



DUAL INDUCTION LL3/GR LOG

Company LAWCO HOLDINGS, LLC.		Company LAWCO HOLDINGS, LLC.	
Well	WALKER # 1-31	Well	WALKER # 1-31
Field	WILDCAT	Field	WILDCAT
County	COWLEY	County	COWLEY
State	KANSAS	State	KANSAS
Location:		API # : 15-035-24644-0000	
Permanent Datum		SEC 31 TWP 34S RGE 7E	
Log Measured From		700' FSL & 1460' FEL	
Drilling Measured From		SE/4	
GL		Elevation 1290'	
GL		Other Services	
GL		LDT, SWN	
		MEL, SONIC	
		Elevation	
		K.B. ---	
		D.F. ---	
		G.L. 1290'	
Date	10-24-2015		
Run Number	ONE		
Depth Driller	3495'		
Depth Logger	3494'		
Bottom Logged Interval	3492'		
Top Log Interval	SURFACE		
Casing Driller	8 5/8" @ 316'		
Casing Logger	8 5/8" @ 316'		
Bit Size	7 7/8"		
Type Fluid in Hole	MUD		
Density / Viscosity	9.0 / 70		
pH / Fluid Loss	9.1 / 11.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	2.10 @ 83		
Rmt @ Meas. Temp	1.68 @ 83		
Rmc @ Meas. Temp	2.52 @ 83		
Source of Rmf / Rmc	CAL		
Rm @ BHT	1.61 @ 108		
Time Circulation Stopped	3:45 PM		
Time Logger on Bottom	6:15 PM		
Maximum Recorded Temperature	108		
Equipment Number	OW2		
Location	HOMINY, OK		
Recorded By	LOWERY	MR. KIDD	
Witnessed By	MR. MACKAY		

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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

OW2-8875

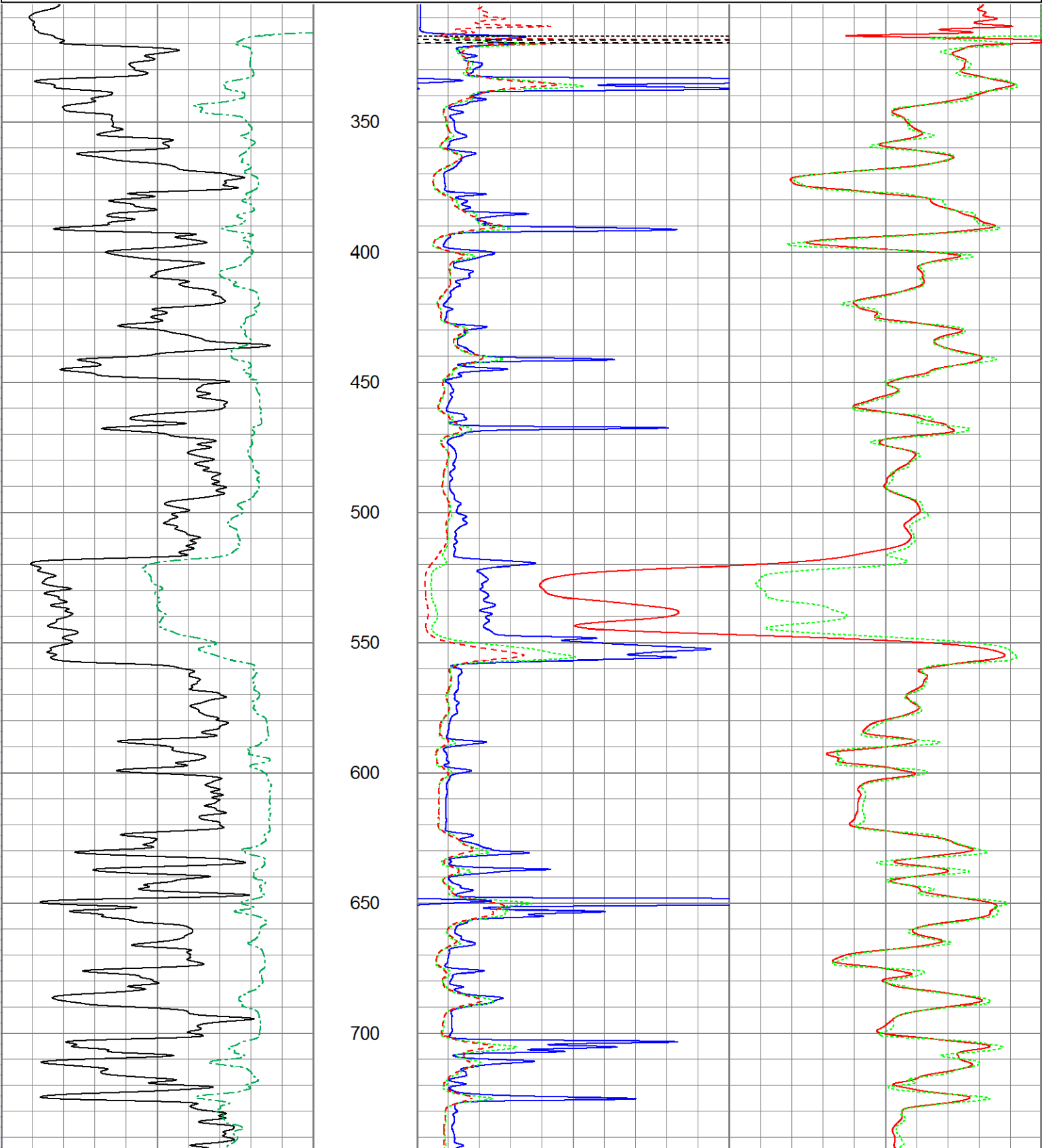
CREW : M. KIDD, LUNN

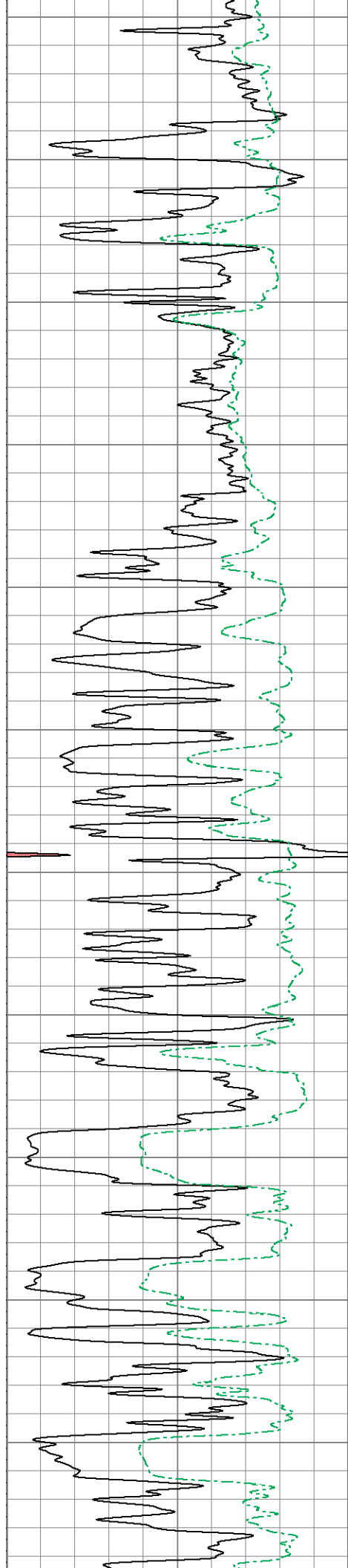


2" DIL SECTION

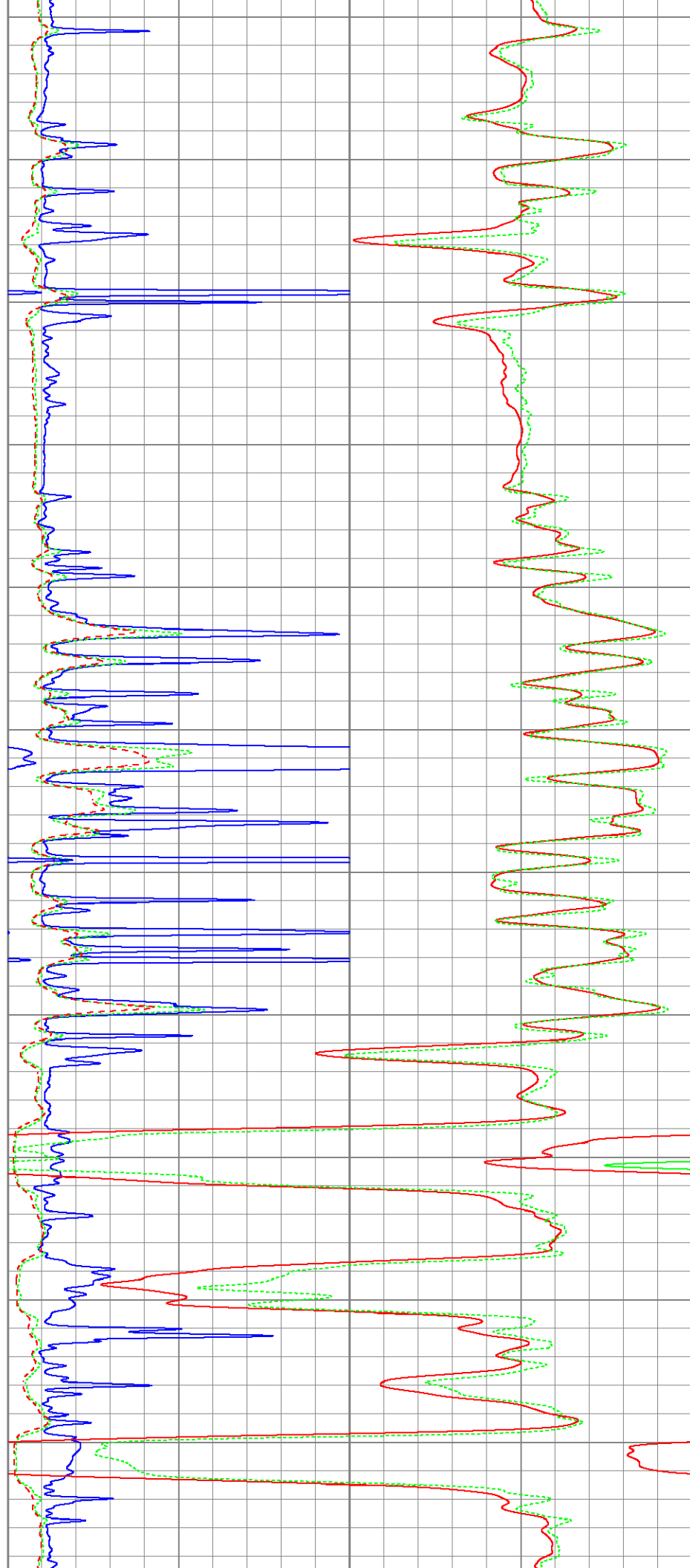
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Dataset Pathname	LDTM/merge1.4
Presentation Format	dil2mdcol
Dataset Creation	Sat Oct 24 20:35:04 2015
Charted by	Depth in Feet scaled 1:600

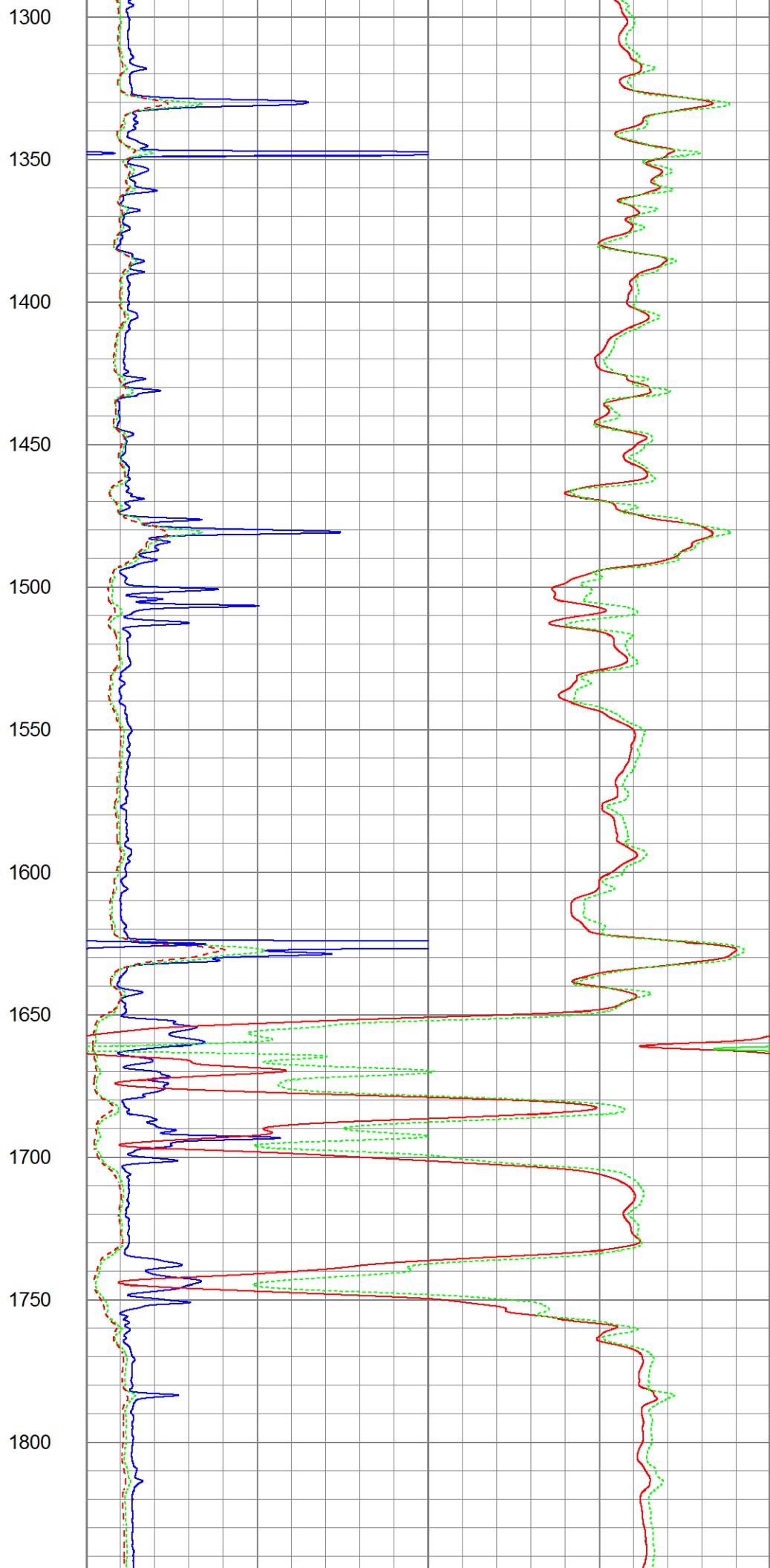
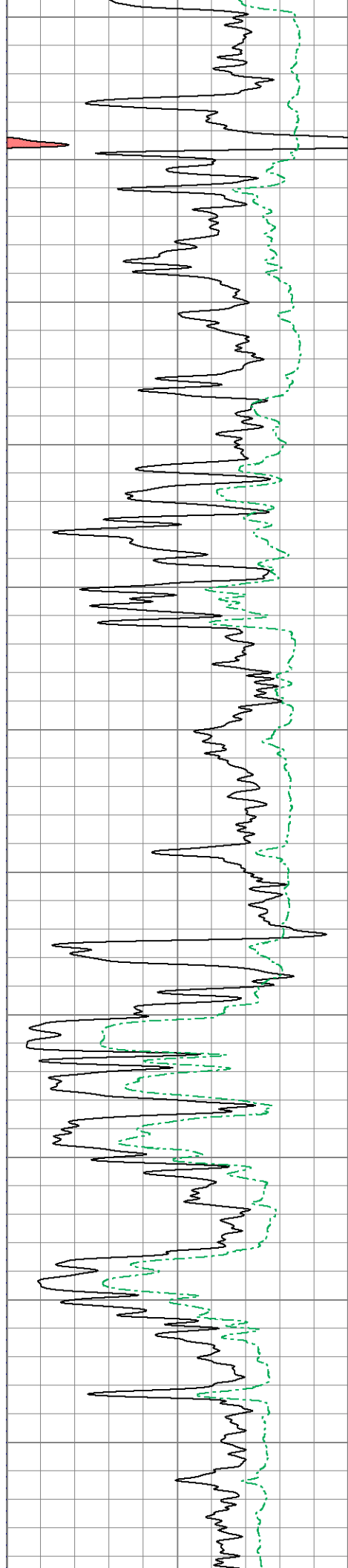
0	GR (GAPI)	150	1000	CILD (mmho/m)	0
-20	SP (mV)	200	1000	CILM (mmho/m)	0
			0	RLL3 (Ohm-m)	50
			0	RILM (Ohm-m)	50
			0	RILD (Ohm-m)	50

