / Rmc	CALCULATED
Rm @ BHT	1.56 @ 109
Time Circulation Stopped	5:30 PM
Time Logger on Bottom	7:00 PM
Maximum Recorded Temperature	109
Equipment Number	OW2
Location	HOMINY, OK
Recorded By	SHELDON TYLER
Witnessed By	MR. WOLFE

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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

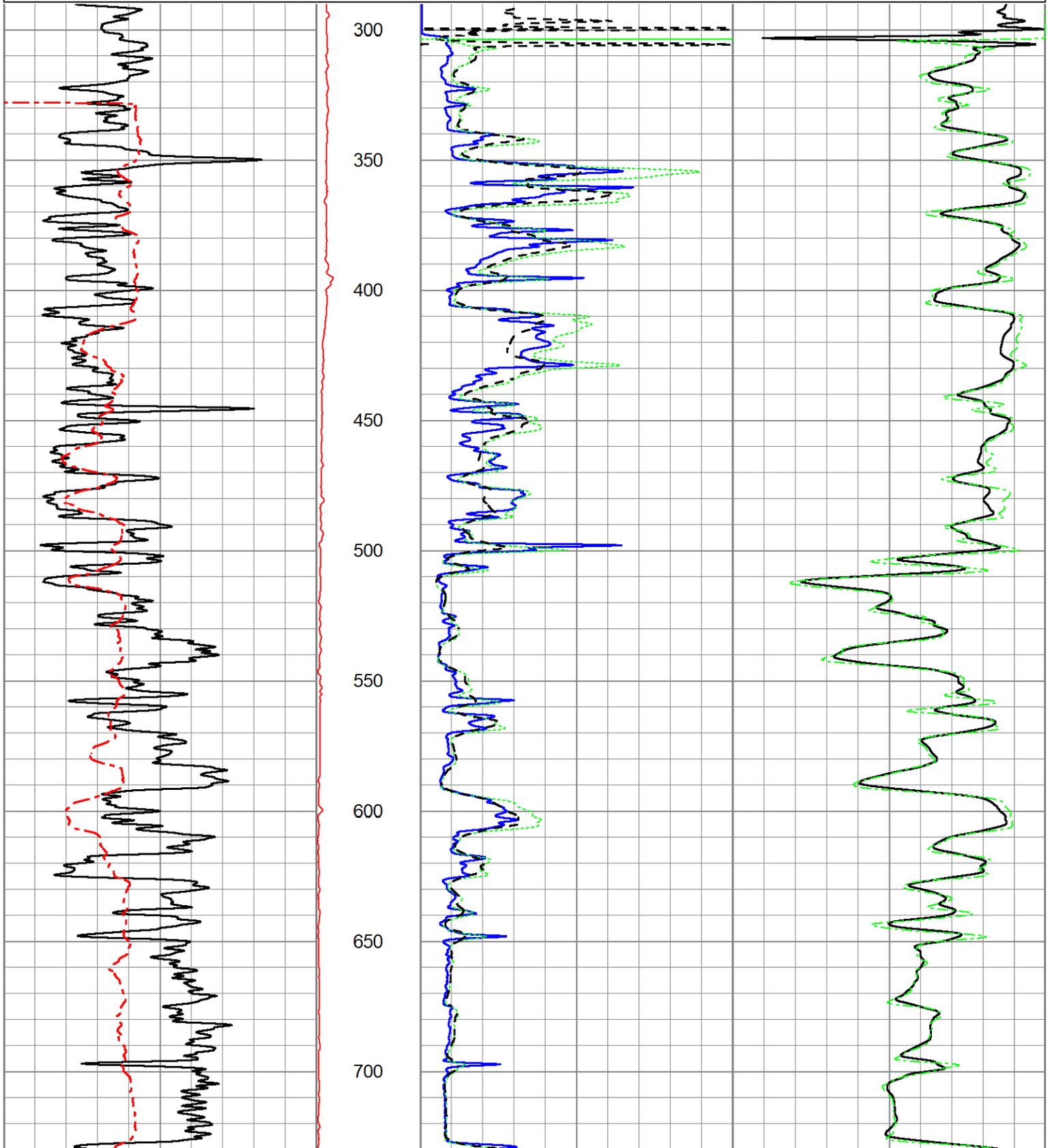
FILE # OW2-9243 VAL ENERGY
KIDD, LUND, WEEKS
THANK YOU FOR USING OSAGE WIRELINE

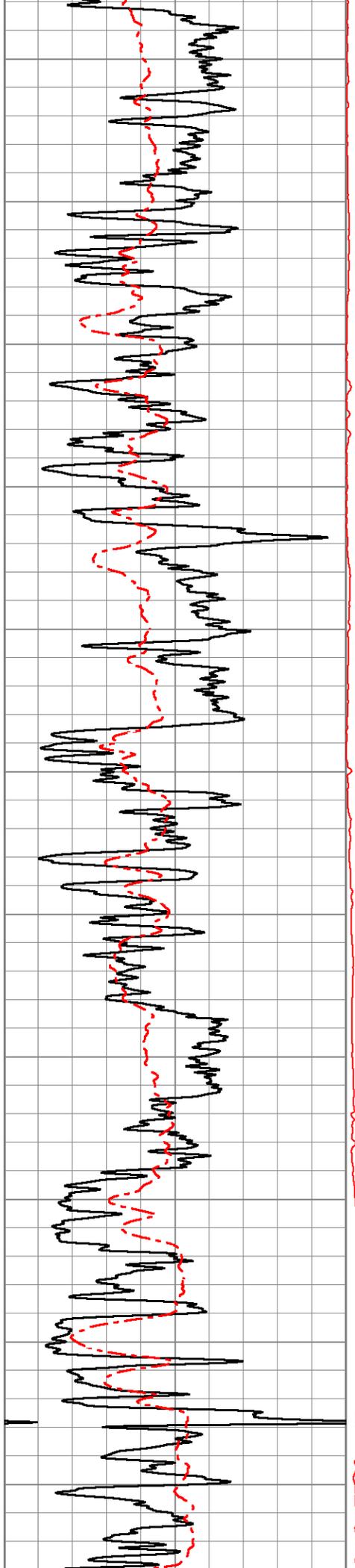


2" DUAL INDUCTION LOG

Database File ow2-9243 val energy.db
 Dataset Pathname pass2.7
 Presentation Format st_dil_2inch_6-16
 Dataset Creation Sat Dec 09 20:03:54 2023
 Charted by Depth in Feet scaled 1:600

0	GR (GAPI)	150	DEVI	1000	CILD (mmho/m)	0	
-40	Spontaneous Potential (mV)	160	0 (deg)	15	1000	CILM (mmho/m)	0
			0	RLL3 (Ohm-m)	50		
			0	RILM (Ohm-m)	50		
			0	RILD (Ohm-m)	50		





750

800

850

900

950

1000

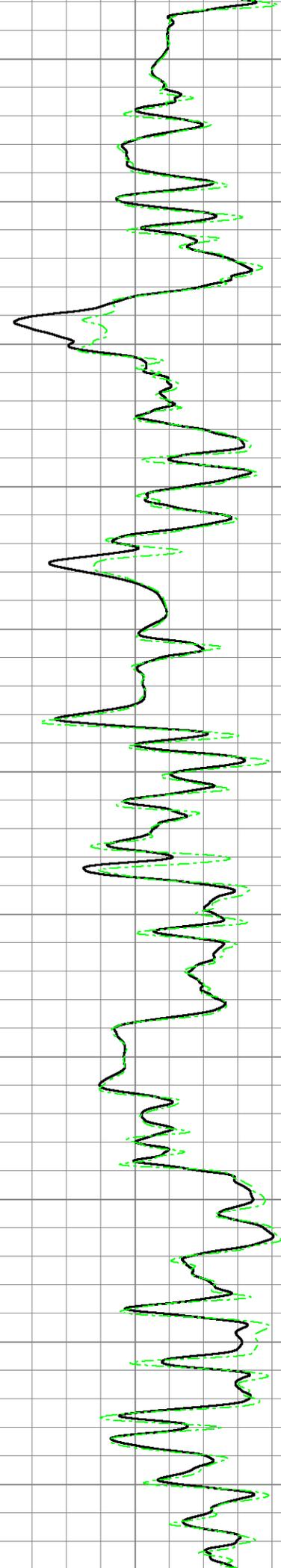
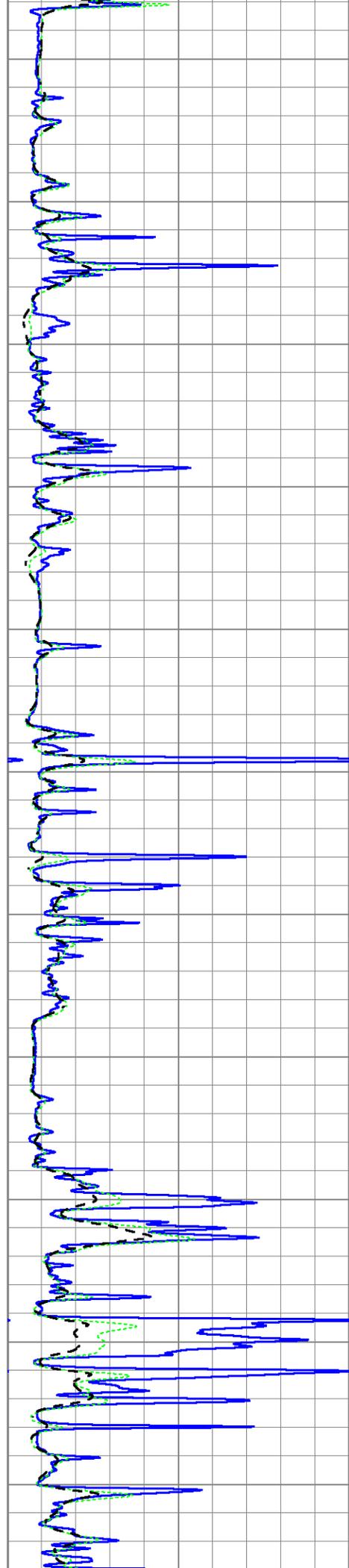
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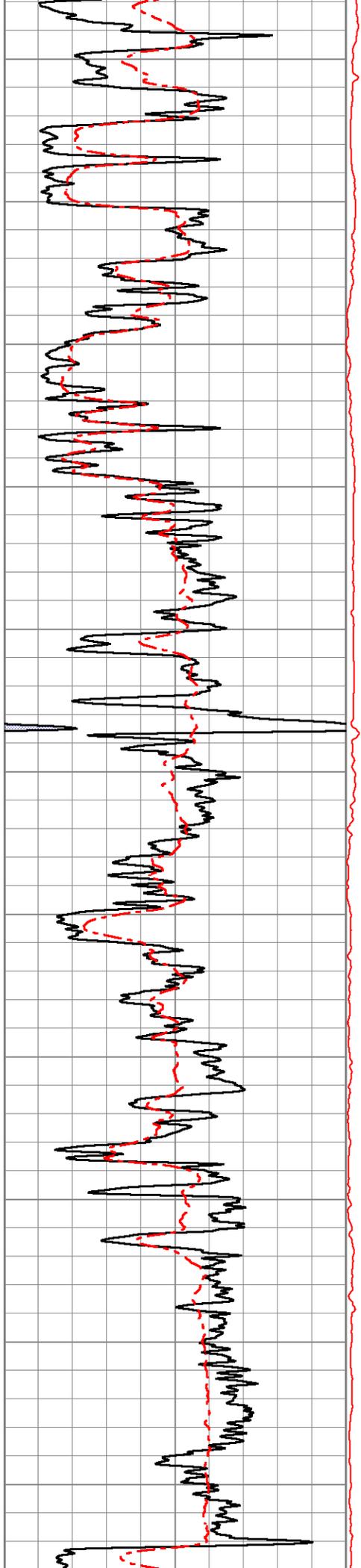
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1150

