

DUAL INDUCTION LOG

Company	BLUERIDGE PETROLEUM CORPORATION	Company	BLUERIDGE PETROLEUM CORPORATION
Well	NAOMI #1-35	Well	NAOMI #1-35
Field	WILDCAT	Field	WILDCAT
County	NESS	County	NESS
State	KANSAS	State	KANSAS
Location:	API # : 15-135-26101-0000	Permanent Datum	GROUND LEVEL
	1583' FSL & 791' FEL	Log Measured From	KELLY BUSHING
	SE - SW - NE - SE	Drilling Measured From	KELLY BUSHING
	SEC 35 TWP 20S RGE 22W		
		Elevation	2162
		K.B. 2170	
		D.F. 2168	
		G.L. 2162	
Date	5/13/21		
Run Number	ONE		
Depth Driller	4385		
Depth Logger	4388		
Bottom Logged Interval	4386		
Top Log Interval	00		
Casing Driller	8 5/8"@1354'		
Casing Logger	1354		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES	7.200 PPM
Density / Viscosity	9.4/48		
pH / Fluid Loss	9.0/10.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.450@85F		
Rmf @ Meas. Temp	.338@85F		
Rmc @ Meas. Temp	.540@85F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.319@120F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	4:00 P.M.		
Maximum Recorded Temperature	120F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JIM MUSGROVE		

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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.