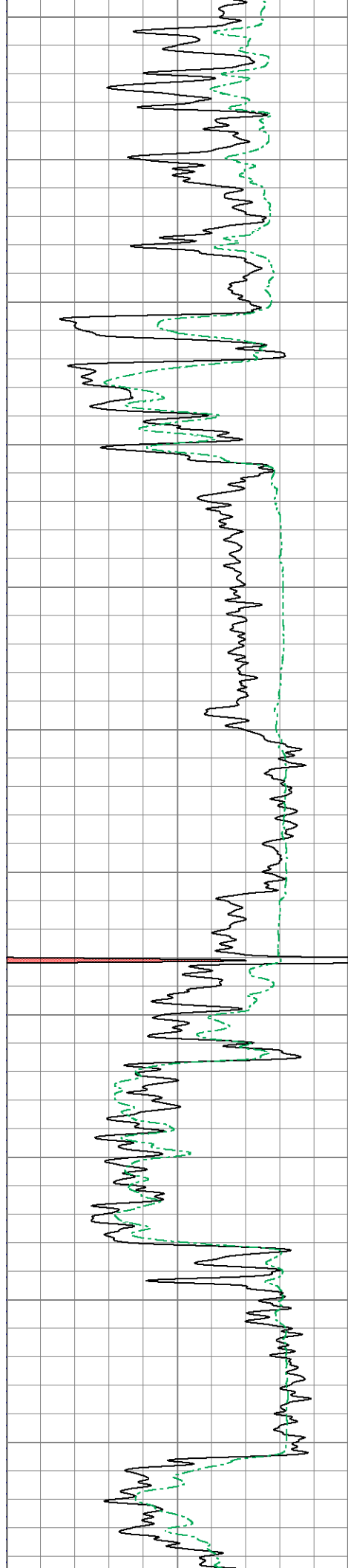




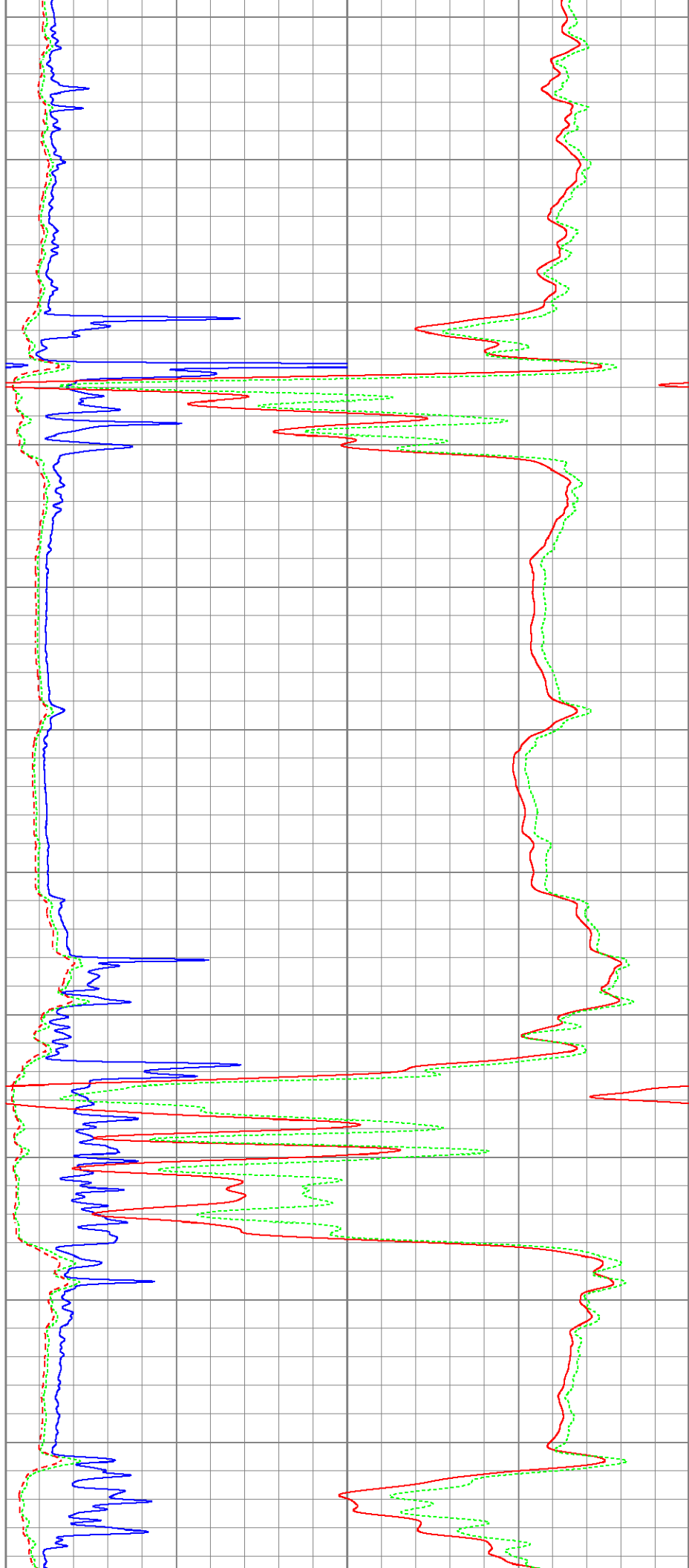
750
800
850
900
950
1000
1050
1100
1150
1200
1250

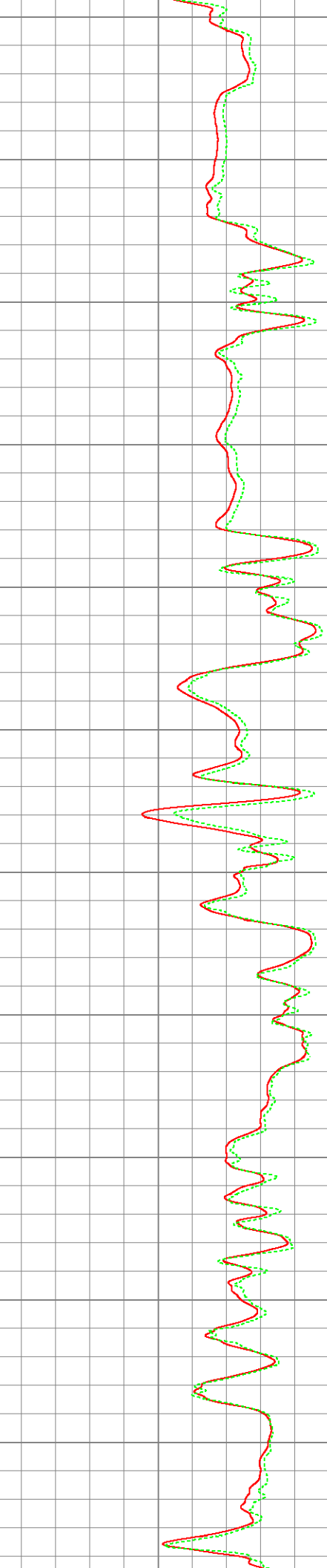
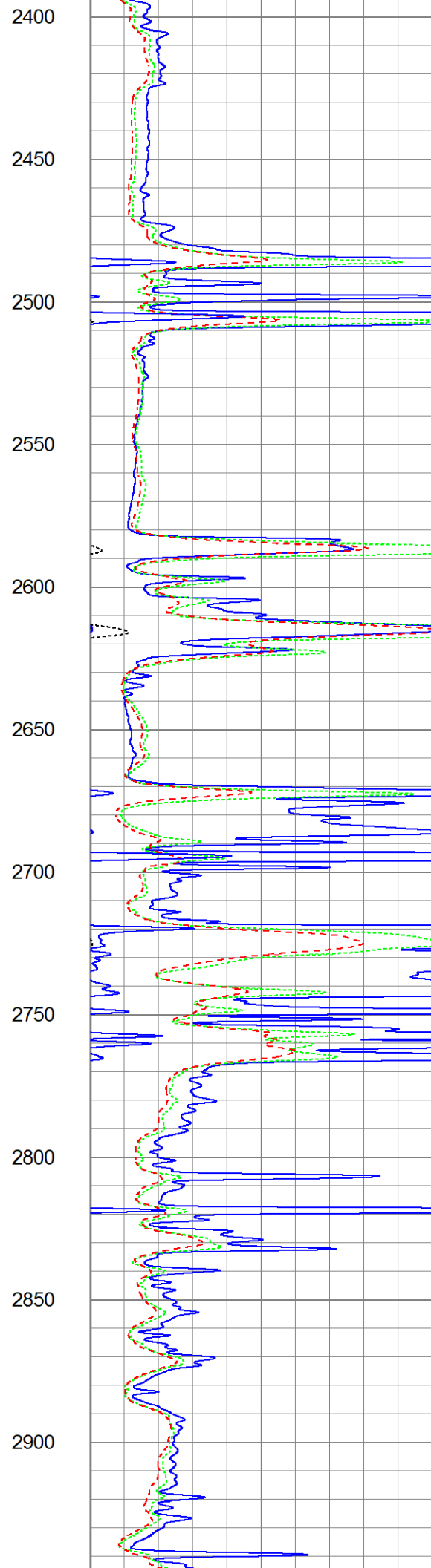
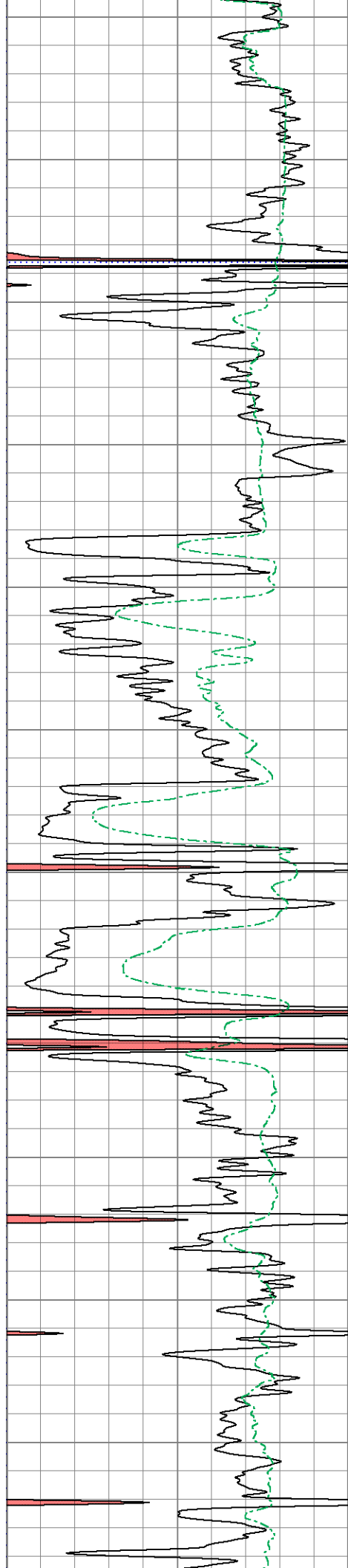


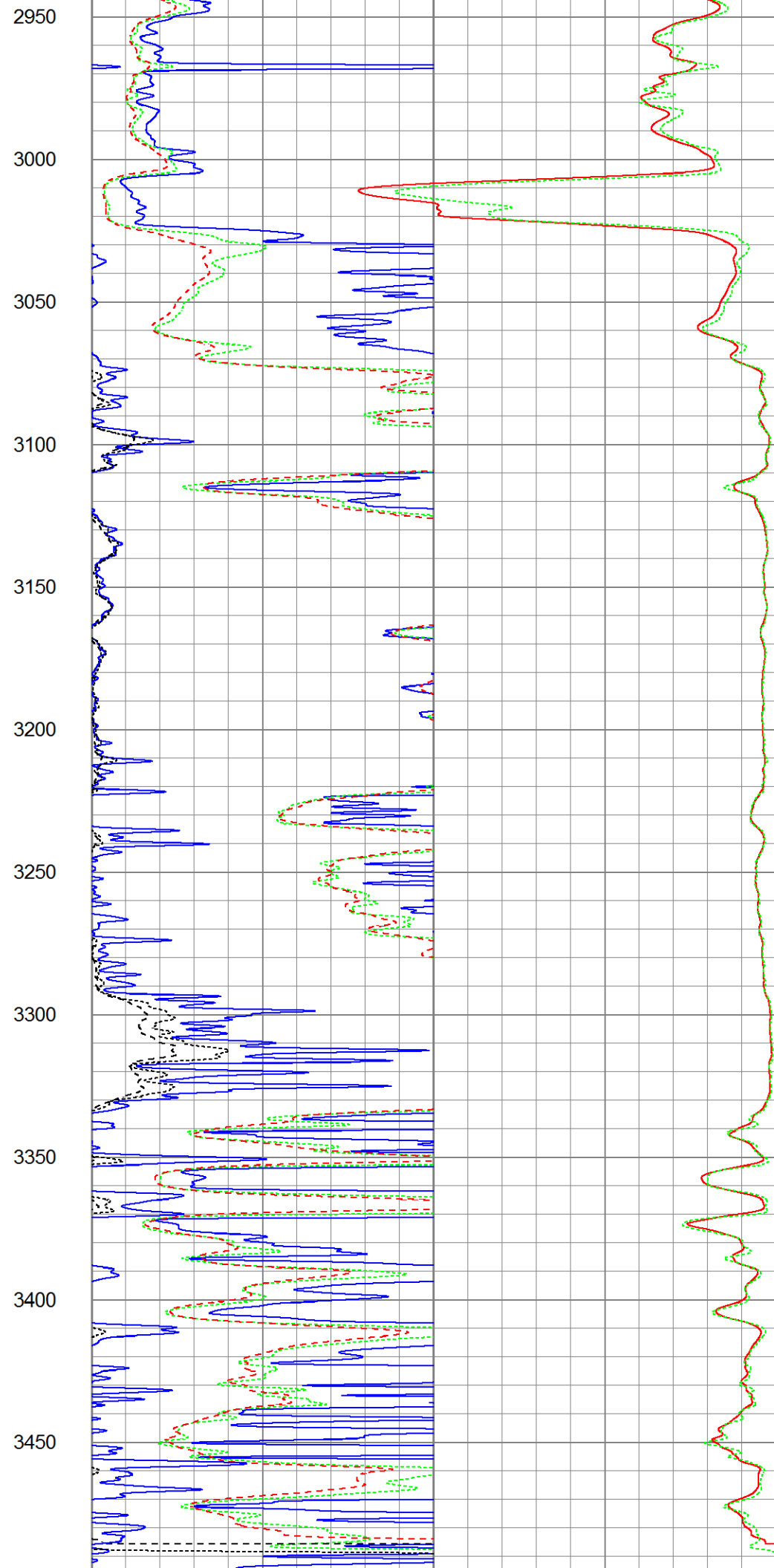
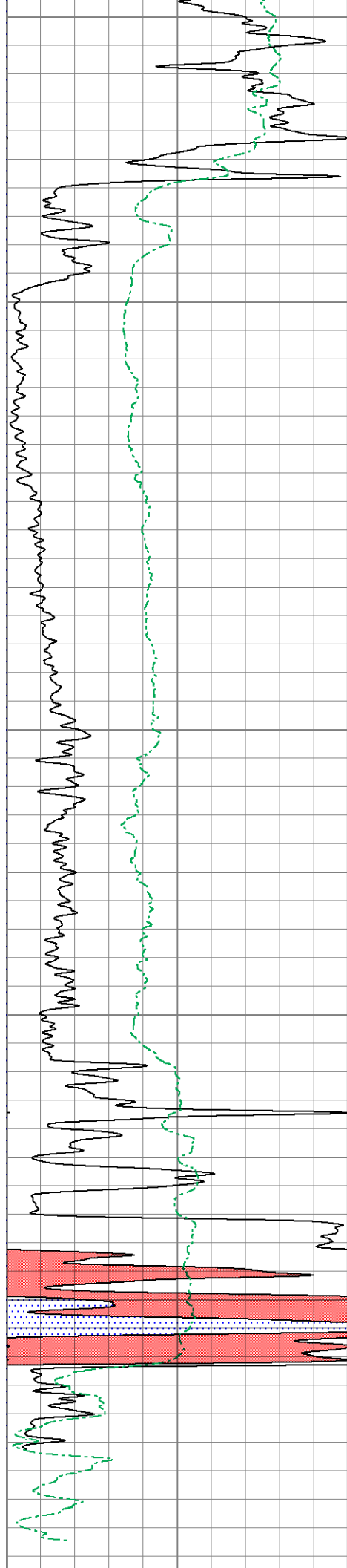