1200

1250





1300

1350

1400

1450

1500

1550

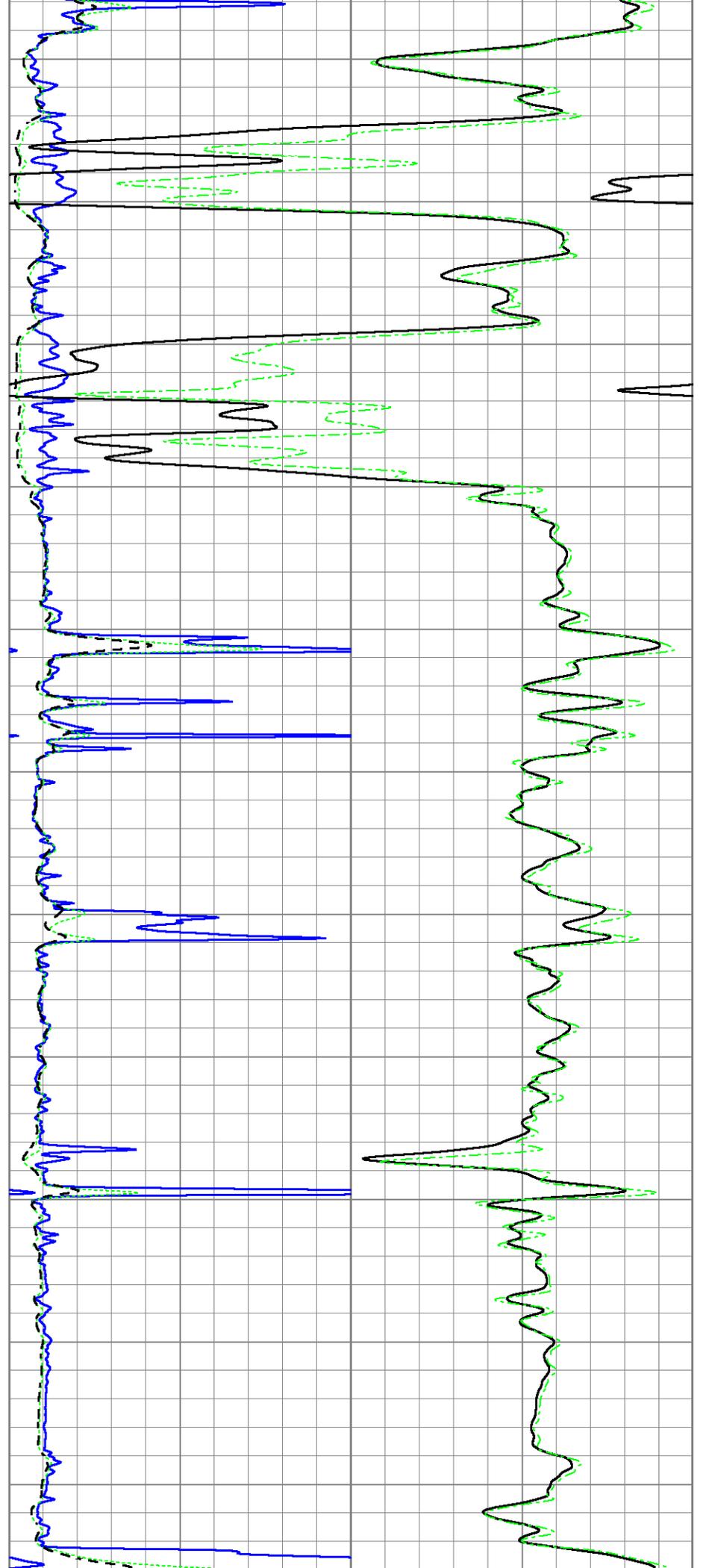
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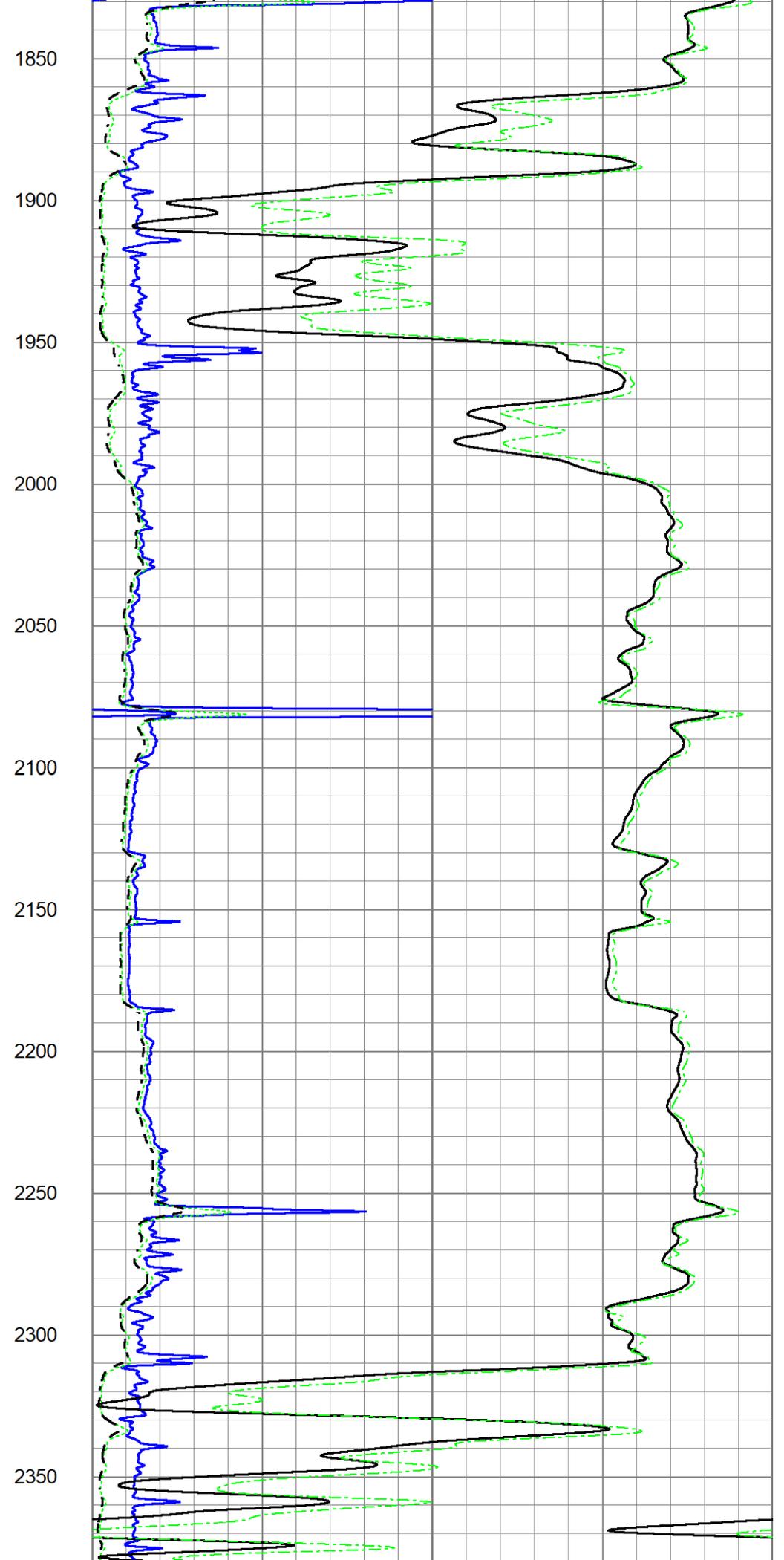
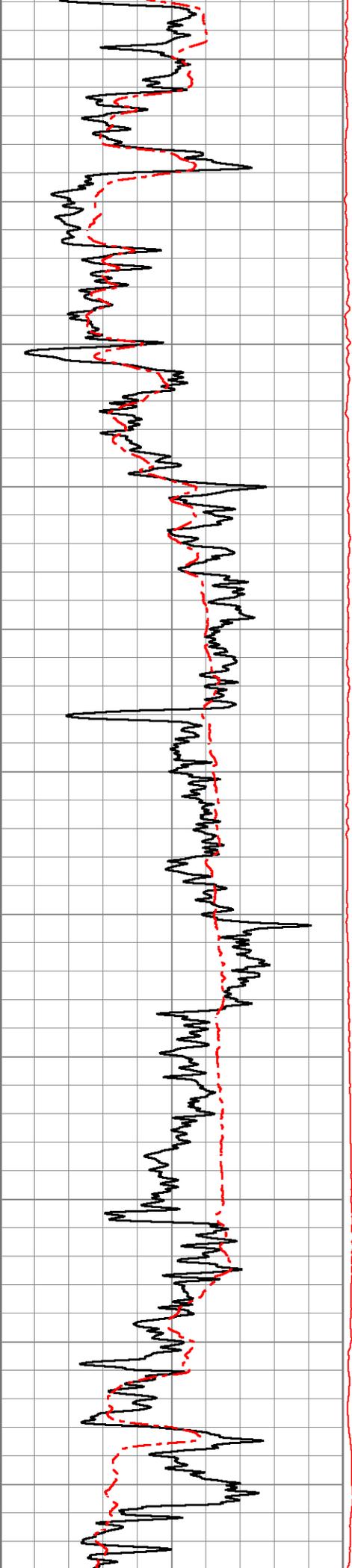
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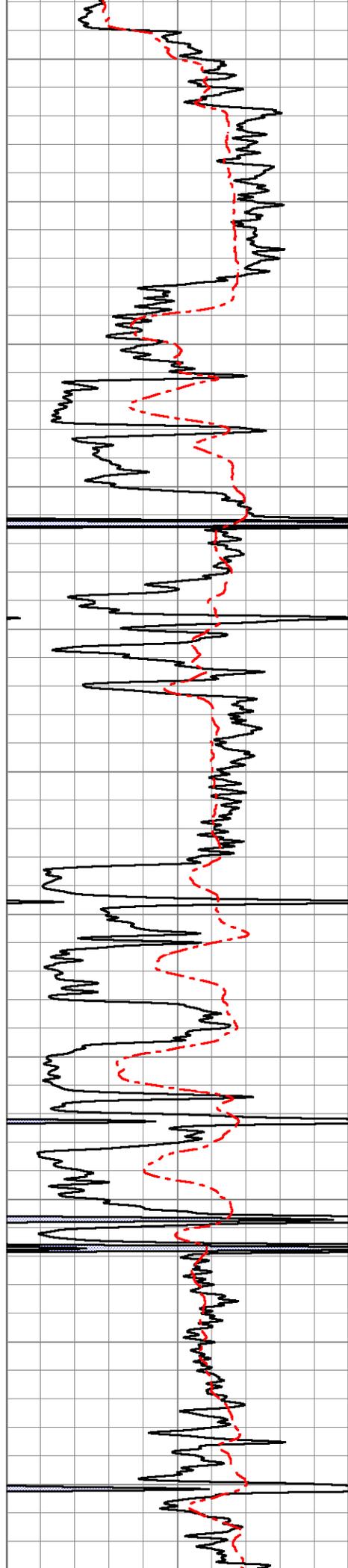
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1750

1800







2400

2450

2500

2550

2600

2650

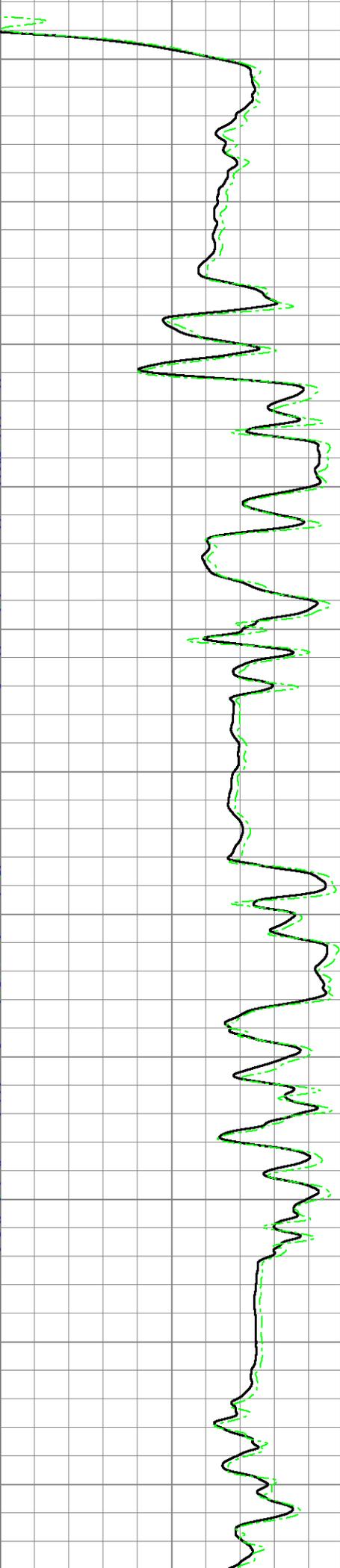
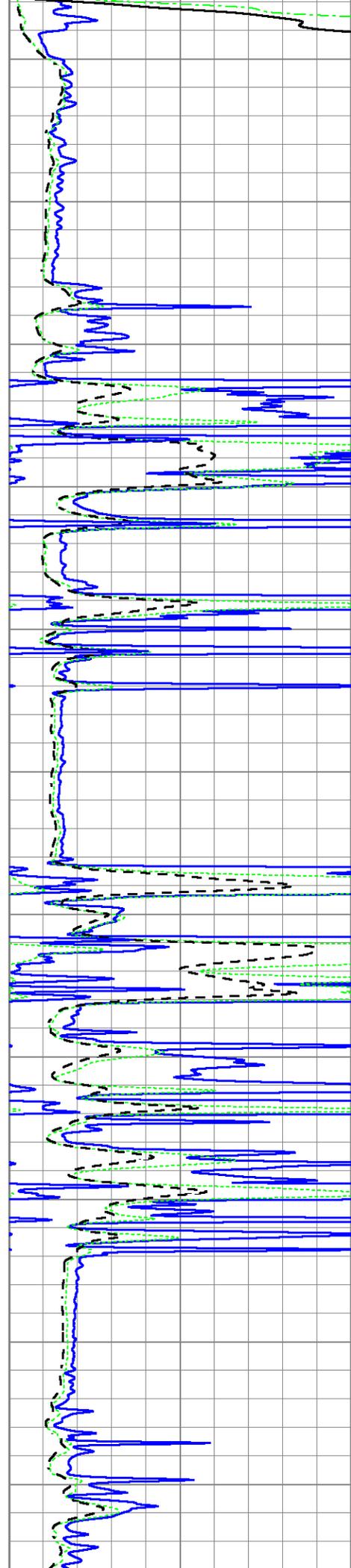
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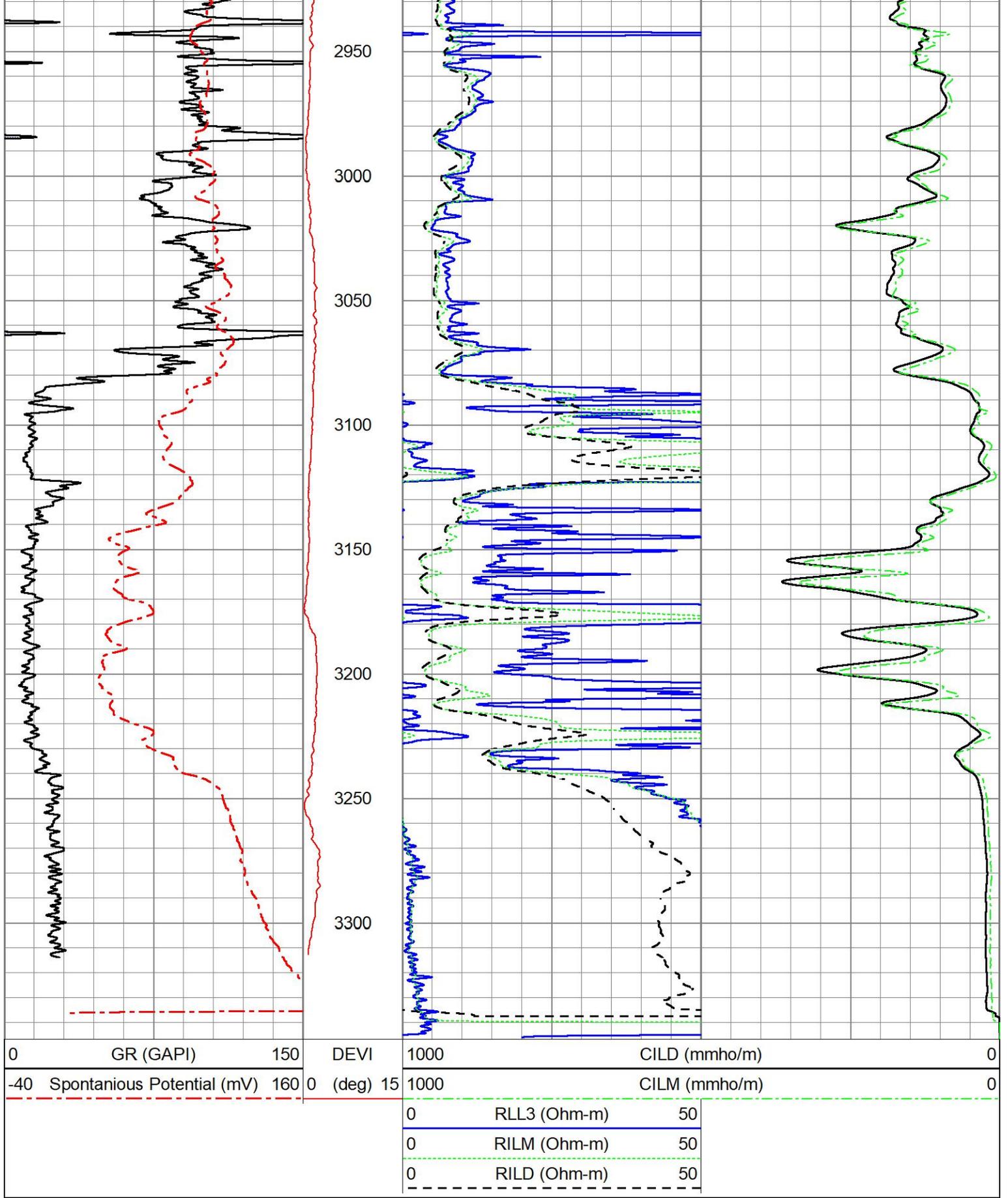
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2800

