

DUAL INDUCTION LOG

Company	RAYMOND OIL COMPANY, INC.		
Well	#1 TABRIZI		
Field	WILDCAT		
County	LANE		
State	KANSAS		
Location:	API # : 15-101-22674-0000 445' FSL & 335' FEL NW - SE - SE - SE		Other Services CDL/CNL MEL
Permanent Datum	GROUND LEVEL		Elevation 2724
Log Measured From	KELLY BUSHING 5' A.G.L.		K.B. 2729 D.F. 2727 G.L. 2724
Drilling Measured From	KELLY BUSHING		
SEC 2 TWP 20S RGE 28W			
Date	9/2/22		
Run Number	ONE		
Depth Driller	4720		
Depth Logger	4722		
Bottom Logged Interval	4720		
Top Log Interval	00		
Casing Driller	8 5/8"@259'		
Casing Logger	259		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3,800 PPM	
Density / Viscosity	9.4/43		
pH / Fluid Loss	9.5/9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.900@84F		
Rmf @ Meas. Temp	.675@84F		
Rmc @ Meas. Temp	1.08@84F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.620@122F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	11:00 P.M.		
Maximum Recorded Temperature	122F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KIM SHOEMAKER		

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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.

15-101-22674-0000

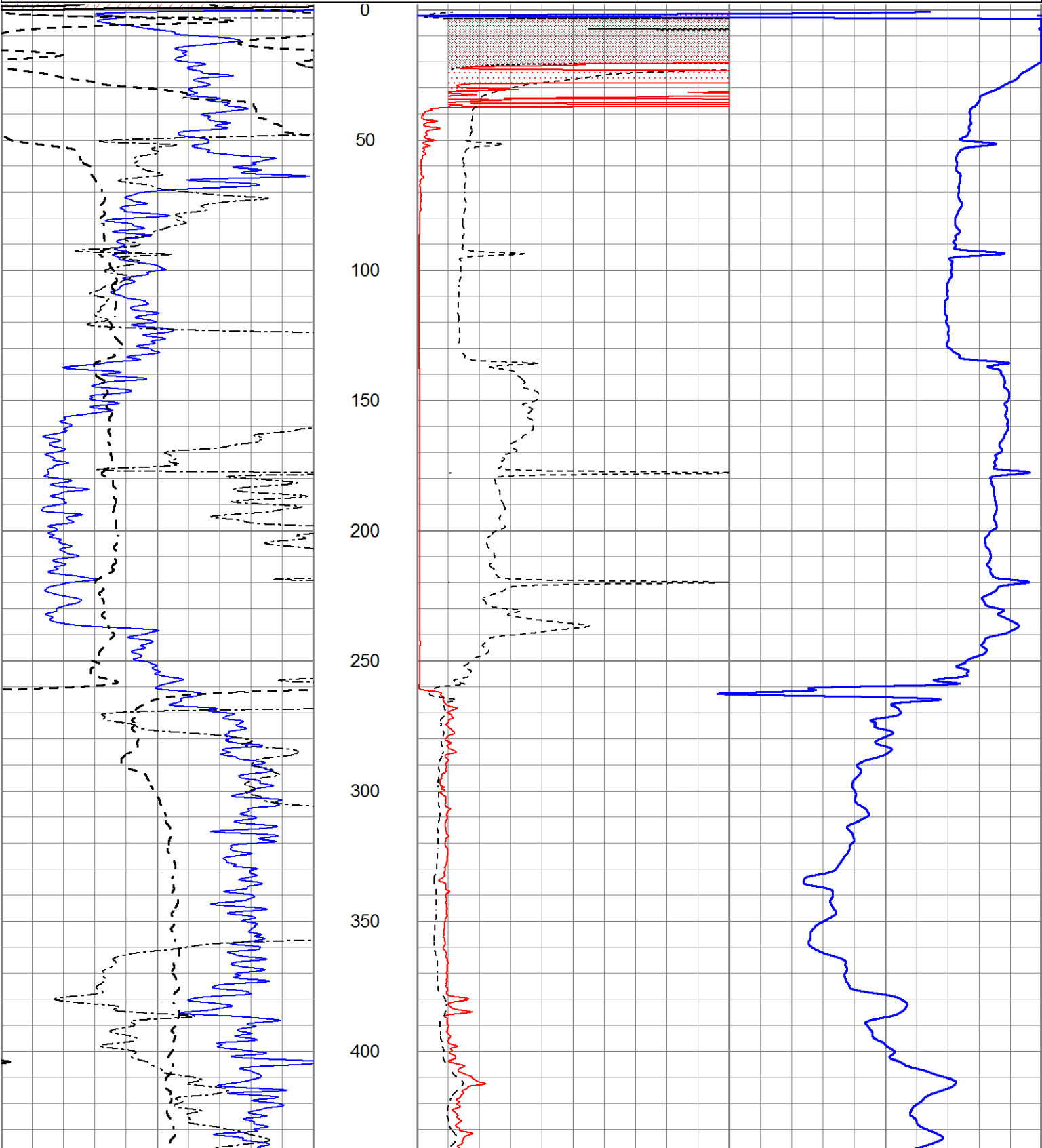
Comments

THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
DIGHTON, KS., 9S. ON HWY 23 TO "RD. 60", 5E., 1 S. INTO

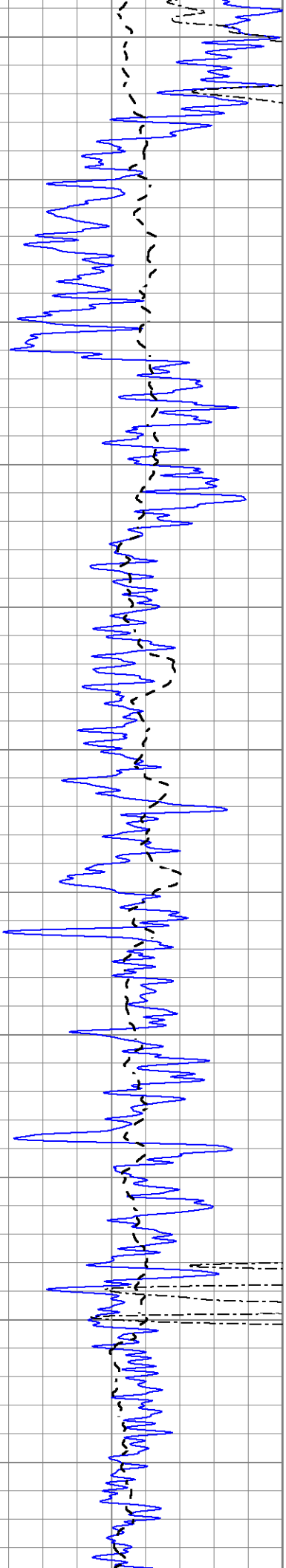
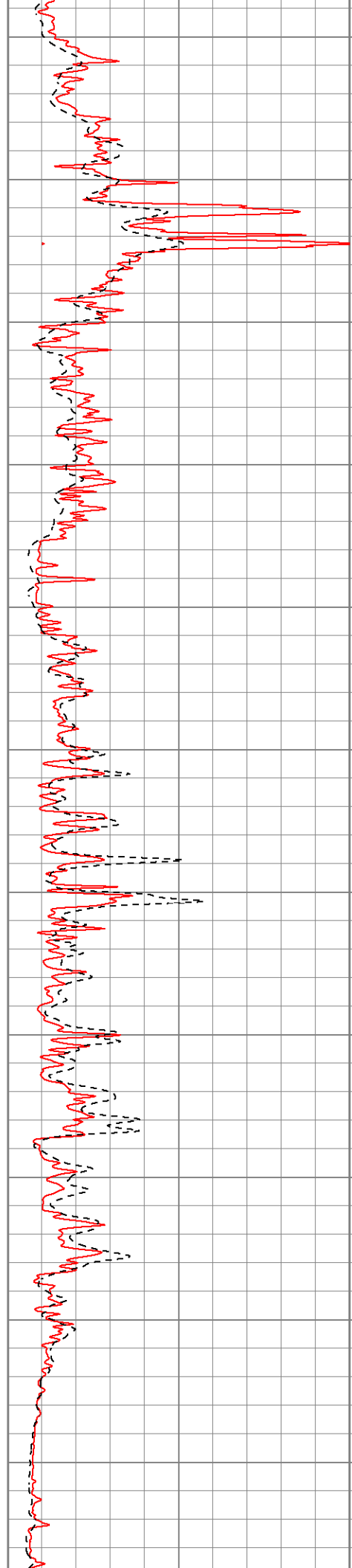
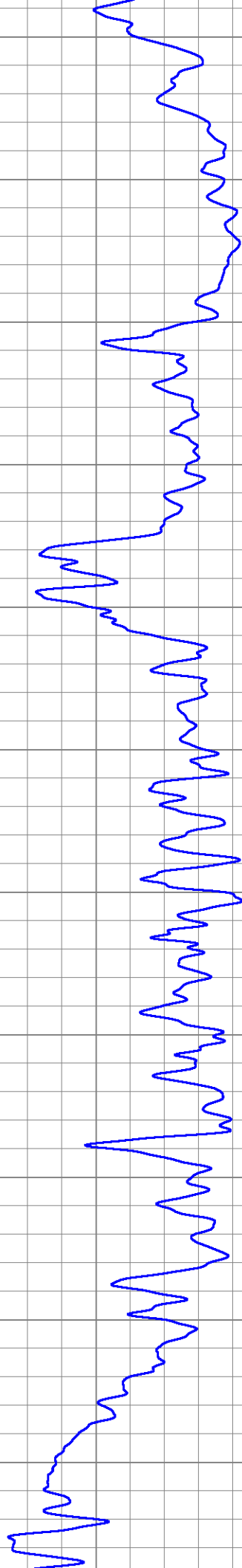


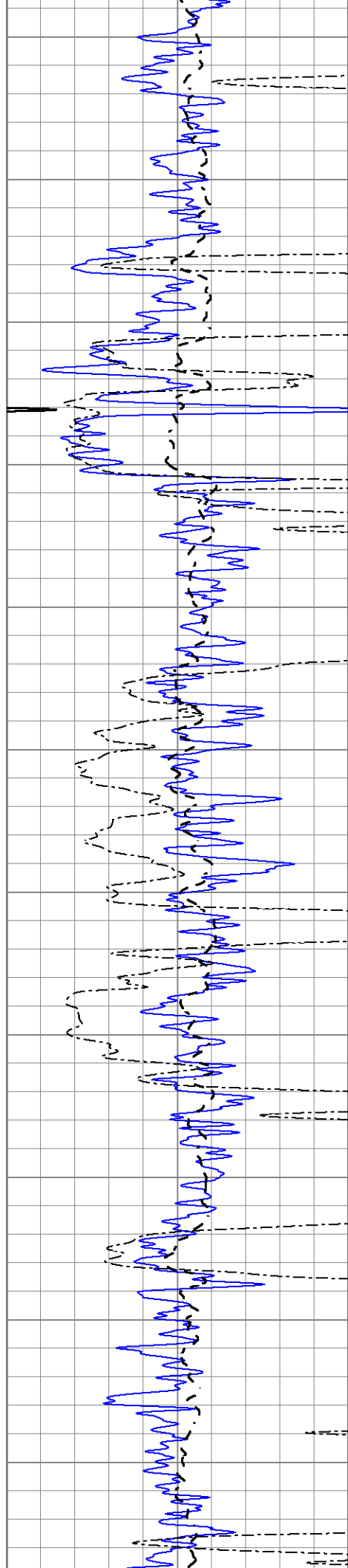
MAIN SECTION

0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
0	RWA (Ohm-m)	1	0	RILD (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500