1850
1900
1950
2000
2050
2100
2150
2200
2250
2300
2350







0	GR (GAPI)	150
-20	SP (mV)	200

1000	CILD (mmho/m)	0
1000	CILM (mmho/m)	0
0	RLL3 (Ohm-m)	50
0	RILM (Ohm-m)	50
0	RILD (Ohm-m)	50

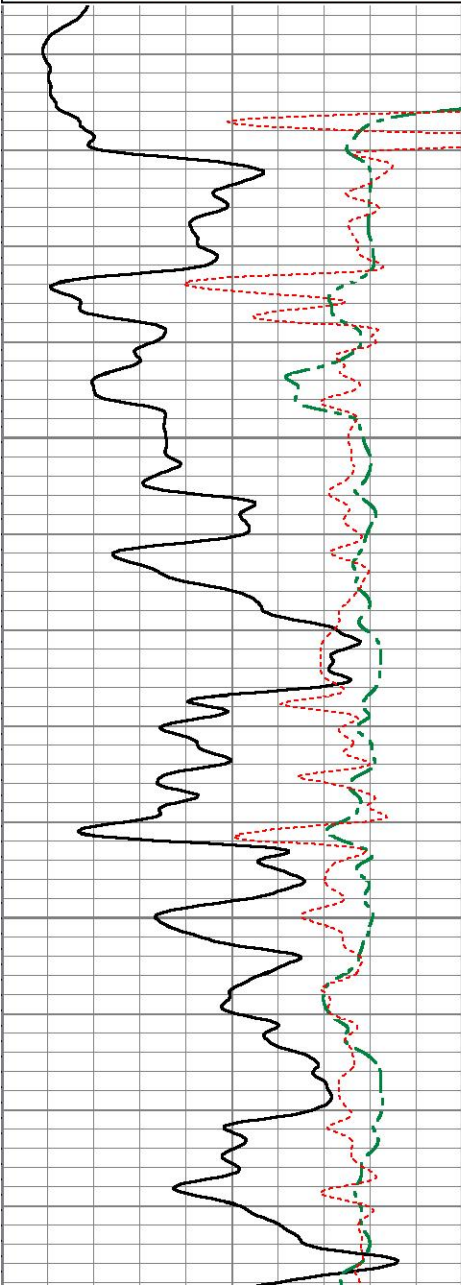


5" DIL SECTION

Database File ow2-8875 lawco holdings.db
Dataset Pathname LDTM/merge1.3
Presentation Format dil5mdcol
Dataset Creation Sat Oct 24 20:34:53 2015
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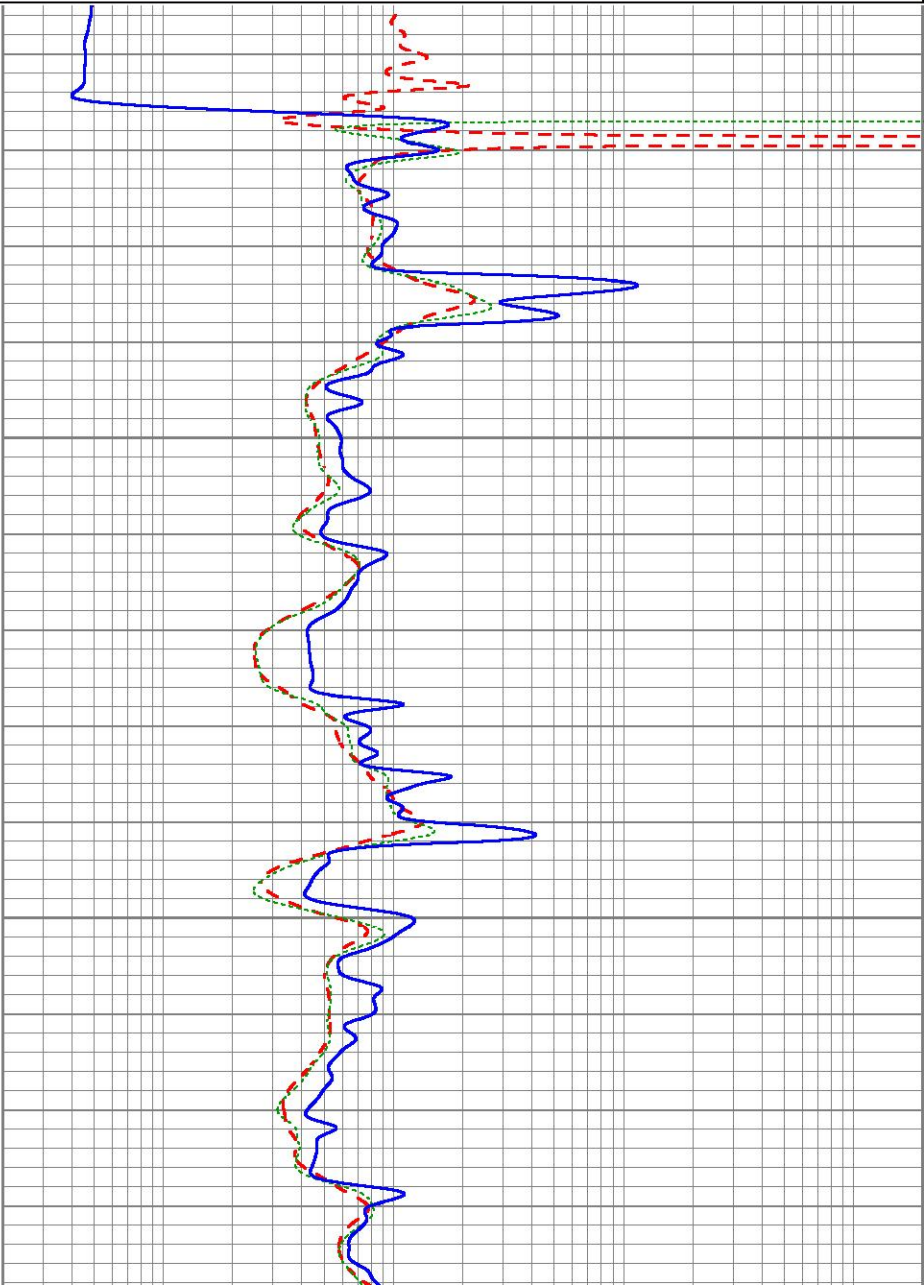
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-20	SP (mV)	200
-160	RxoIRt	40

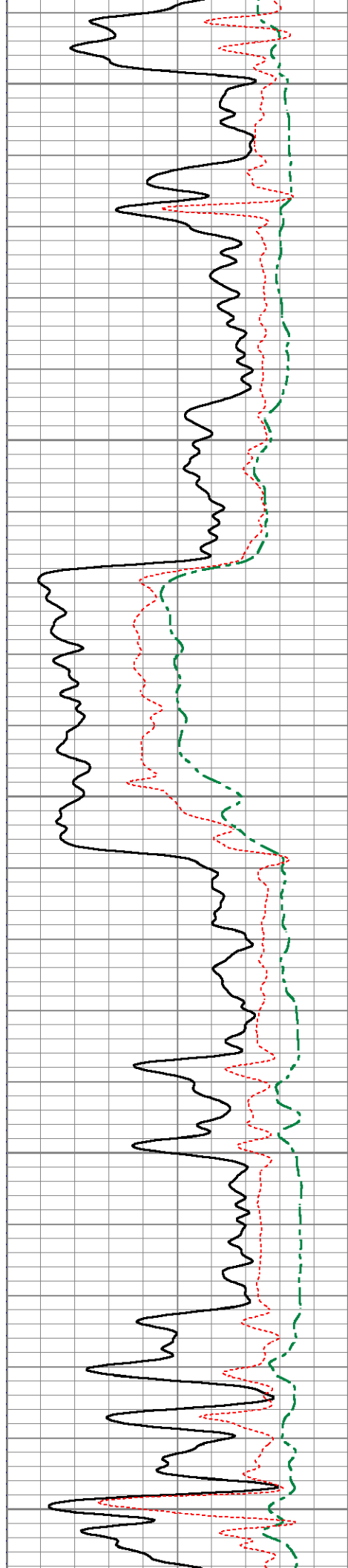
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000