2850

2900

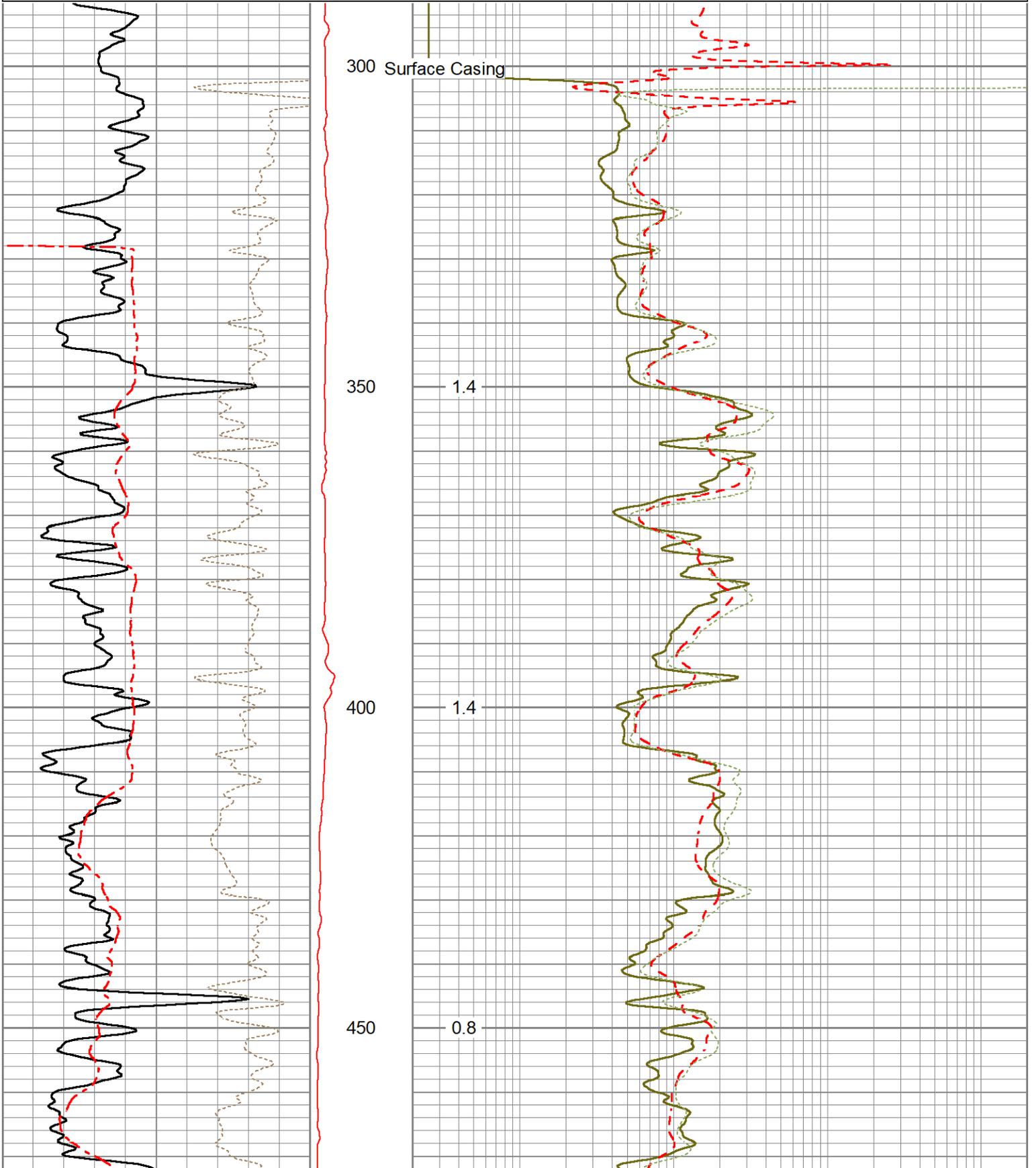


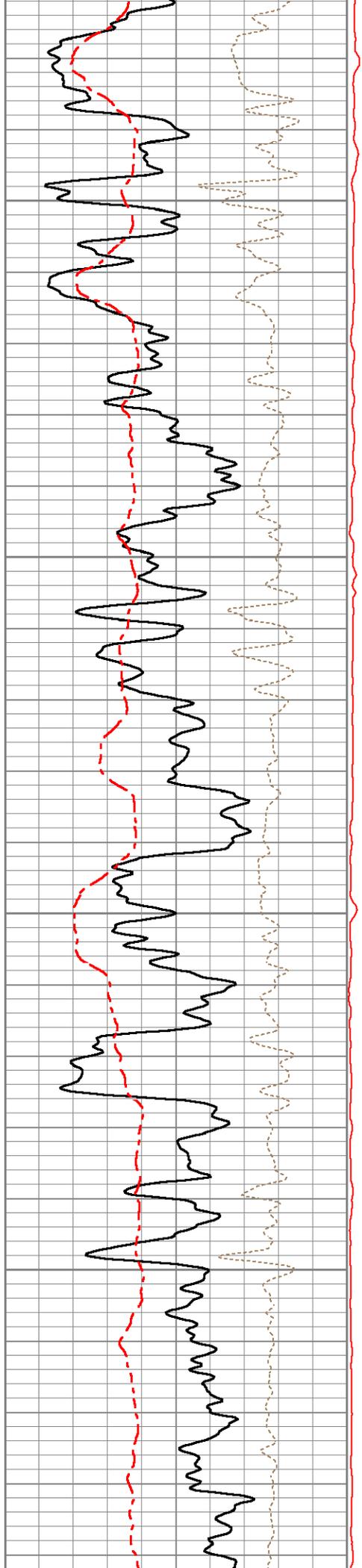


5" DUAL INDUCTION LOG

Database File ow2-9243 val energy.db
 Dataset Pathname pass2.6
 Presentation Format st-dil_5
 Dataset Creation Sat Dec 09 20:03:46 2023
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	DEVI	0.2	Shallow Resistivity (Ohm-m)	2000
-40	Spontaneous Potential (mV)	160	0 (deg)	10	Deep Resistivity (Ohm-m)	2000
-150	Rxo\Rt	50			Medium Resistivity (Ohm-m)	2000
			DEVI (deg)			