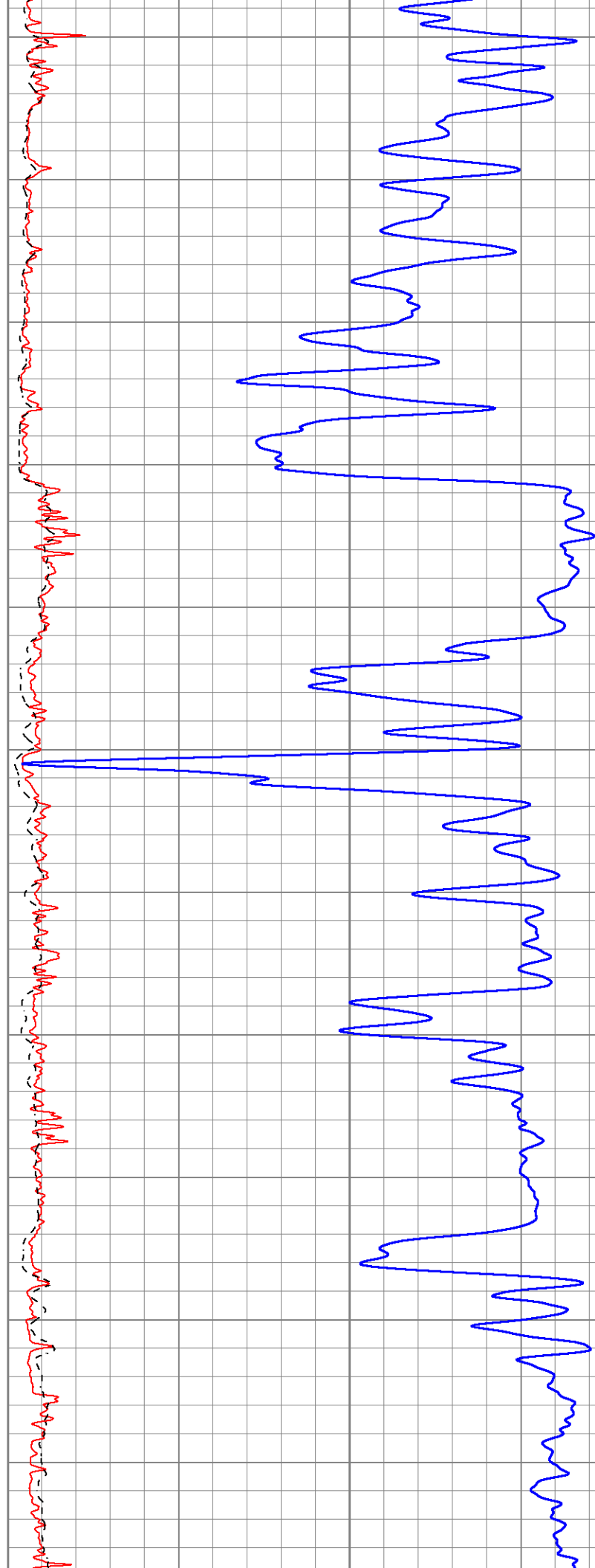


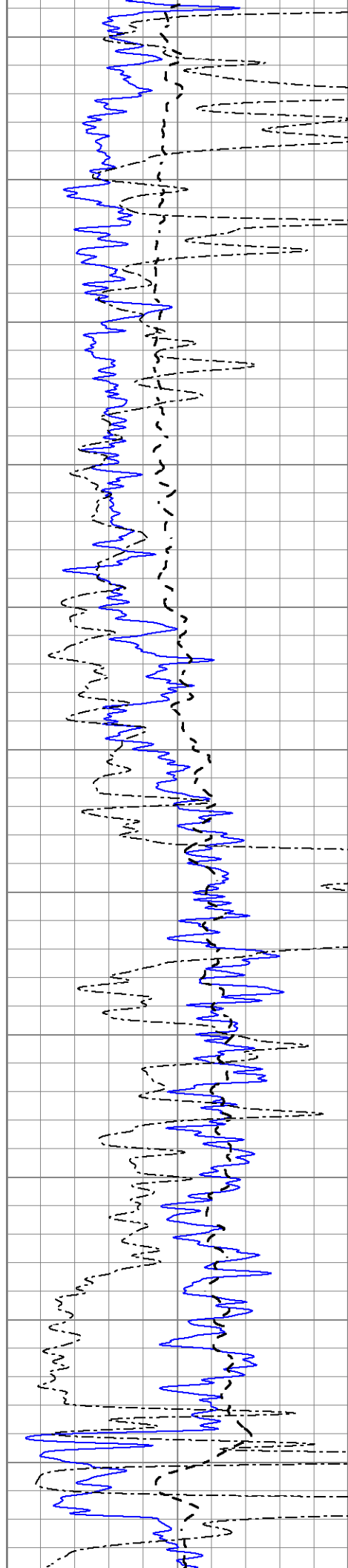
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500
550
600
650
700
750
800
850
900
950





1000
1050
1100
1150
1200
1250
1300
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1400
1450
1500





1550

1600

1650

1700

1750

1800

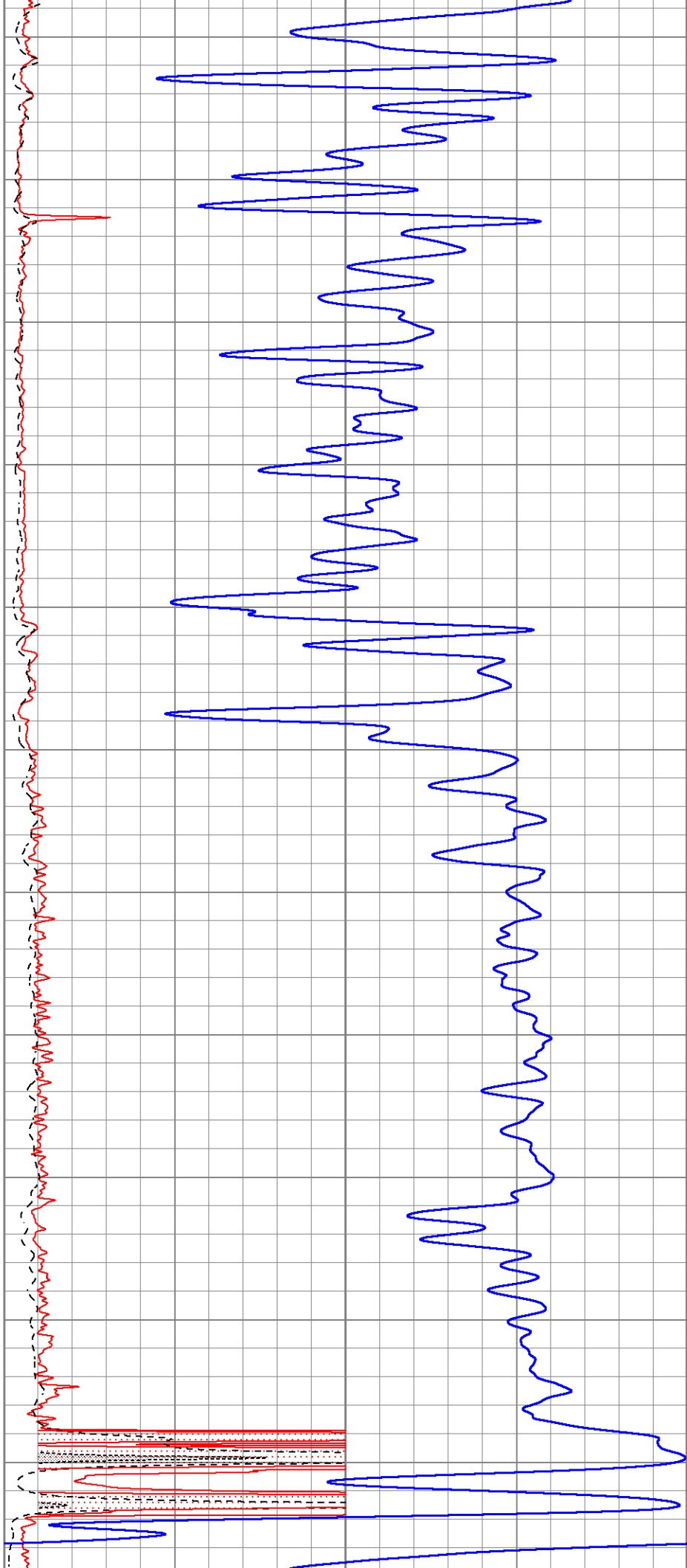
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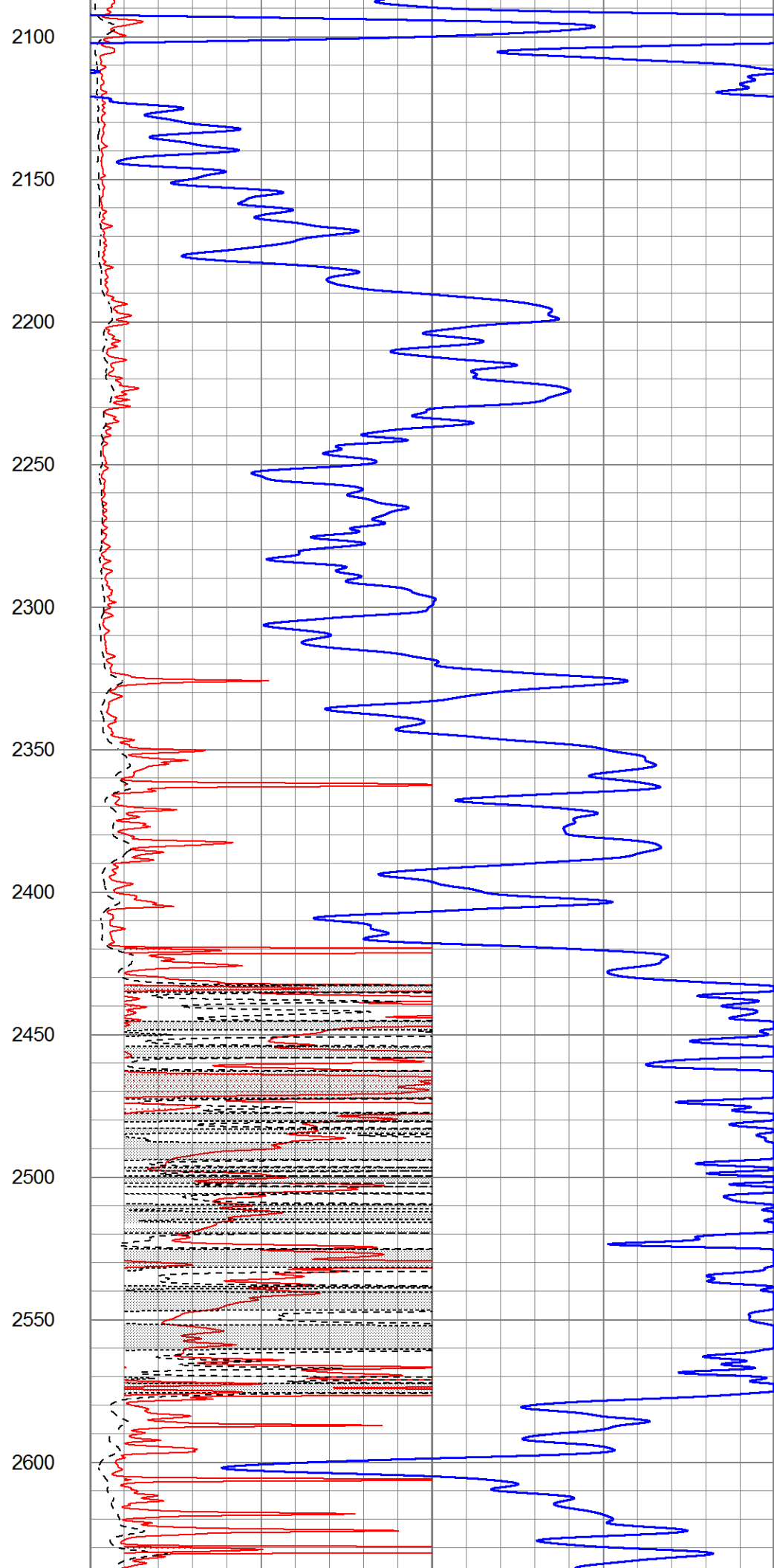
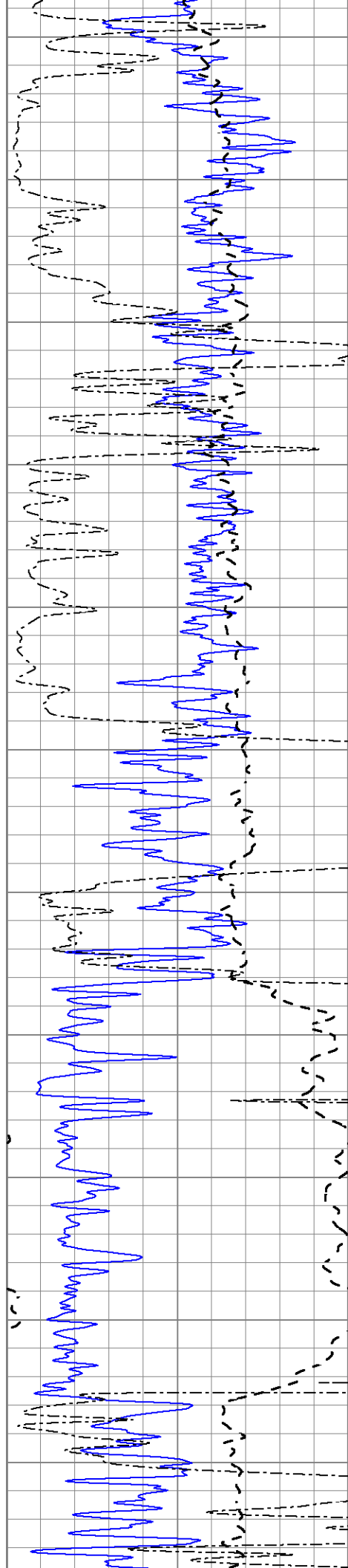
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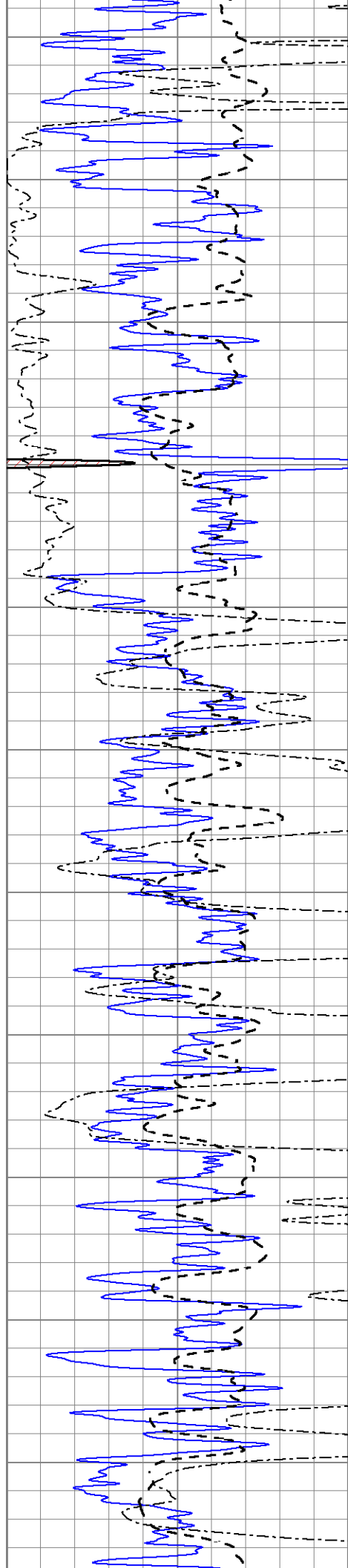
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2000