15-135-26101-0000

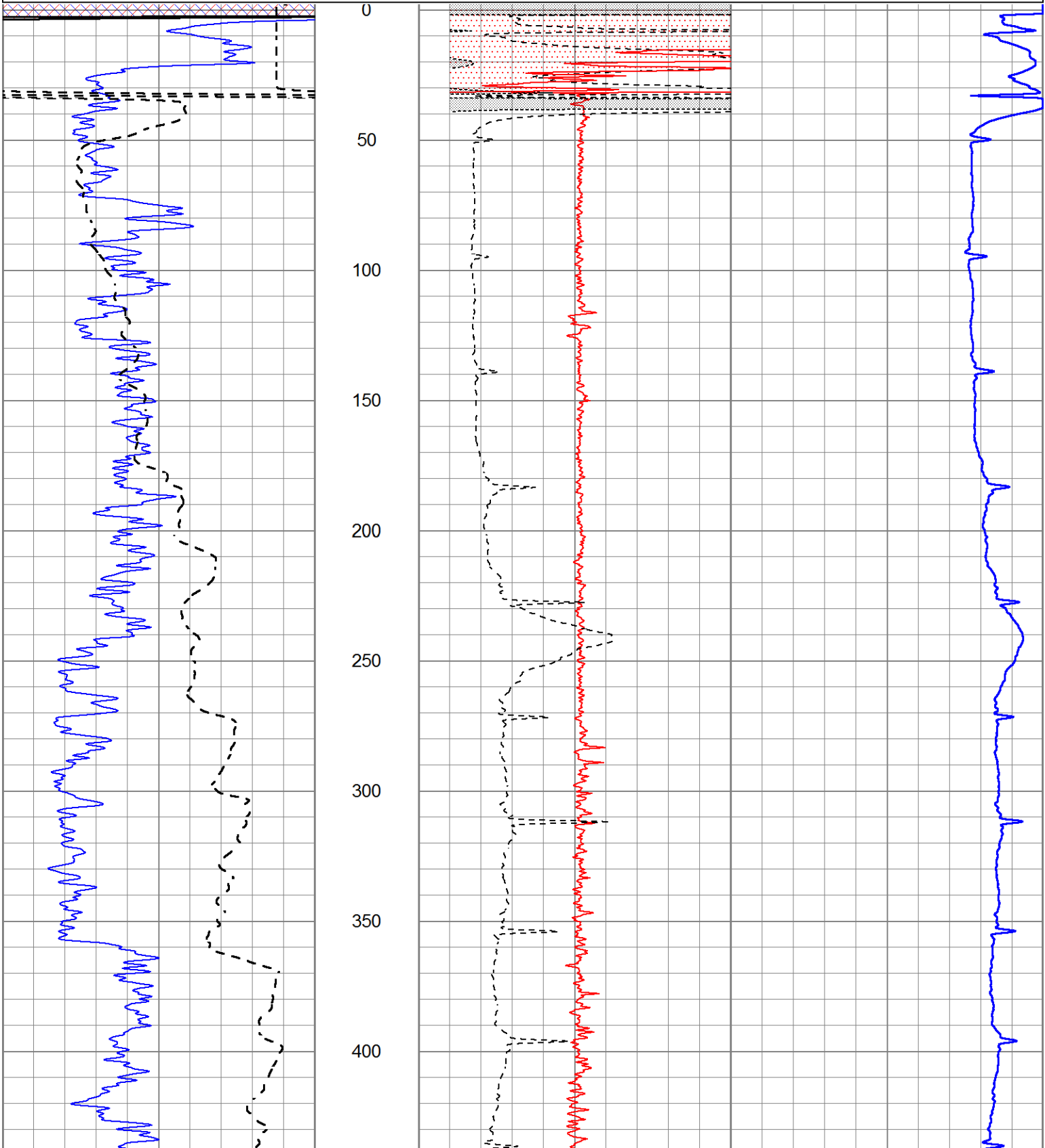
Comments

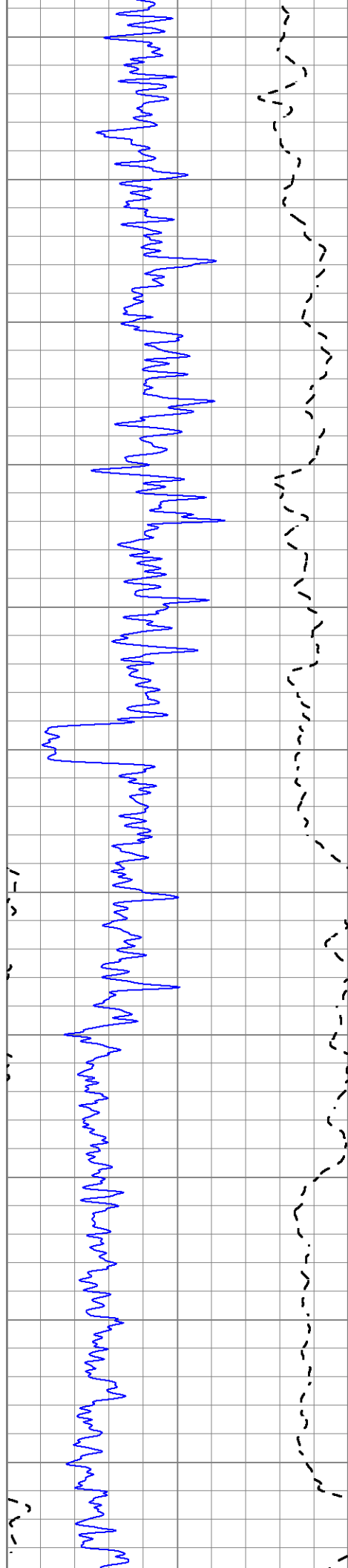
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
BAZINE, KS., (HWY 96 & W. EDGE) 11S. TO "RD. 20", 1W. TO "RD. CC", 1 3/4 S., W. INTO JUST PAST