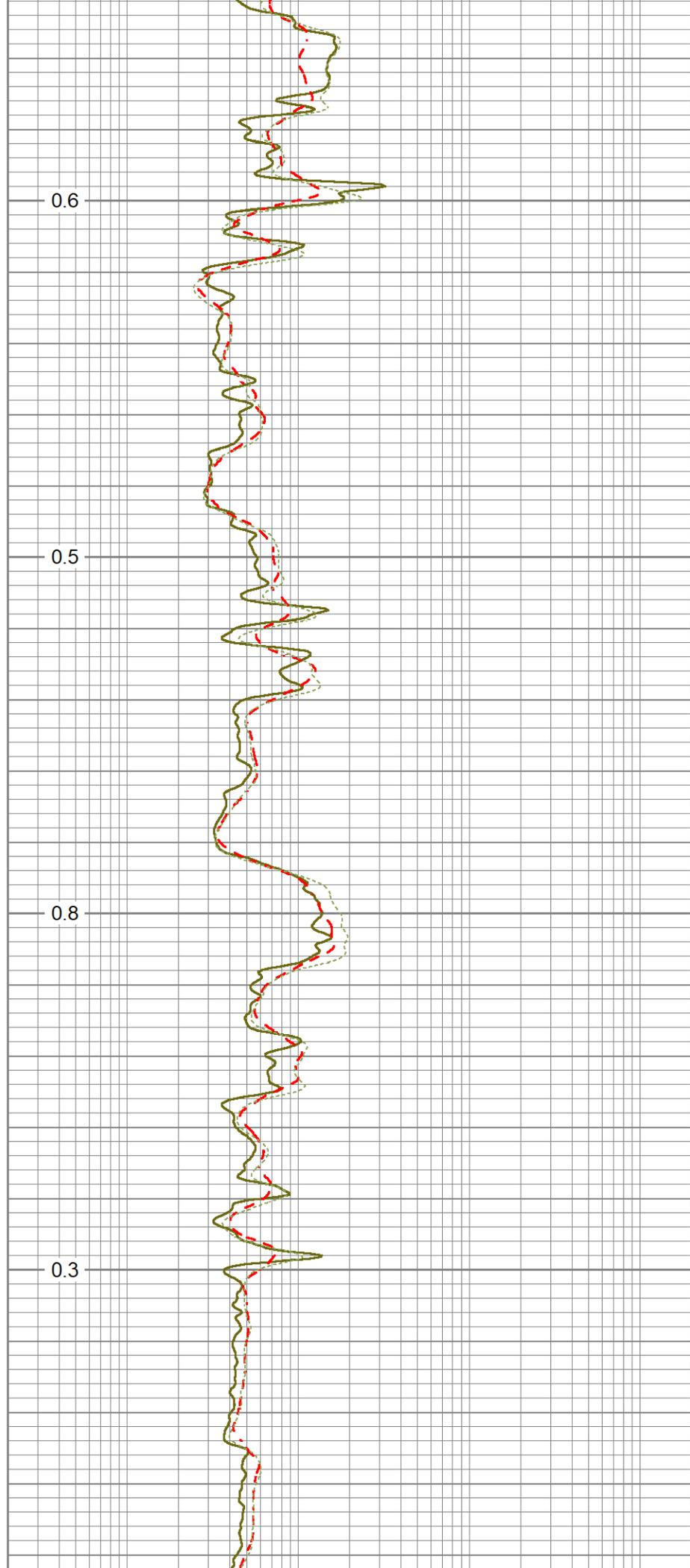


500

550

600

650

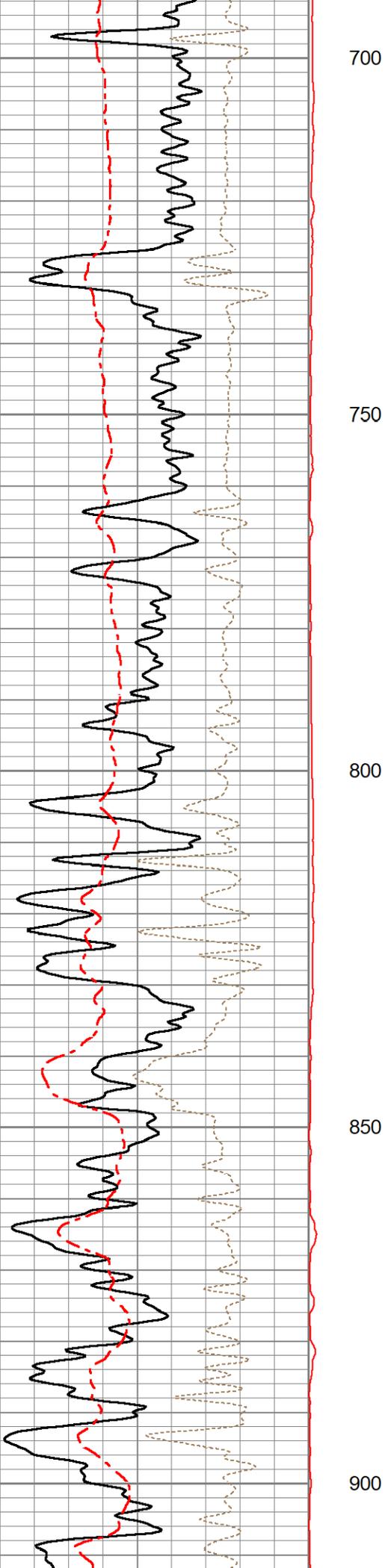


0.6

0.5

0.8

0.3



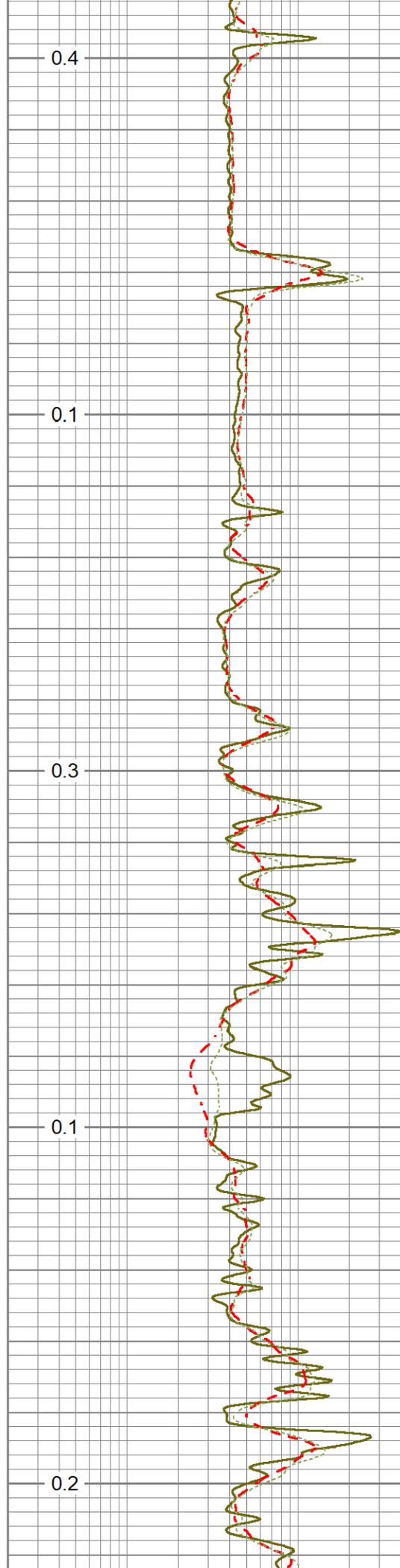
700

750

800

850

900



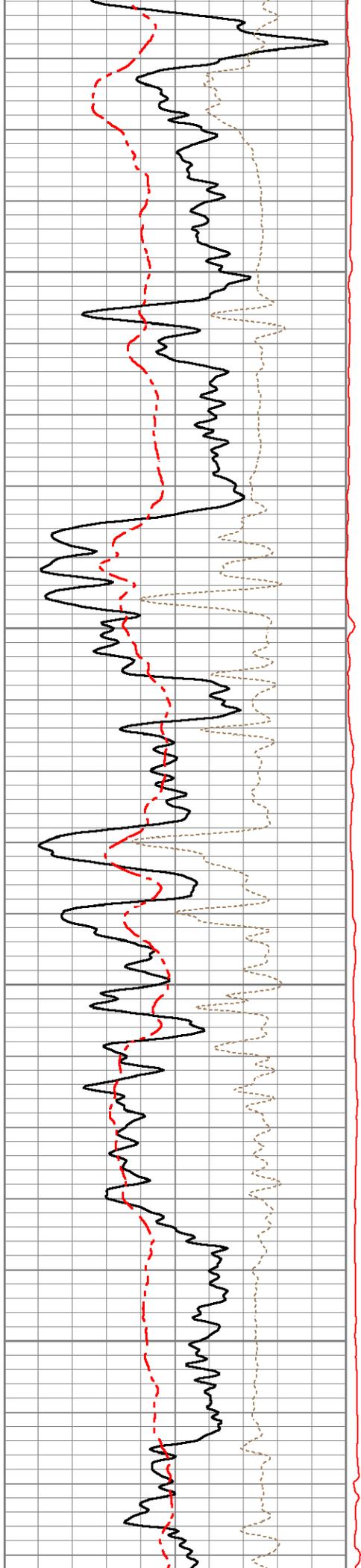
0.4

0.1

0.3

0.1

0.2

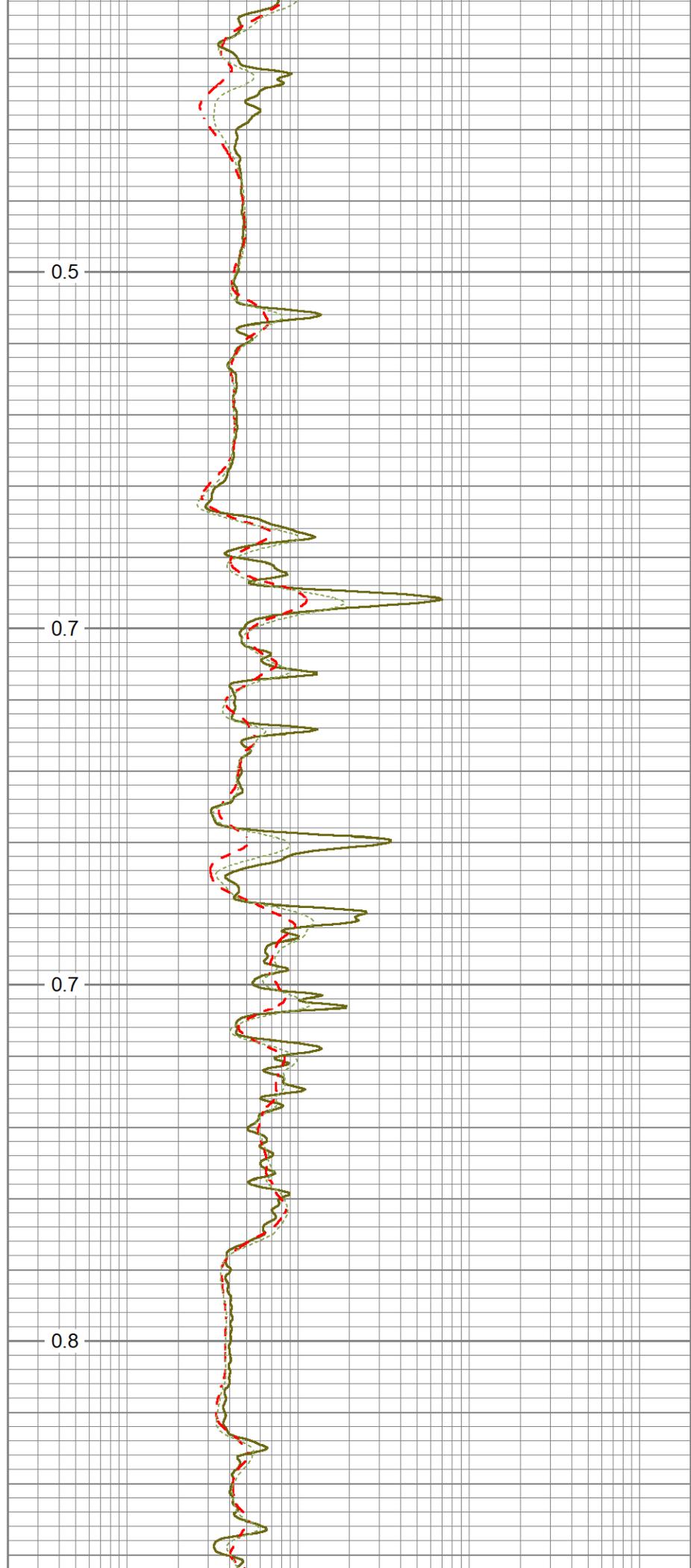


950

1000

1050

1100

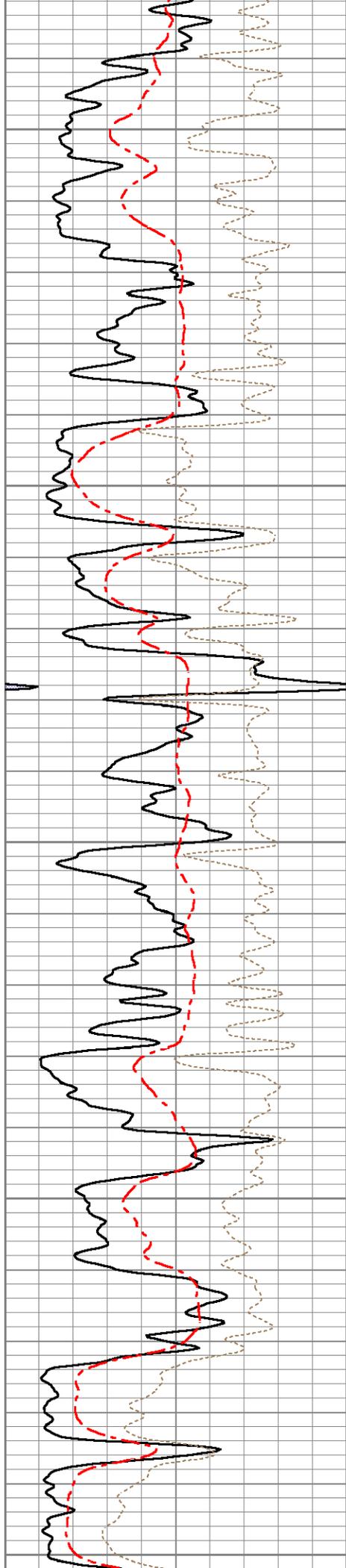


0.5

0.7

0.7

0.8



1150

1200

1250

1300

1350

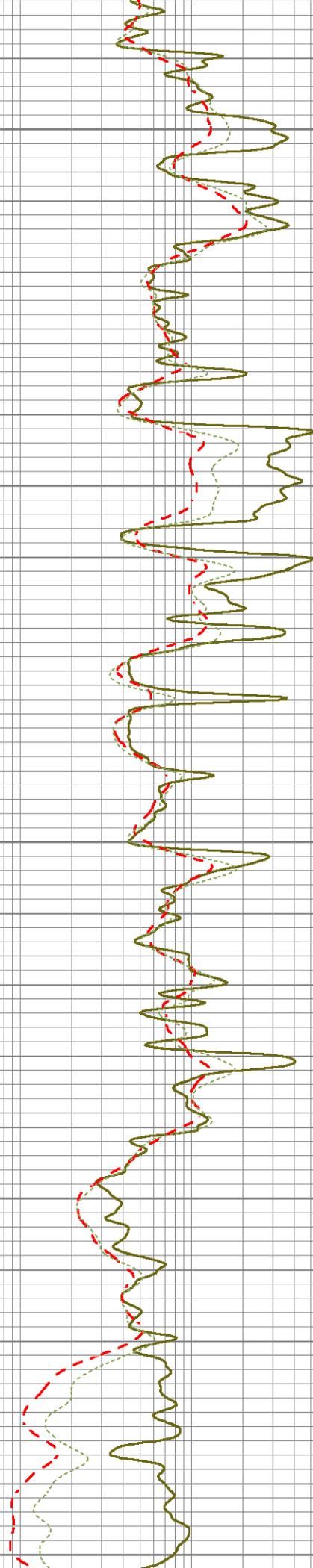
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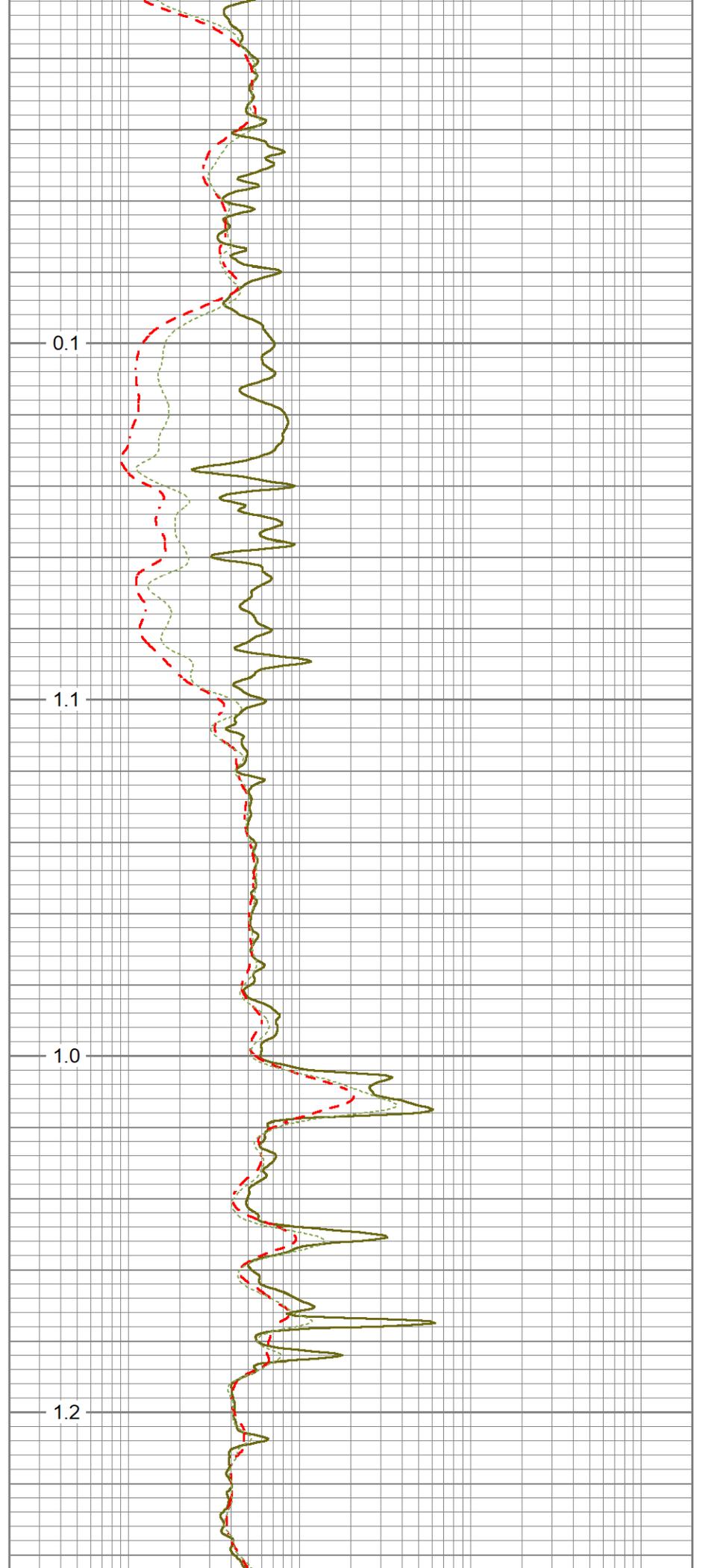
