



DUAL INDUCTION LOG

Company	SHELBY RESOURCES, LLC.	Company	SHELBY RESOURCES, LLC.
Well	F-P UNIT #1-5	Well	F-P UNIT #1-5
Field	ORO NORTHWEST	Field	ORO NORTHWEST
County	PAWNEE	County	PAWNEE
State	KANSAS	State	KANSAS
Location:	API # : 15-145-21867-0000 190' FSL & 560' FWL	Other Services CDL/CNL SON/ML	
Permanent Datum	SEC 5 TWP 20S RGE 19W	Elevation	
Log Measured From	GROUND LEVEL Elevation 2230 KELLY BUSHING 11' A.G.L.	K.B. 2241 D.F. 2239 G.L. 2230	
Drilling Measured From	KELLY BUSHING		
Date	3/13/21		
Run Number	ONE		
Depth Driller	4360		
Depth Logger	4360		
Bottom Logged Interval	4368		
Top Log Interval	1300		
Casing Driller	8 5/8" @ 1383		
Casing Logger	1383		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.0/59		
pH / Fluid Loss	10.5/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.8@ 60F		
Rmf @ Meas. Temp	.6@ 60F		
Rmc @ Meas. Temp	.96 @ 60F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.40@ 119F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	119F		
Equipment Number	1523		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	JEREMY SCHWARTZ		

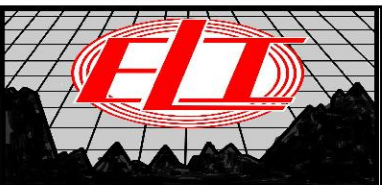
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395

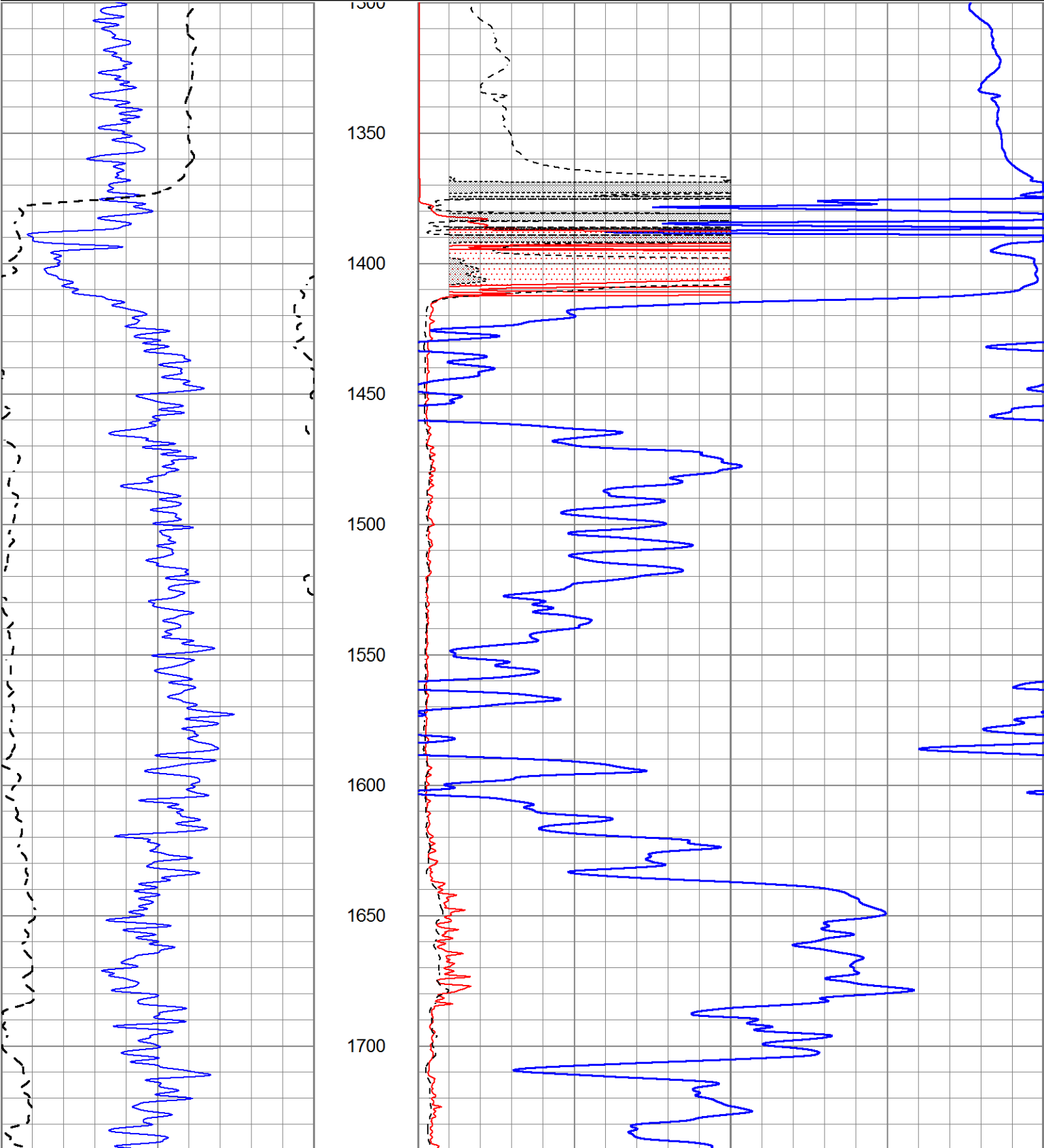
DIRECTIONS: EAST SIDE OF NEKOMA TO CO RD. 180 SOUTH TO Y RD.(PAWNEE CO)
3/4 WEST, NORTH INTO.

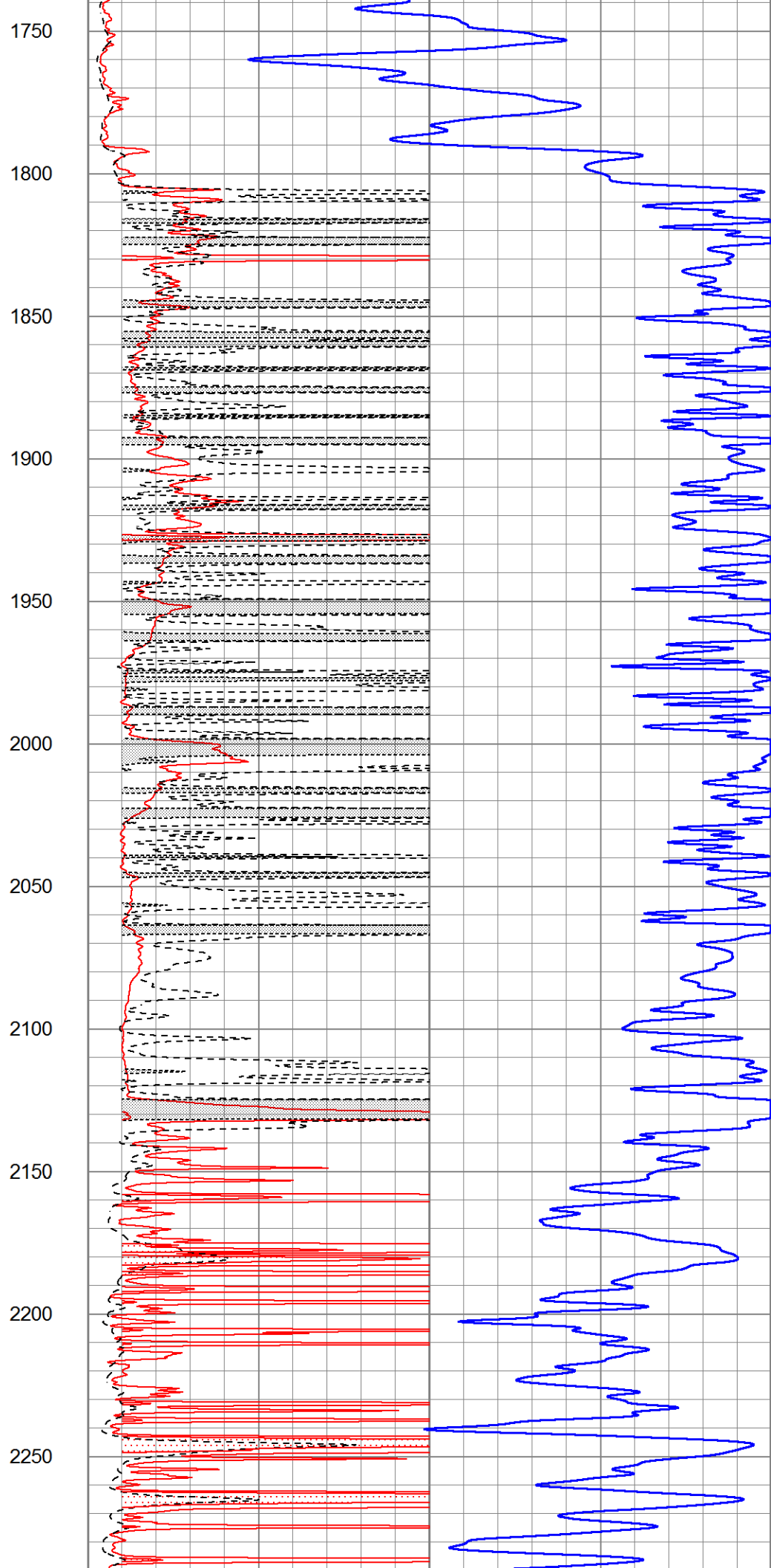
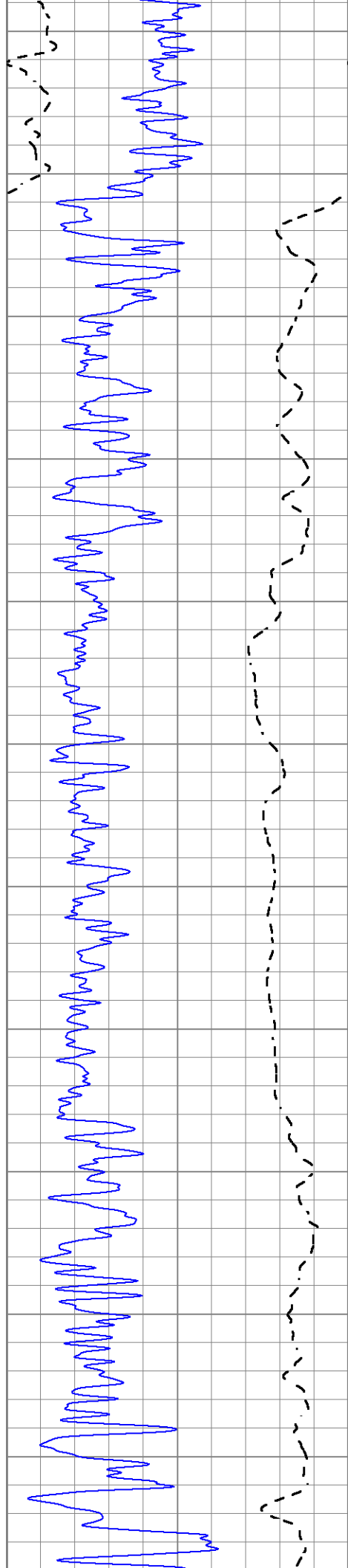