RIVER BRIDGE



MAIN SECTION

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





450

500

550

600

650

700

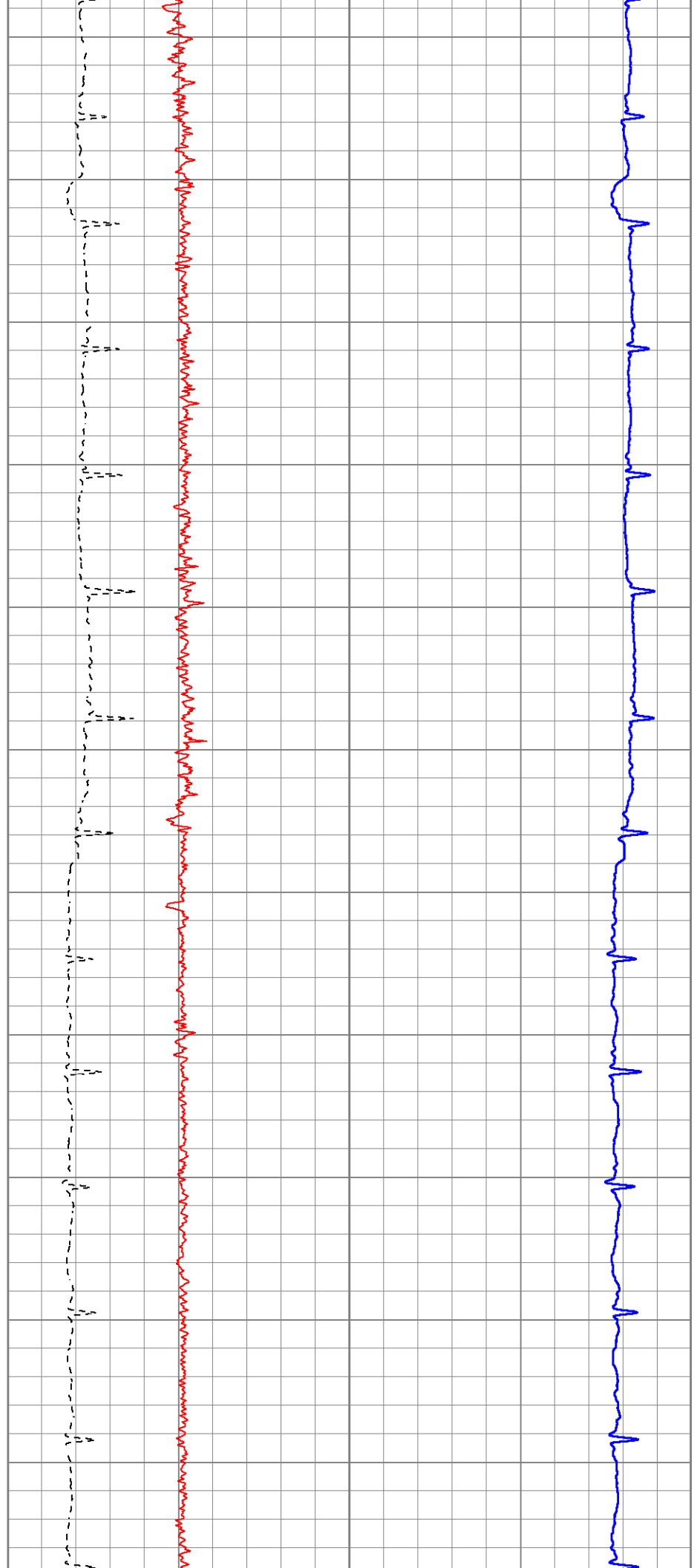
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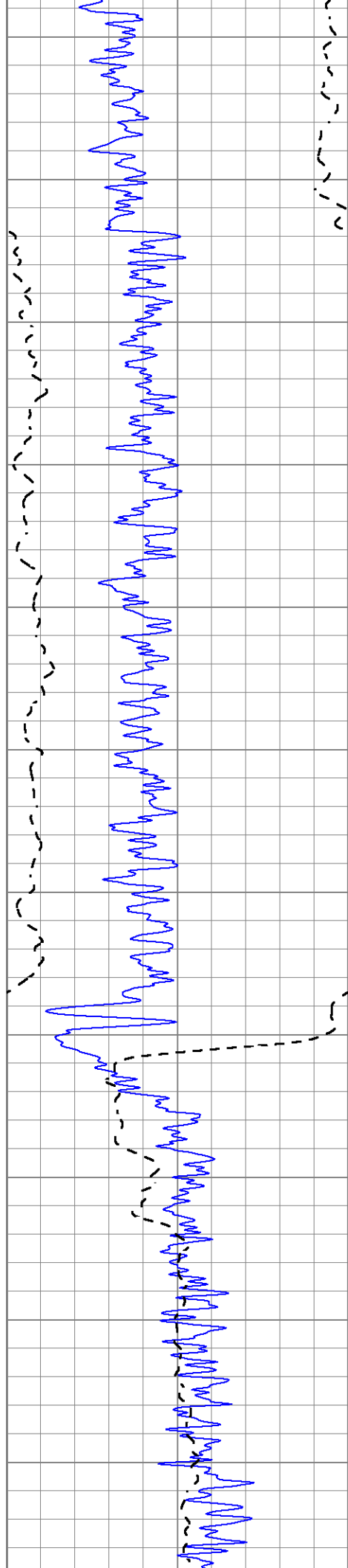
800