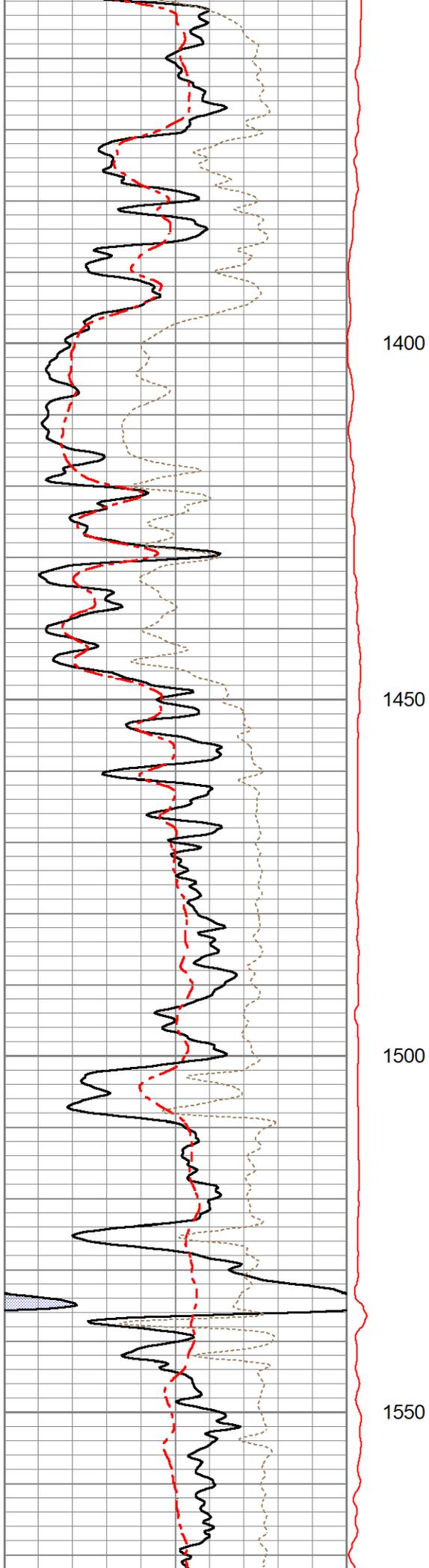
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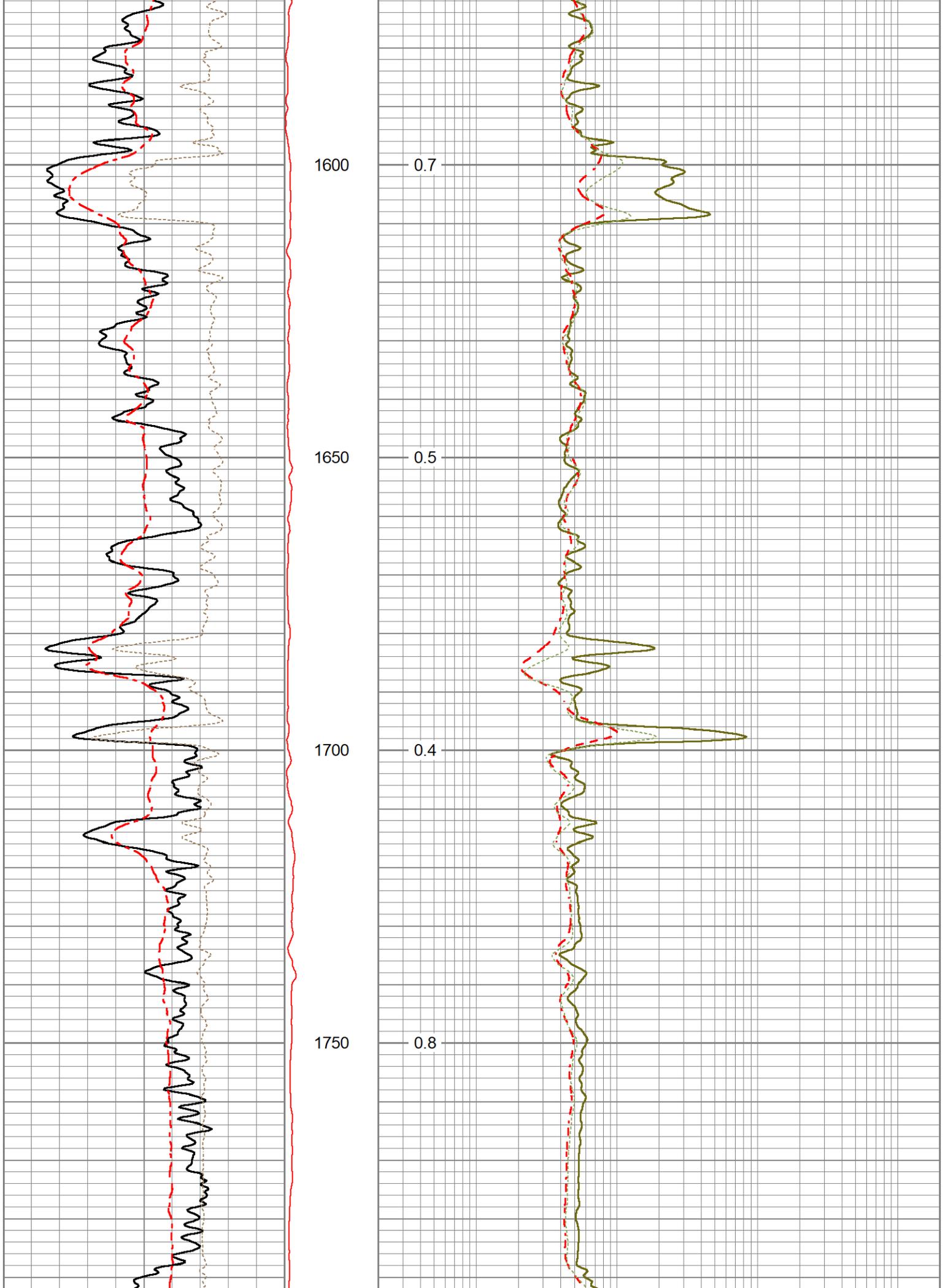
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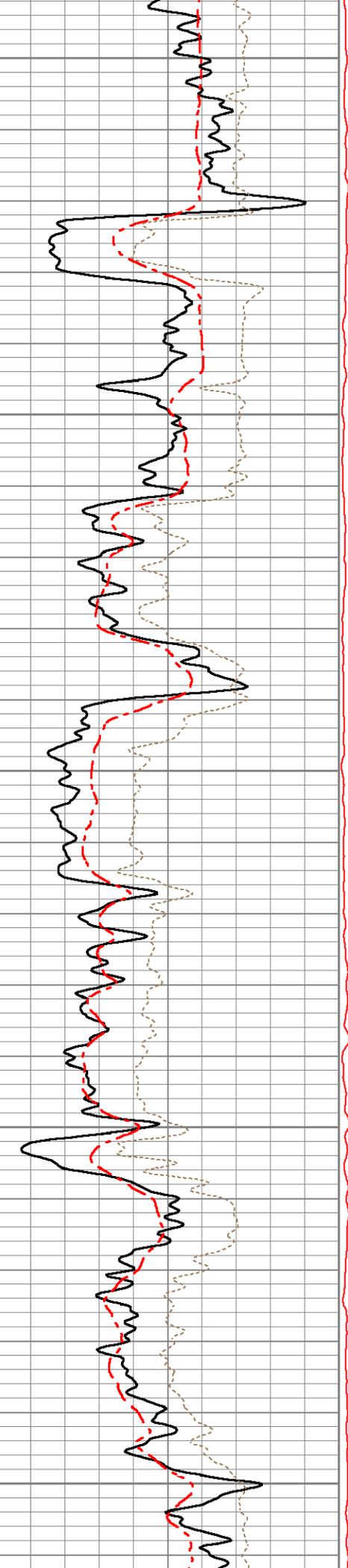
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1.3









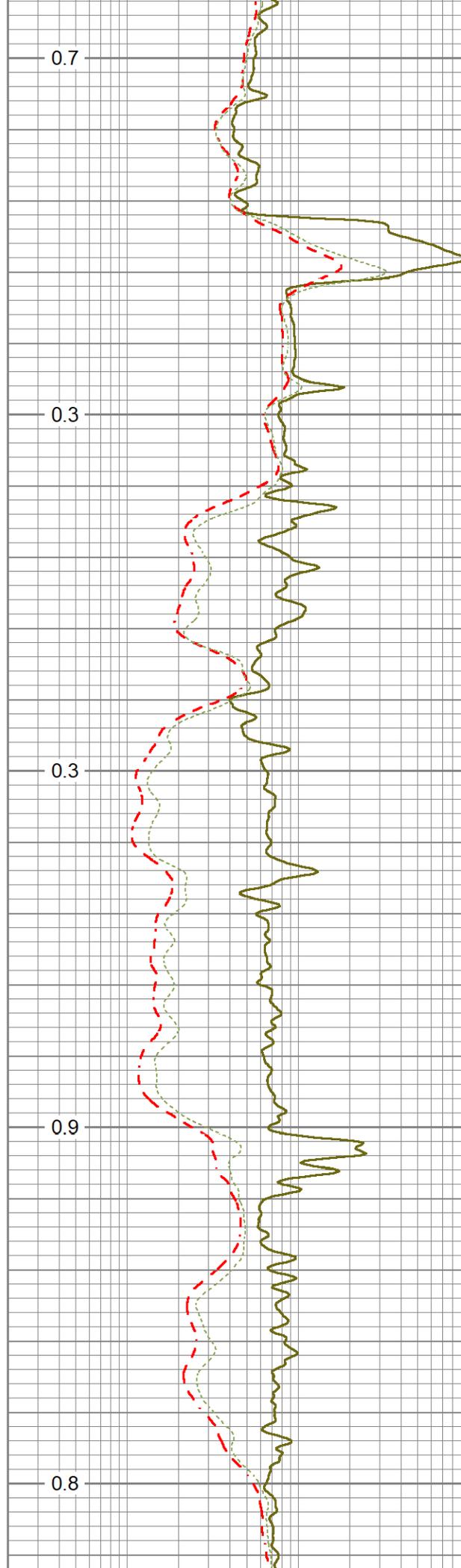
1800

1850

1900

1950

2000



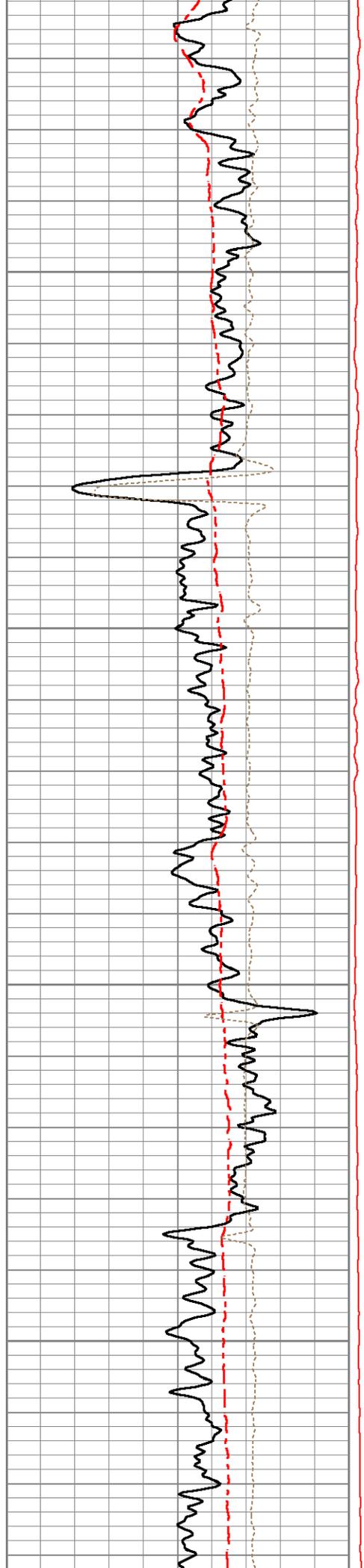
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0.3