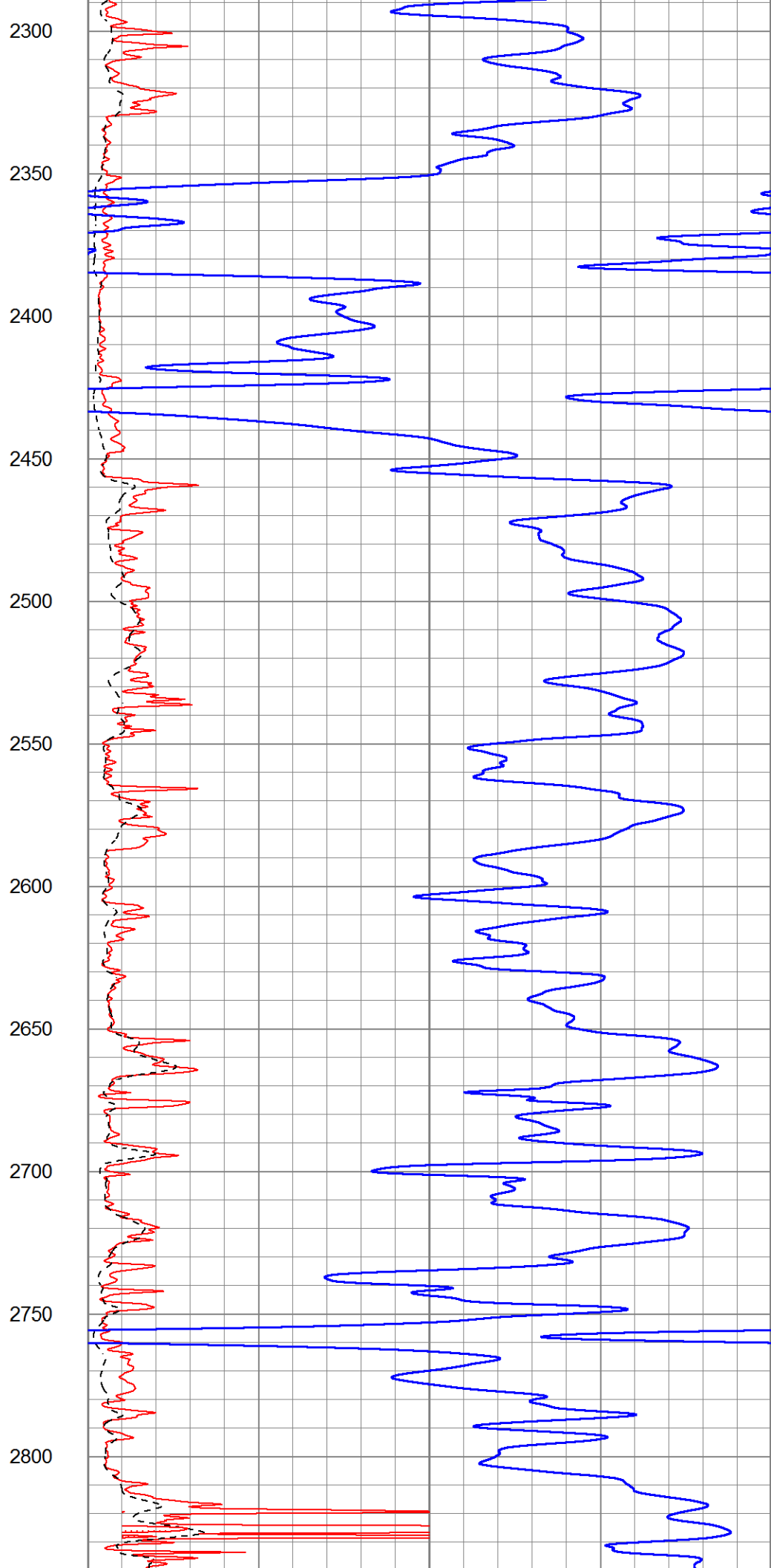
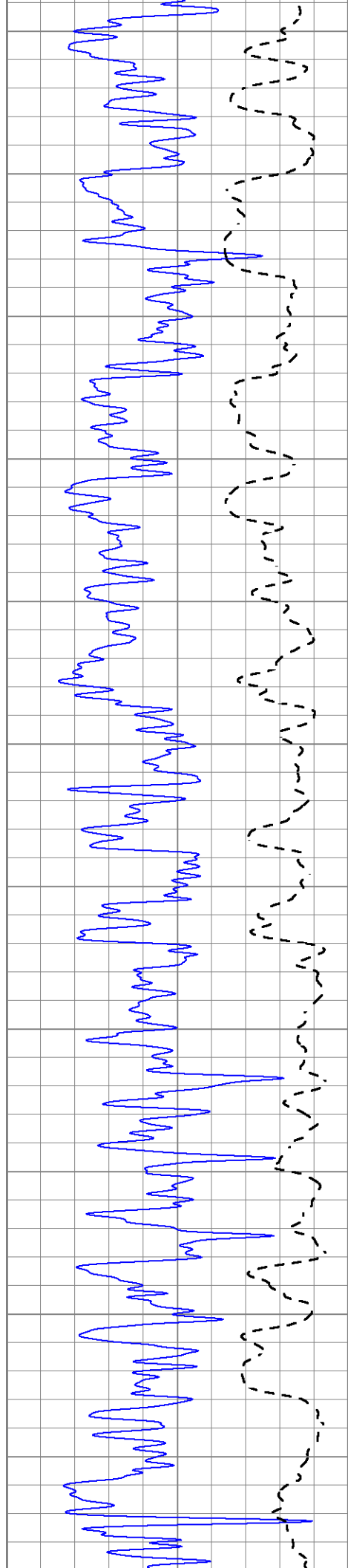
MAIN PASS

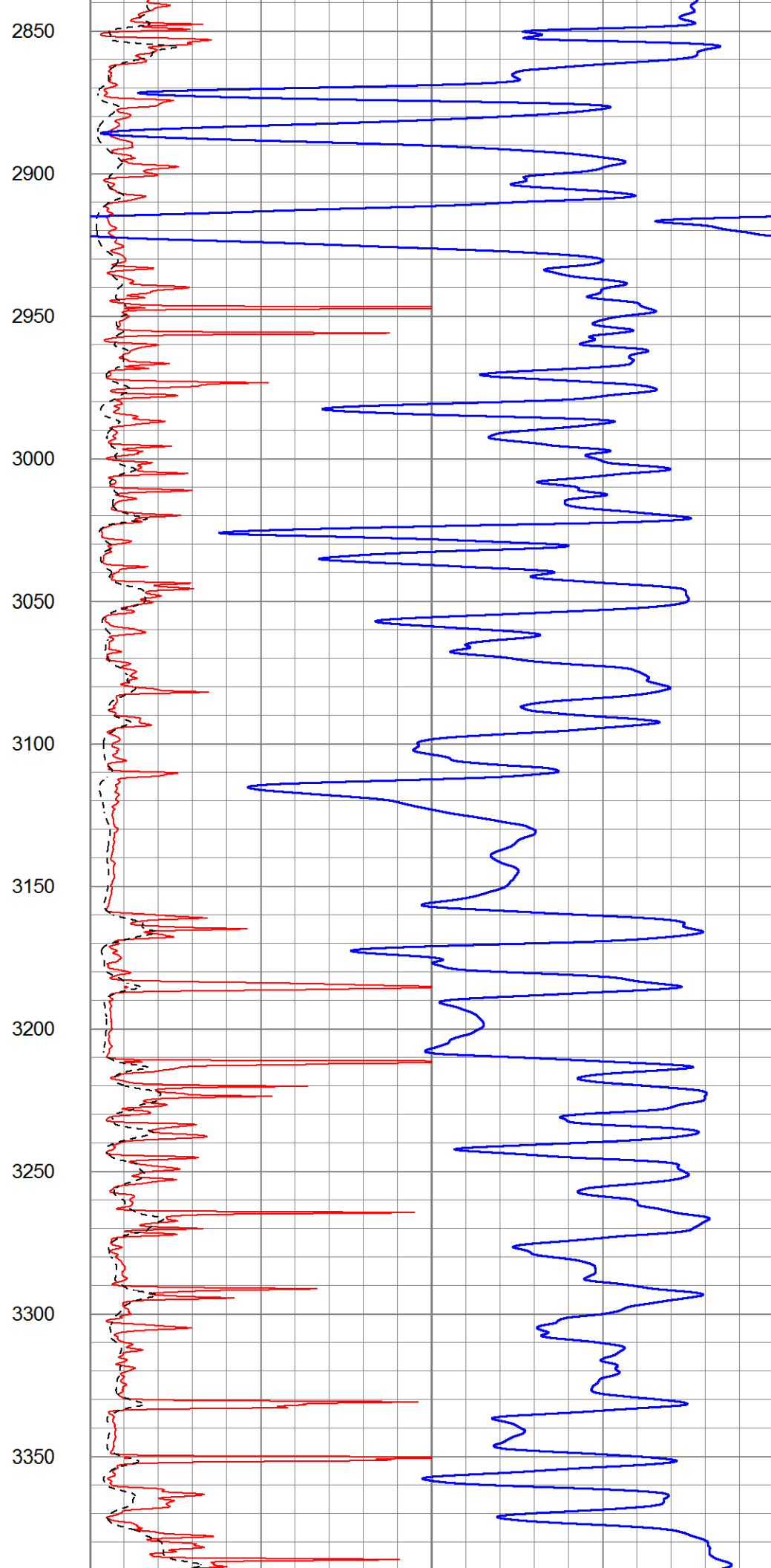
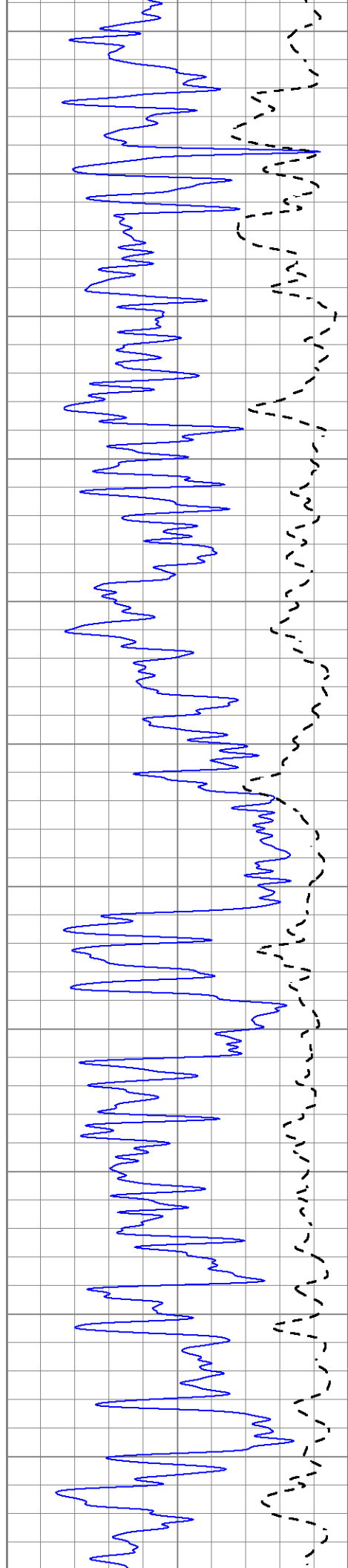
Database File	5049ddn.db
Dataset Pathname	pass3.1
Presentation Format	_dil2
Dataset Creation	Sat Mar 13 23:42:40 2021
Charted by	Depth in Feet scaled 1:600