850

900

950





1000

1050

1100

1150

1200

1250

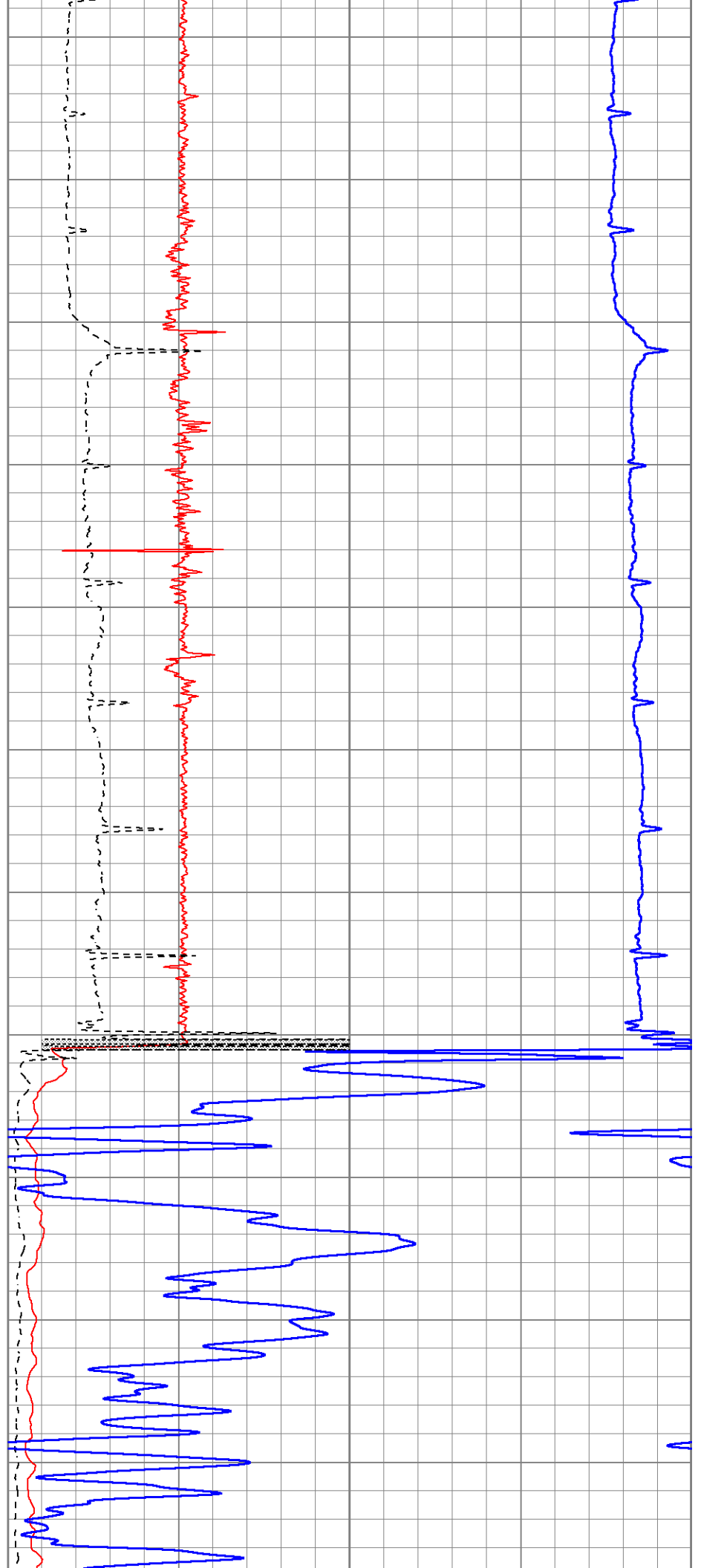
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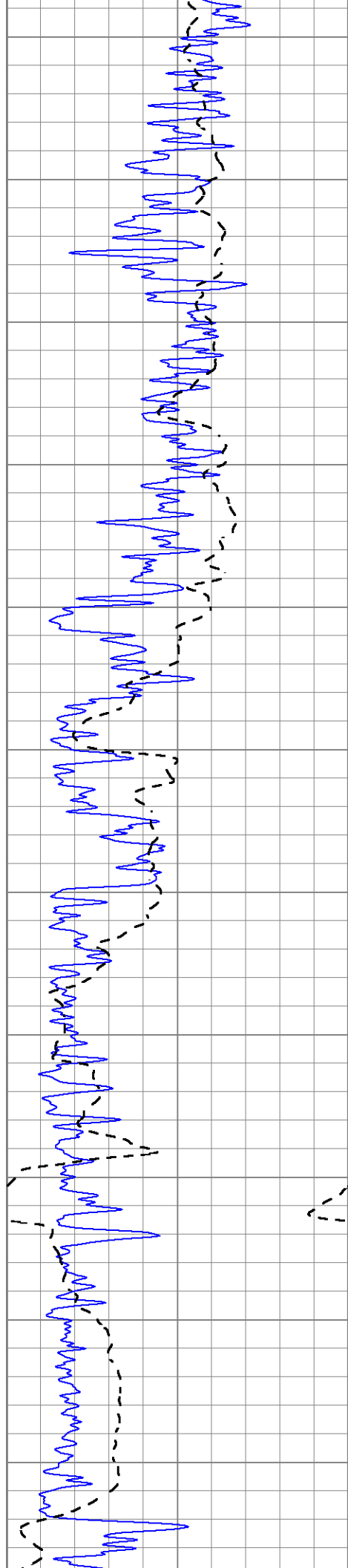
1350