350

400





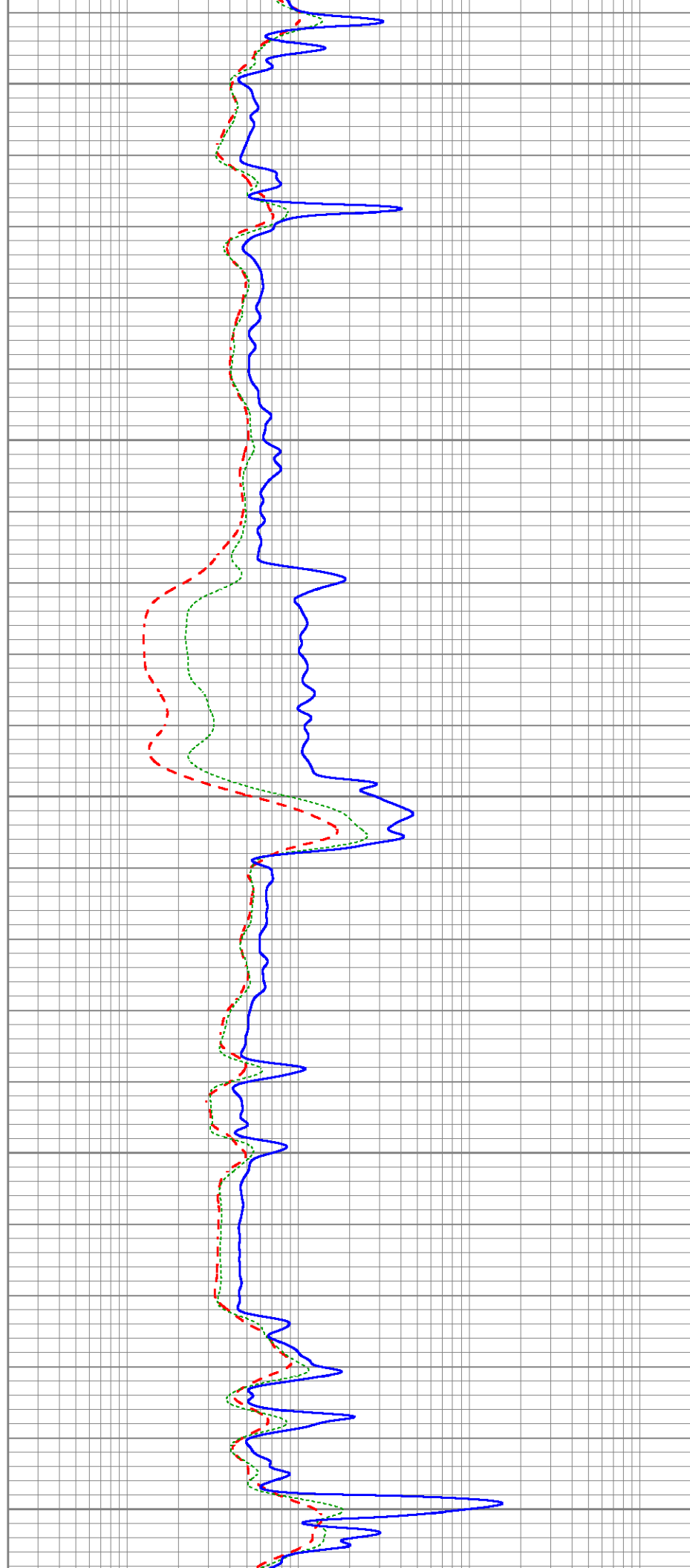
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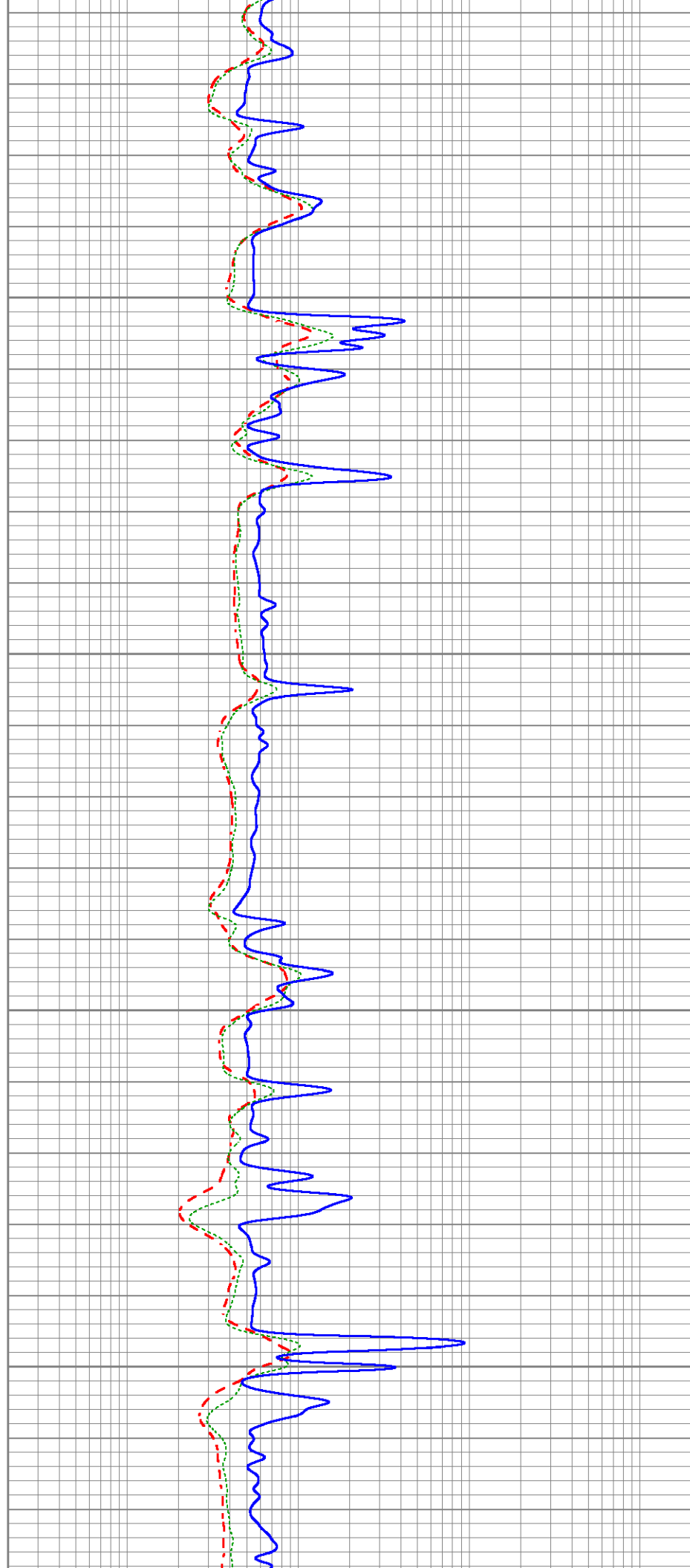
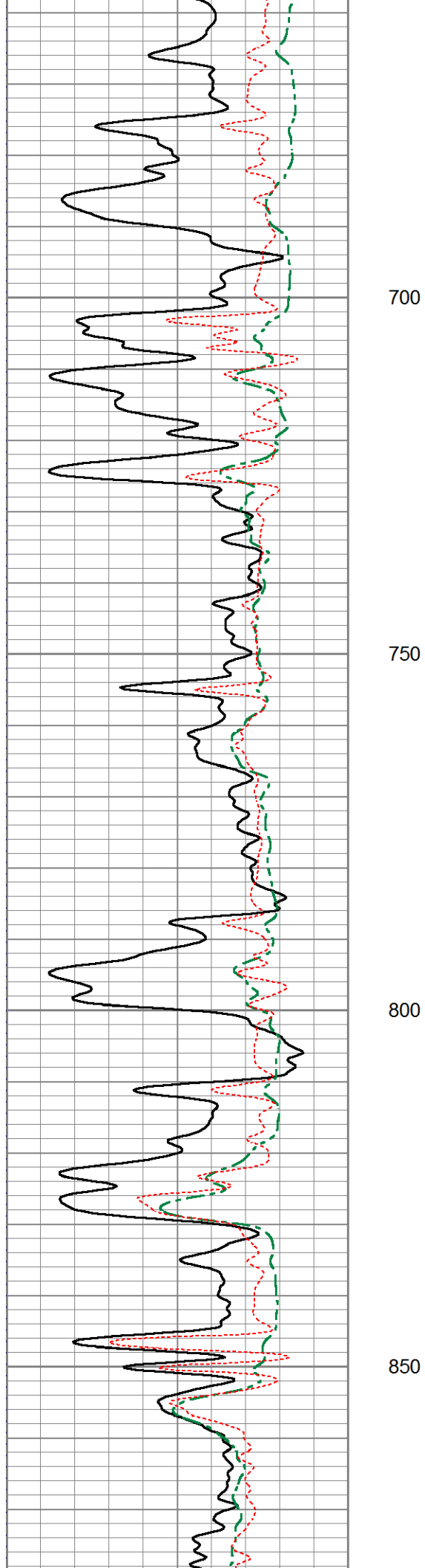
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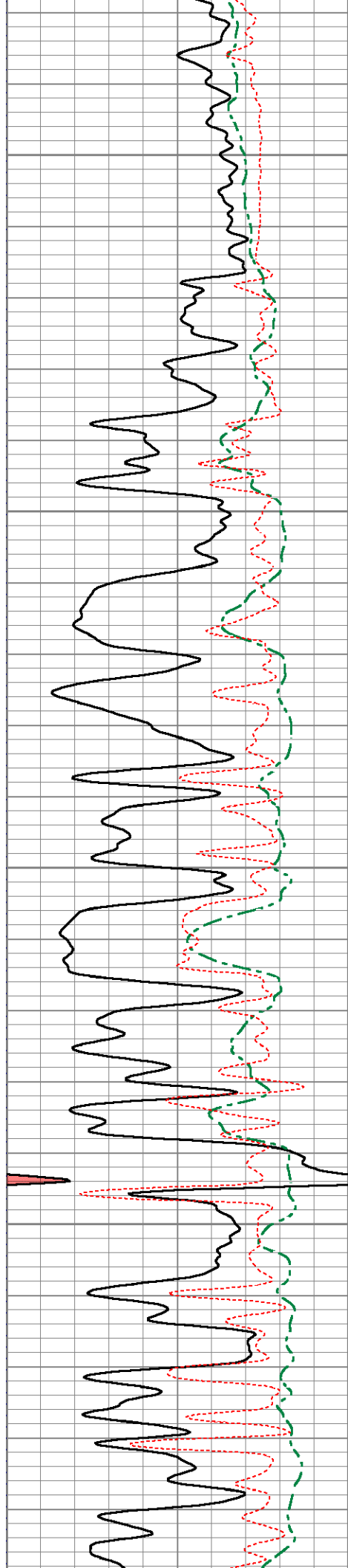
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600

650





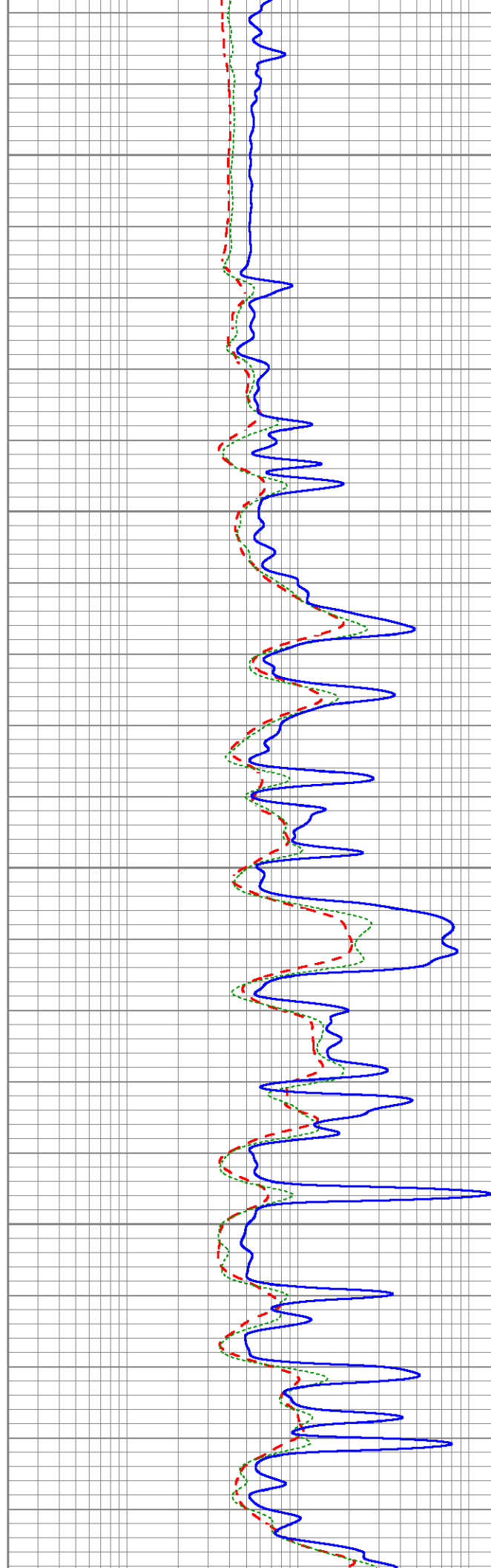


900

950

1000

1050



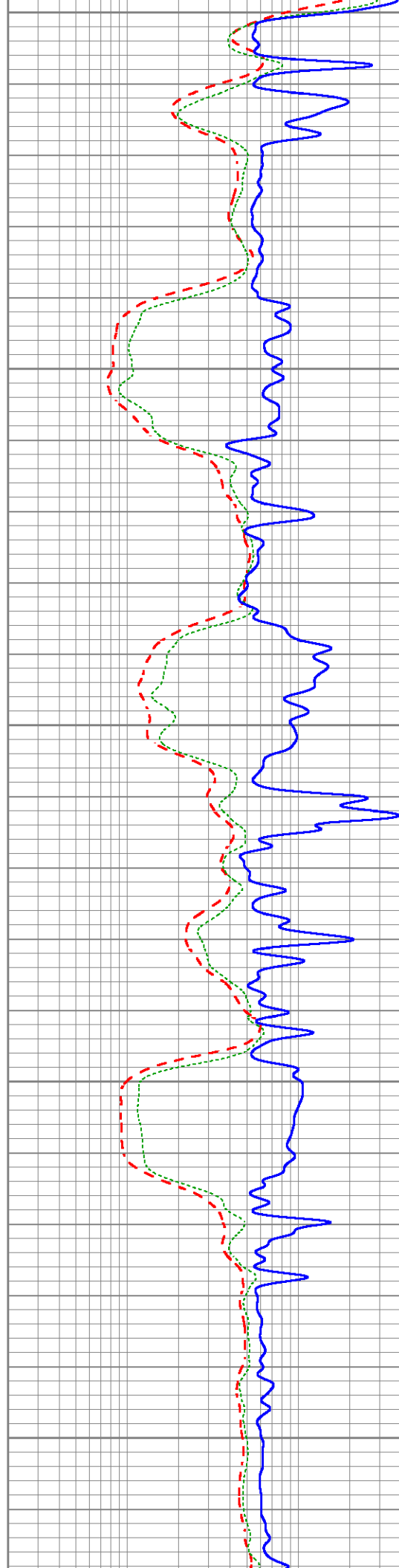
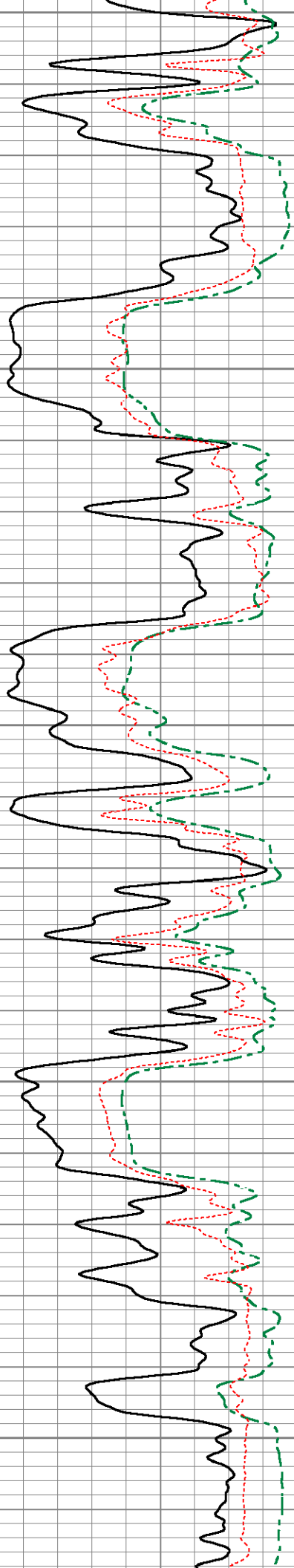
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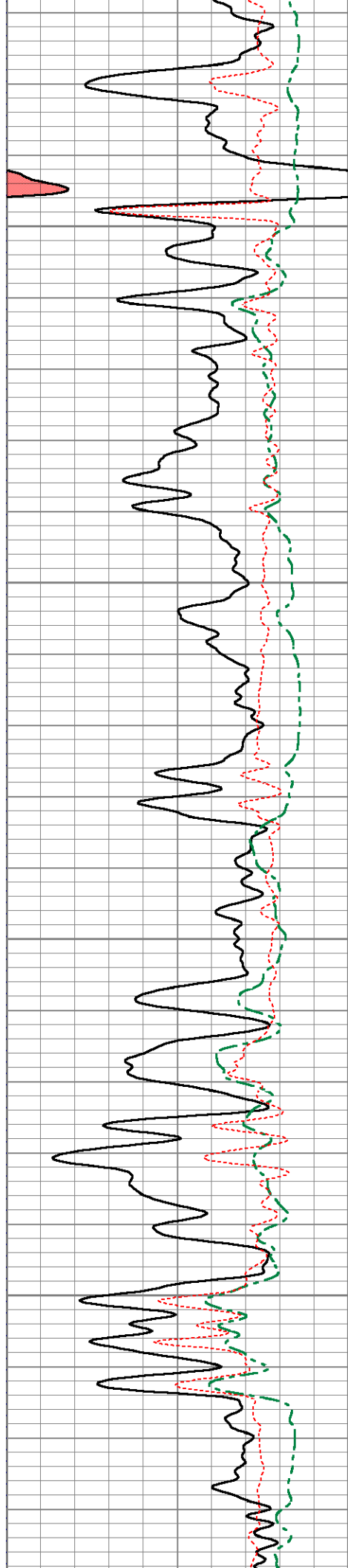
1150