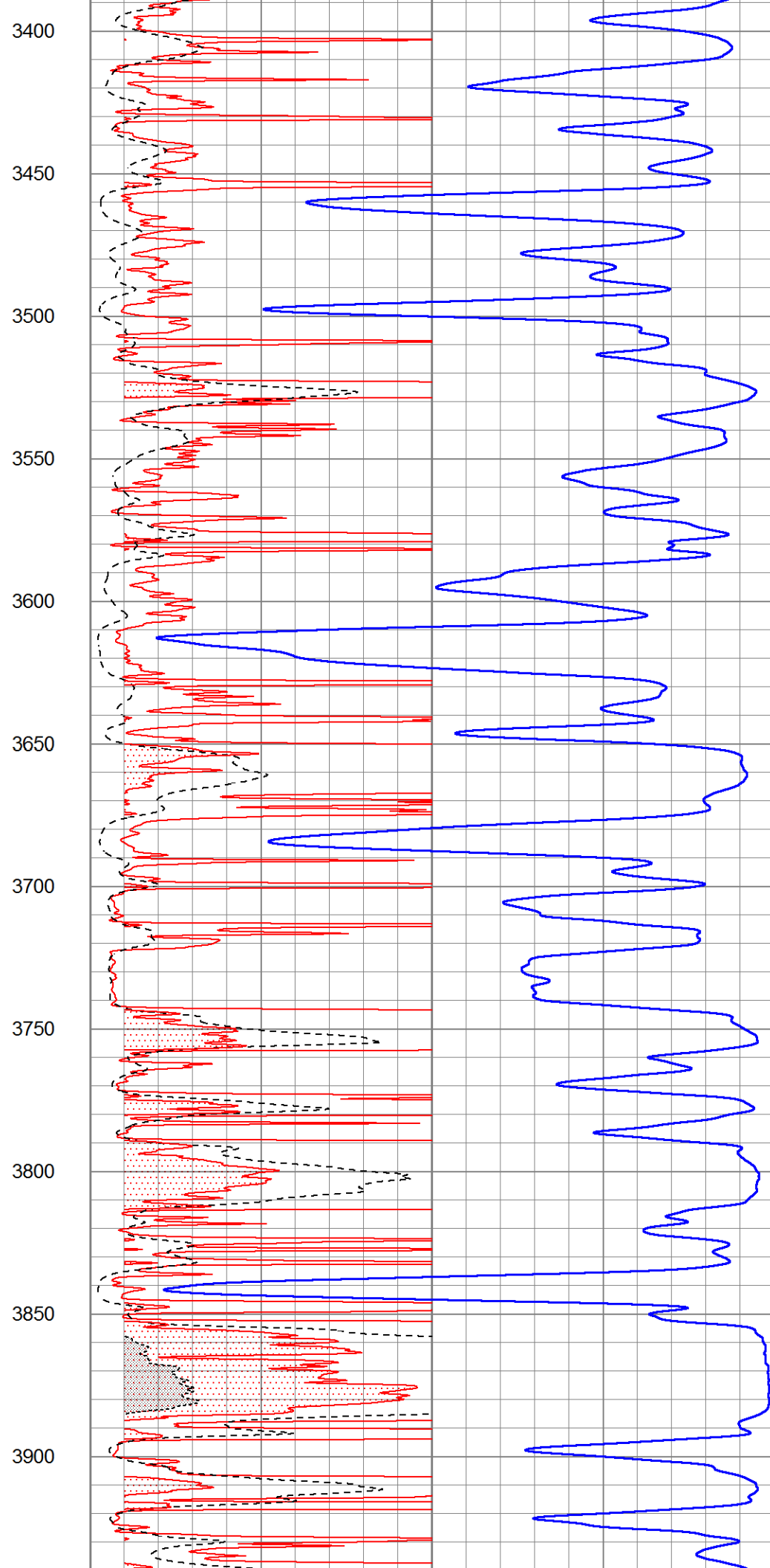
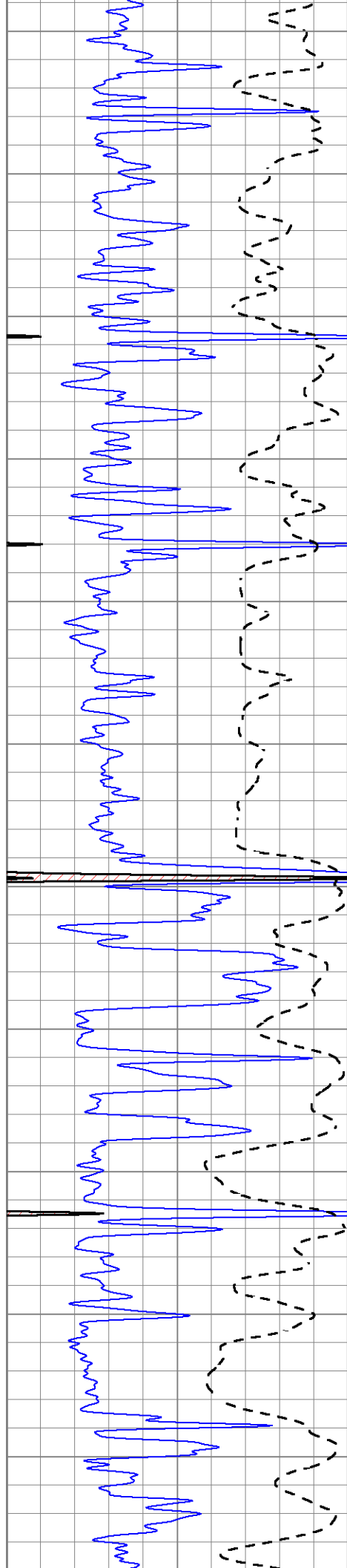
0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
			0	RILD (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500