2050







2650

2700

2750

2800

2850

2900

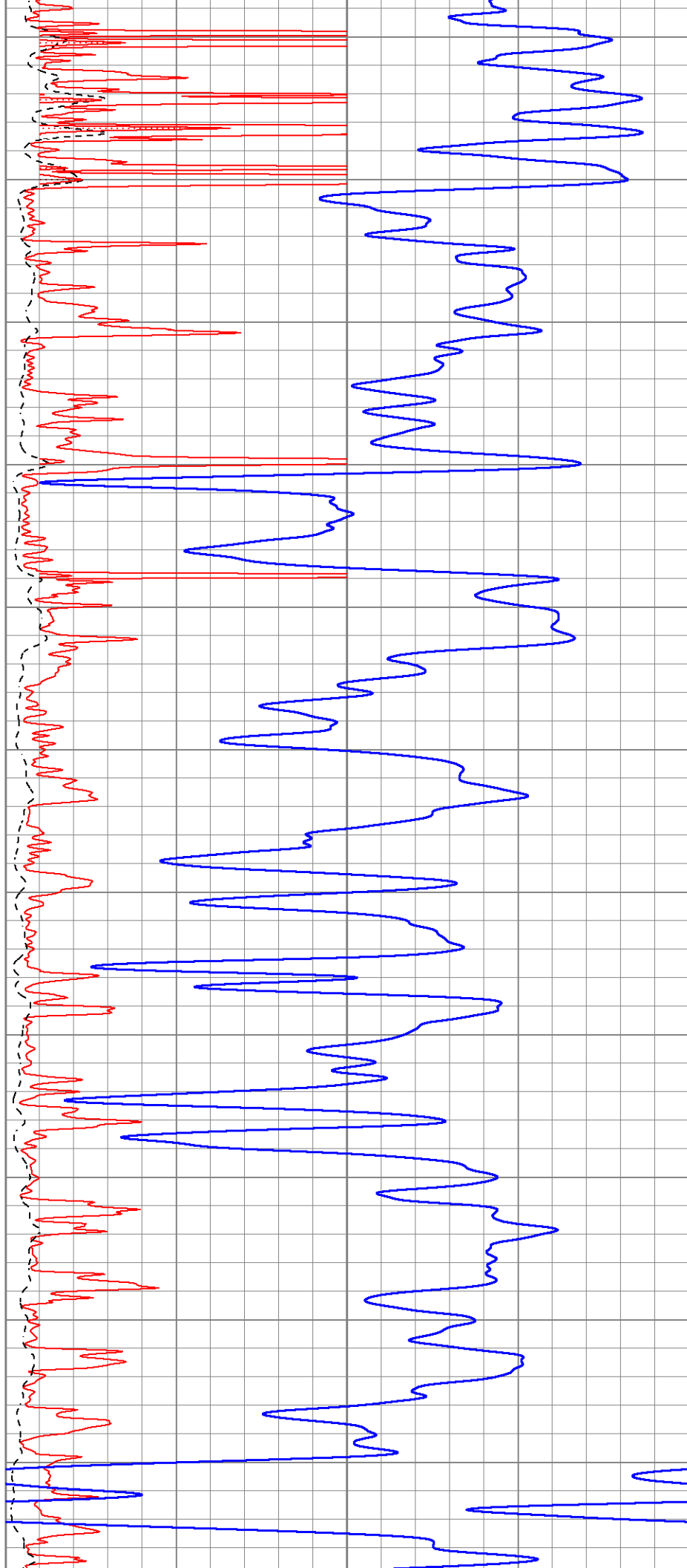
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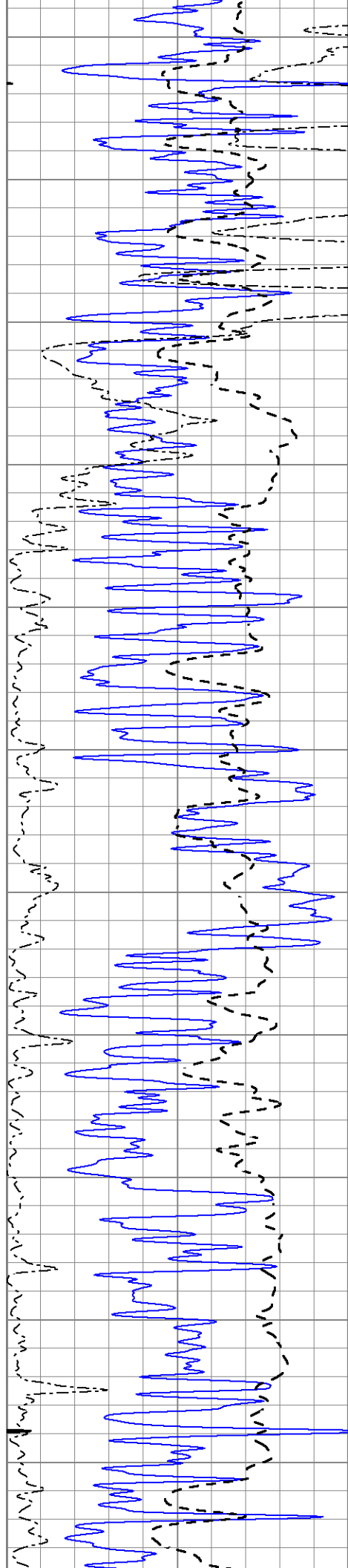
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3050

3100

3150





3200

3250

3300

3350

3400

3450

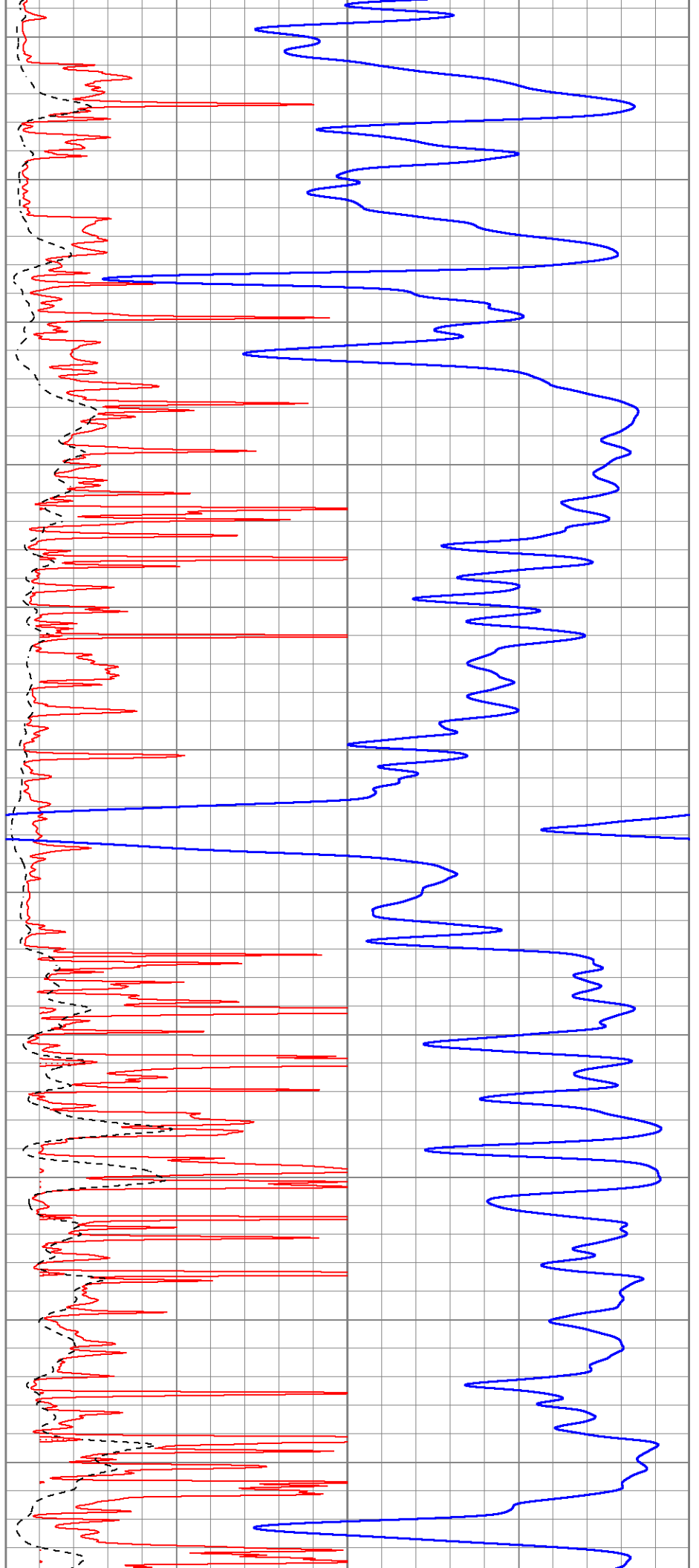
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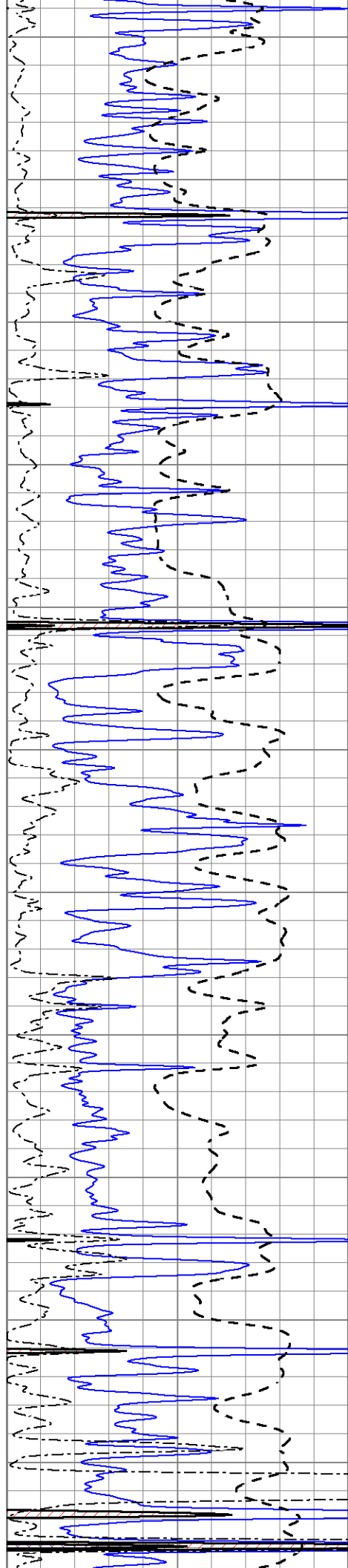
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3600