1400

1450

1500





1550

1600

1650

1700

1750

1800

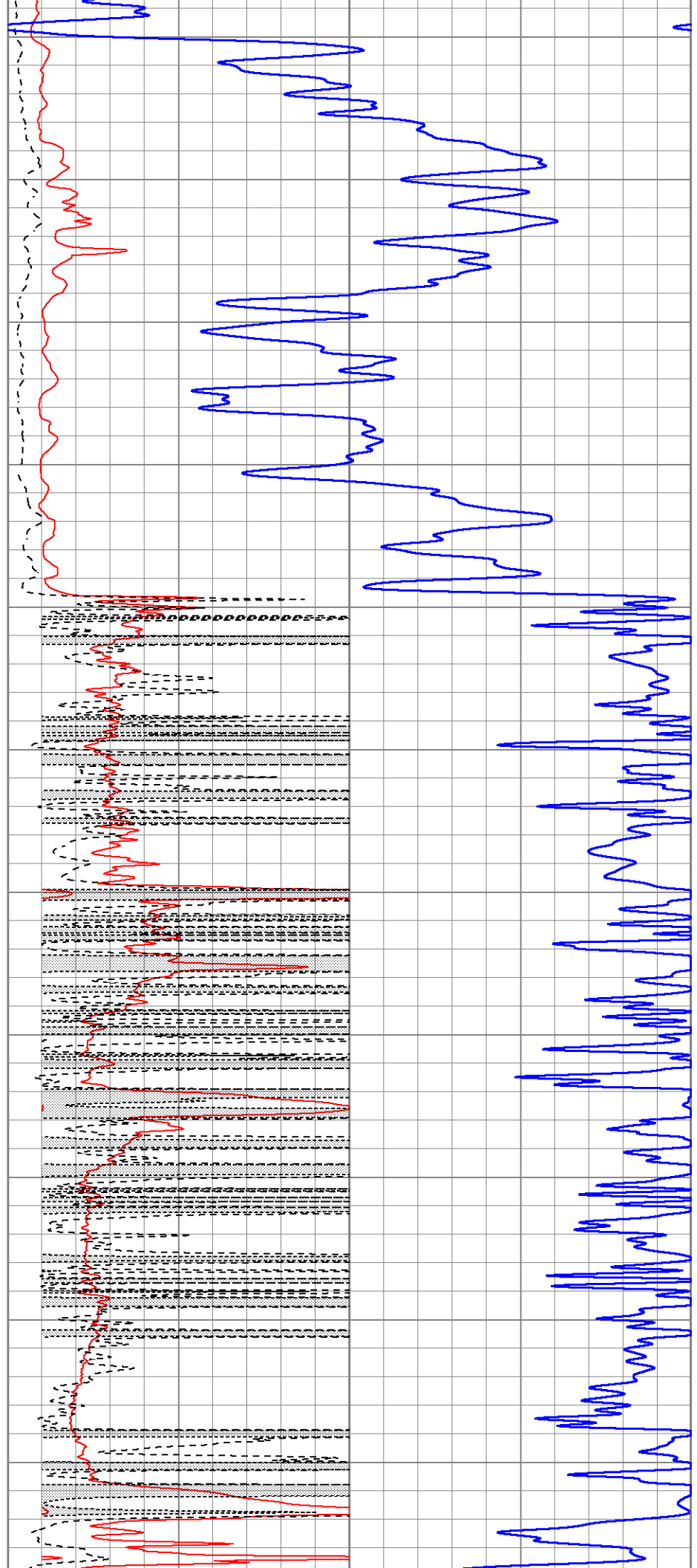
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