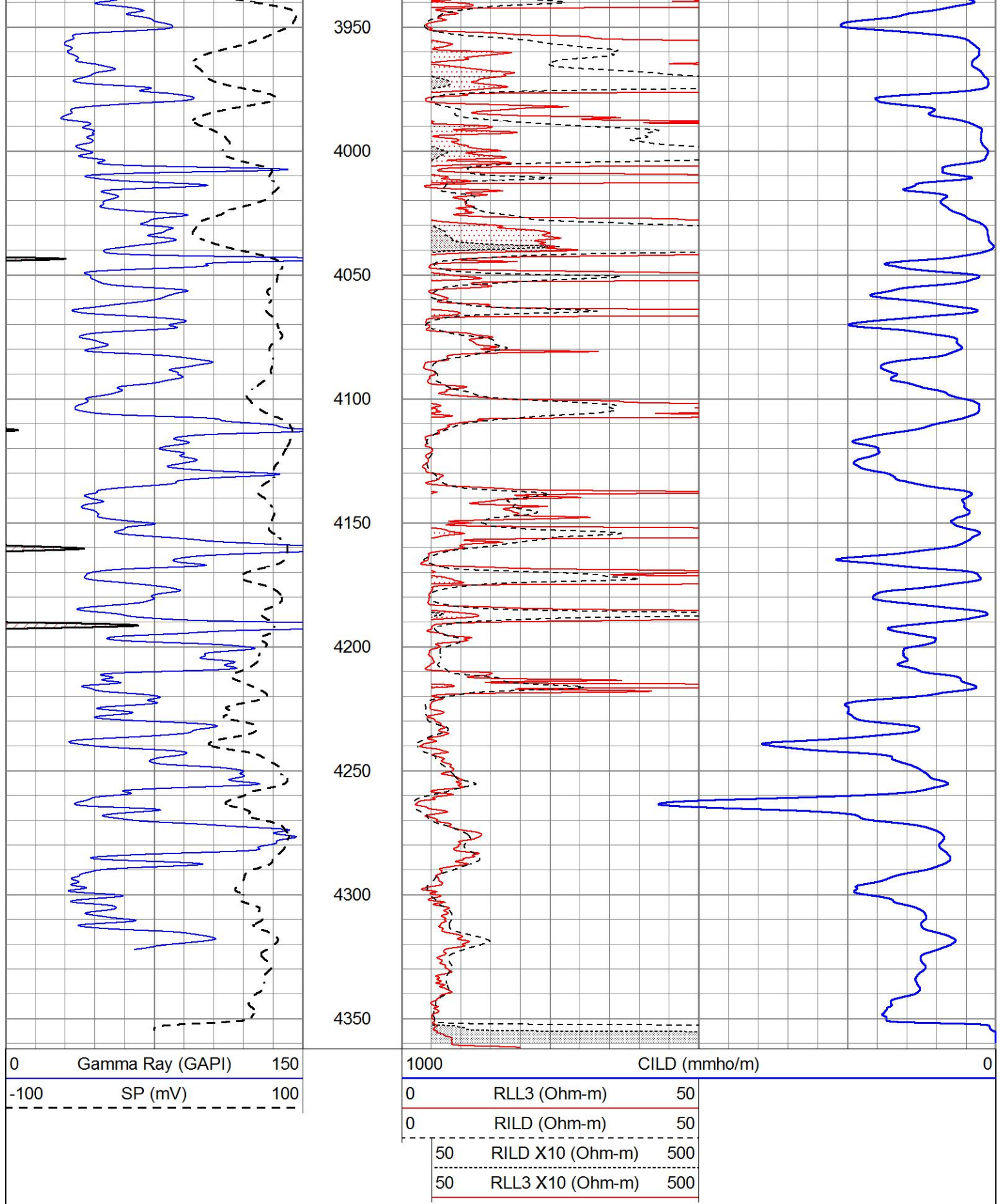








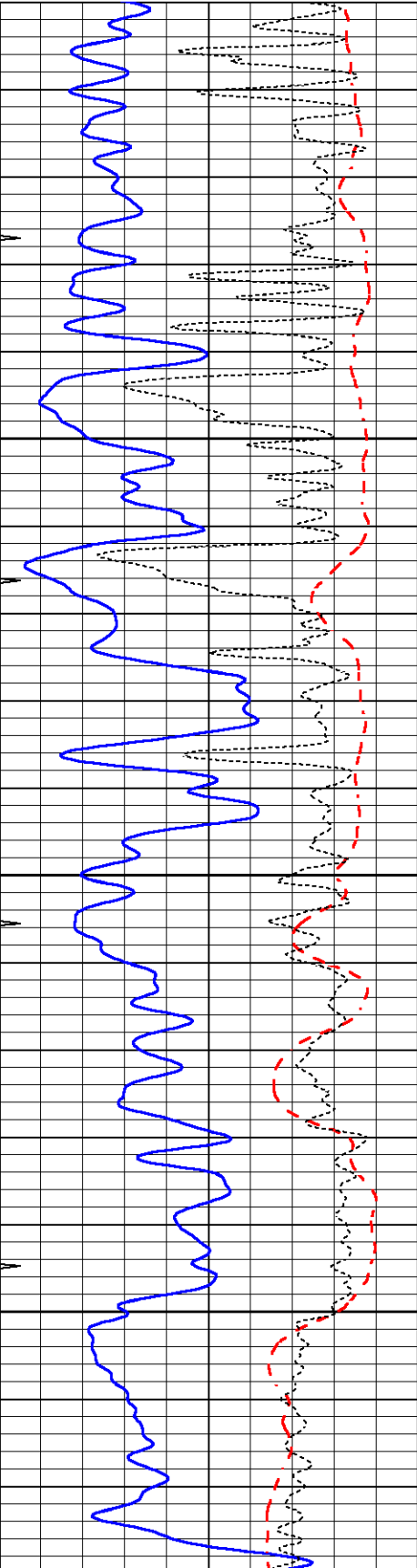




MAIN PASS

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

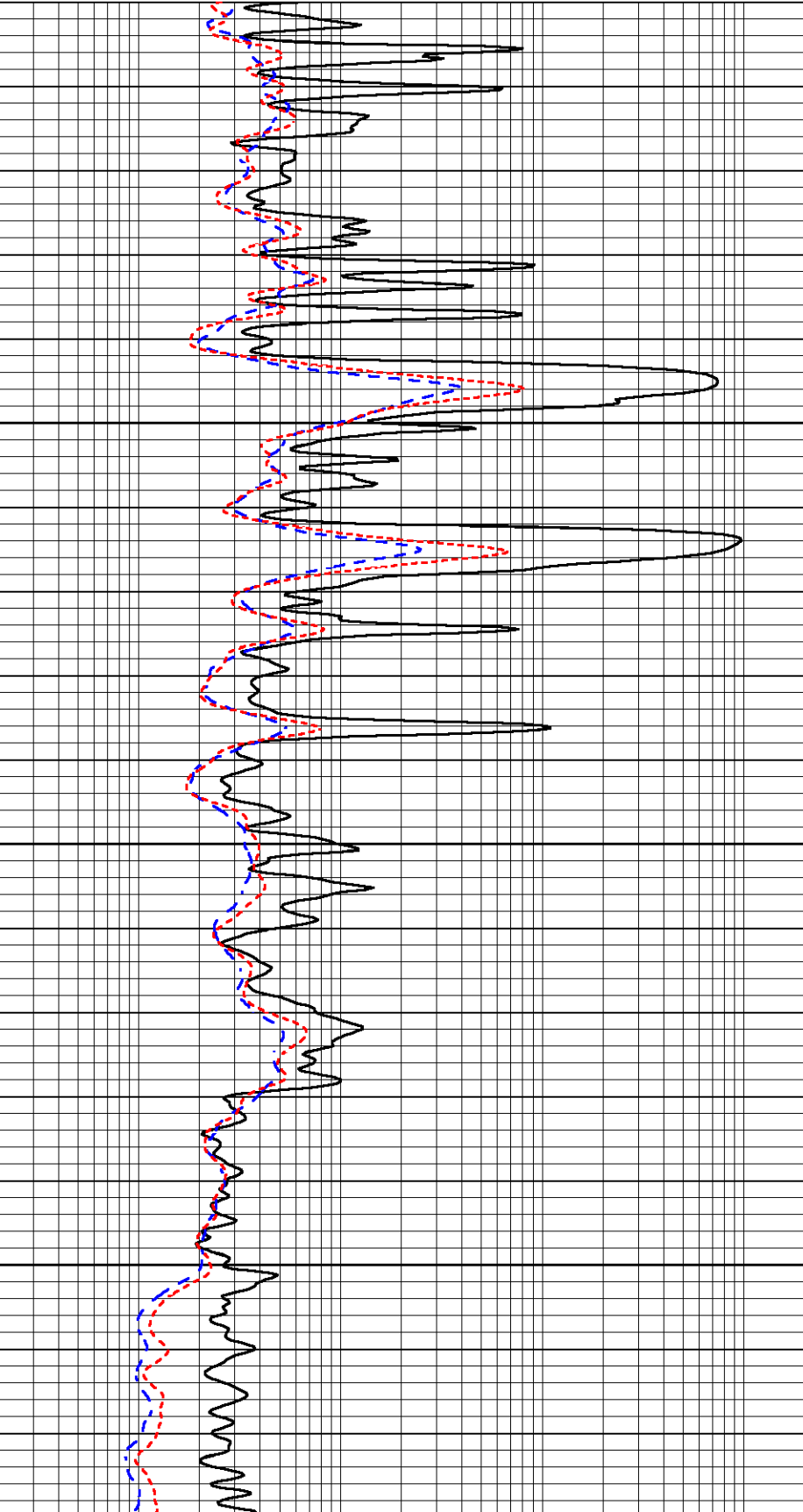


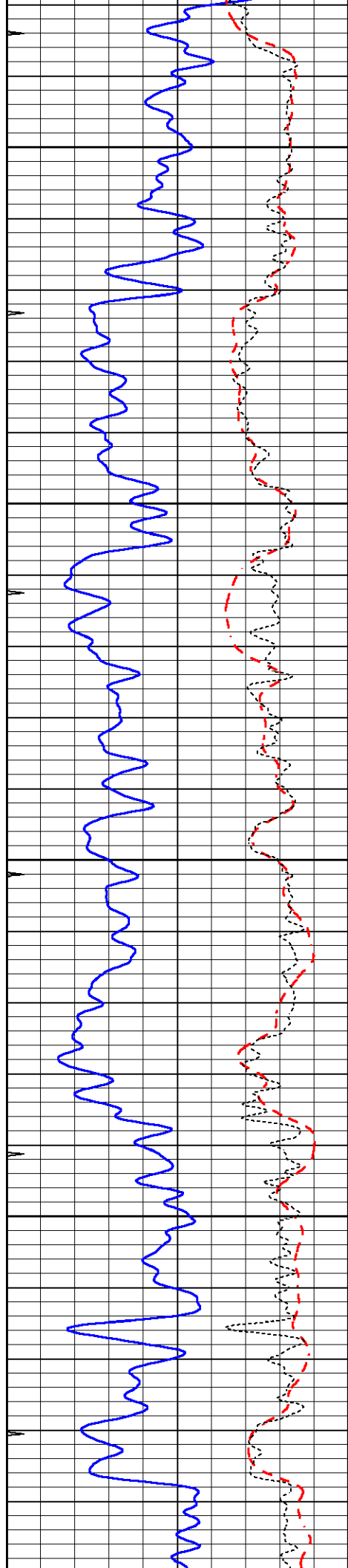
2200

2250

2300

2350





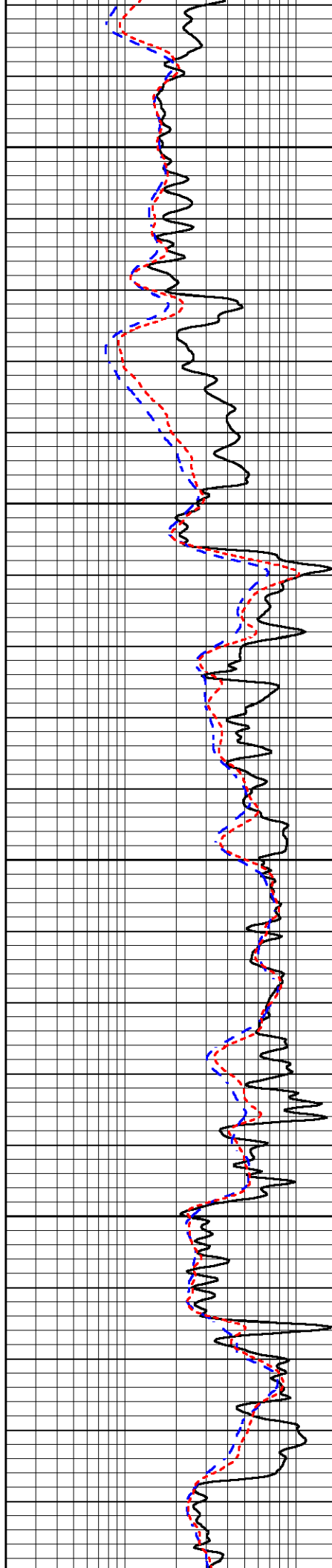
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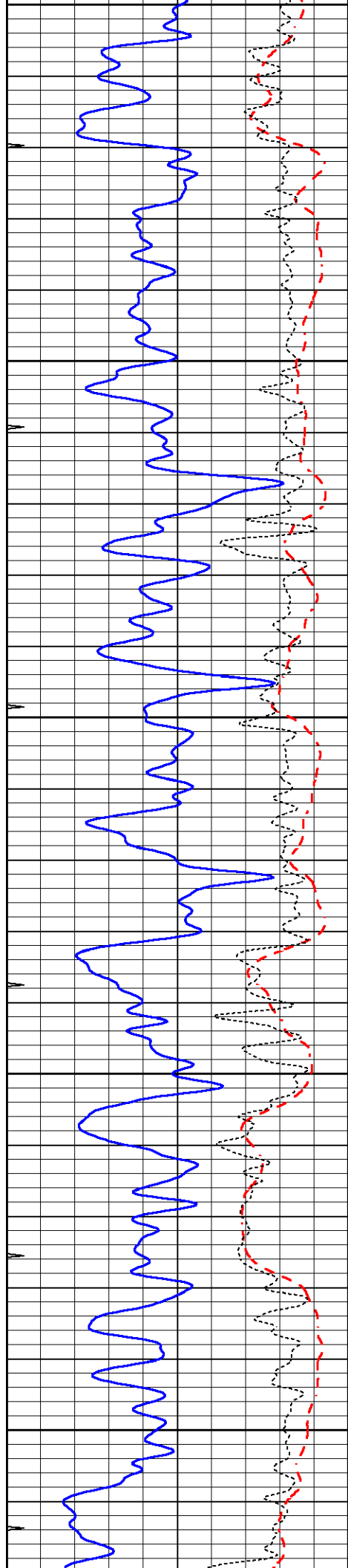
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2500

2550

2600





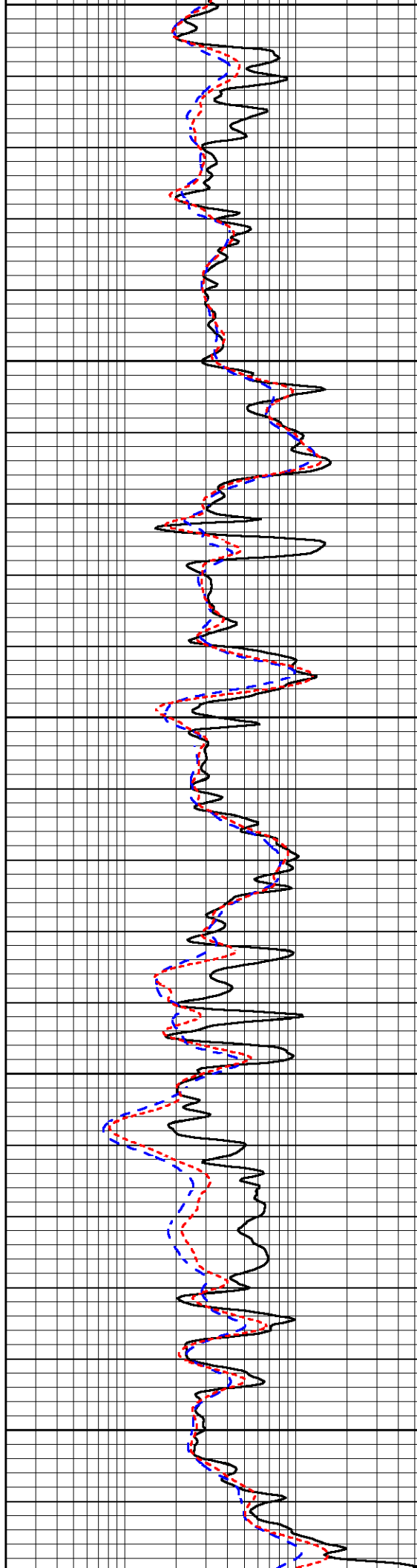
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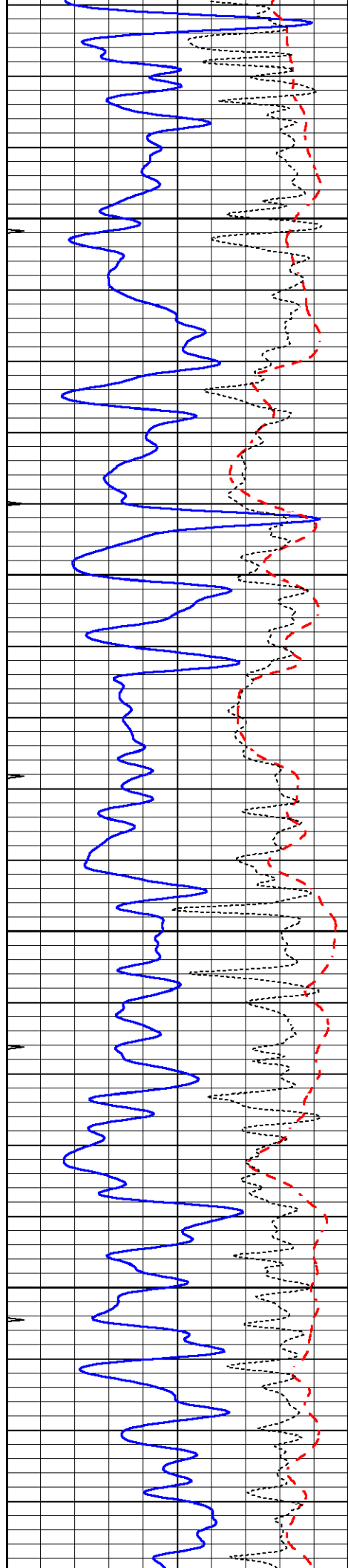
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2700