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3700





3750

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4000

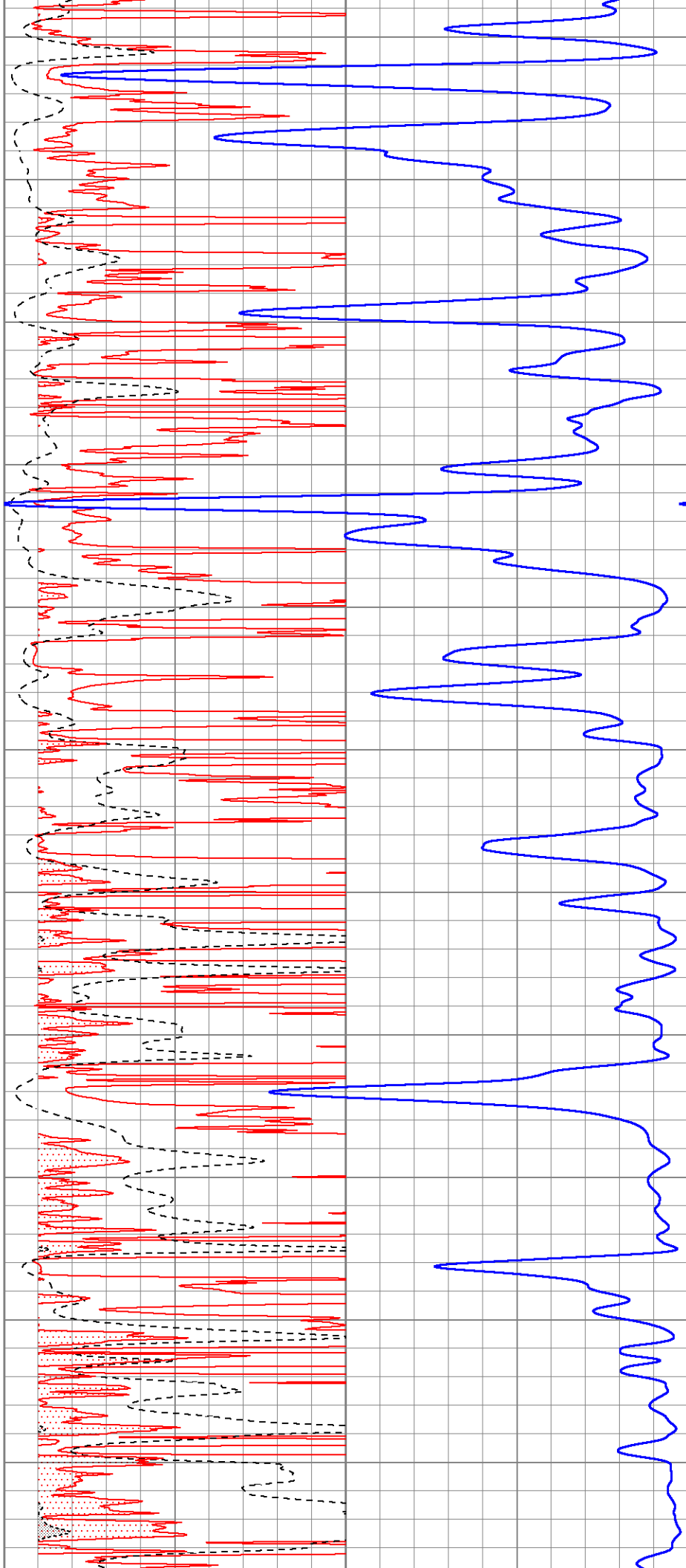
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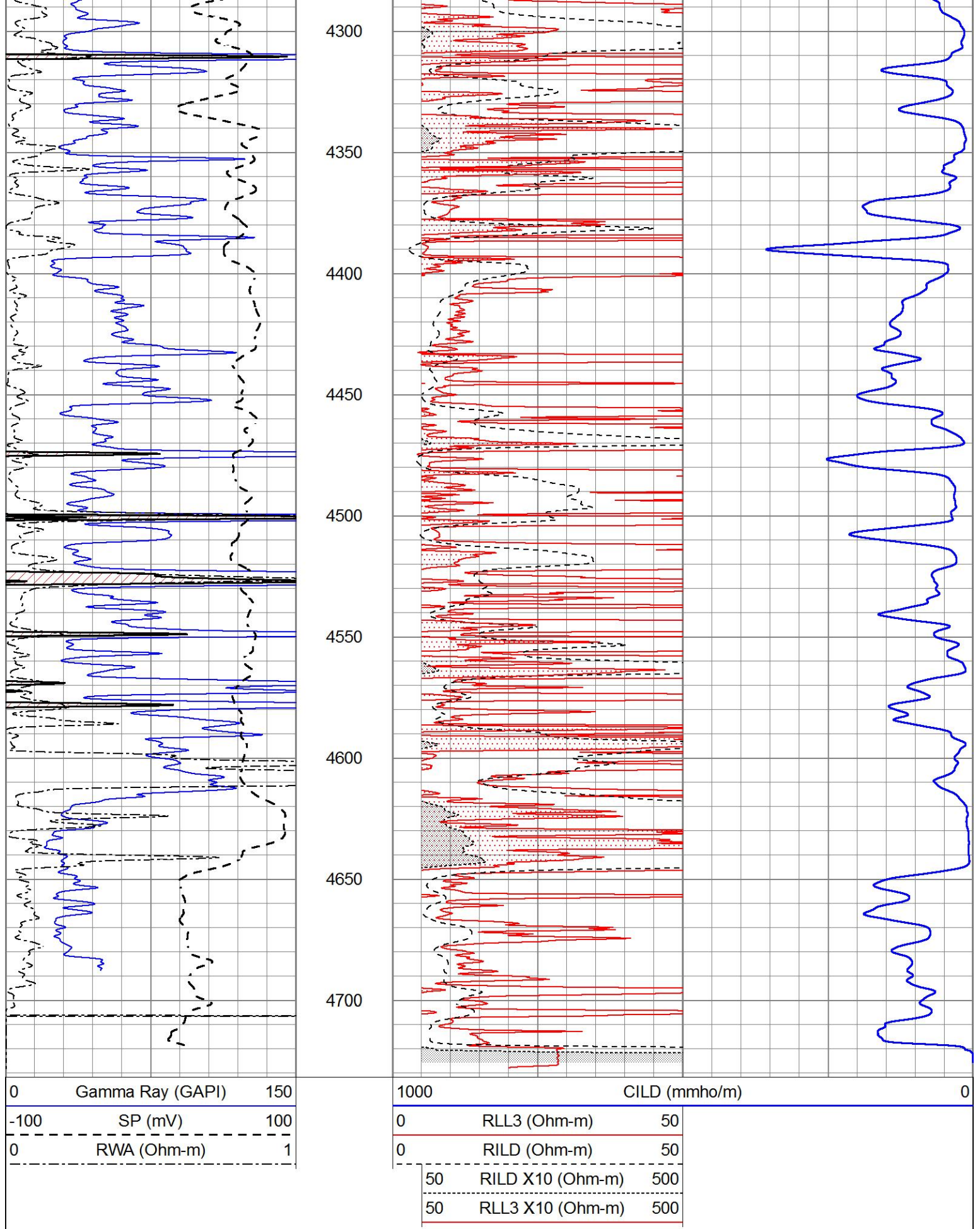
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4150

4200

4250



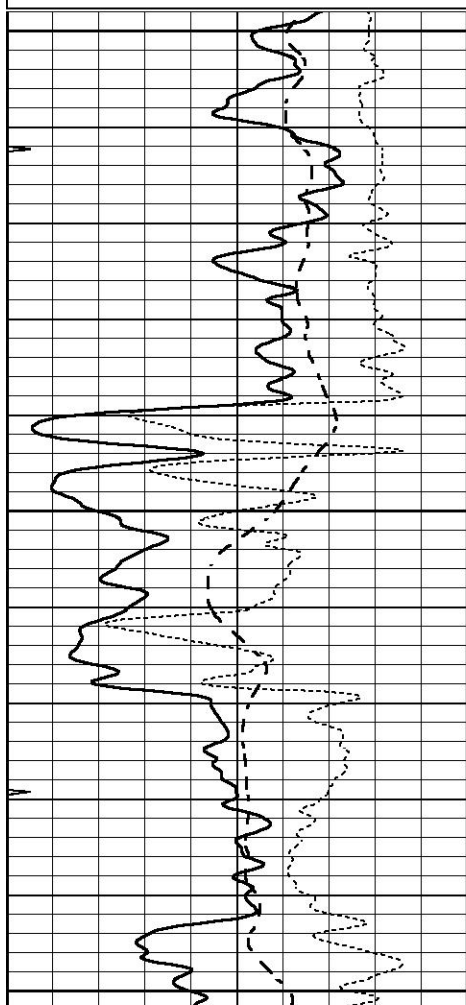


ANHYDRITE

Database File 6916ddn.db
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 Presentation Format _dil
 Dataset Creation Sat Sep 03 00:51:00 2022
 Charted by Depth in Feet scaled 1:240

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

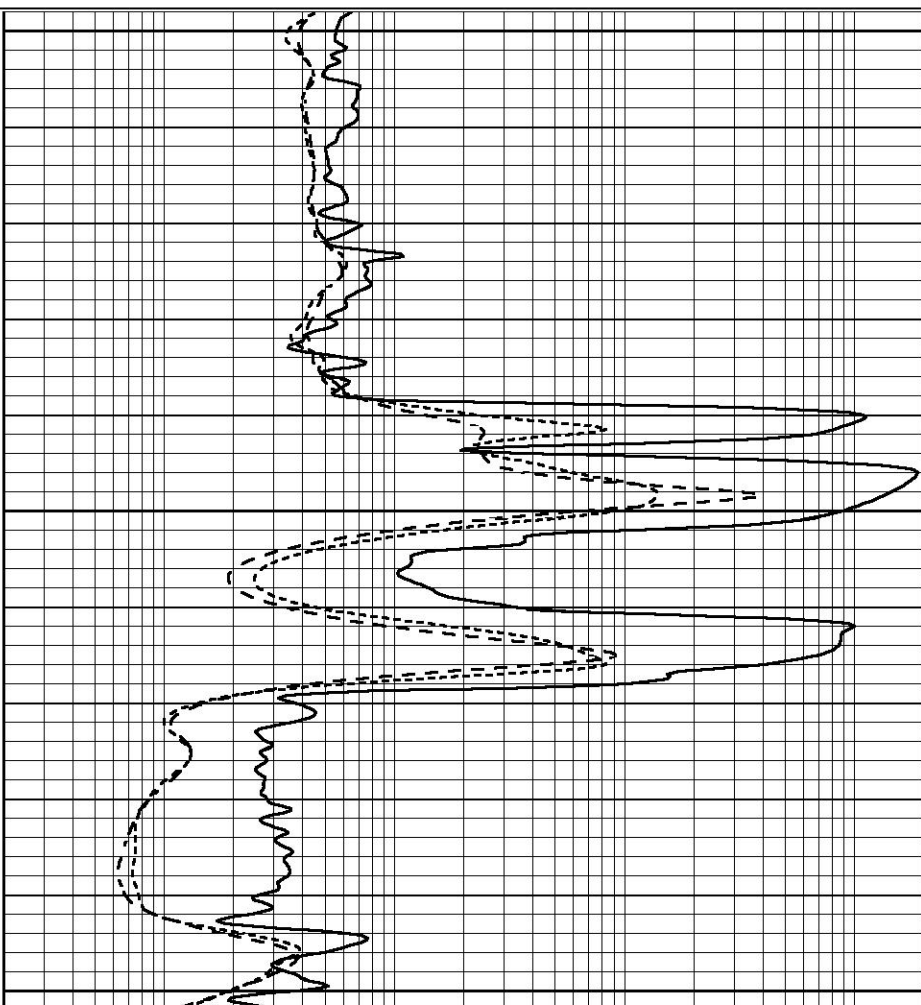
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000