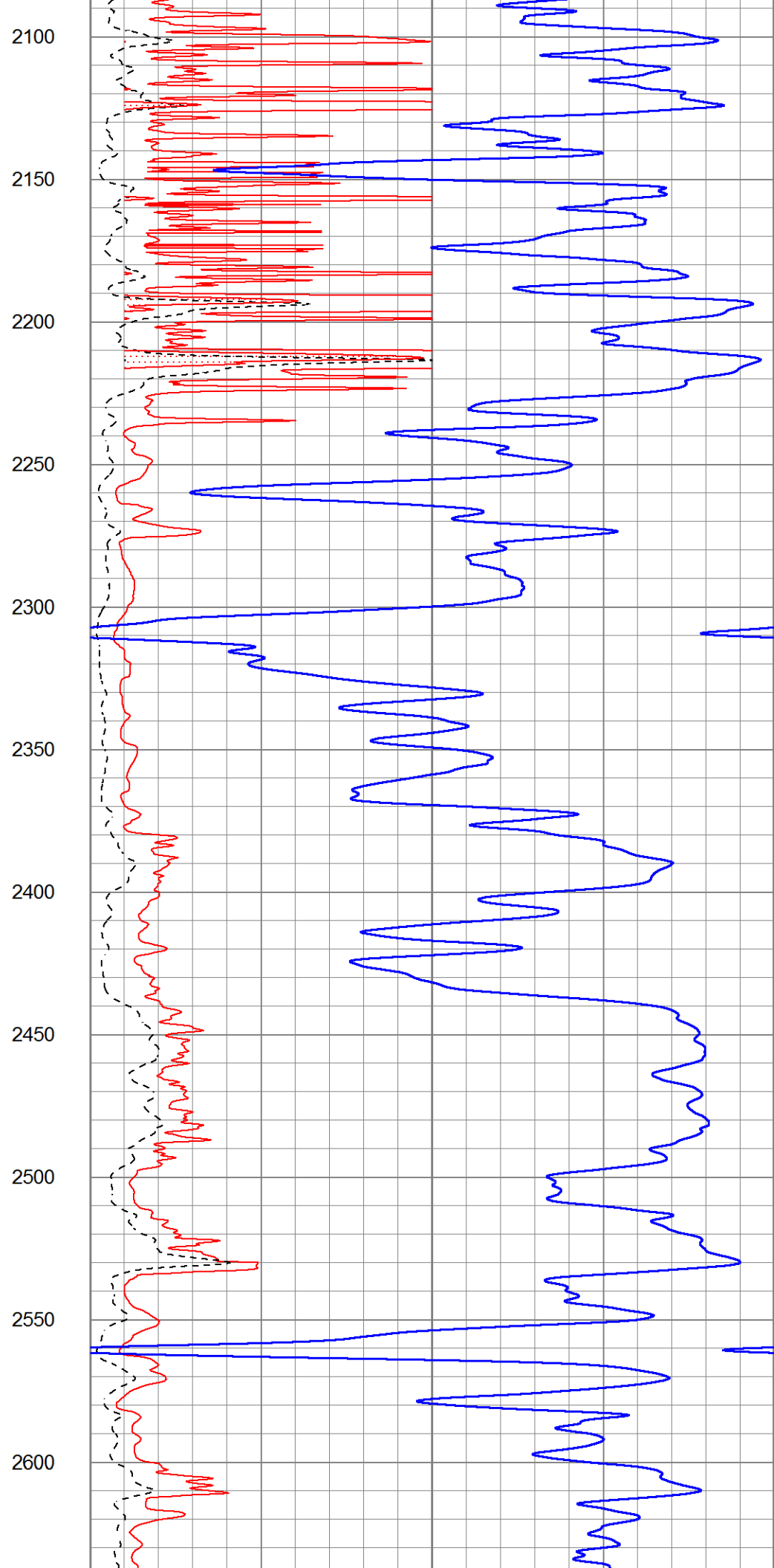
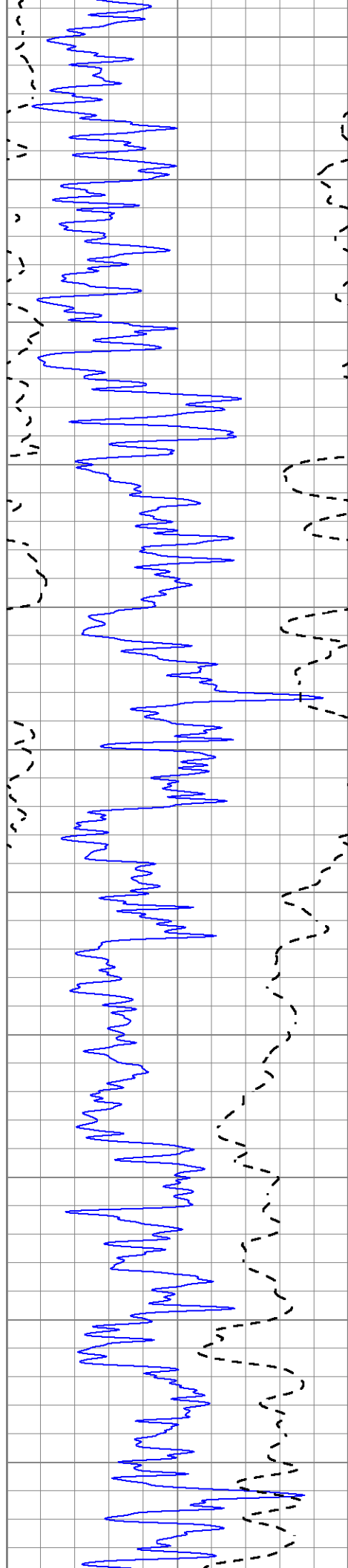
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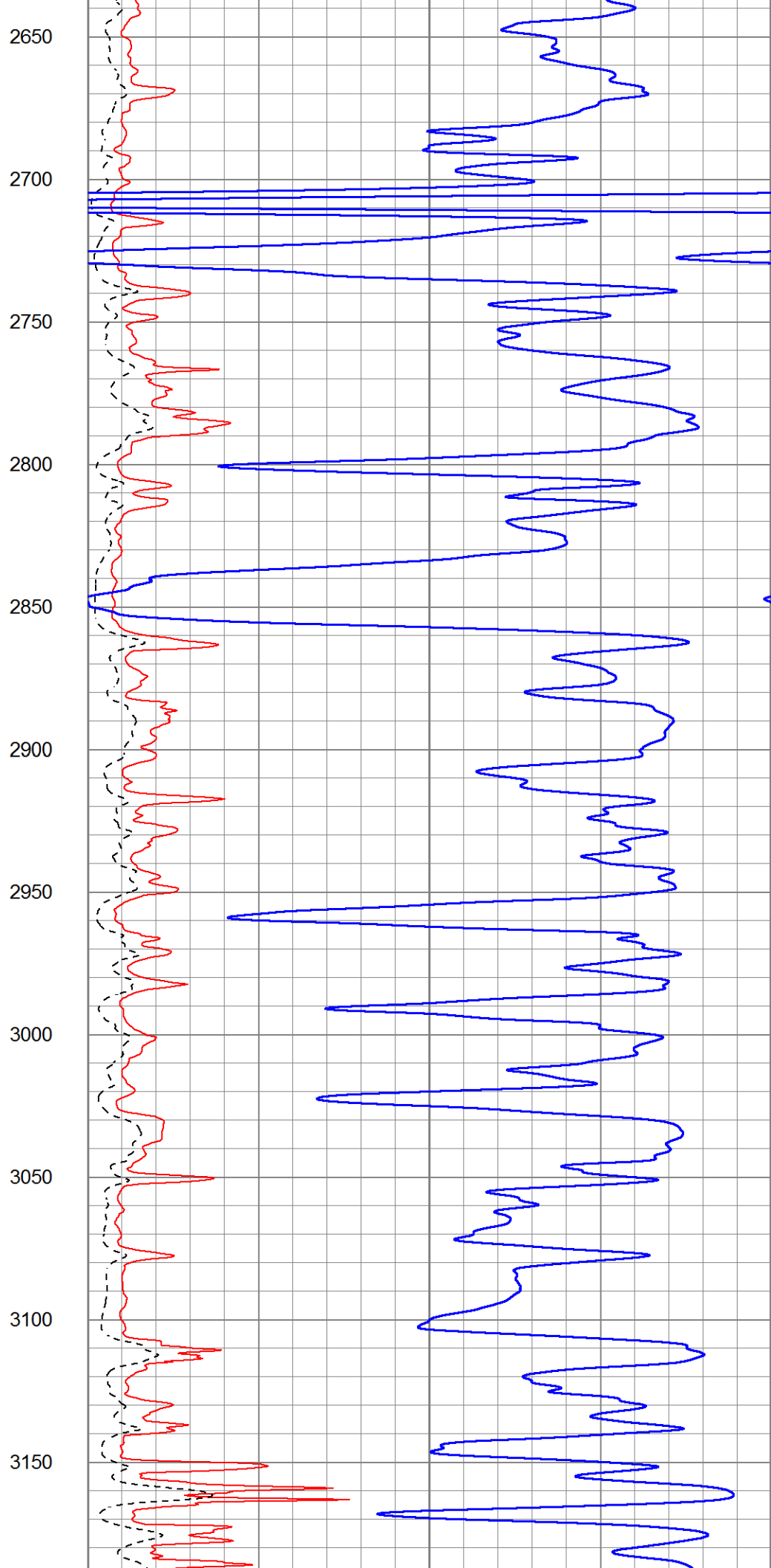