0.3

0.9

0.8

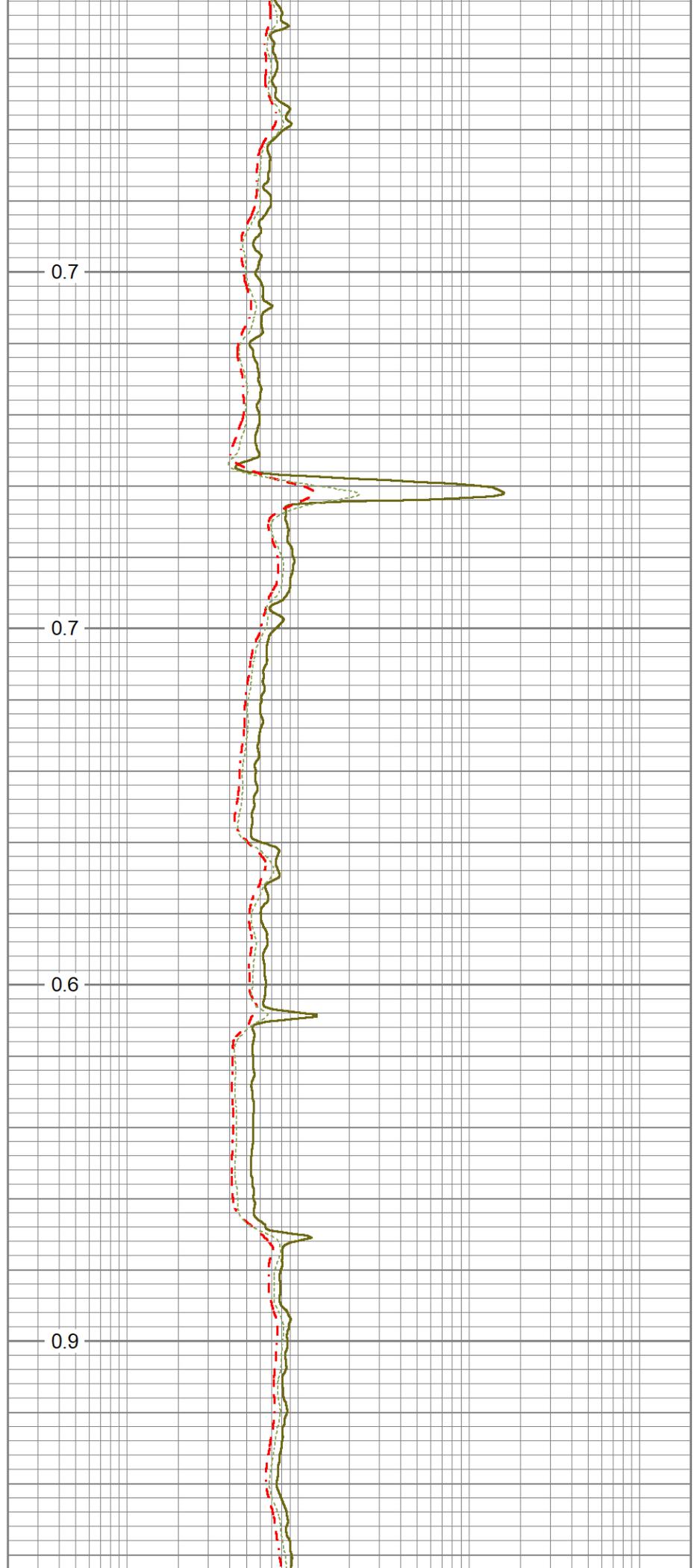


2050

2100

2150

2200

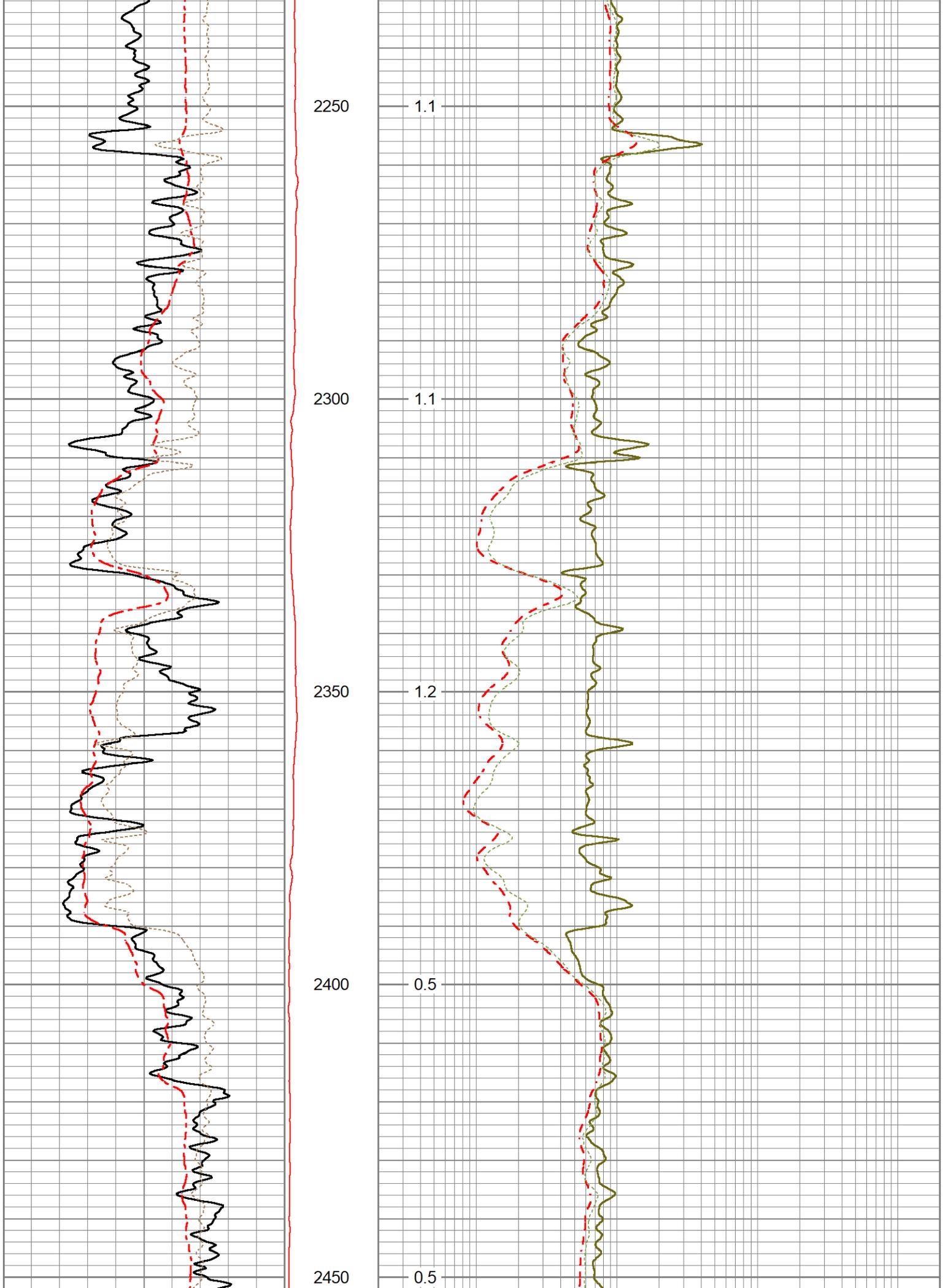


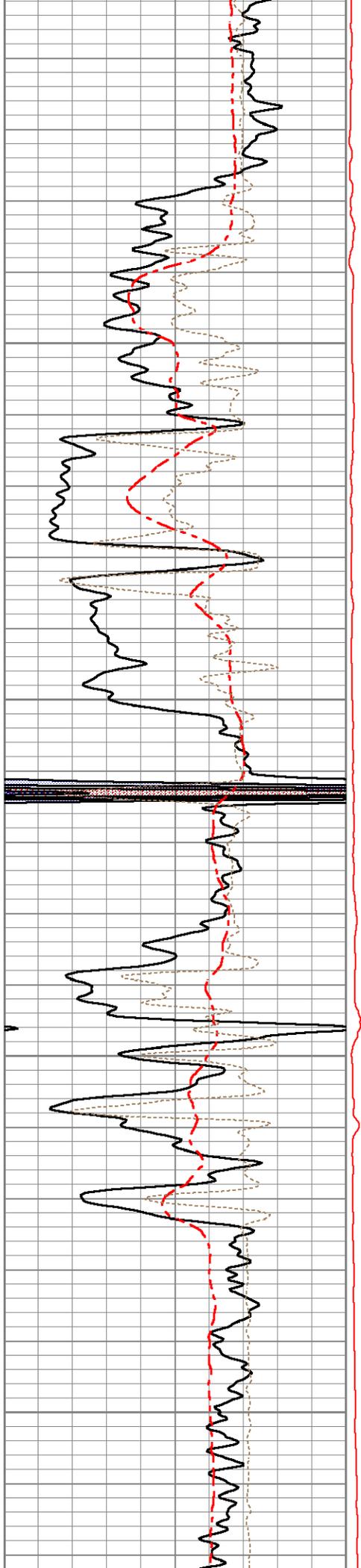
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0.7