2000

2050

2100



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

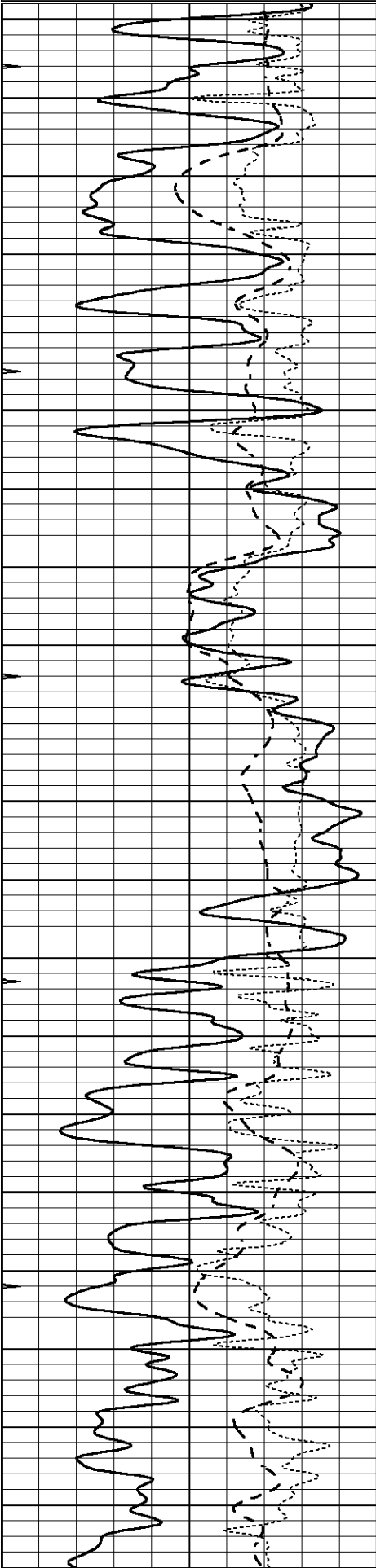
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000



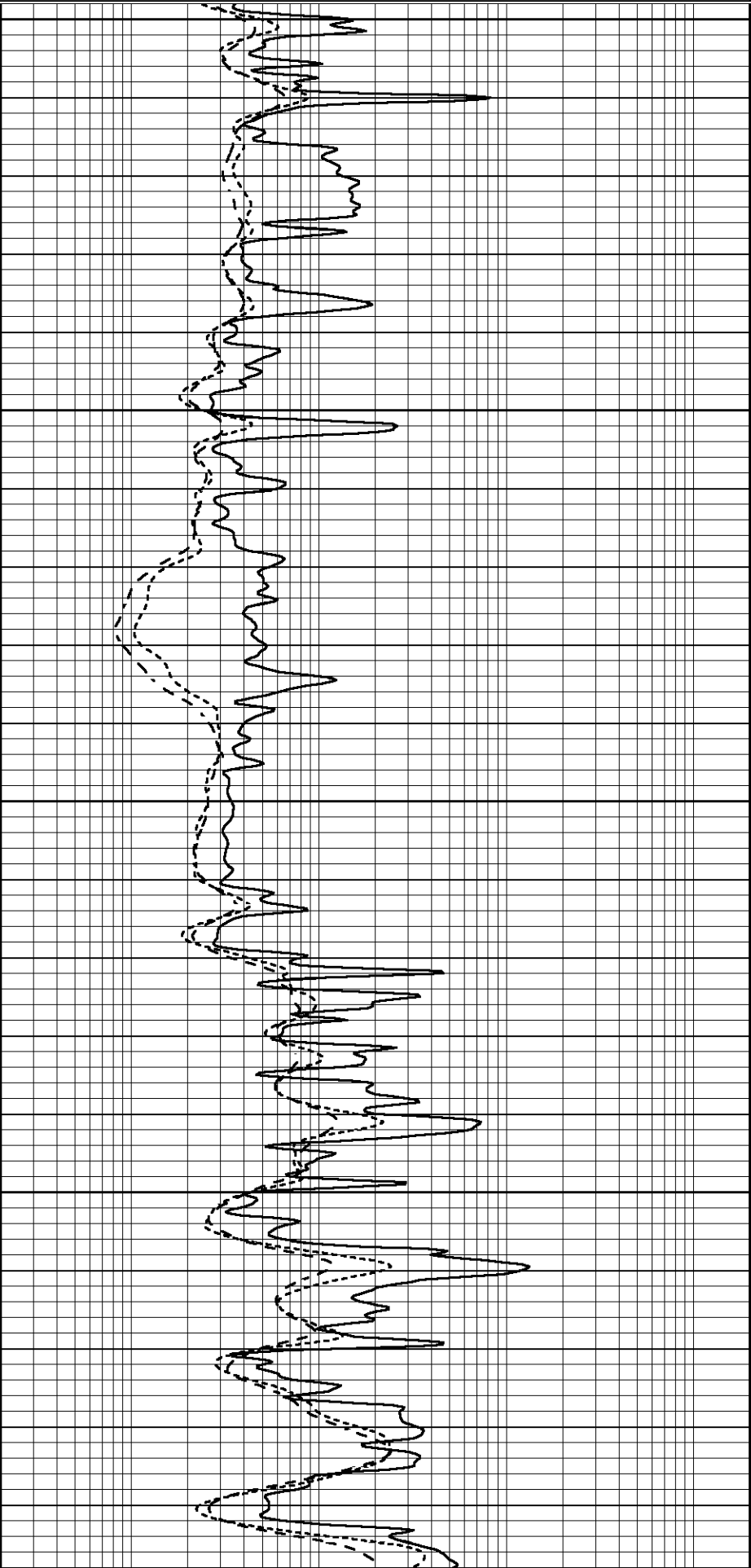
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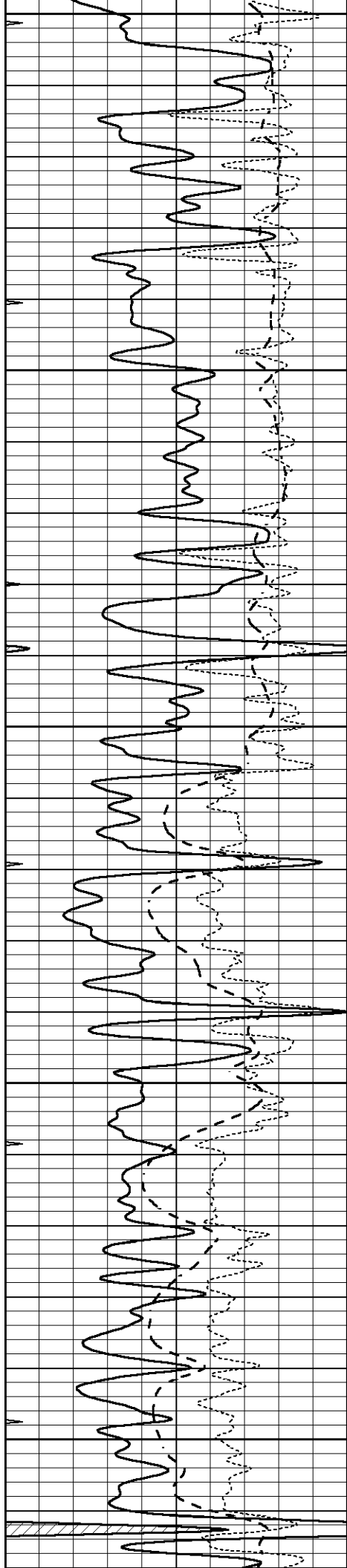
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 Dataset Pathname pass4.1M
 Presentation Format _dil
 Dataset Creation Sat Sep 03 00:50:45 2022
 Charted by Depth in Feet scaled 1:240

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-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





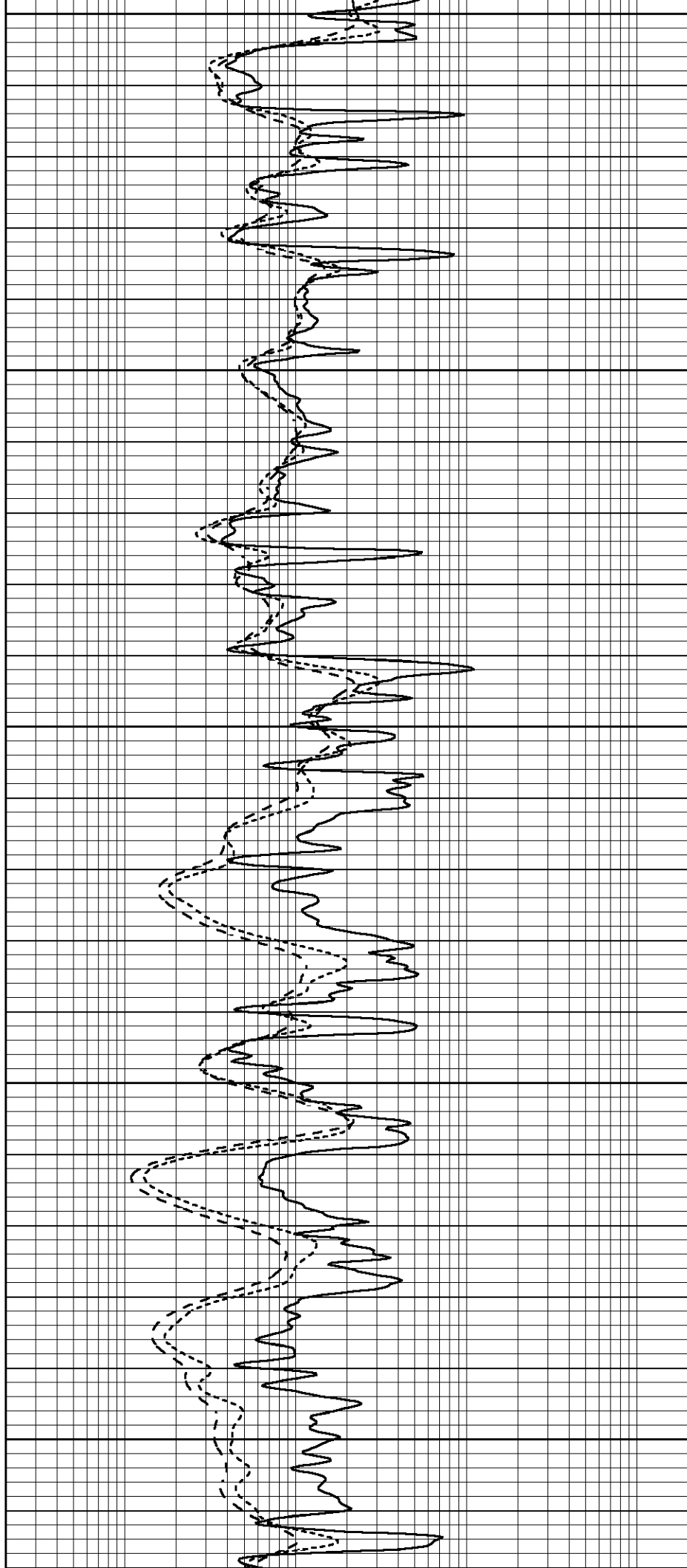
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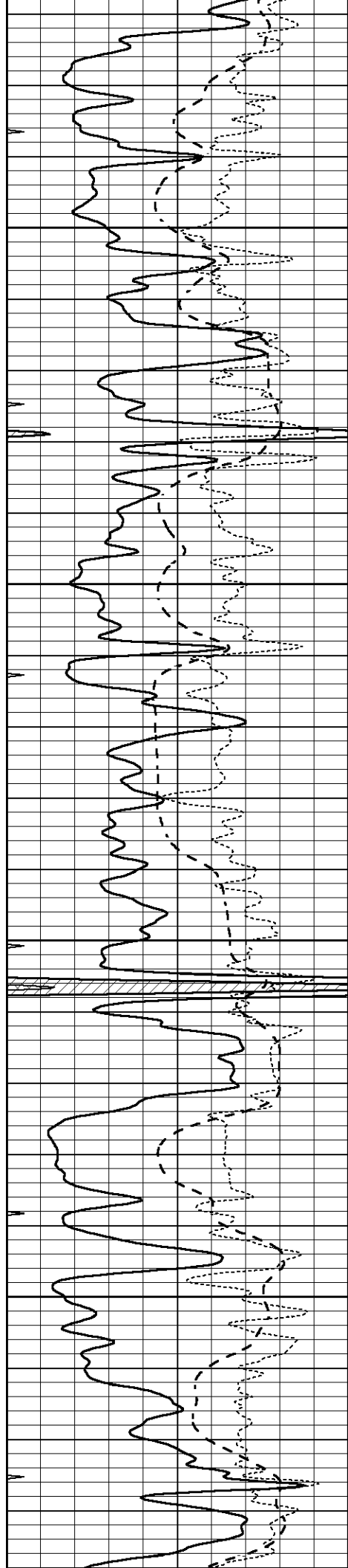
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3750