1200

1250

1300



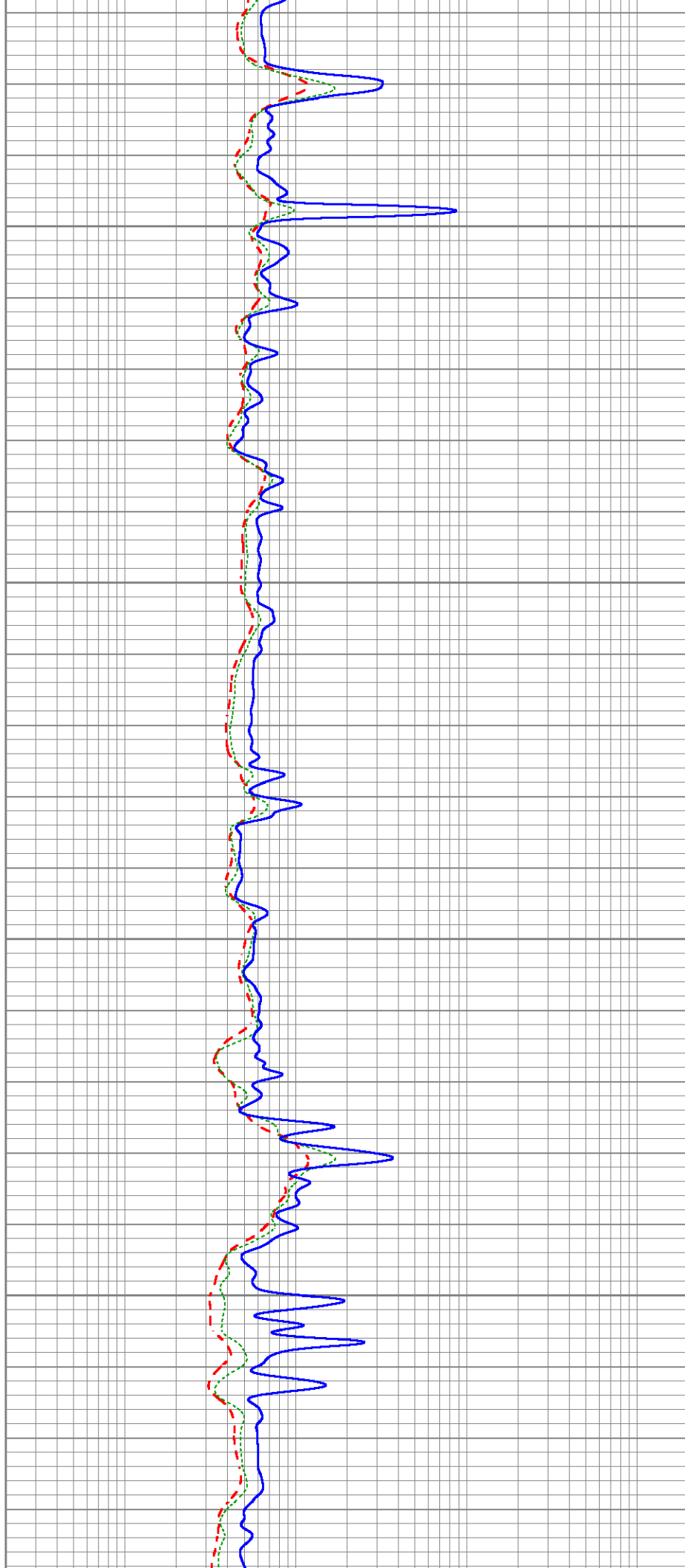


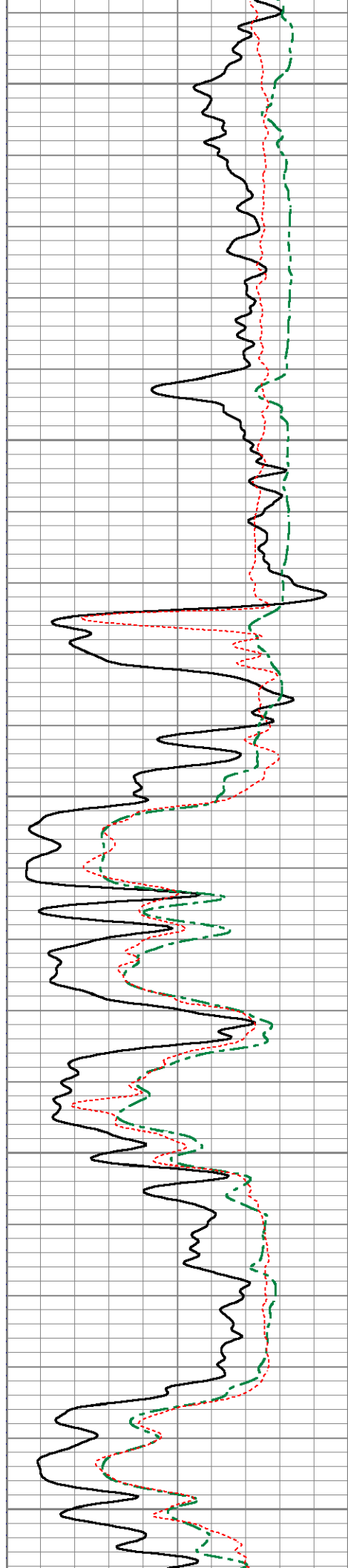
1350

1400

1450

1500





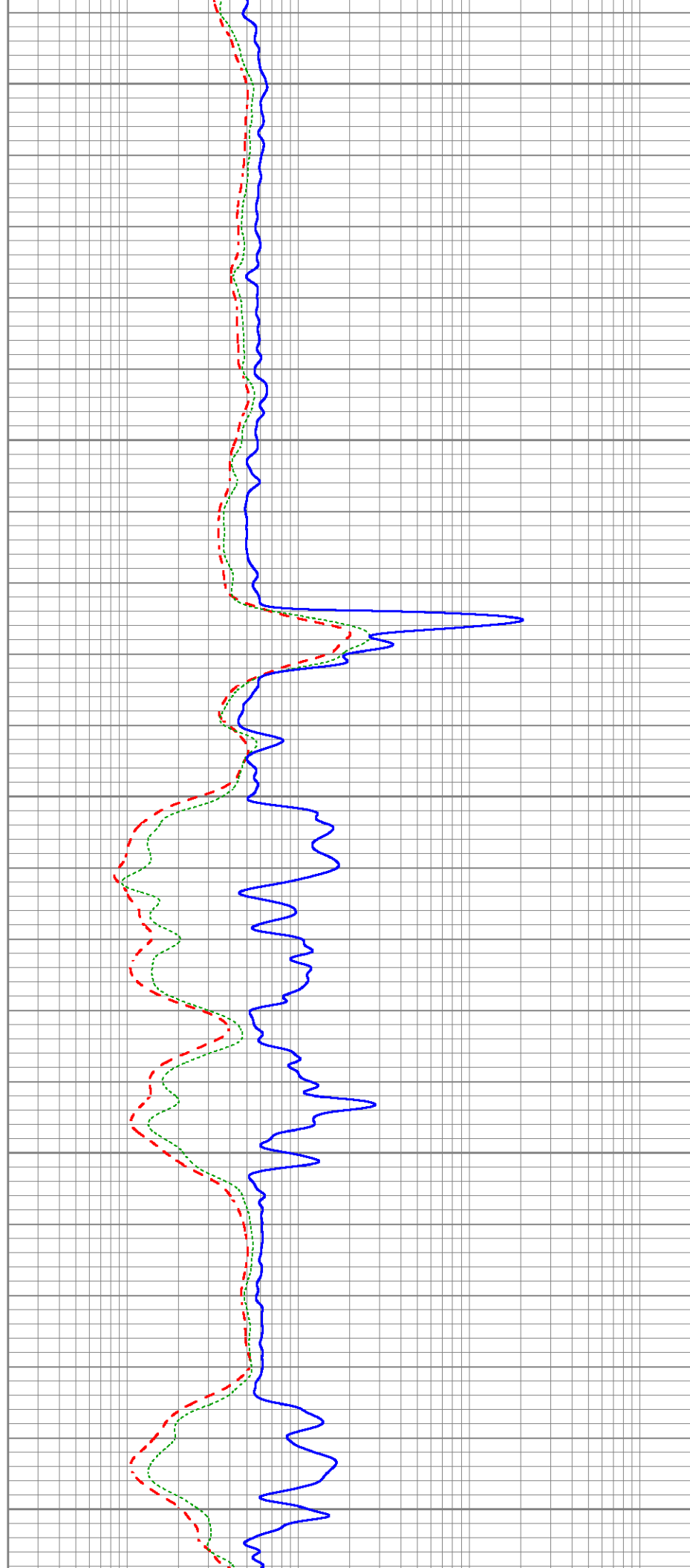
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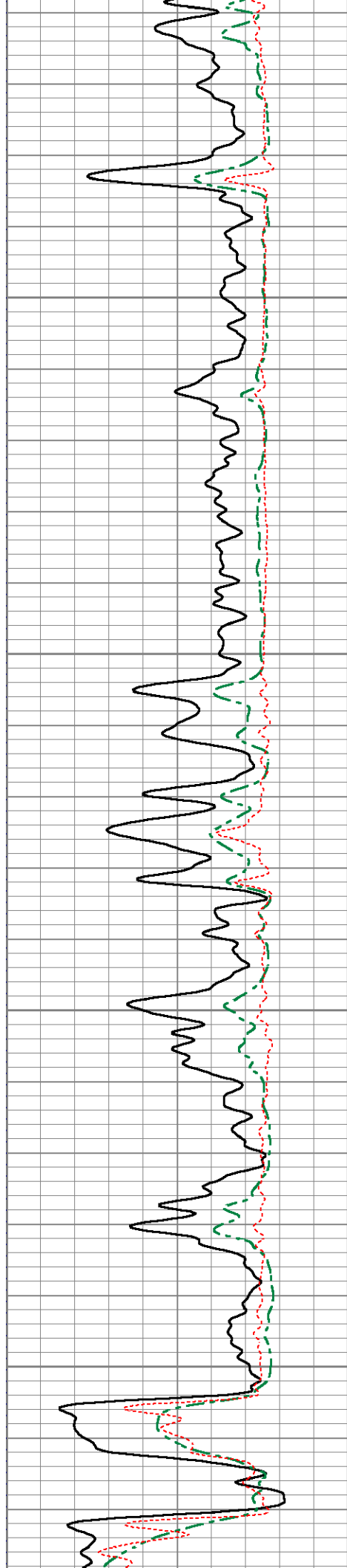
1600

1650

1700

1750



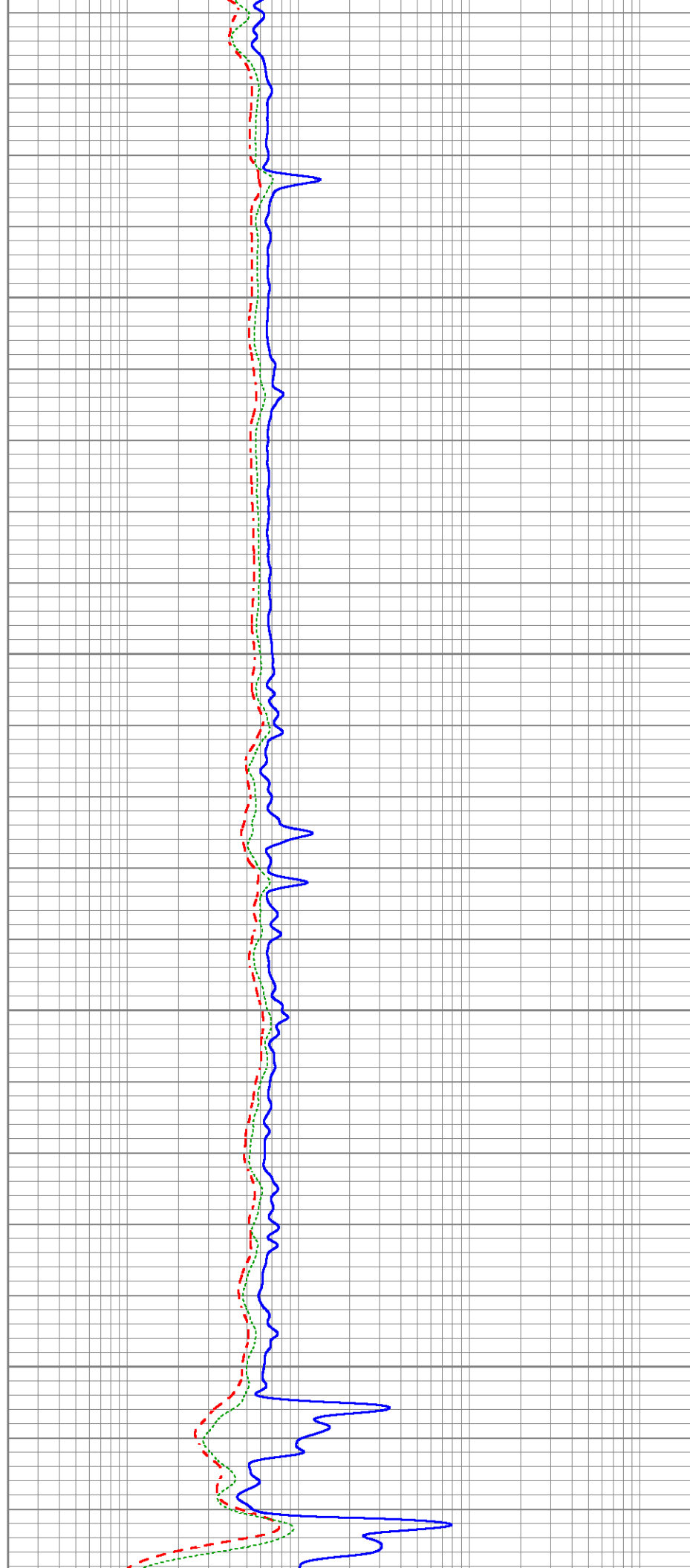


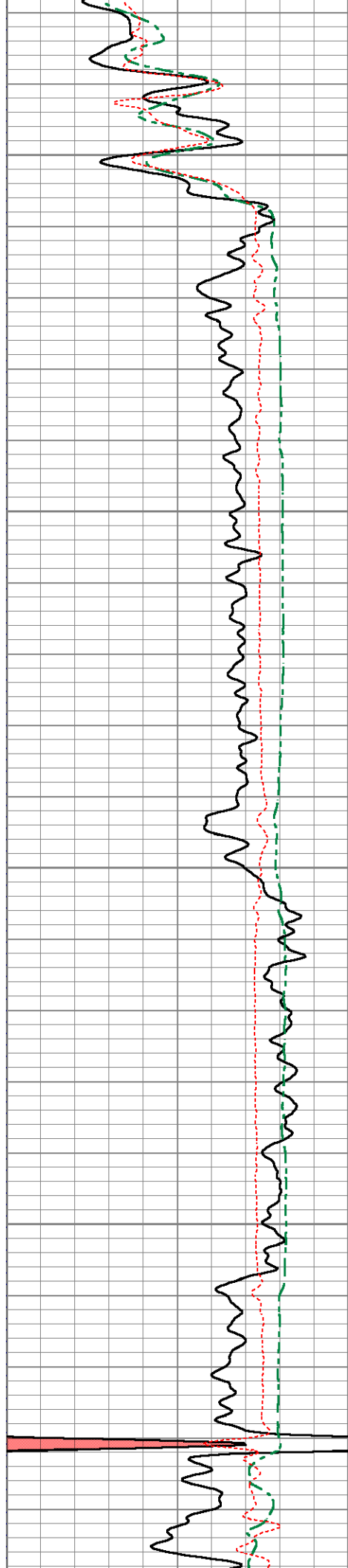
1800

1850

1900

1950



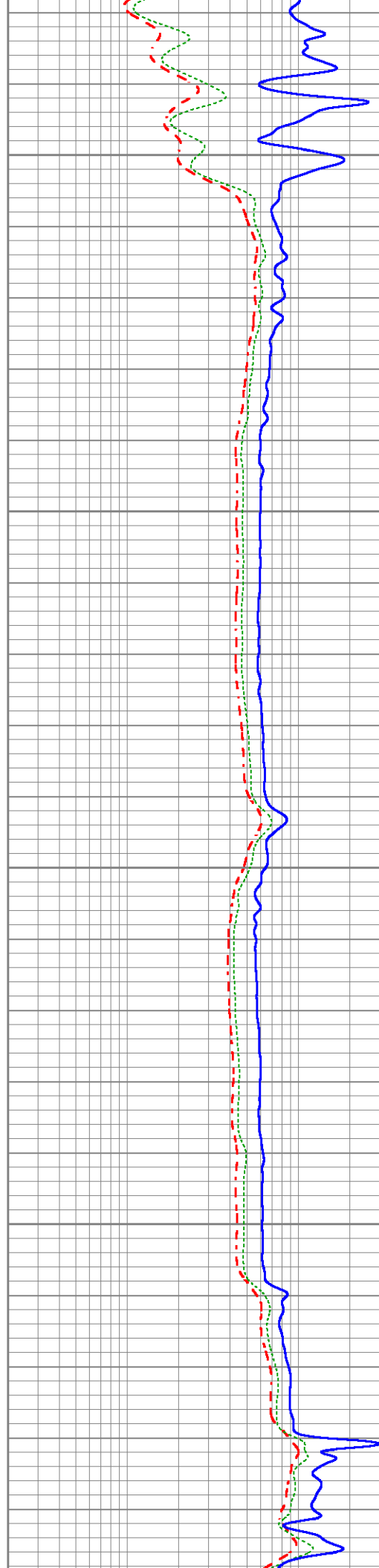


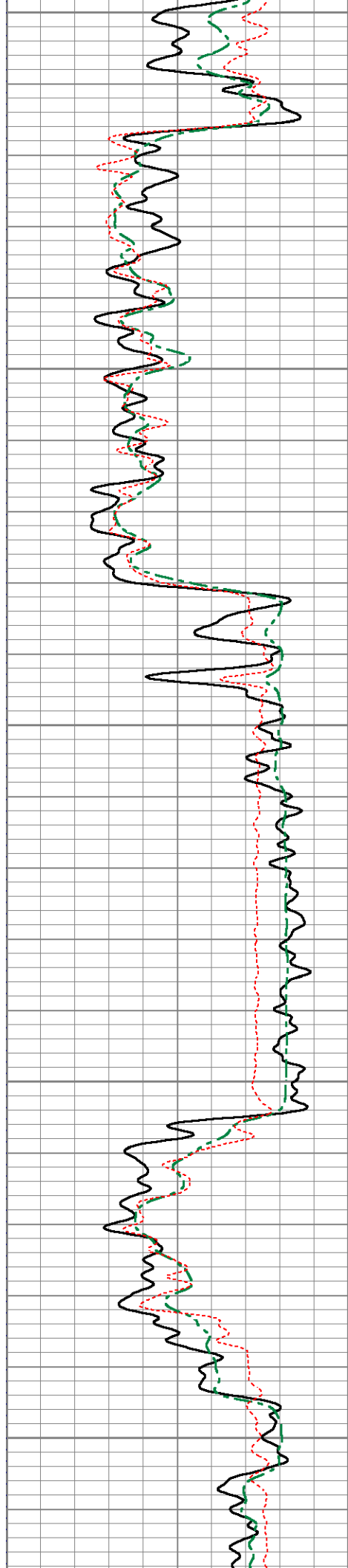
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2050