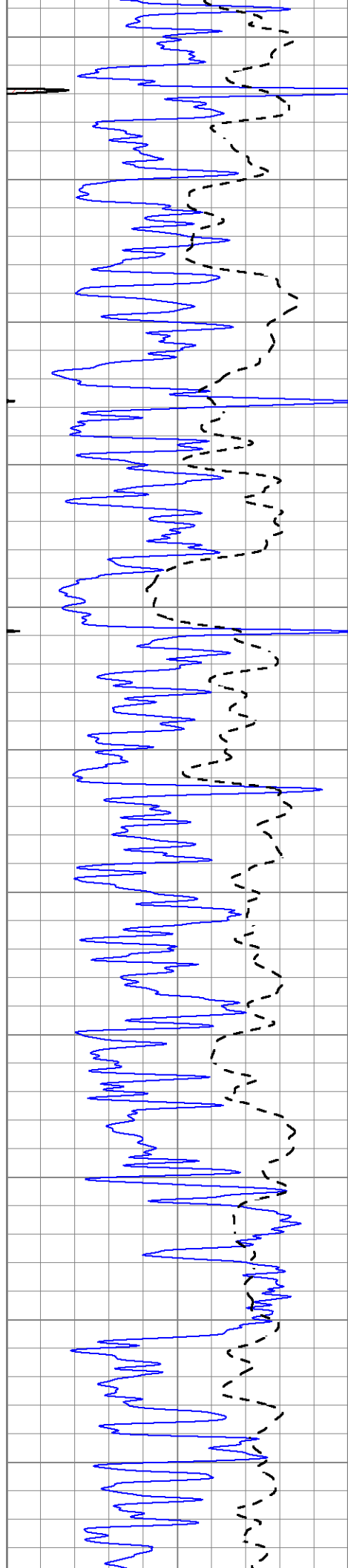
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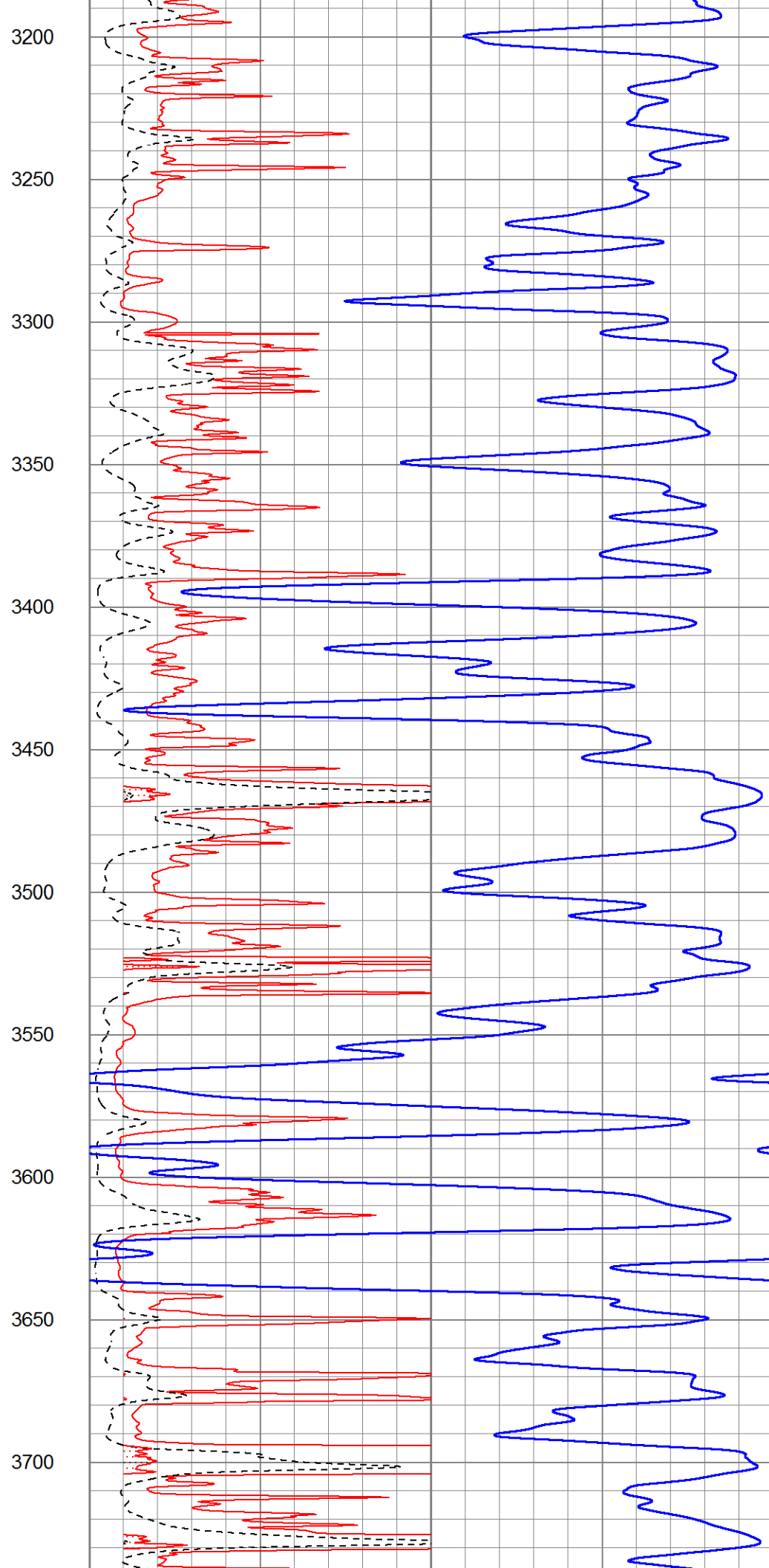
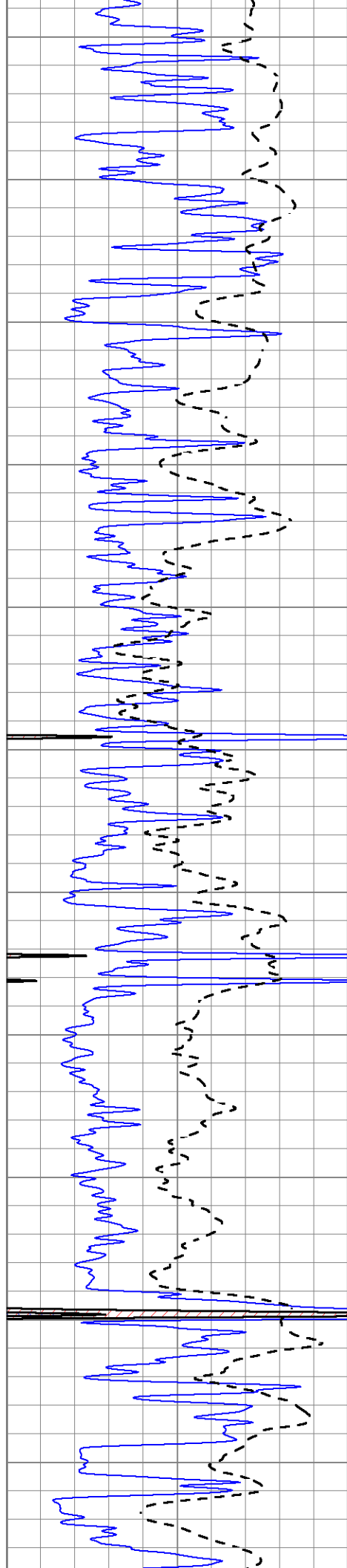