2750

2800



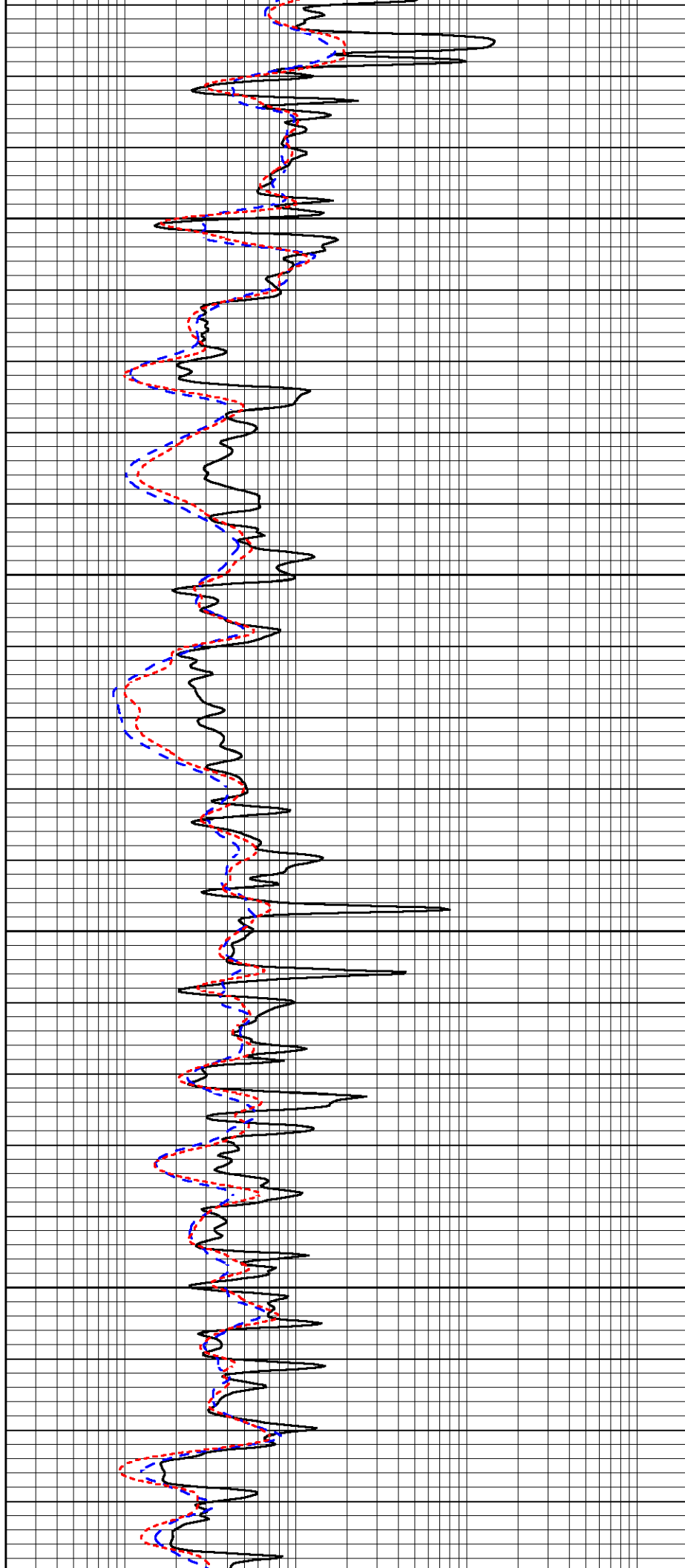


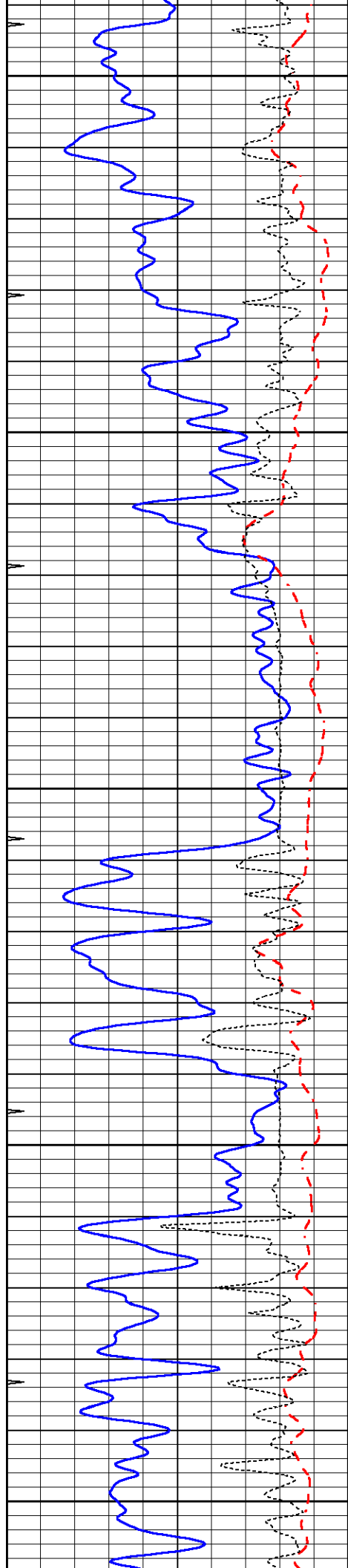
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2900

2950

3000





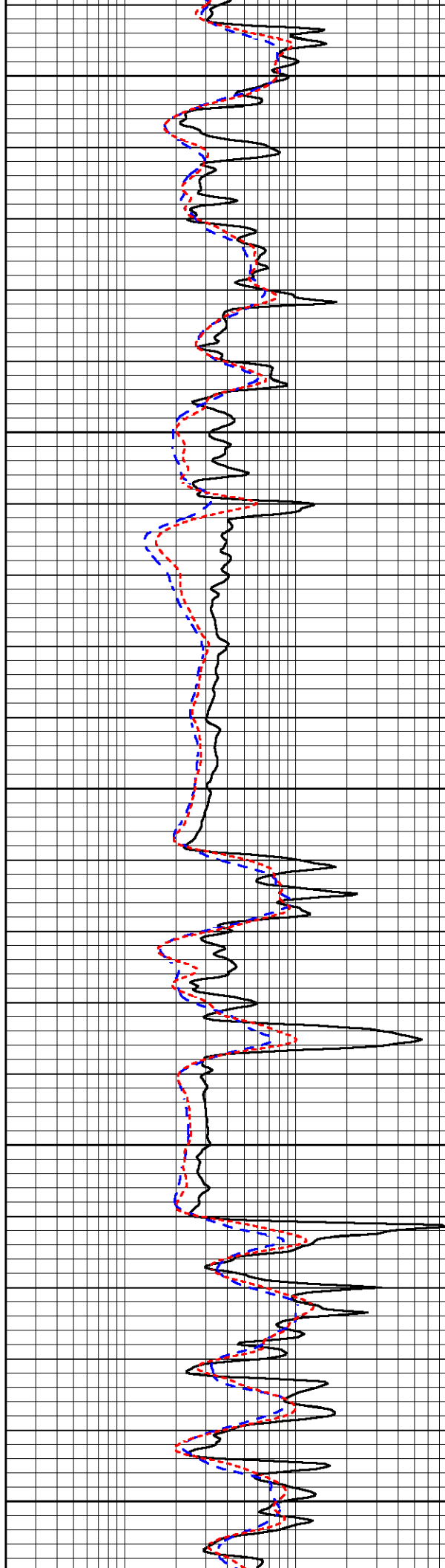
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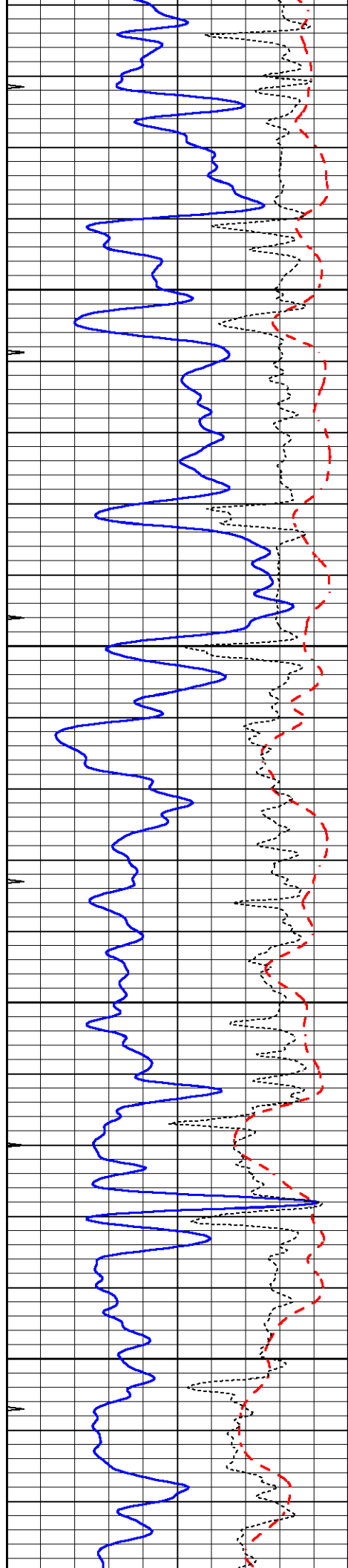
3100