3800



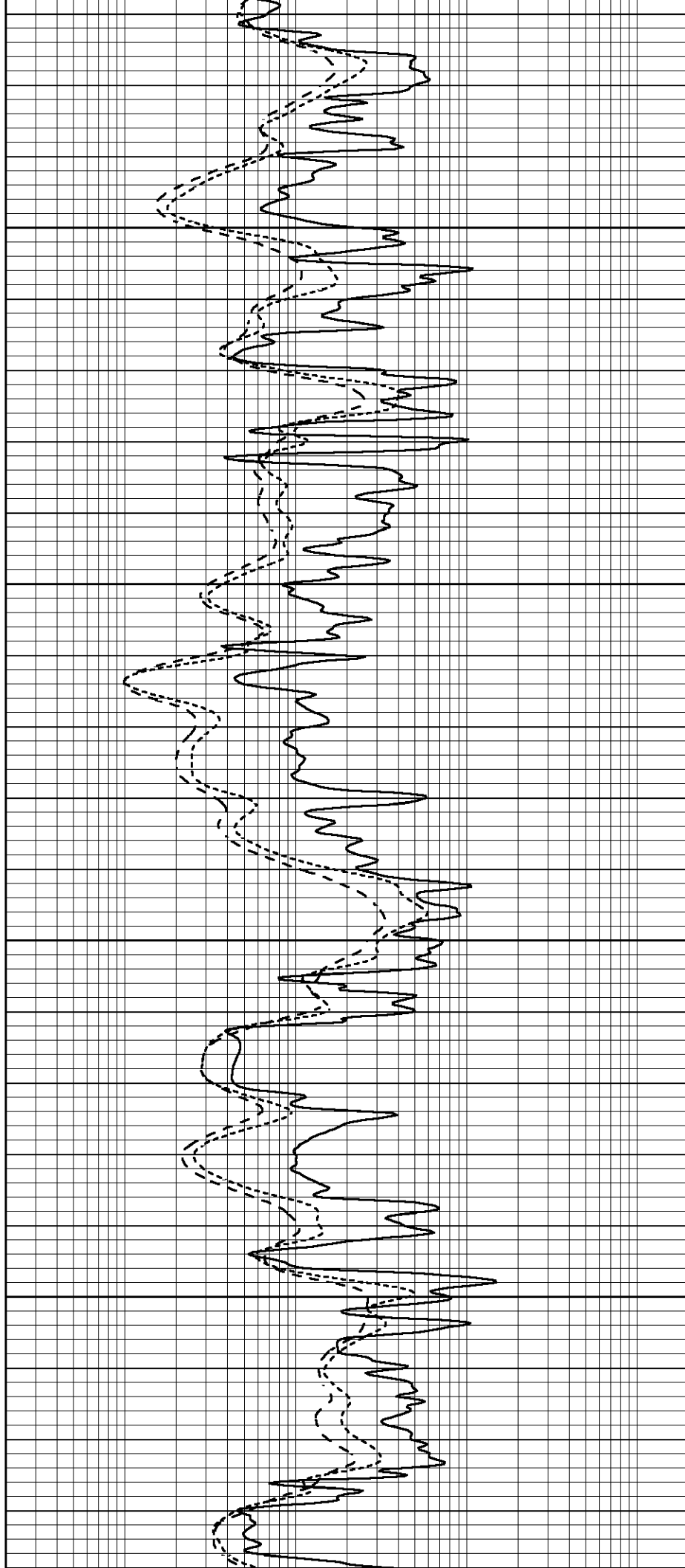


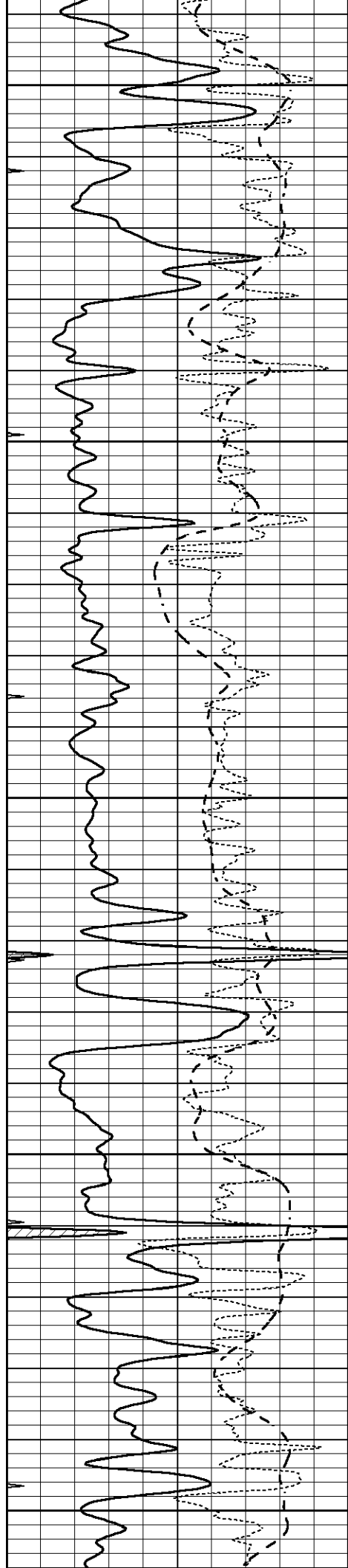
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3900

3950

4000





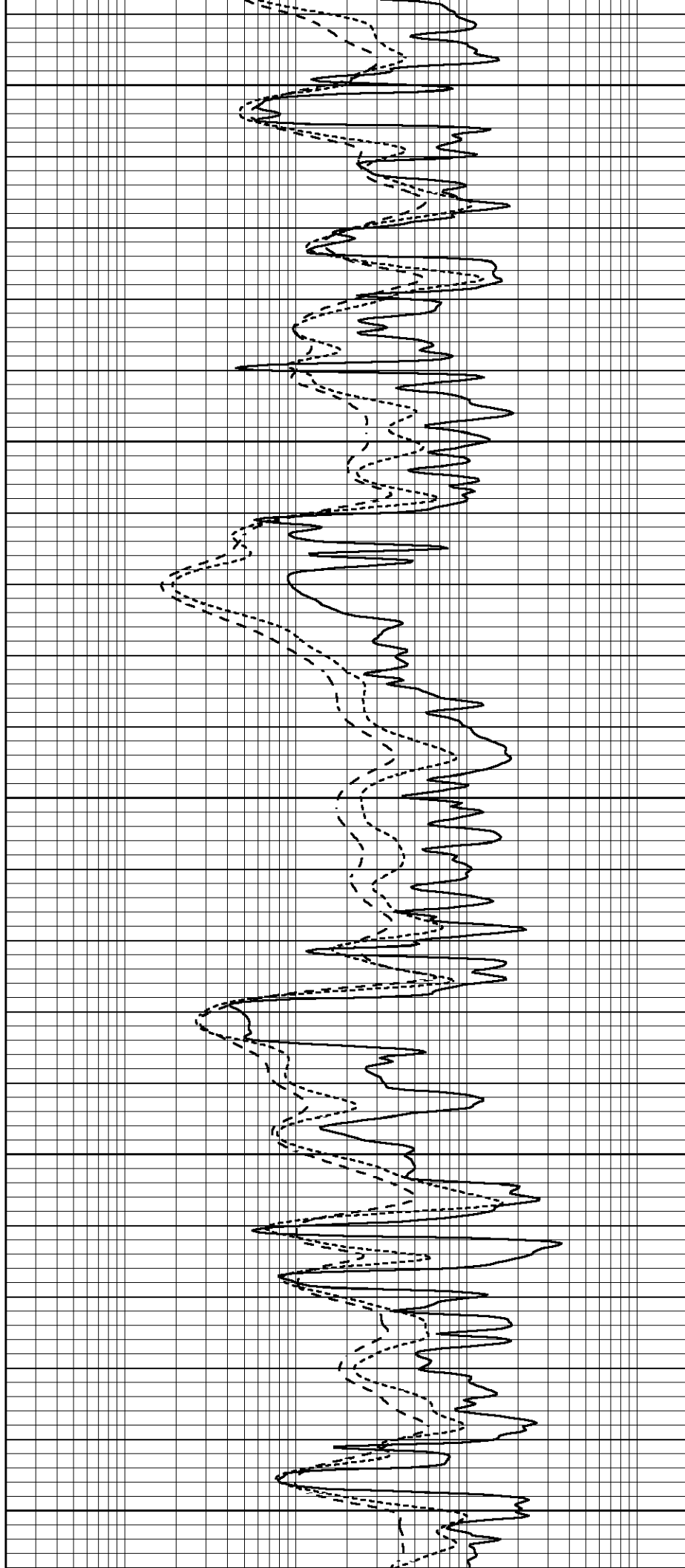
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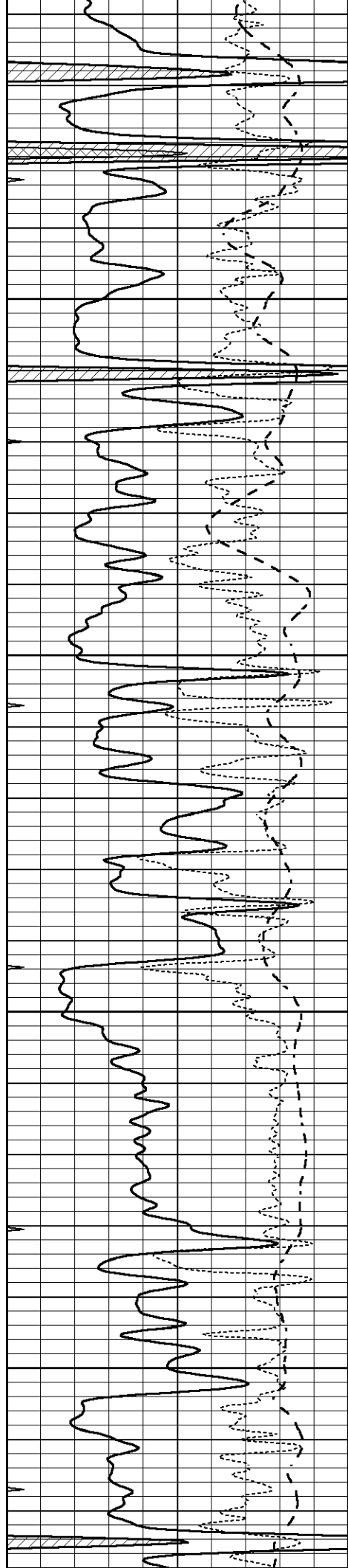
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4150