0.6

0.9



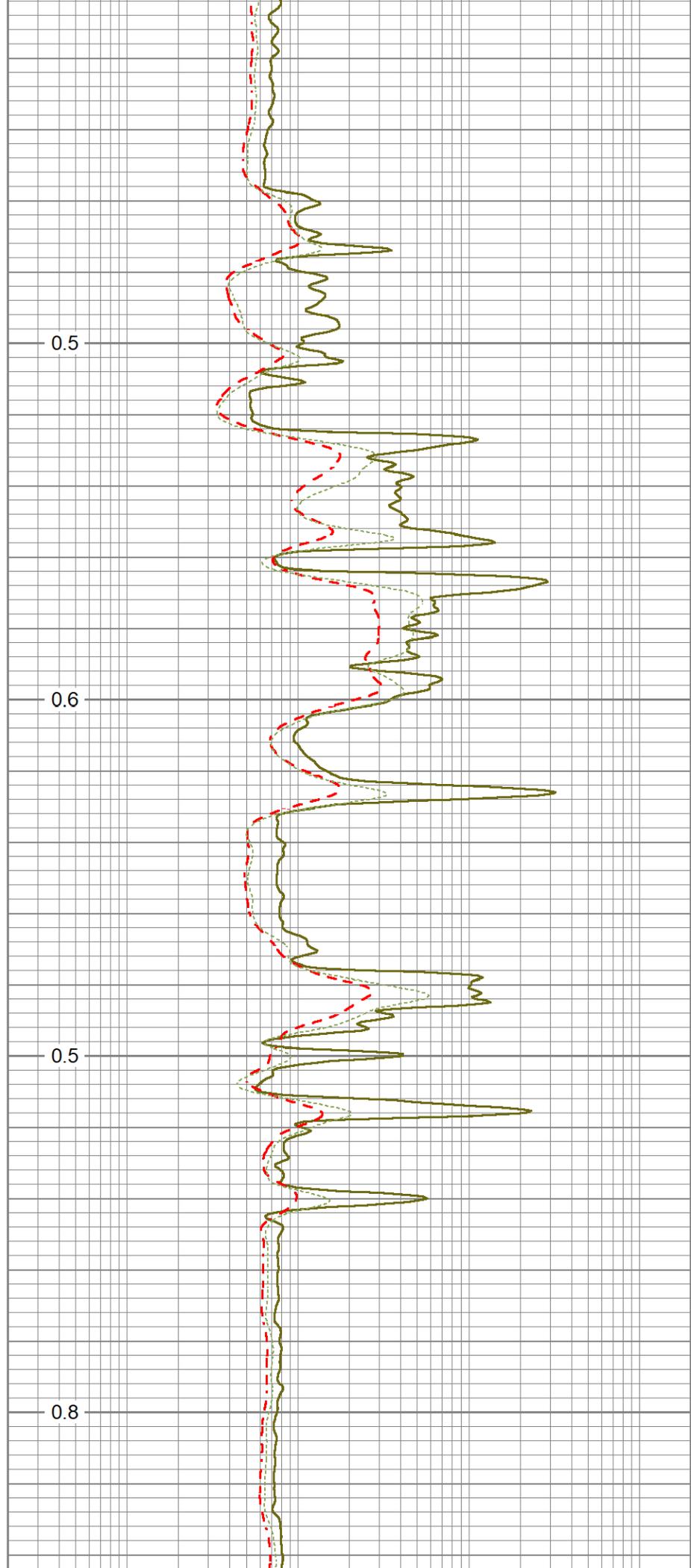


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2550

2600

2650

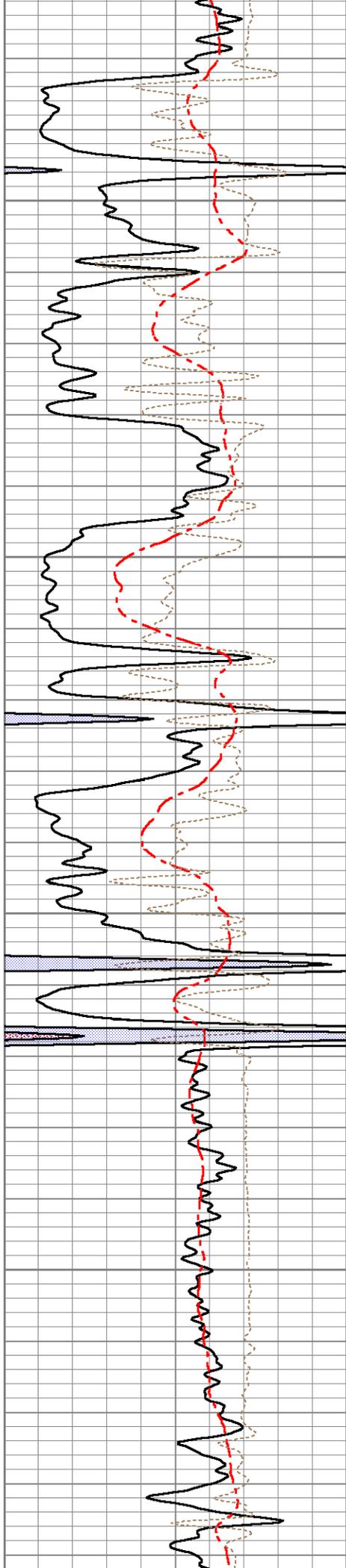


0.5

0.6

0.5

0.8

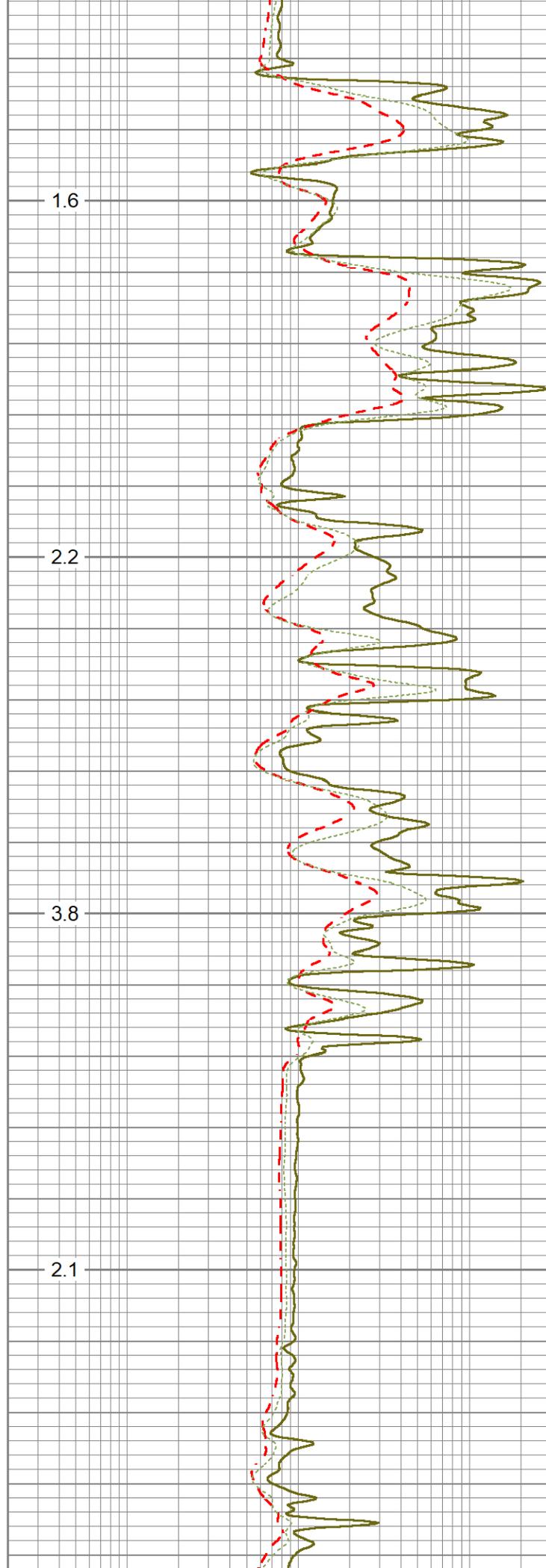


2700

2750

2800

2850

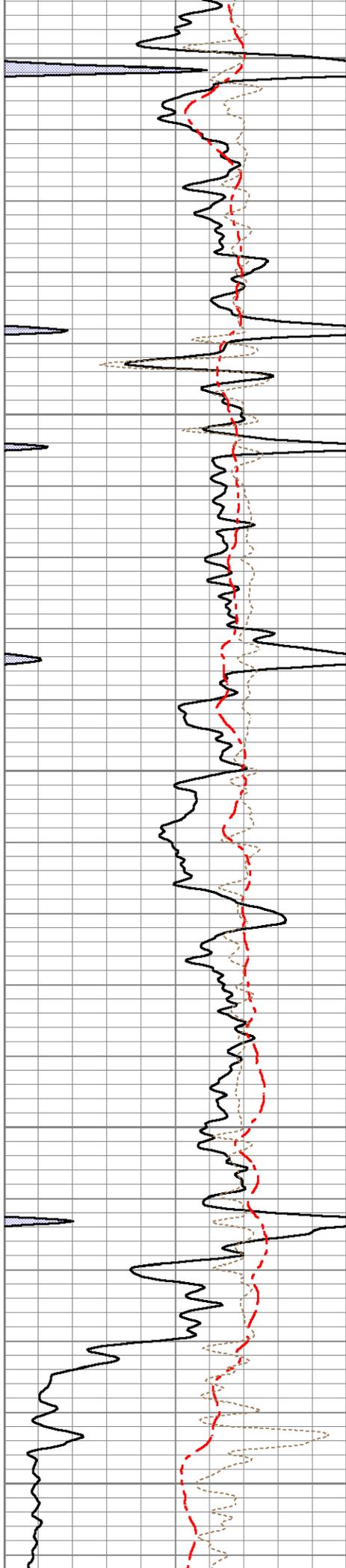


1.6

2.2

3.8

2.1



2900

2950

3000

3050

3100

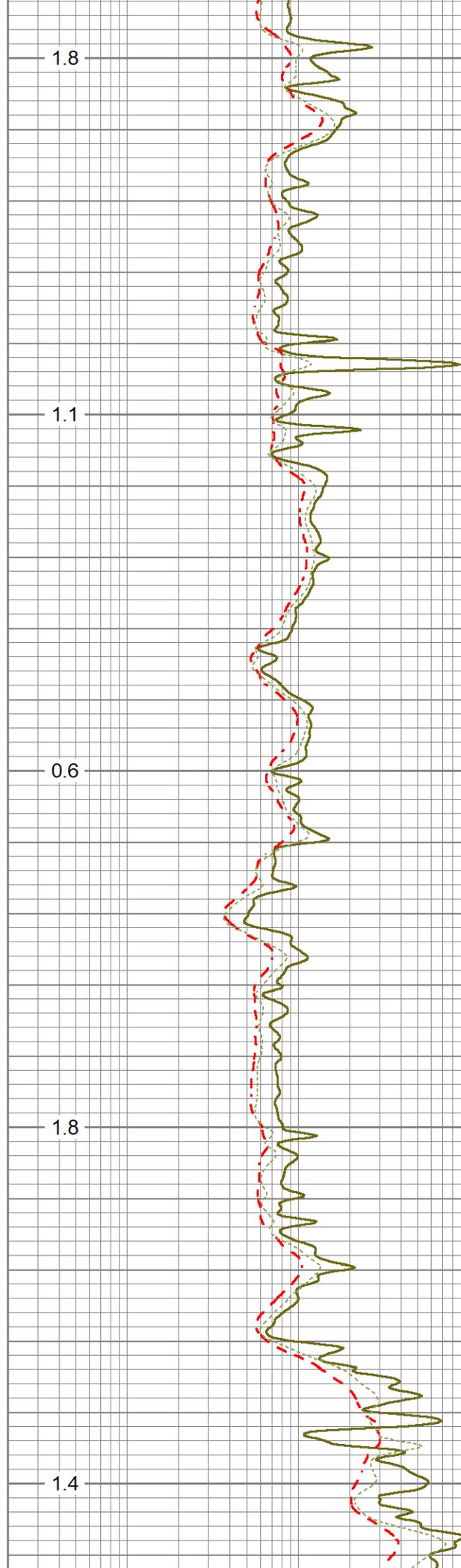
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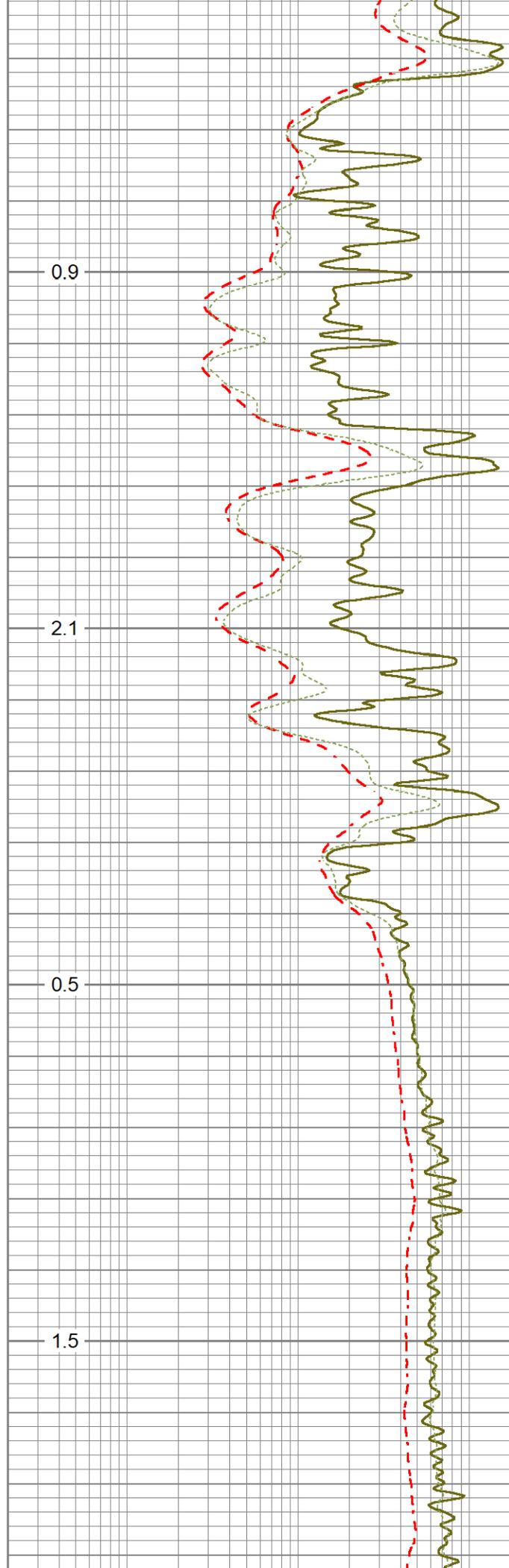
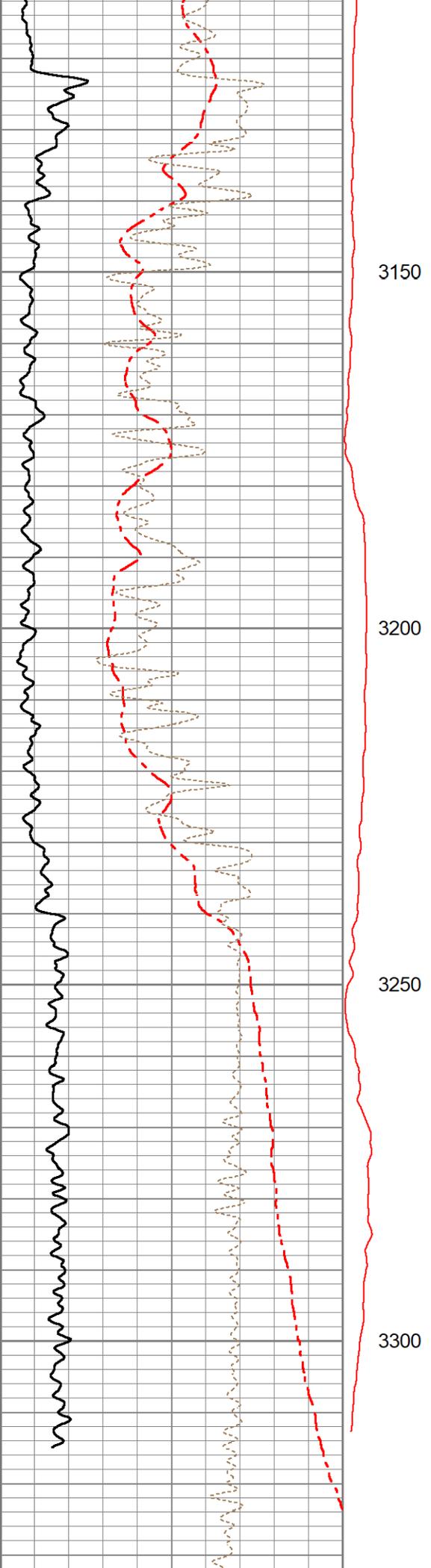
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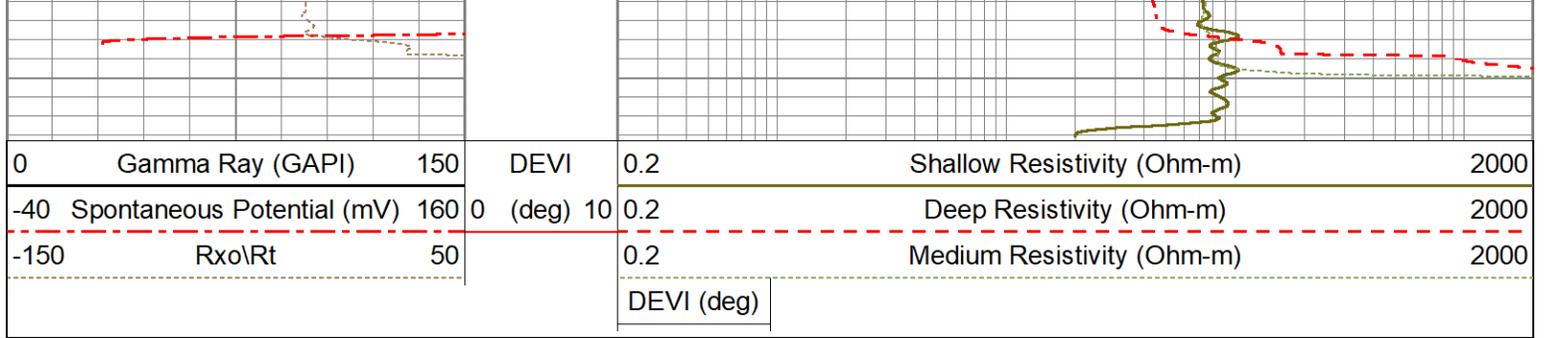
0.6

1.8

1.4







Calibration Report			
Database File	ow2-9243 val energy.db		
Dataset Pathname	pass2.7		
Dataset Creation	Sat Dec 09 20:03:54 2023		

Dual Induction Calibration Report

Serial-Model:	RedTool-G
Surface Cal Performed:	Thu Nov 30 13:48:18 2023
Downhole Cal Performed:	Thu Nov 30 13:48:37 2023
After Survey Verification Performed:	Thu Nov 30 13:48:40 2023