3150

3200

3250



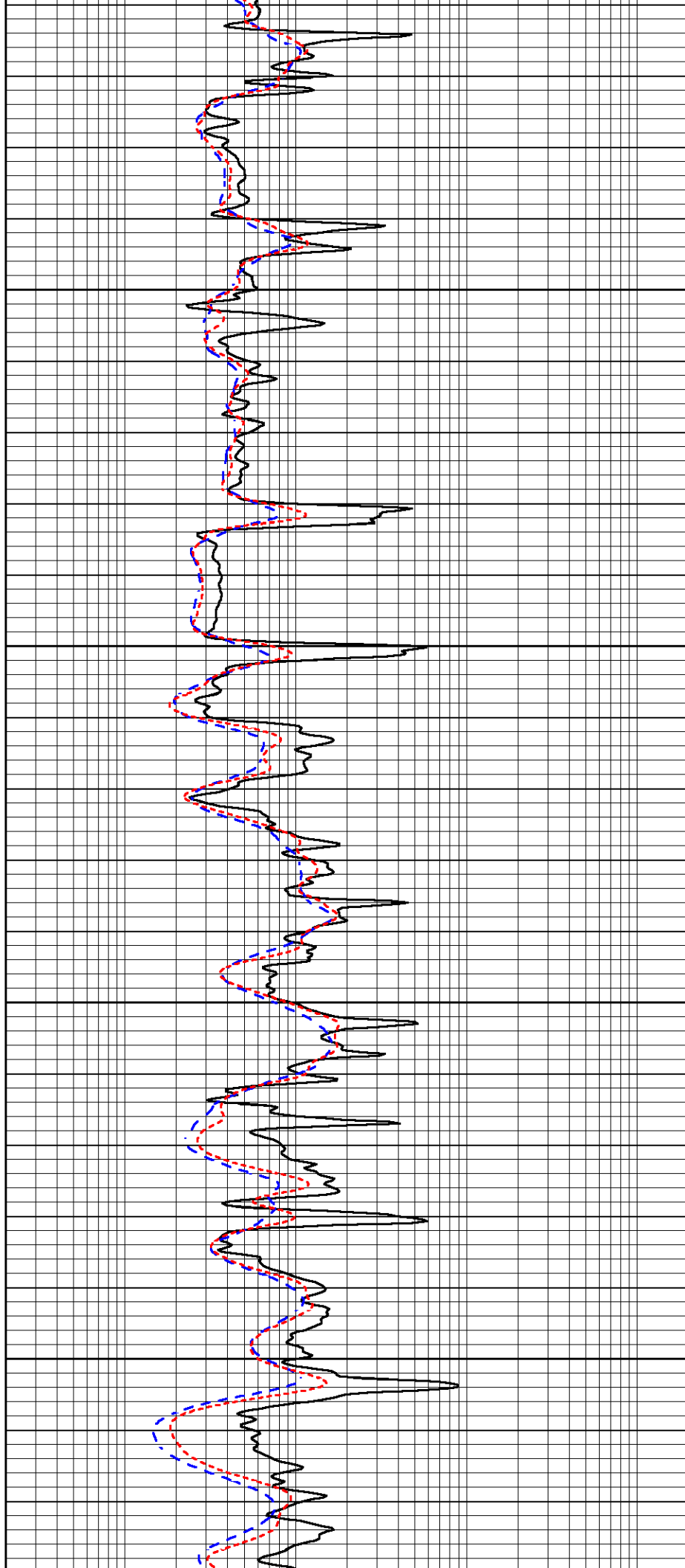


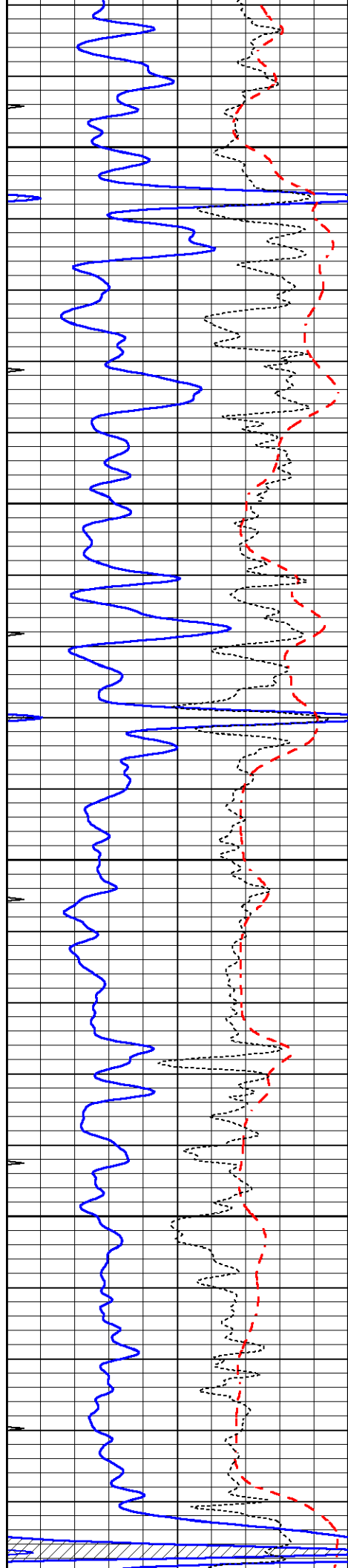
3300

3350

3400

3450





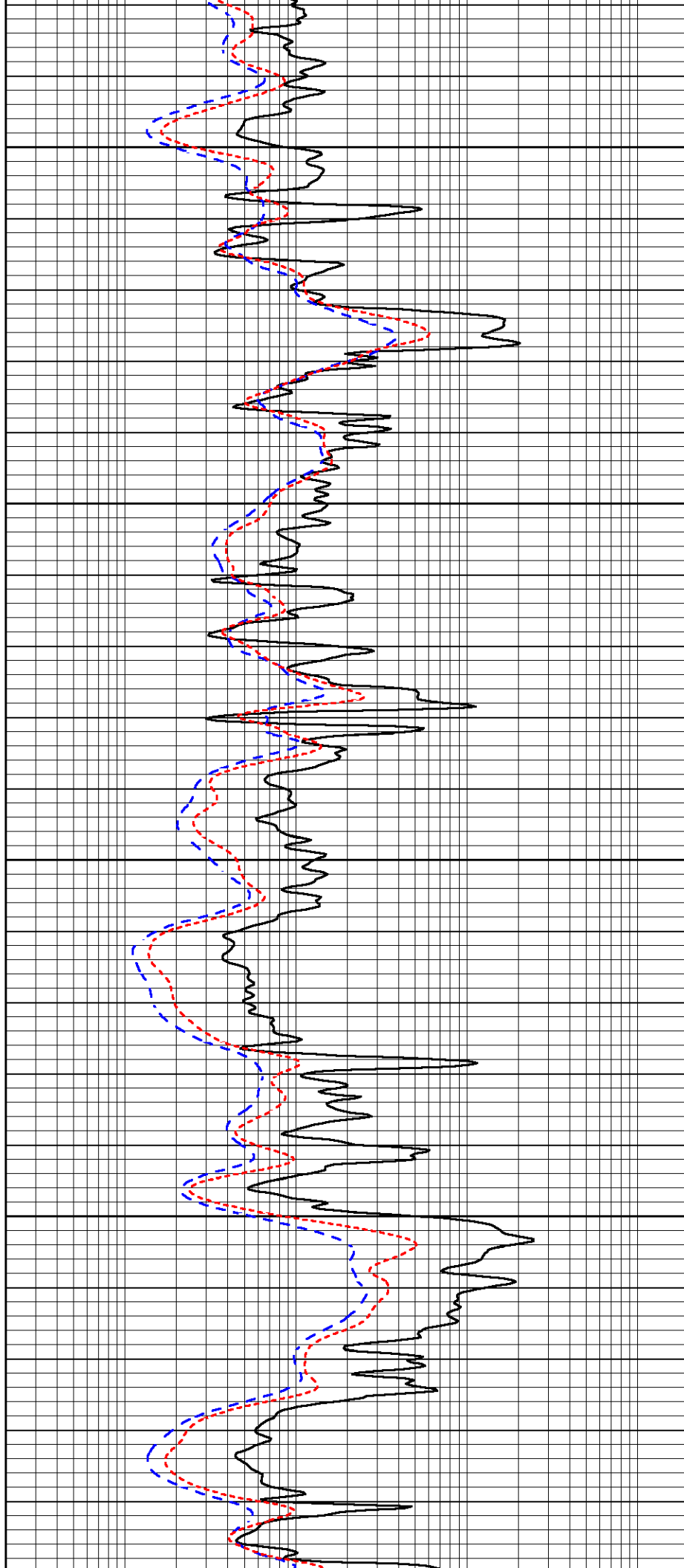
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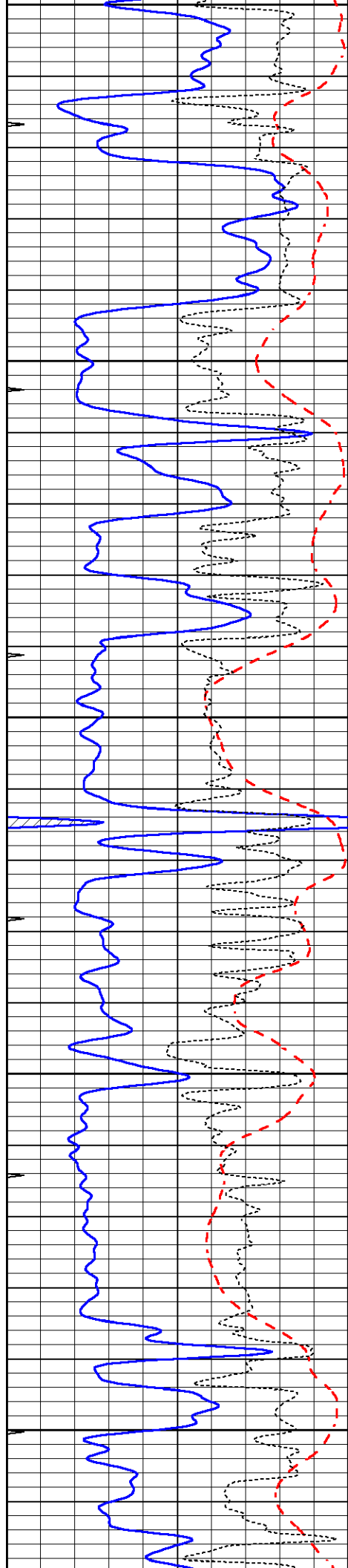
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3600