2100

2150





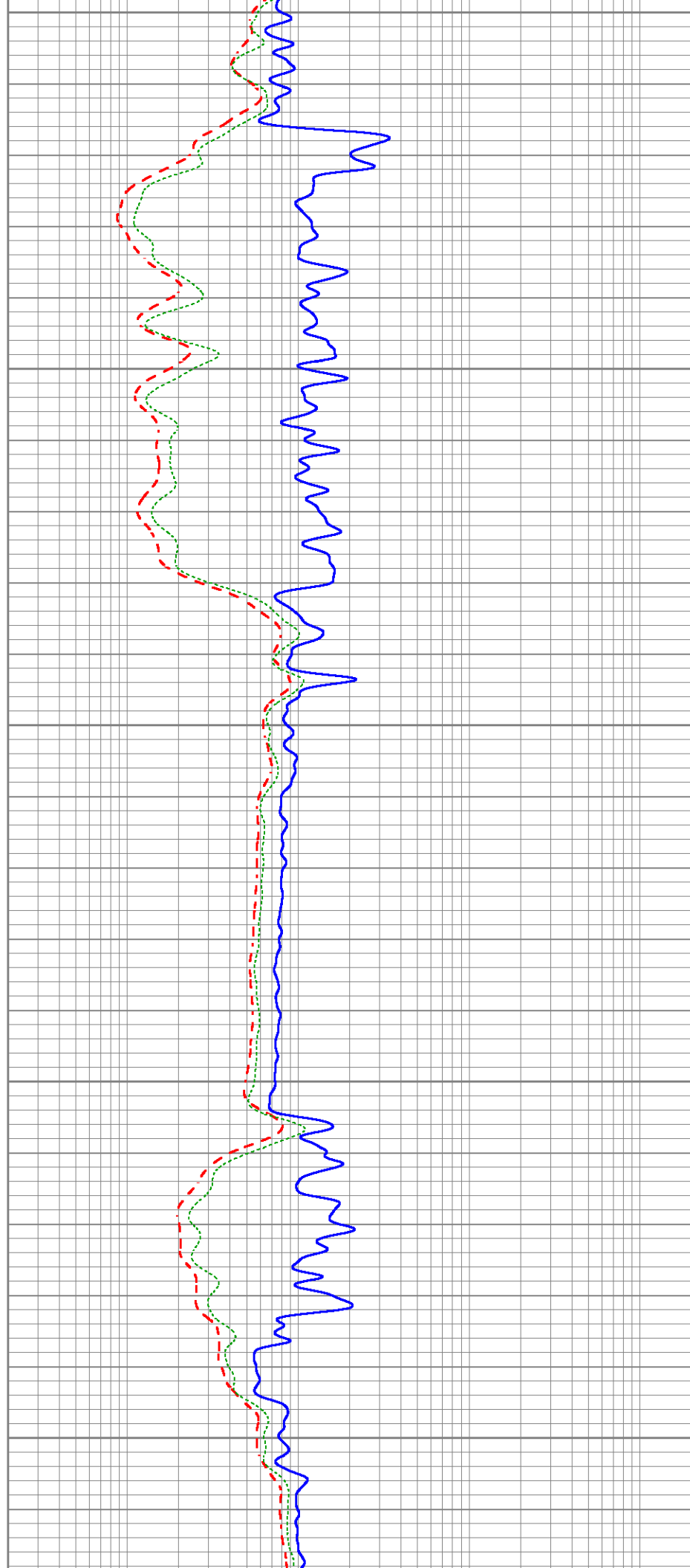
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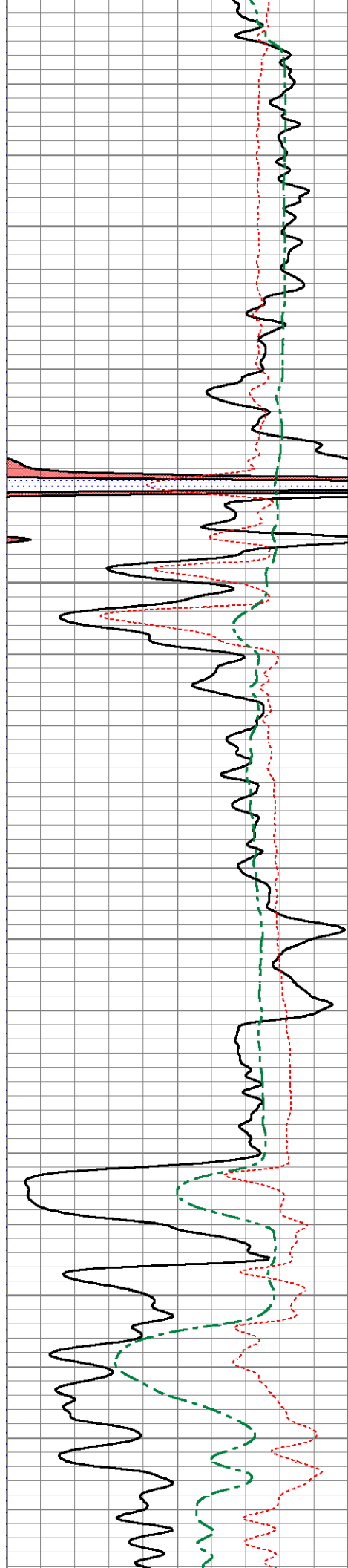
2250

2300

2350

2400



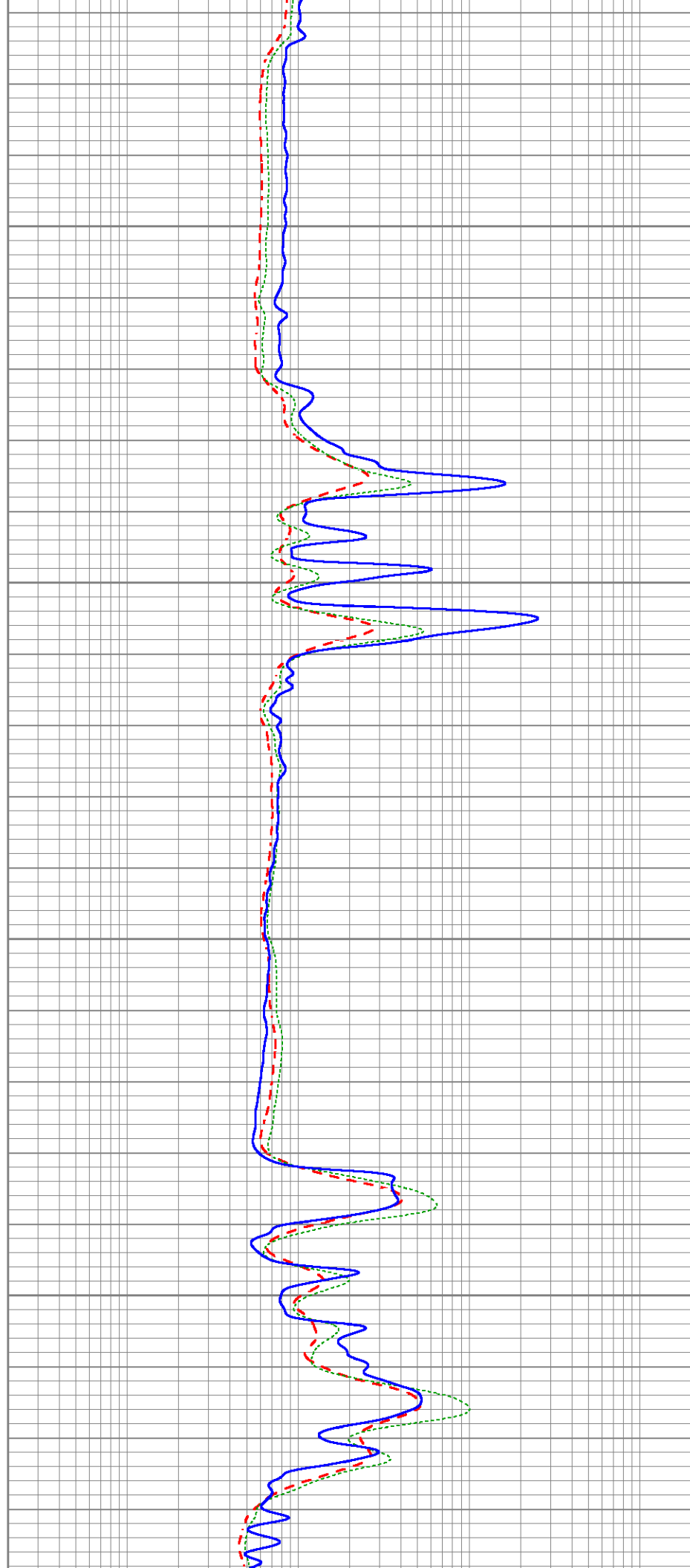


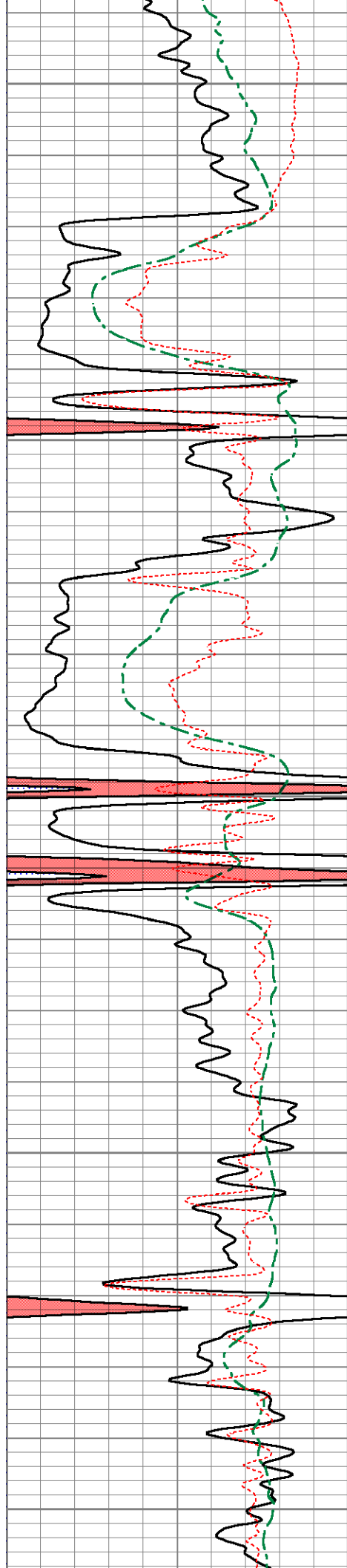
2450

2500

2550

2600





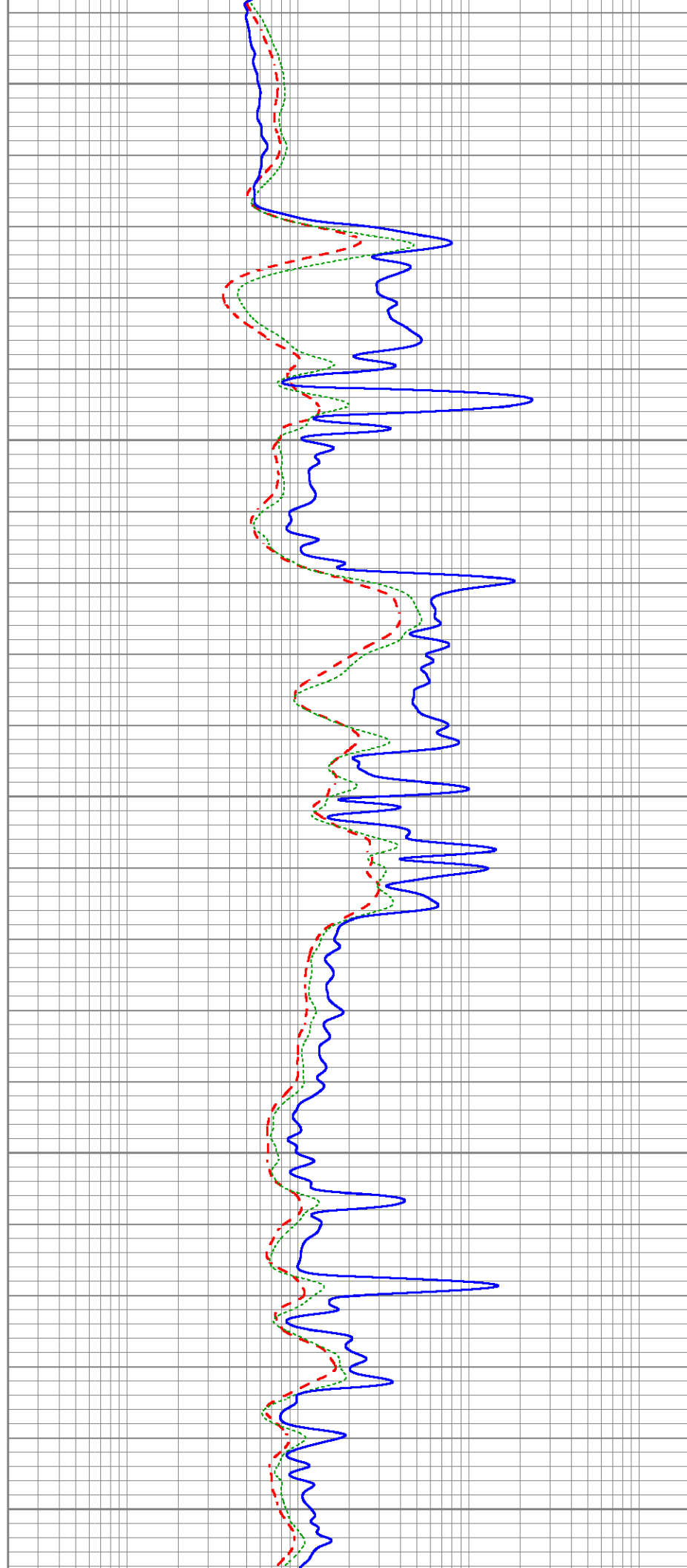
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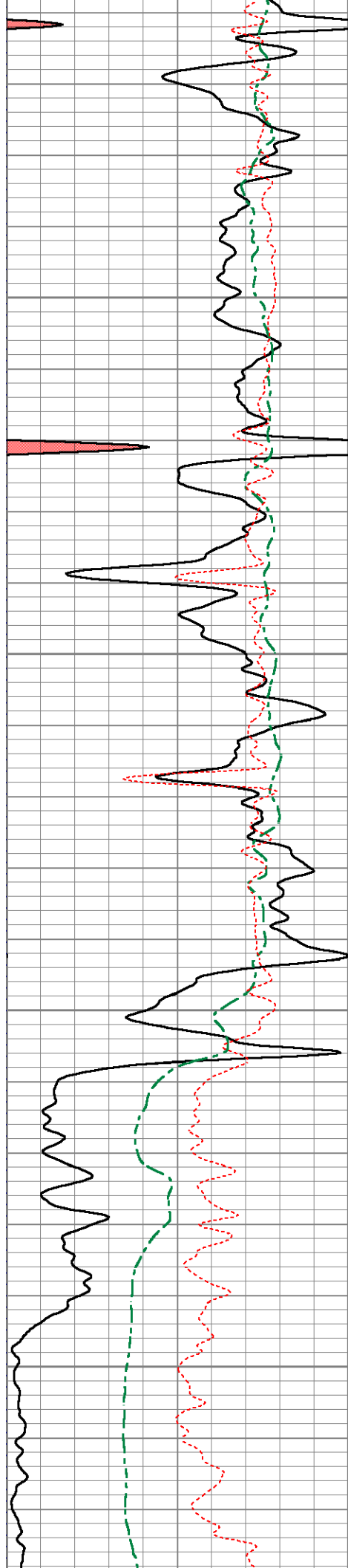
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2750