Surface Calibration									
Loop:	Readings				References			Results	
	Air	Loop			Air	Loop		m	b
Deep	0.007	0.642	V		6.000	340.000	mmho/m	526.092	2.359
Medium	0.010	0.728	V		-3.000	420.000	mmho/m	588.532	-8.701
Internal:	Zero	Cal			Zero	Cal		m	b
Deep	0.007	0.642	V		0.000	350.000	mmho/m	550.717	-3.768
Medium	0.010	0.729	V		0.000	550.000	mmho/m	764.510	-7.354

Downhole Calibration									
	Readings				References			Results	
	Zero	Cal			Zero	Cal		m'	b'
Deep	-2.869	354.028	mmho/m		-0.044	350.323	mmho/m	0.982	2.773
Medium	-3.741	414.629	mmho/m		-0.037	400.340	mmho/m	0.957	3.543
LL3		9.500	V			2000.000	Ohm-m		
		0.000	V			20.000	Ohm-m		
		-9.500	V			4500.000	mmho-m		

After Survey Verification									
	Readings				Targets			Results	
	Zero	Cal			Zero	Cal		m'	b'
Deep	1.000	0.000	mmho/m		-2.869	354.028	mmho/m	-356.897	354.028
Medium	1.000	0.000	mmho/m		-3.741	414.629	mmho/m	-418.370	414.629
LL3		0.000	Ohm-m			2.000	Ohm-m		
		1.000	Ohm-m			500.000	Ohm-m		
		0.000	mmho-m			1.000	mmho-m		

Microlog Calibration Report

Serial-Model:	070527-Osage
Performed:	Thu Nov 30 13:50:42 2023

Microlog Calibration Report									
	Readings				References			Results	
	Zero	Cal			Zero	Cal		m	b

Normal	-0.0028	0.0887	V	0.0000	10.0000	Ohm-m	109.2780	0.3082
Inverse	-0.0060	0.1128	V	0.0000	10.0000	Ohm-m	84.1776	0.5012
Caliper	1.7618	4.3262	V	4.8500	11.2500	in	2.4958	0.4528

Gamma Ray Calibration Report

Serial Number:	Refurb01	
Tool Model:	OSAGE_01	
Performed:	Thu Nov 30 13:51:24 2023	
Calibrator Value:	150.0	GAPI
Background Reading:	125.0	cps
Calibrator Reading:	875.0	cps
Sensitivity:	0.2000	GAPI/cps

Inclinometer Calibration Report

Performed:	Thu Nov 30 13:51:34 2023				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00	-1.00	1.00	gee
Y Accelerometer	205.00	1843.00	-1.00	1.00	gee
Z Accelerometer					gee

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)	
ACCY	31.04		ADMYR_TELEMETRY-OSAGE_01 (Refurb01) Admyr Telemetry With Gr, Deviation, ADC board and Pulses Board in it.	3.69	3.25	53.00	
ACCX	31.04						
GR	29.86						
FRAMES	28.54		MICRO_DIG-Osage (070527) Digital Microlog	7.21	5.13	137.00	
SSTAT	28.54						
PSTAT	28.54						
ASTAT	28.54						
MI	23.00						
MN	23.00						
MCAL	22.00						
ASTAT2	21.33						

SP	10.92		DIL-G (RedTool) Gearhart	21.33	4.00	290.00
CILD	10.92					
CILM	7.00					
RLL3	1.65					
TR_Mon	0.00					

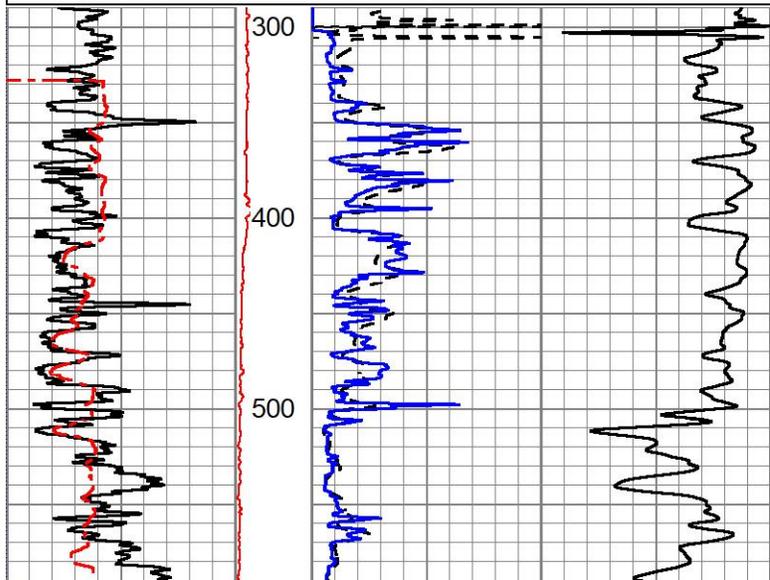
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 Total length: 32.23 ft
 Total weight: 480.00 lb
 O.D.: 5.13 in

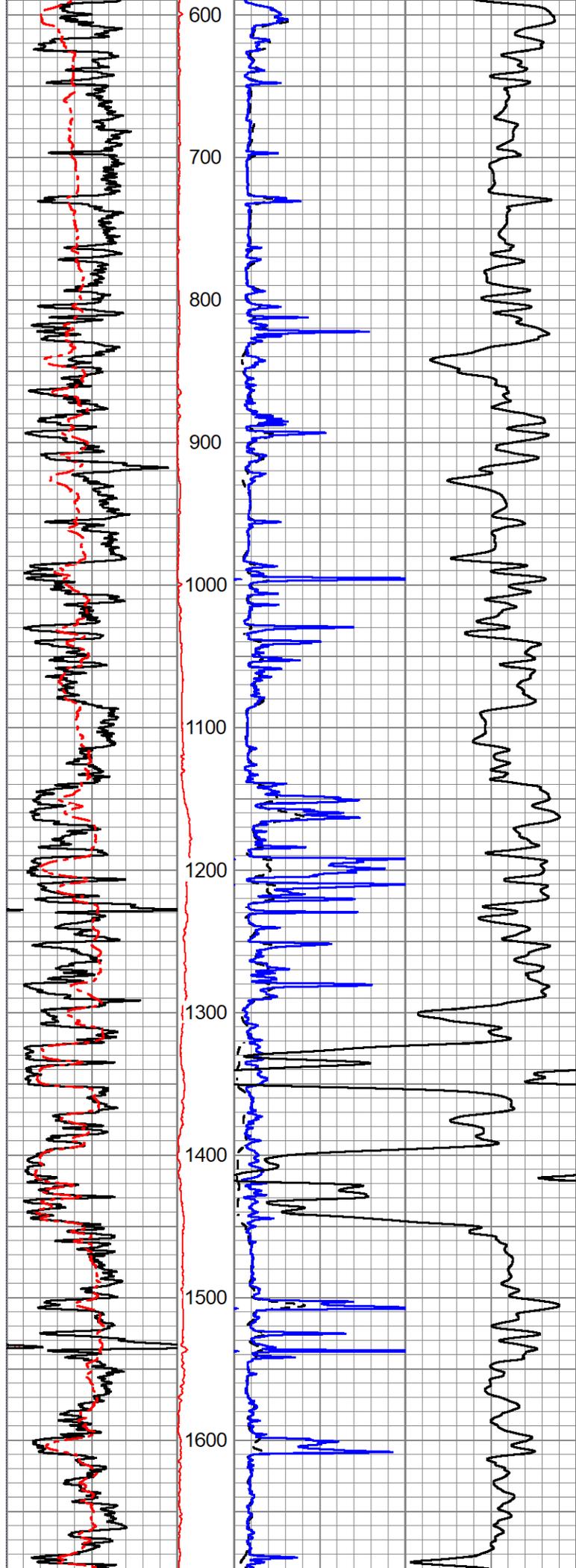


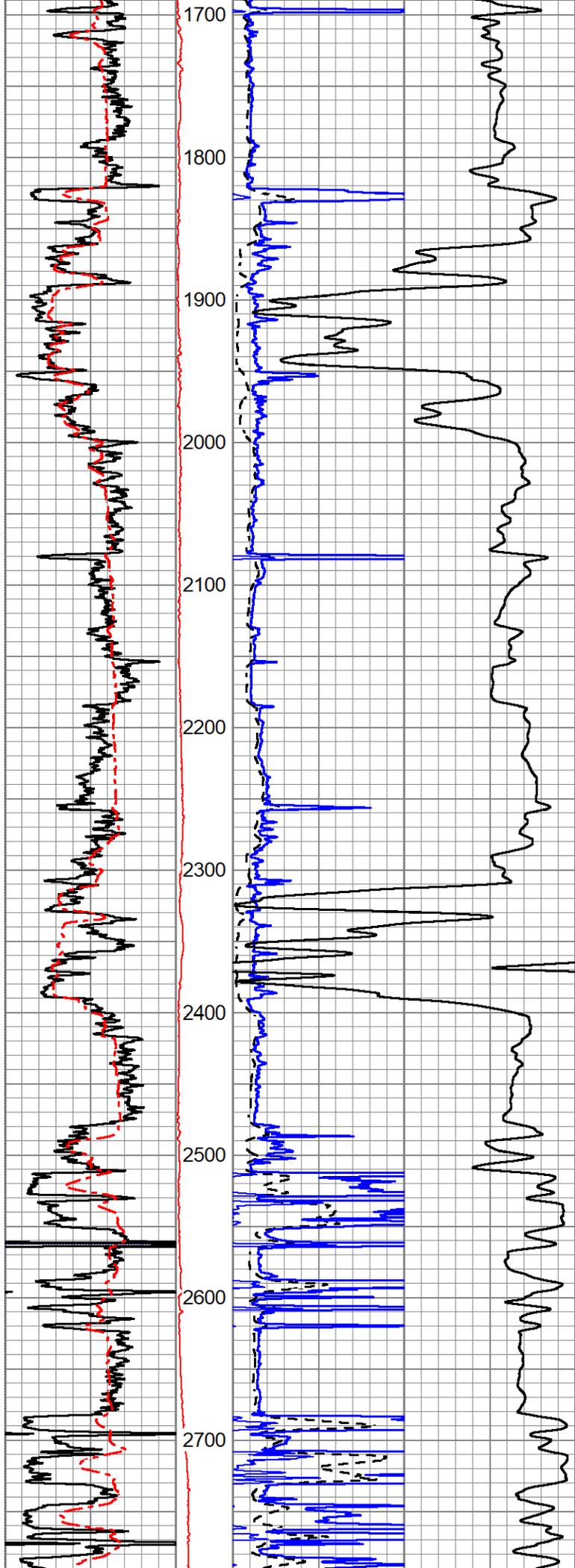
1" INDUCTION LOG

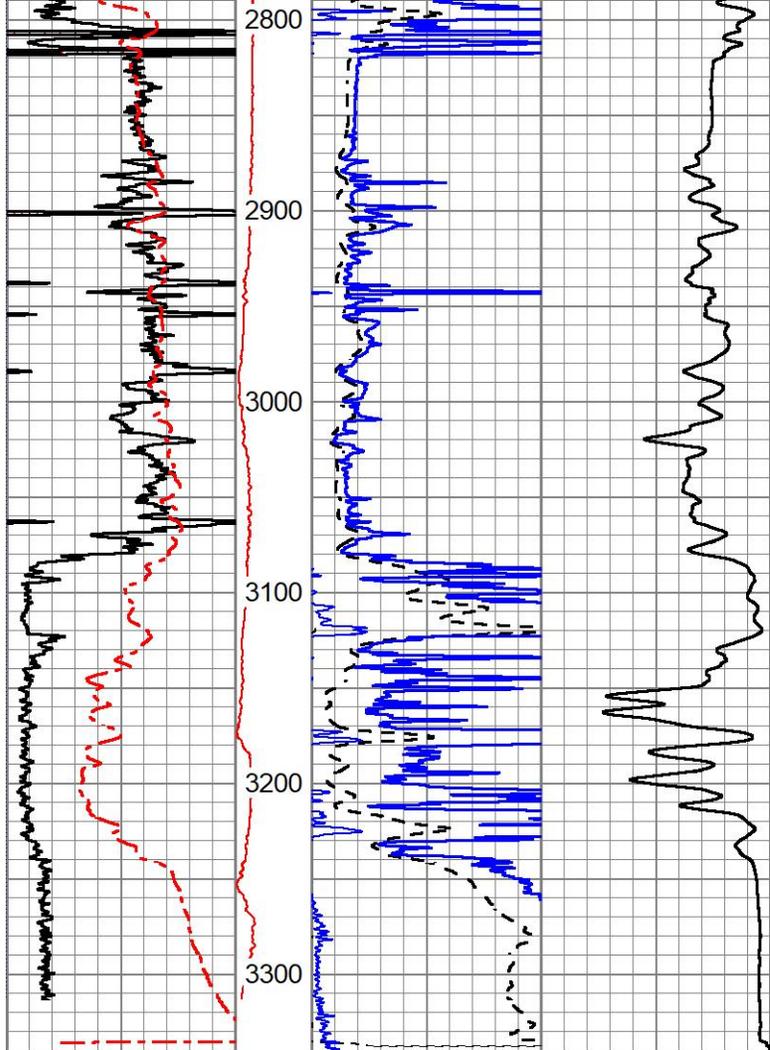
Database File ow2-9243 val energy.db
 Dataset Pathname pass2.8
 Presentation Format st_dil_1inch_6-16
 Dataset Creation Sat Dec 09 20:04:02 2023
 Charted by Depth in Feet scaled 1:1200

0	GR (GAPI)150	DEVI	1000	CILD (mmho/m)	0
-40	SP (mV) 160	(deg)		RILD	
		0 10		(Ohm-m) 50	
				RLL3	
				(Ohm-m) 50	









0	GR (GAPI)	150	DEVI	1000	CILD (mmho/m)	0
-40	SP (mV)	160	(deg)			
			0 10			
				RILD		
				0 (Ohm-m)	50	
				RLL3		
				0 (Ohm-m)	50	



1" INDUCTION LOG