4200

4250



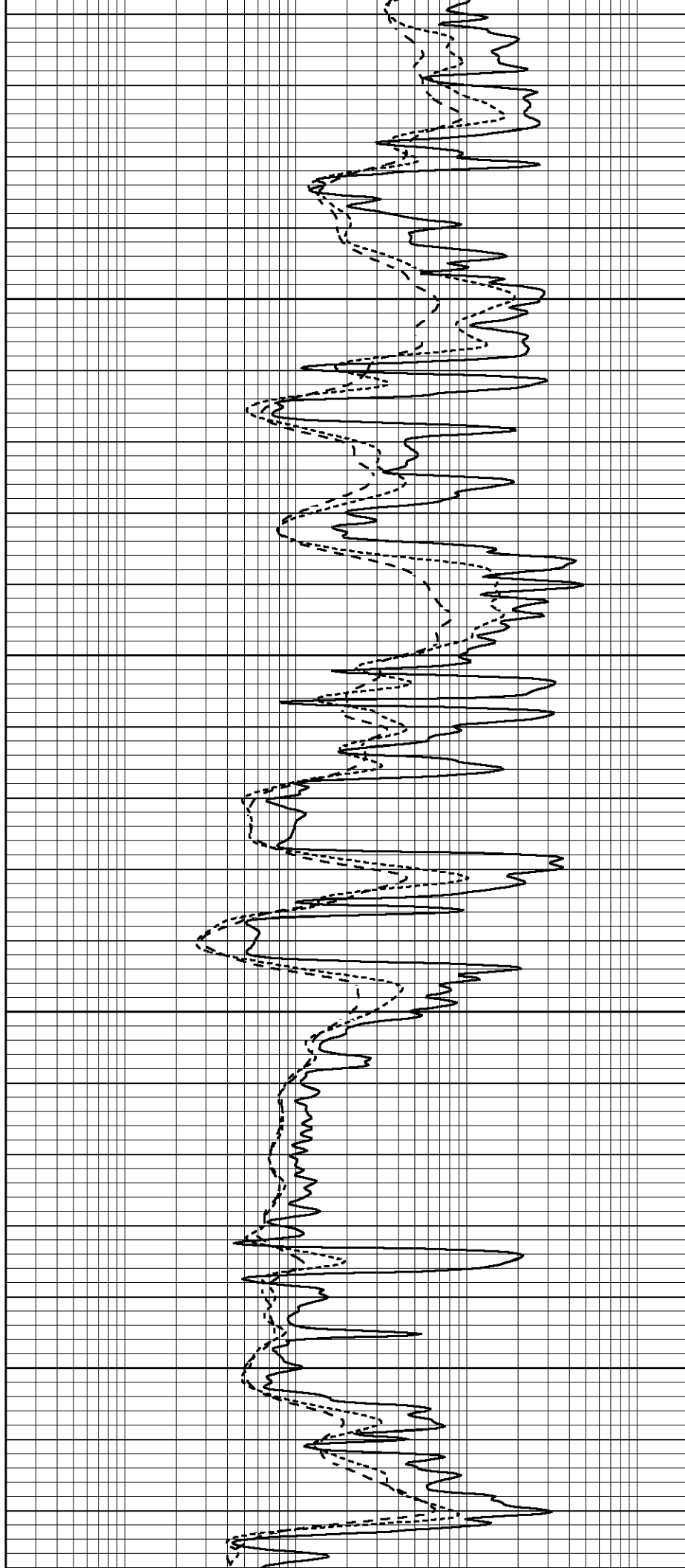


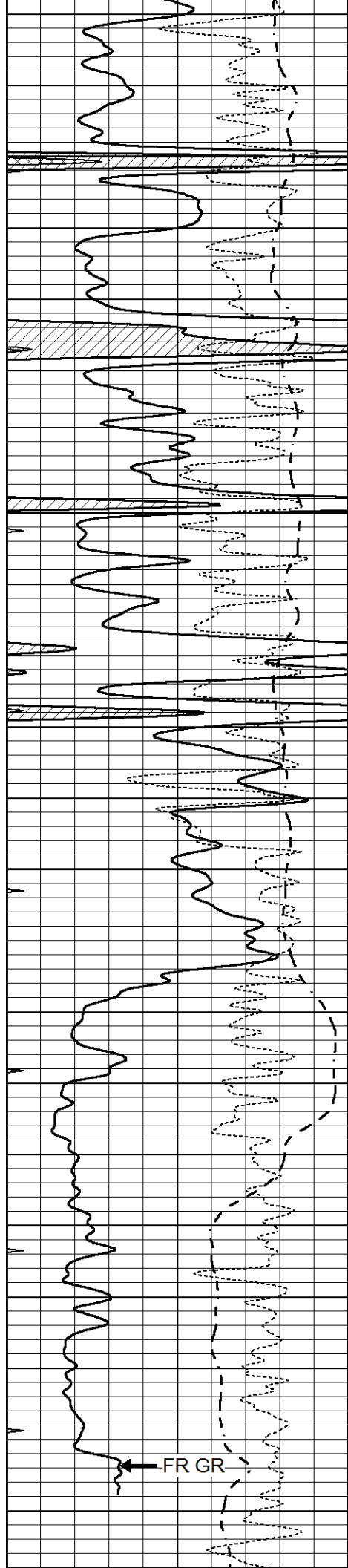
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4400

4450





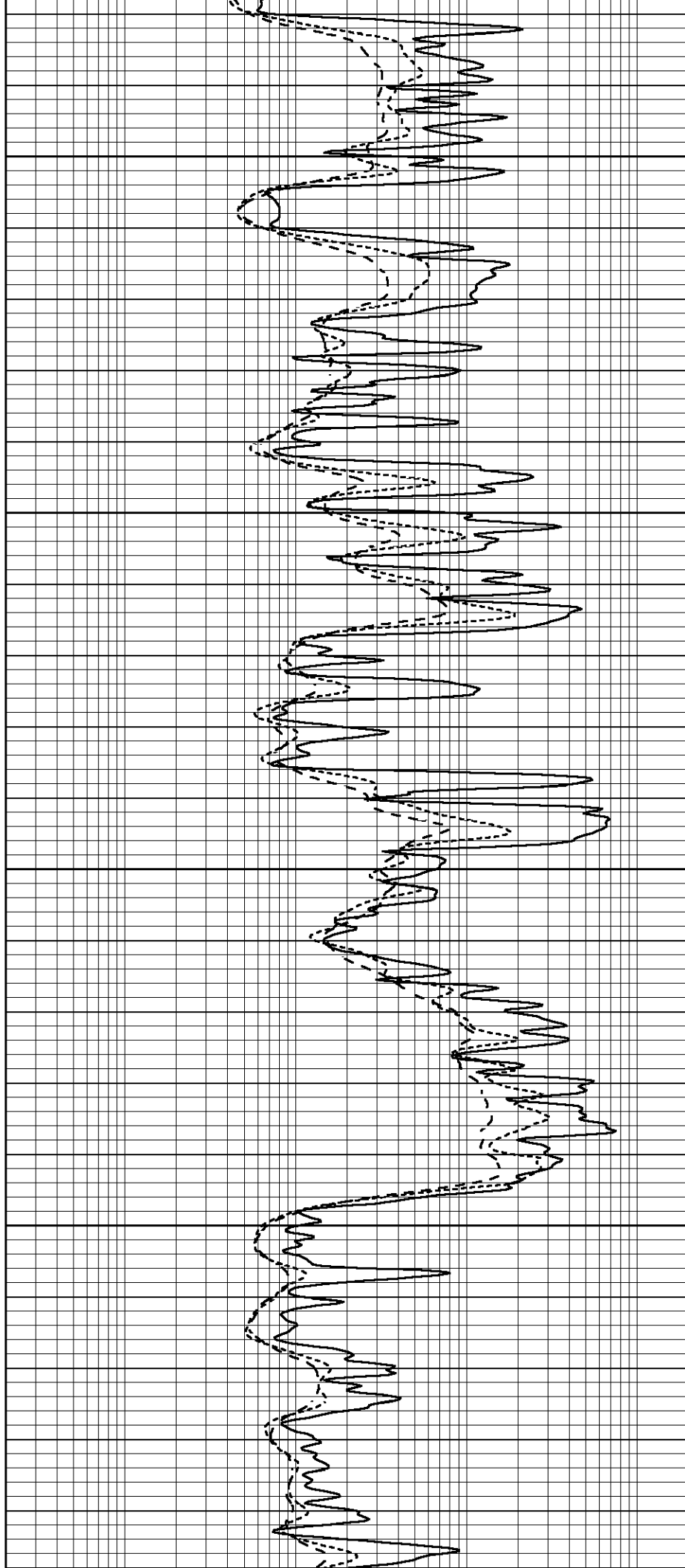
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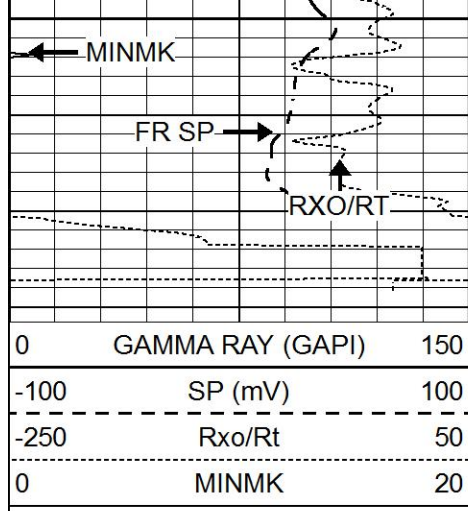
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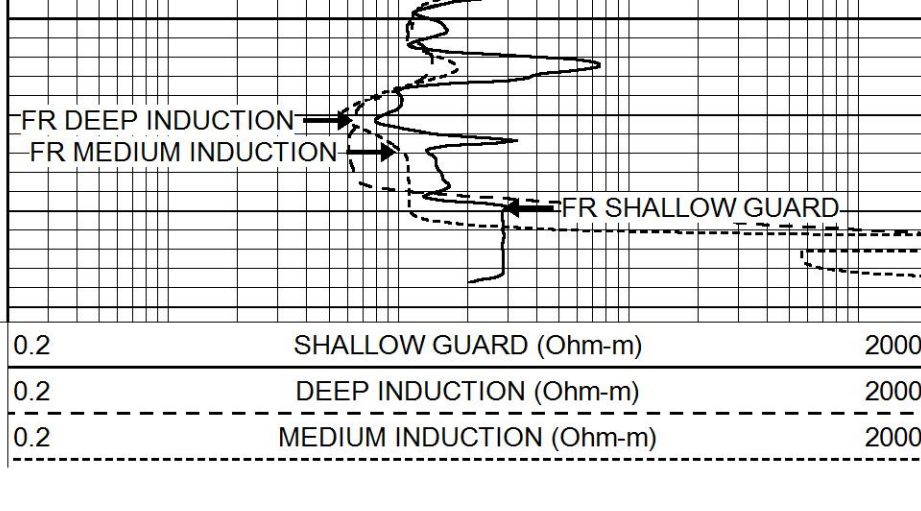
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FR GR



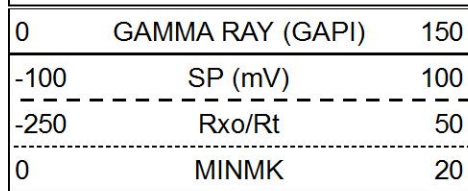


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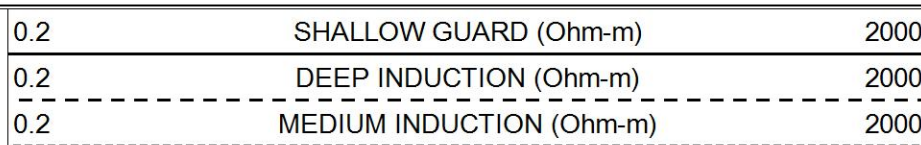