2800

2850



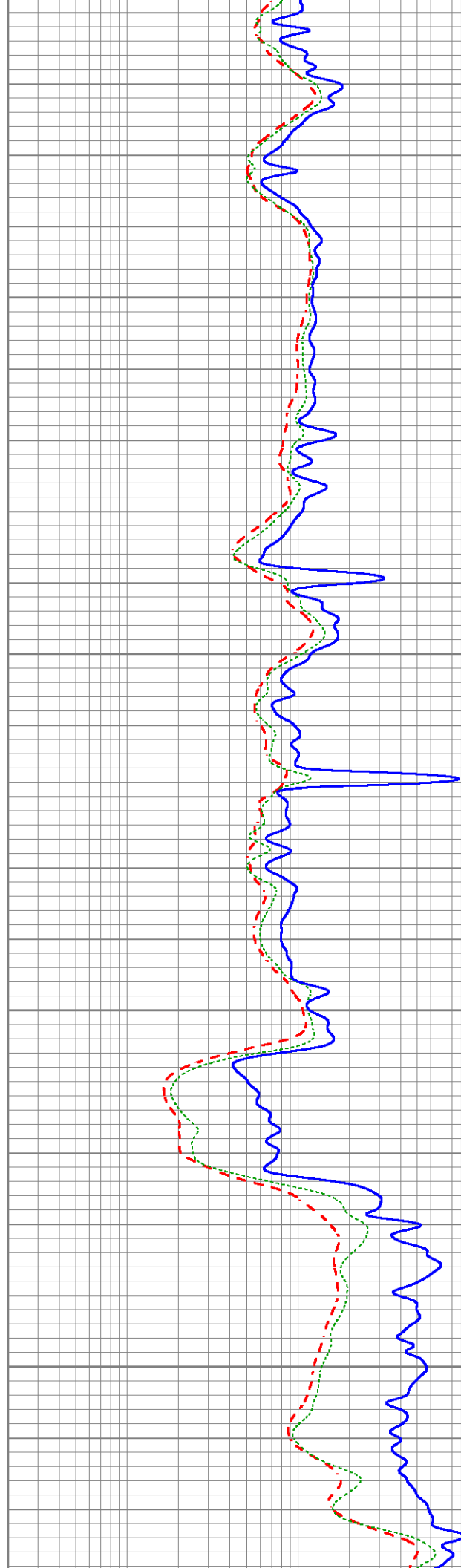


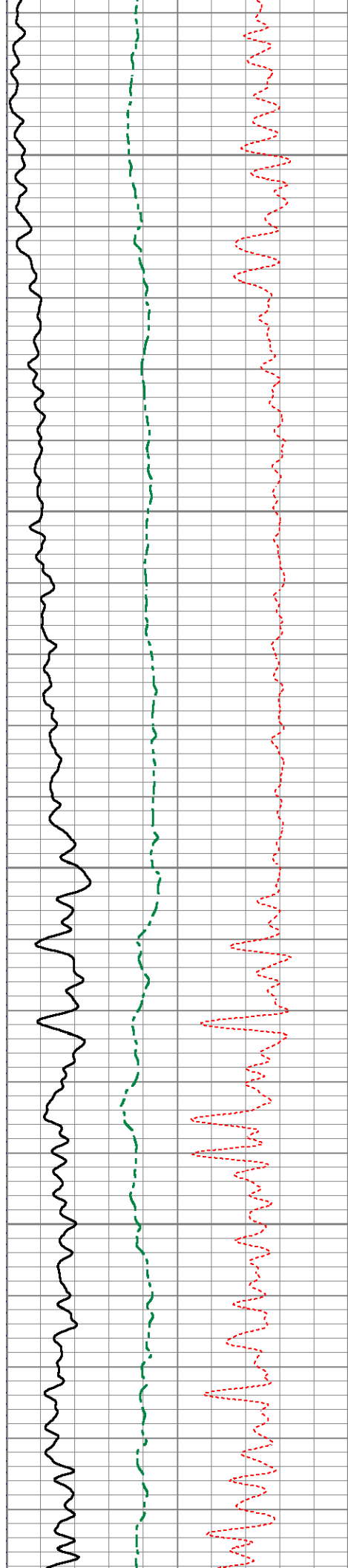
2900

2950

3000

3050



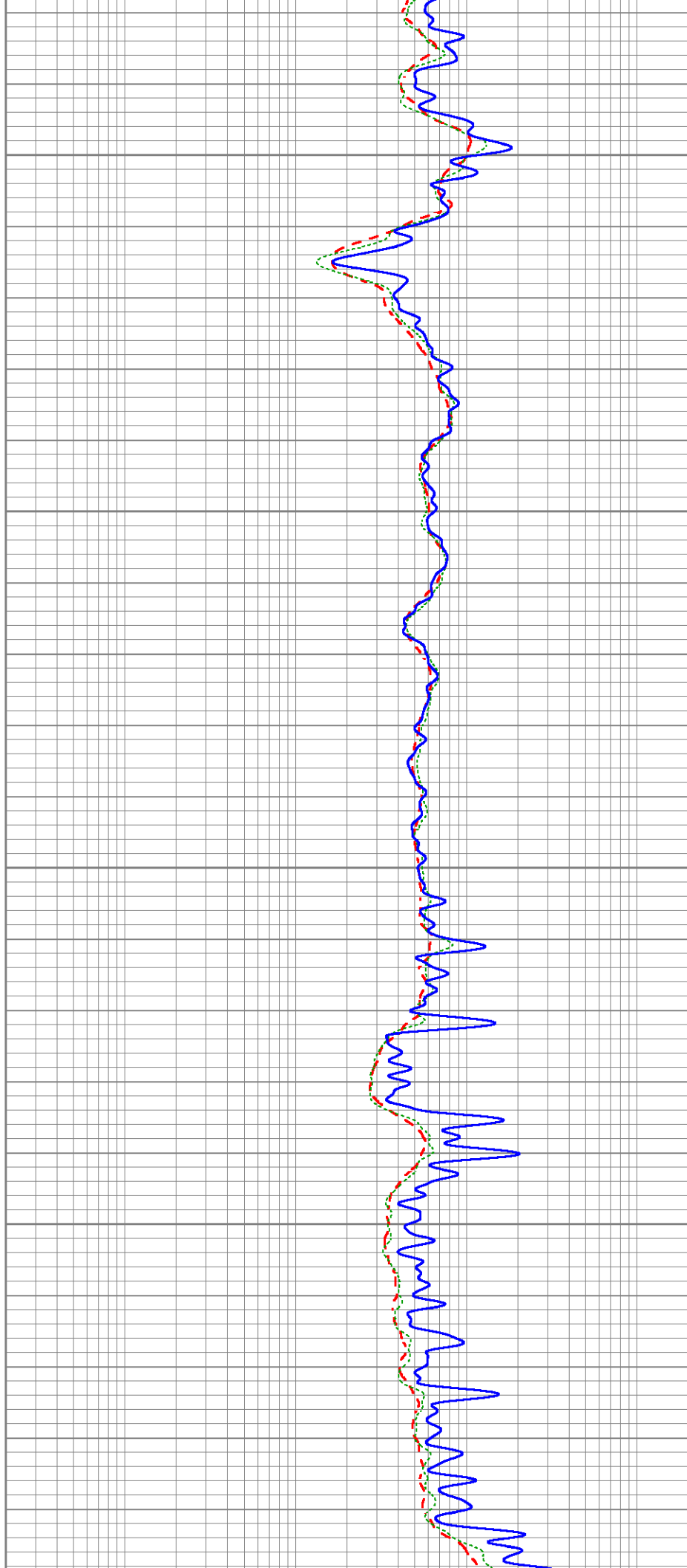


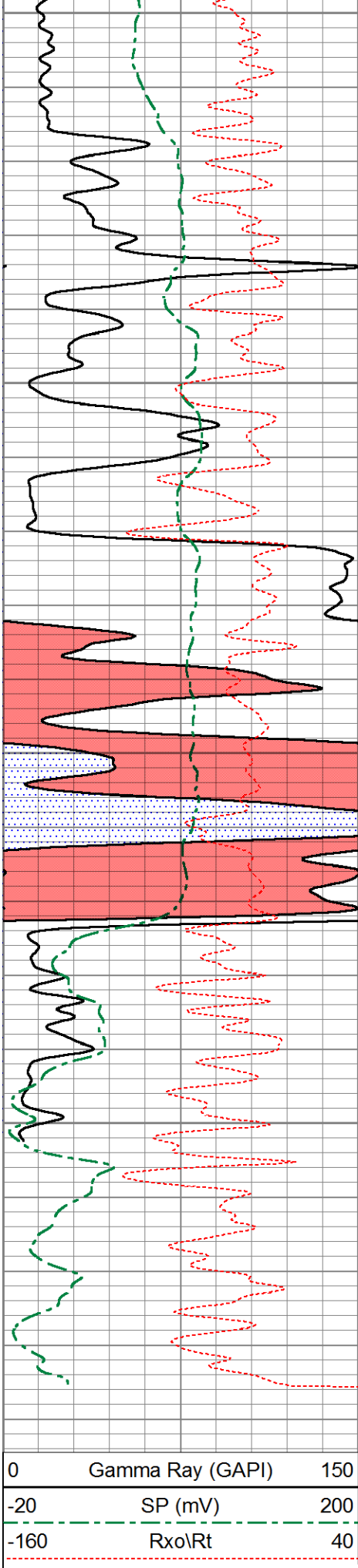
3100

3150

3200

3250



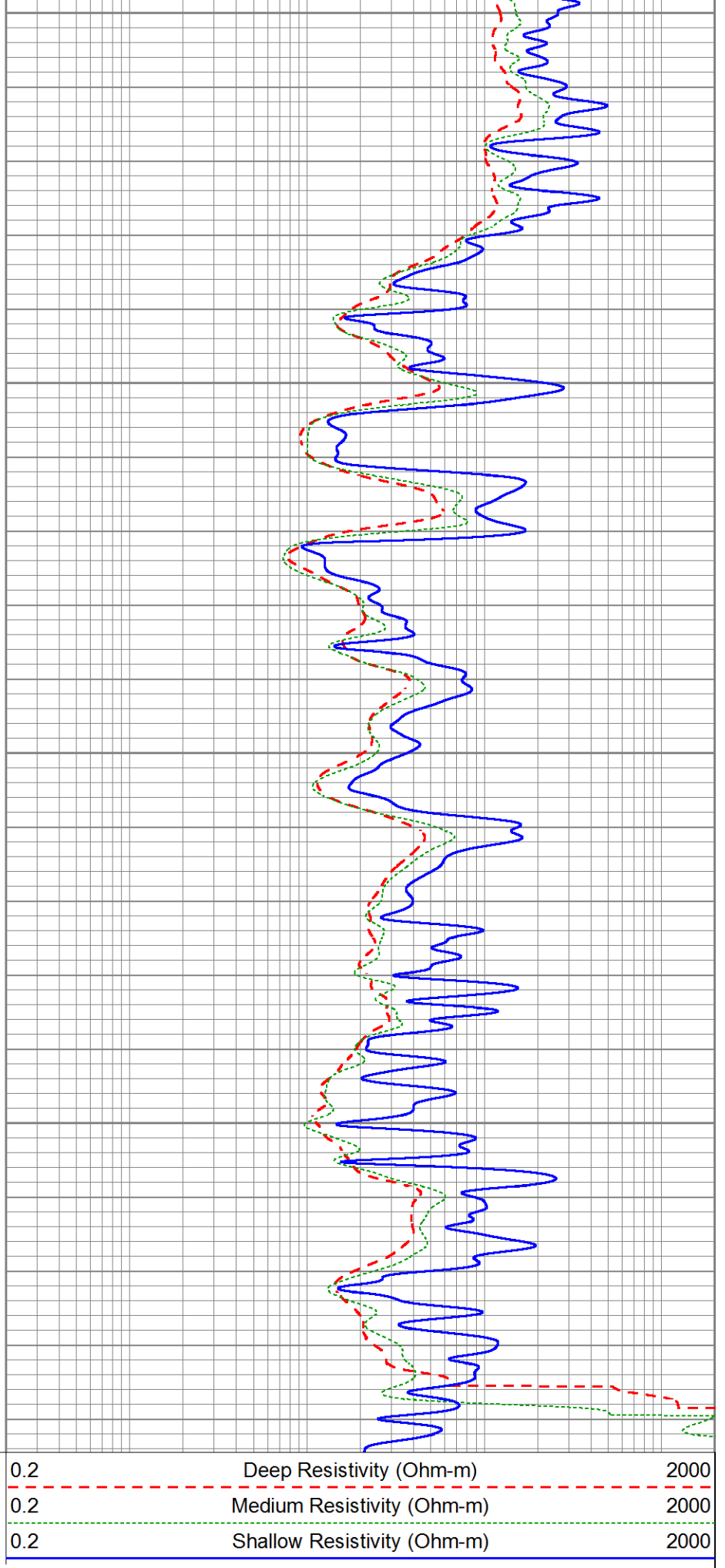


3300

3350

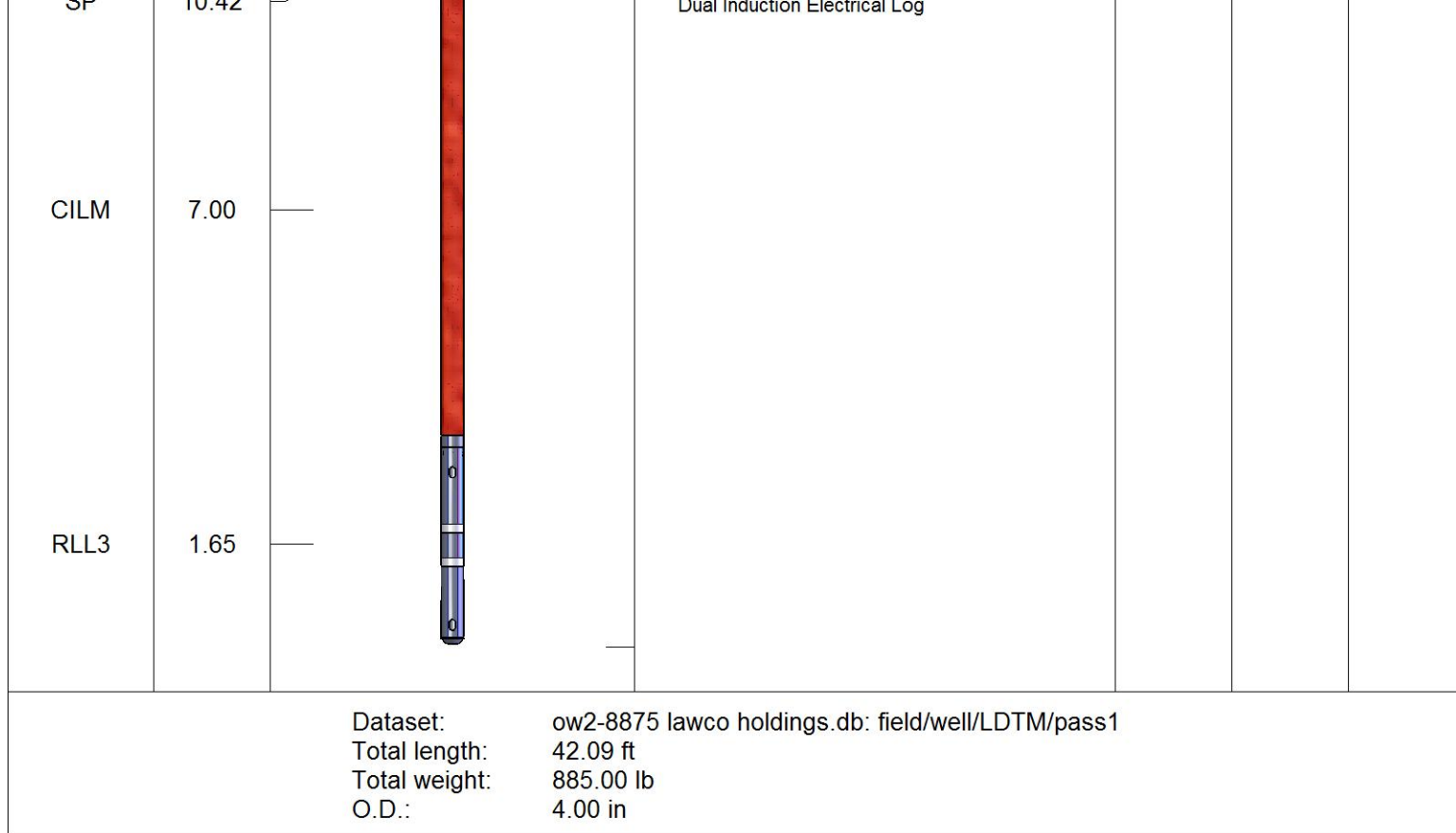
3400

3450



Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
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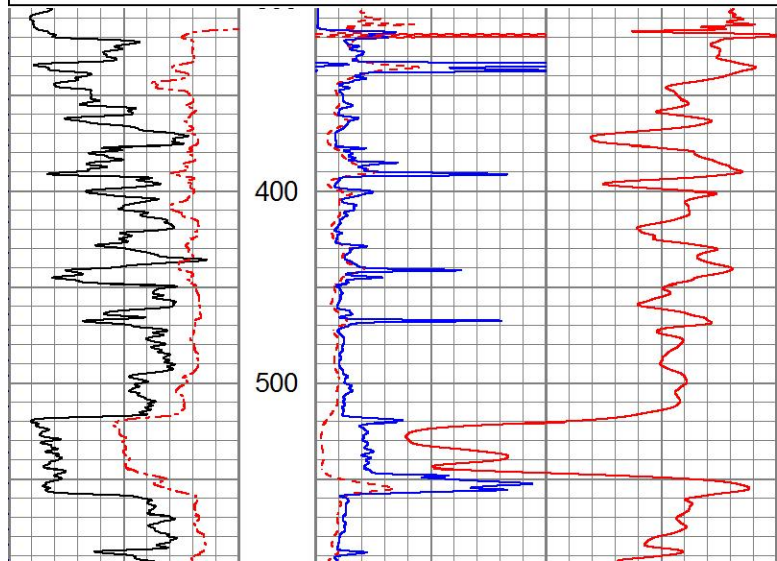
Sensor	Offset (ft)	Cumulative	Description	Length (ft)	O.D. (in)	Weight (lb)
GRTemp GR	40.66 40.24		GR-PTS_OH (FW1306-49) Open Hole Digital Gamma Ray	3.69	3.38	40.00
MEL-GOI (TEL) Digital Telemetry Microlog				7.21	3.50	150.00
MCAL MI MN	32.82 32.82 32.70					
LD_HEAD_V IntTemp	30.36 29.36					
LDT-V4A (Osage_1_upgrade)				9.83	4.00	300.00