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3700





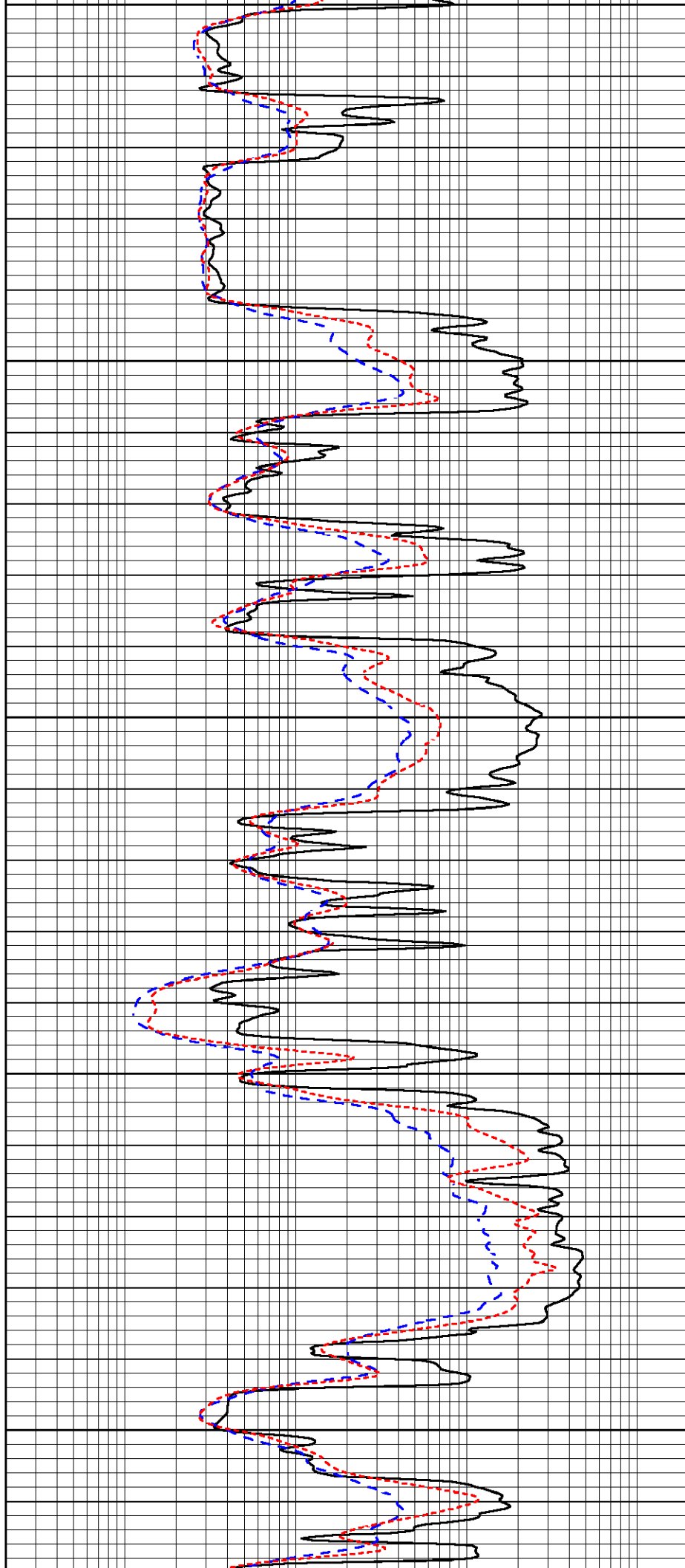
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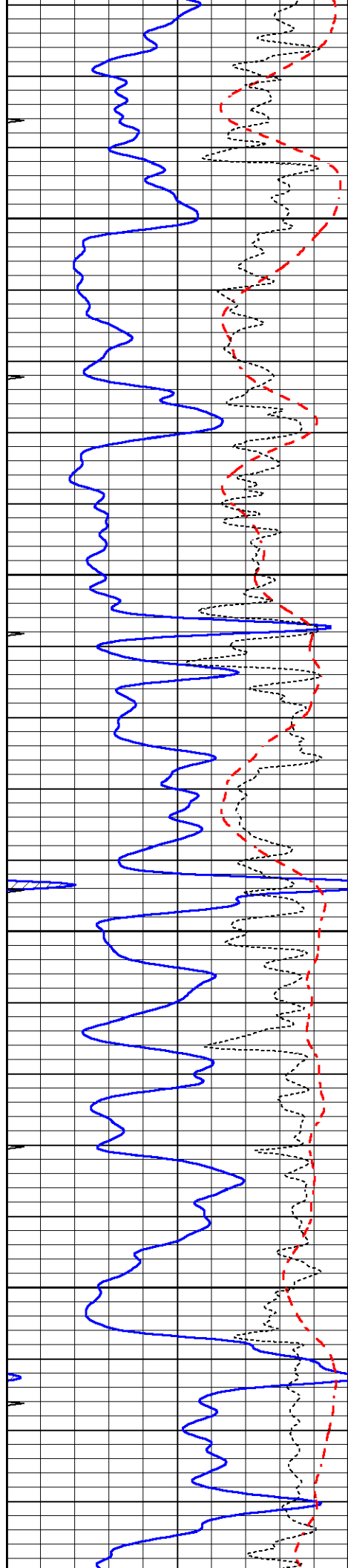
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3800

3850

3900



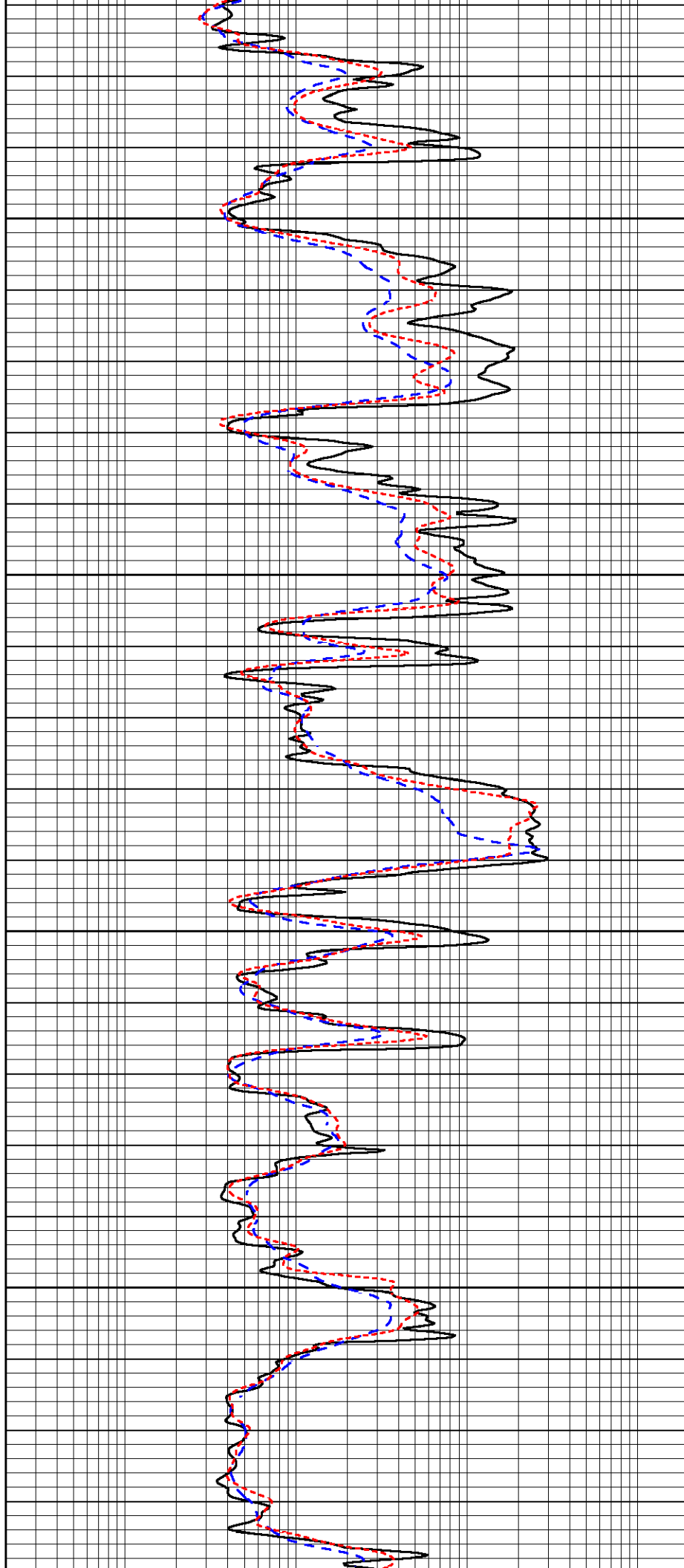


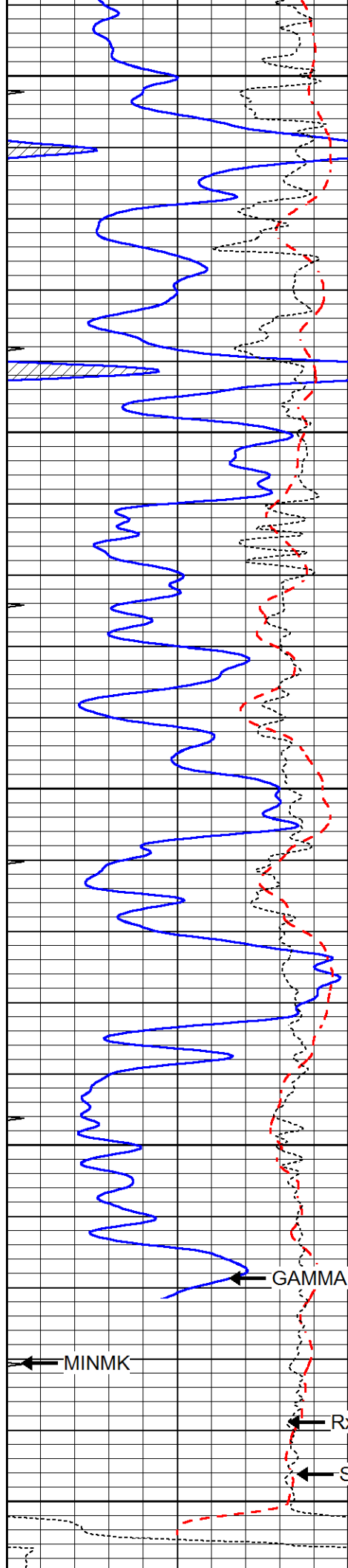
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4000