REPEAT SECTION

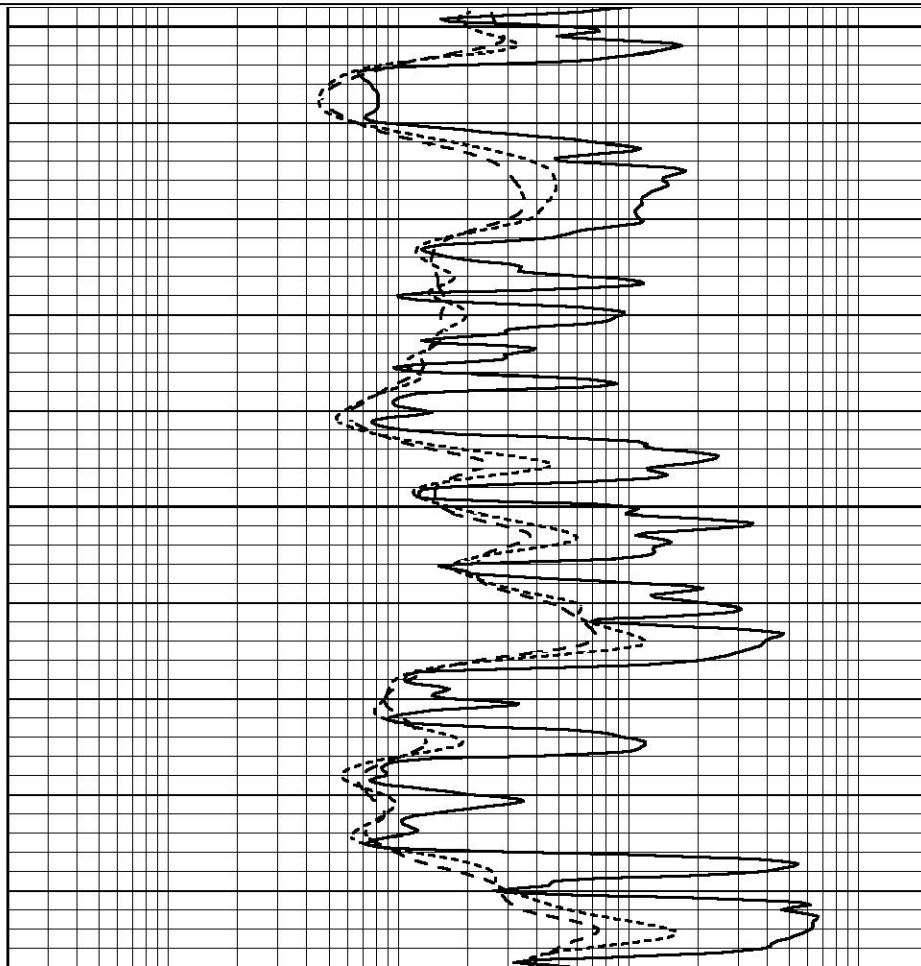
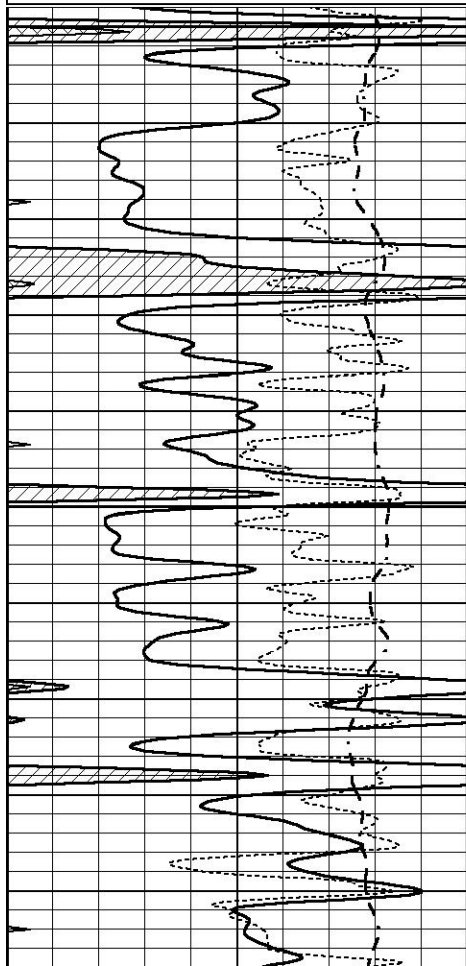
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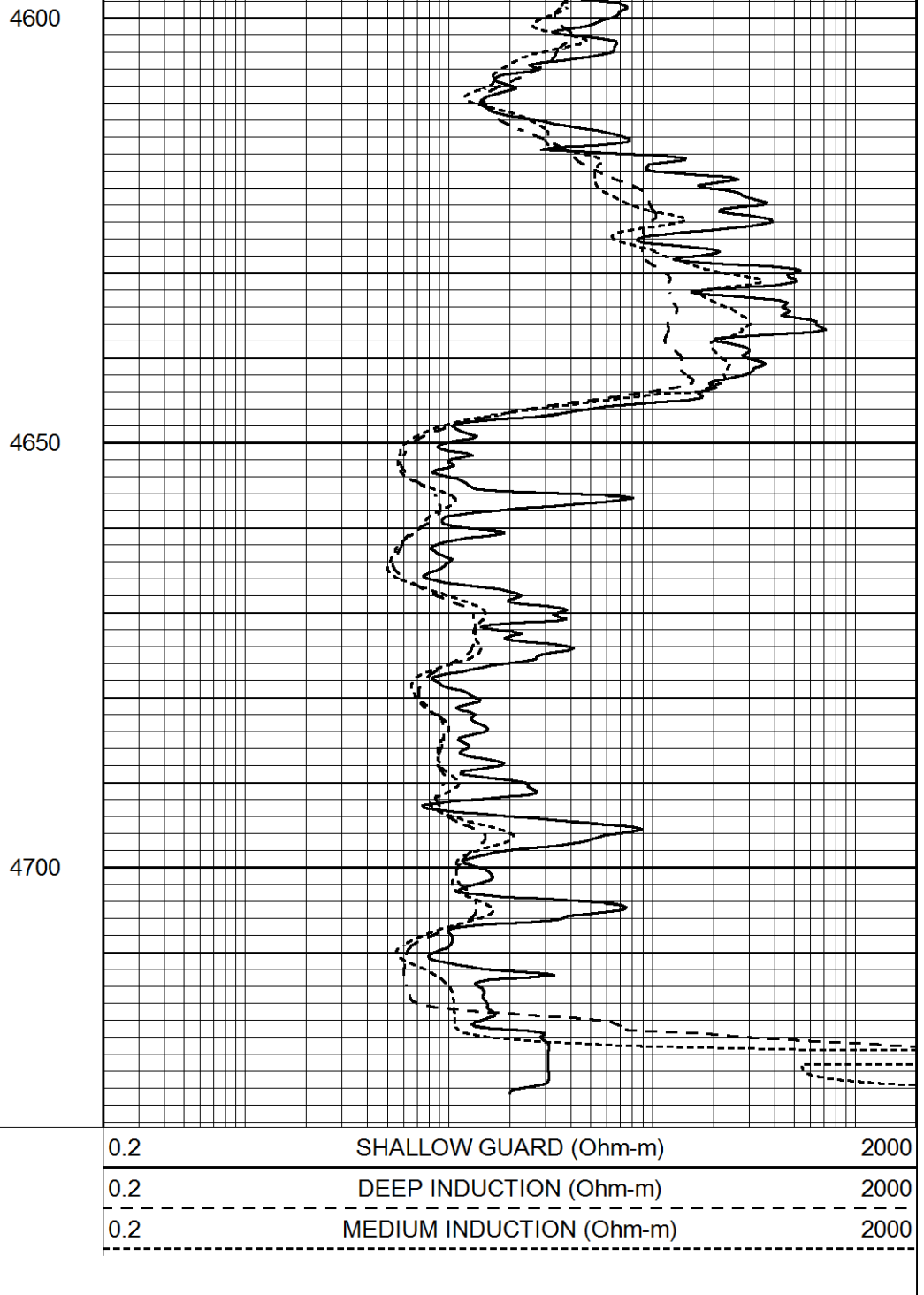
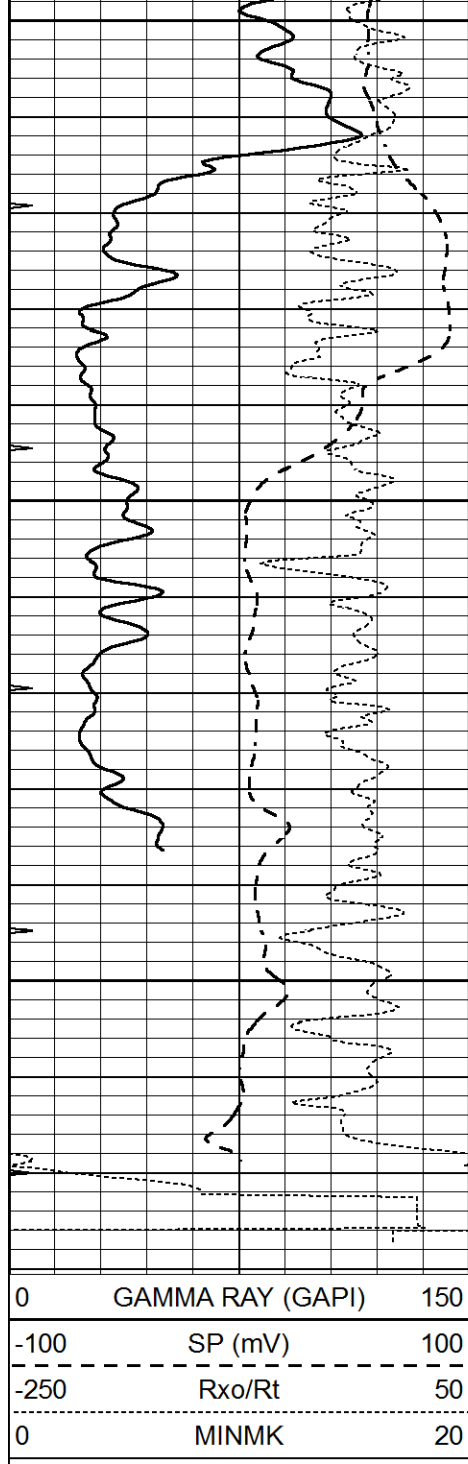


4500



4550





Calibration Report								
Database File	6916ddn.db							
Dataset Pathname	pass4.1M							
Dataset Creation	Sat Sep 03 00:50:45 2022							
Dual Induction Calibration Report								
Serial-Model:			PROBE8-DILG					
Surface Cal Performed:			Fri Sep 02 23:18:03 2022					
Downhole Cal Performed:			Mon Jul 28 11:08:27 2008					
After Survey Verification Performed:			Mon Jul 28 11:08:27 2008					
Surface Calibration								
		Readings		References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	640.000	6.000
Medium	0.029	0.796	V	0.000	464.000	mmho/m	630.000	8.000

Medium	0.029	0.790	V	0.000	404.000	mmho/m	630.000	-8.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739
Downhole Calibration								
	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	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	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
LL3		1.000	Ohm-m		1.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		
Litho Density Calibration Report								
Serial: 004 Model: PRB								
Master Calibration			Performed Tue Aug 02 11:29:35 2022					
	Background	Magnesium		Aluminum	Aluminum+Fe			
Window 1	1154.2	10019.5		3137.9	2795.6			cps
Window 2	1054.4	8597.6		2733.4	2469.5			cps
Window 3	902.3	5241.4		1832.1	1719.3			cps
Window 4	251.9	261.1		255.8	252.9			cps
Long Space	0.0	7543.2		1679.0	1415.0			cps
Short Space	4.4	2049.3		1321.7	1116.8			cps
Rho		1.7100		2.5900	0.0000			g/cc
Pe		2.0000		2.7500	5.7900			
Rib Angle	: 43.7	Rib Slope	: 0.957	Density/Spine Ratio			: 0.562	
Spine Angle	: 73.7	Spine Slope	: 3.426	Spine Intercept			: -17.2	
Before Survey Verification			Performed Wed Dec 31 18:00:00 1969					
Window 1	0.0	0.0		0.0	0.0			cps
Window 2	0.0	0.0		0.0	0.0			cps
Window 3	0.0	0.0		0.0	0.0			cps
Window 4	0.0	0.0		0.0	0.0			cps
Long Space	0.0	0.0		0.0	0.0			cps
Short Space	0.0	0.0		0.0	0.0			cps
Measured Rho		0.0000		0.0000	0.0000			g/cc
Measured Correction		0.0000		0.0000	0.0000			g/cc
Measured Pe				0.0000	0.0000			
After Survey Verification			Performed Wed Dec 31 18:00:00 1969					
Window 1	0.0	0.0		0.0	0.0			cps

Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	

Compensated Neutron Calibration Report

Serial Number:	070808PMC
Tool Model:	NABORS

PRE-SURVEY VERIFICATION				
Detector	Readings	Measured	Target	
Short Space	cps			
Long Space	cps	pu	pu	

POST-SURVEY VERIFICATION				
Detector	Readings	Measured	Target	
Short Space	cps			
Long Space	cps	pu	pu	

Gamma Ray Calibration Report

Serial Number:	070558	
Tool Model:	OPEN_GR	
Performed:	Fri Sep 02 23:18:15 2022	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.3000	GAPI/cps