DCAL LS_ACC LCSBIN LSDAC W9 W4 W3 W2 W1 SS_ACC SCSBIN SSDAC W10 W8 W7 W6 W5	23.78 23.28 23.28 23.28 23.28 23.28 23.28 23.28 23.28 23.03 23.03 23.03 23.03 23.03 23.03 23.03 23.03					
CILD SR	10.92 10.42		DIL-GEAR (158) Pulsed Induction Logging Unit	21.36	4.00	395.00

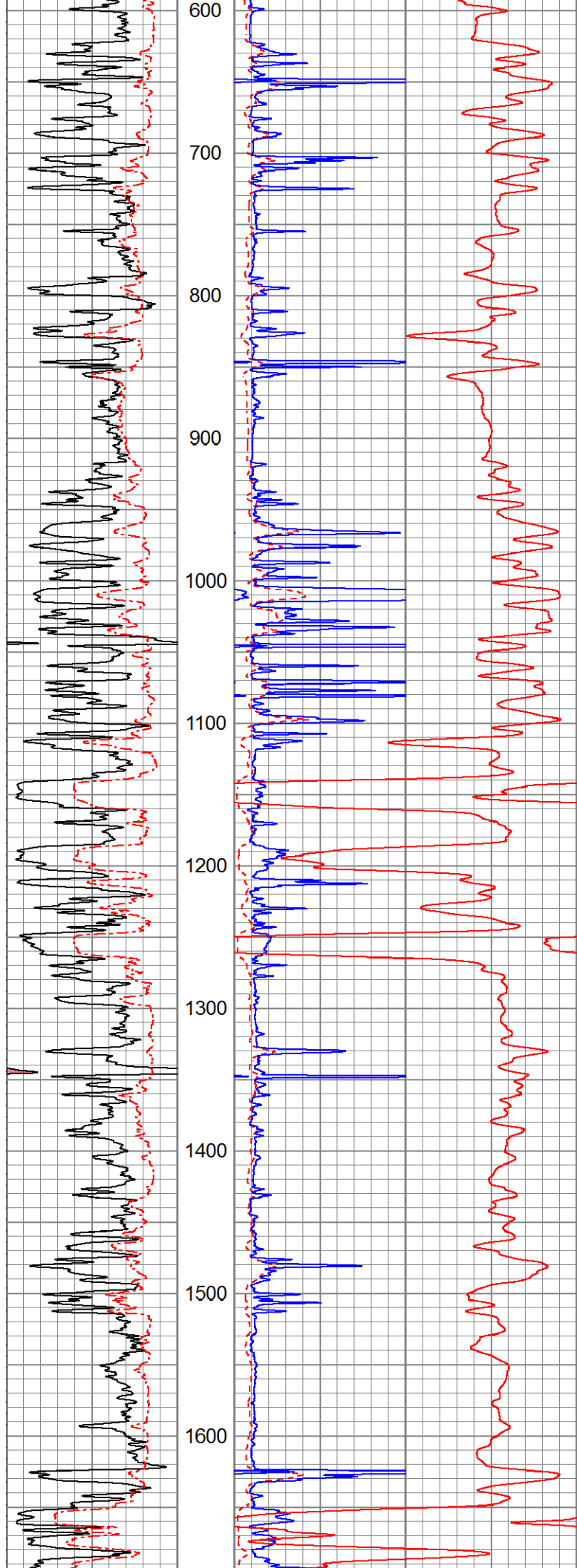


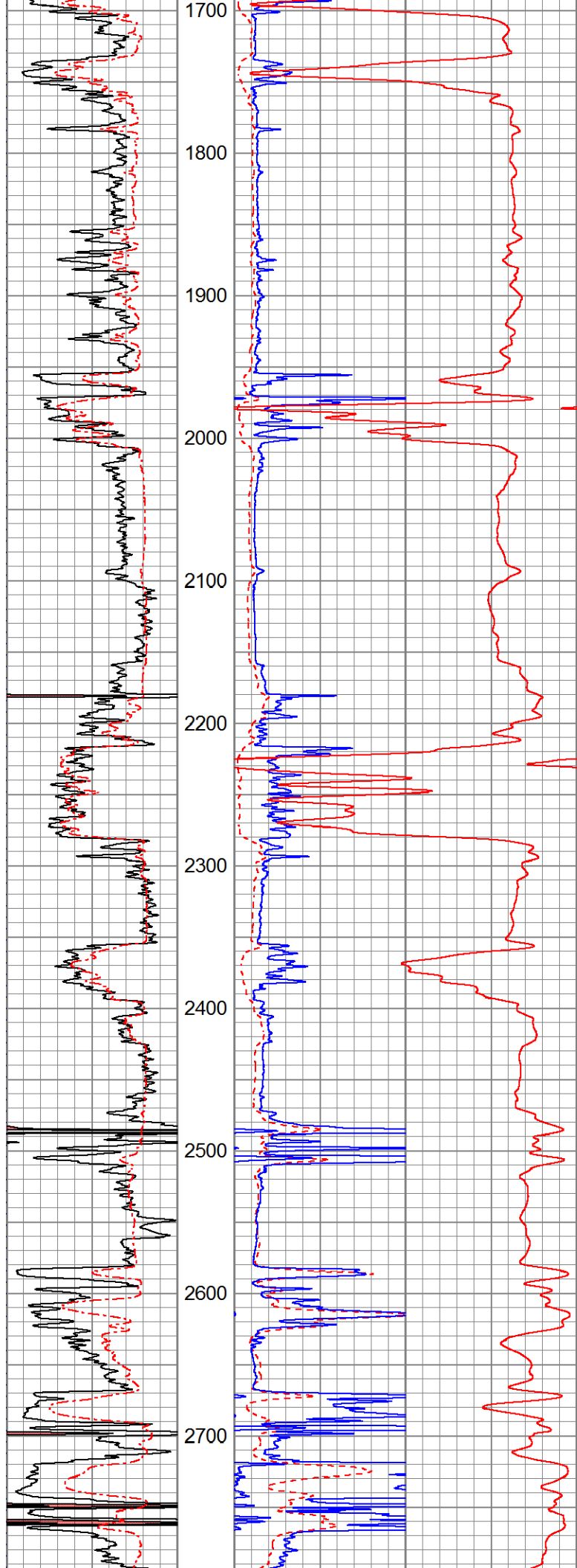
1" DIL SECTION

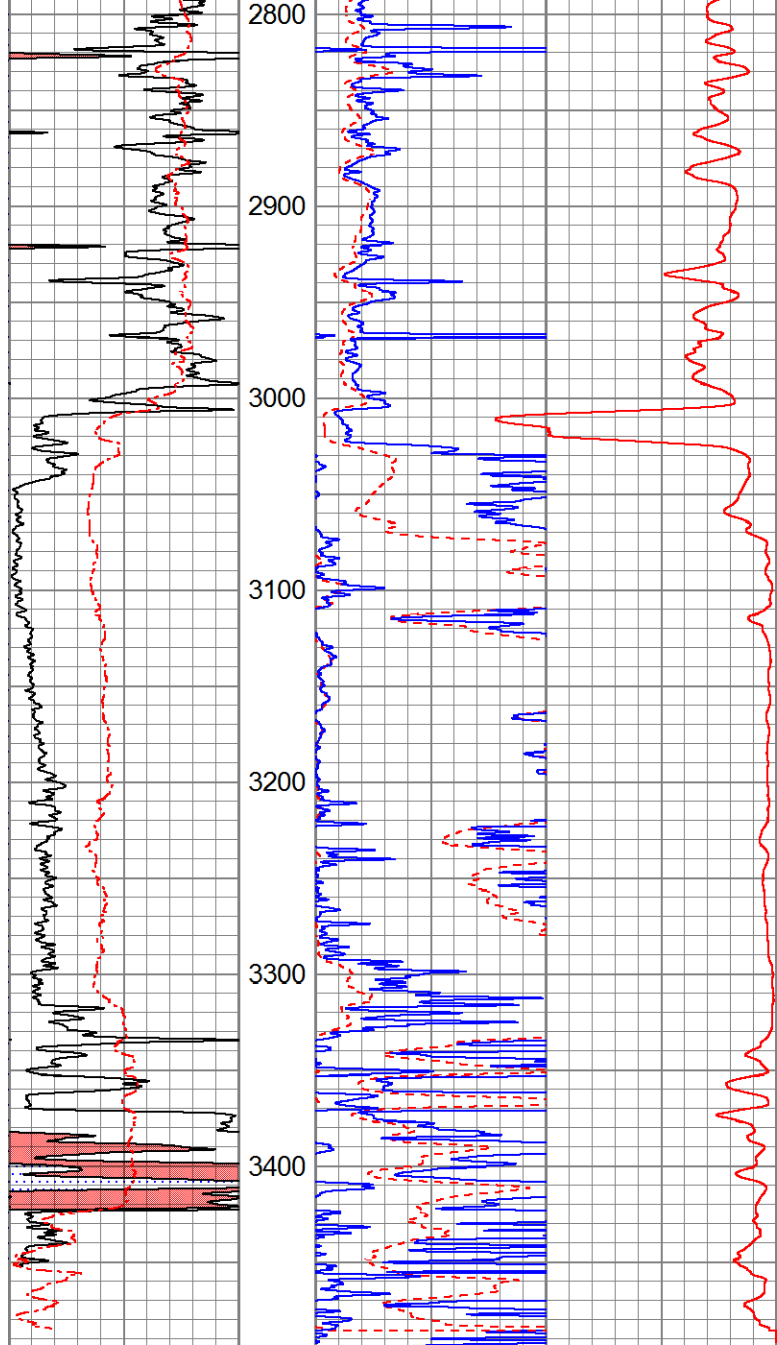
Database File	ow2-8875 lawco holdings.db
Dataset Pathname	LDTM/merge1.2
Presentation Format	dil1
Dataset Creation	Sat Oct 24 20:32:59 2015
Charted by	Depth in Feet scaled 1:1200

0	GR (GAPI)150	1000	CILD (mmho/m)	0
-20	SP (mV) 200			
		RILD		
0	(Ohm-m) 50			
		RLL3		
0	(Ohm-m) 50			









0	GR (GAPI)150	1000	CILD (mmho/m)	0
-20	SP (mV)	200		
			RILD	
		0	(Ohm-m)	50
			RLL3	
		0	(Ohm-m)	50