4050

4100





4150

4200

4250

4300

4350

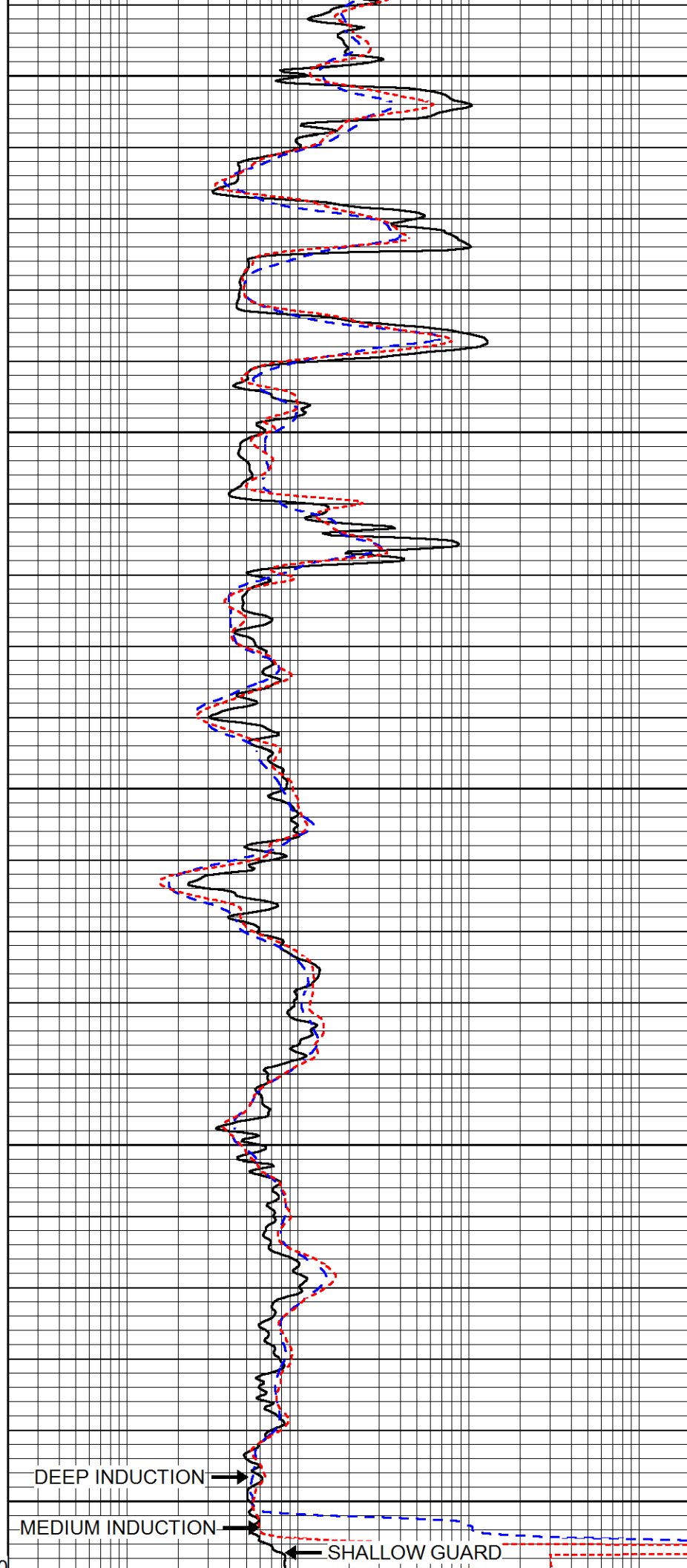
GAMMA RAY

MINMK

Rxo/Rt

SP

LTD 1360



DEEP INDUCTION

MEDIUM INDUCTION

SHALLOW GUARD

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

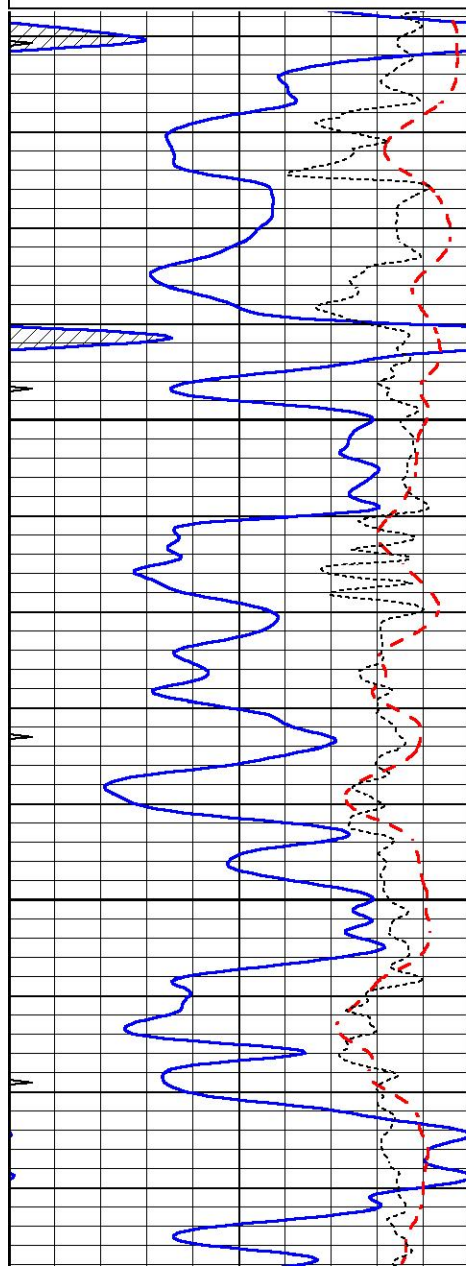


REPEAT SECTION

Database File 5049ddn.db
 Dataset Pathname pass2.1
 Presentation Format _dil
 Dataset Creation Sat Mar 13 23:01:52 2021
 Charted by Depth in Feet scaled 1:240

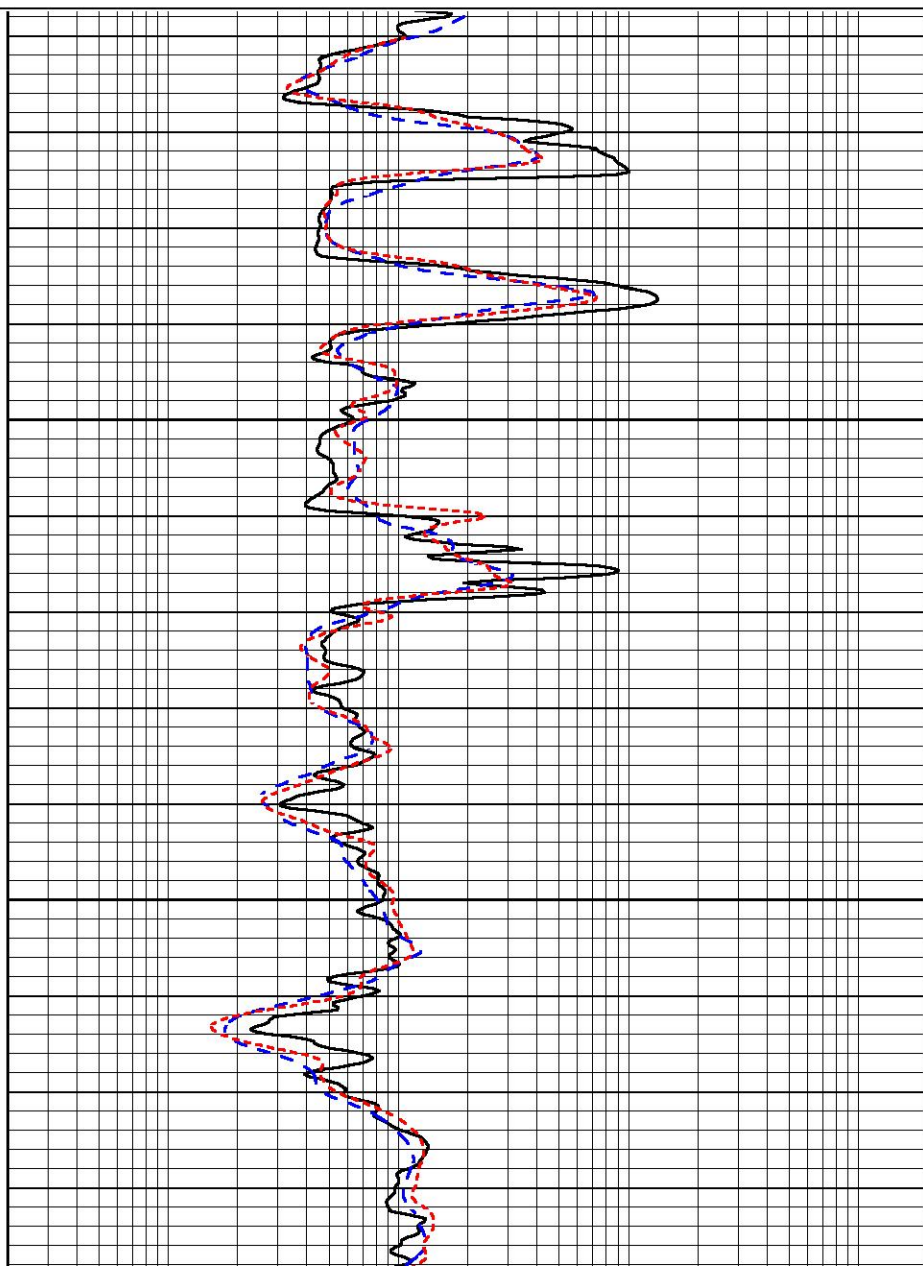
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

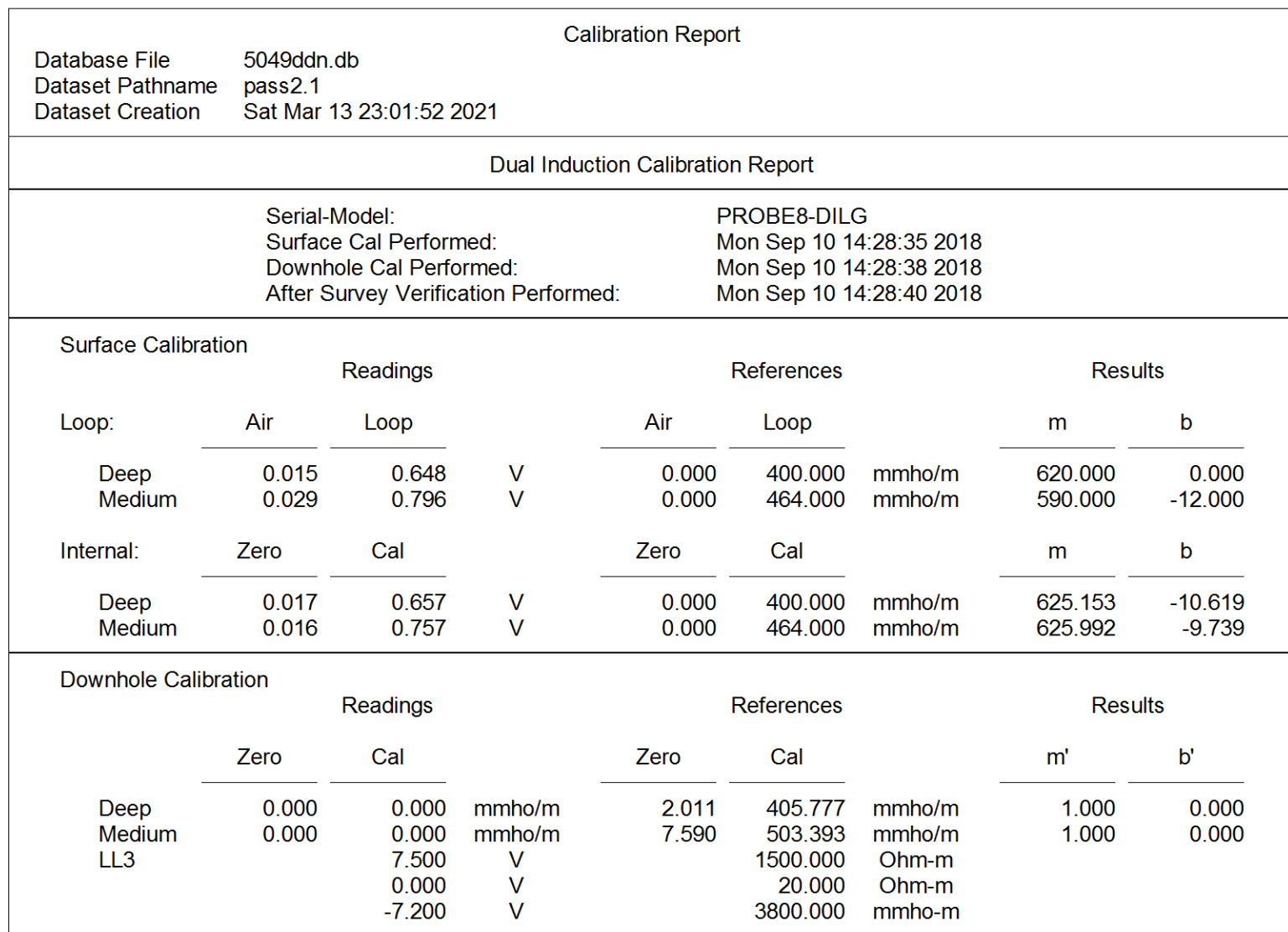
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000



4200

4250





Detector		Readings		Target		Normalization
	Short Space	1.00	cps	1.00	cps	1.0000
	Long Space	1.00	cps	1.00	cps	1.0000
PRE-SURVEY VERIFICATION						
	Detector	Readings		Measured	Target	
1)	Short Space	cps		pu	pu	
	Long Space	cps				
2)	Short Space	cps		pu		
	Long Space	cps				
3)	Short Space	cps		pu		
	Long Space	cps				
POST-SURVEY VERIFICATION						
	Detector	Readings		Measured	Target	
1)	Short Space	cps		pu	pu	
	Long Space	cps				
2)	Short Space	cps		pu	pu	
	Long Space	cps				
3)	Short Space	cps		pu	pu	
	Long Space	cps				
Gamma Ray Calibration Report						
Serial Number:		GR6				
Tool Model:		OPEN				
Performed:		Thu Jul 30 20:04:35 2020				
Calibrator Value:		150.0	GAPI			
Background Reading:		0.0	cps			
Calibrator Reading:		276.0	cps			
Sensitivity:		0.7500	GAPI/cps			