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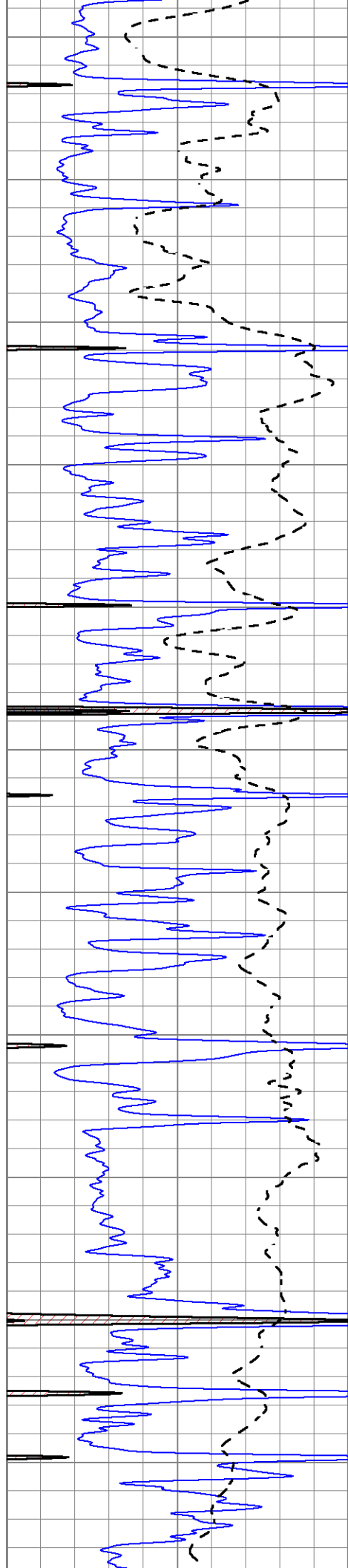
2050











3750

3800

3850

3900

3950

4000

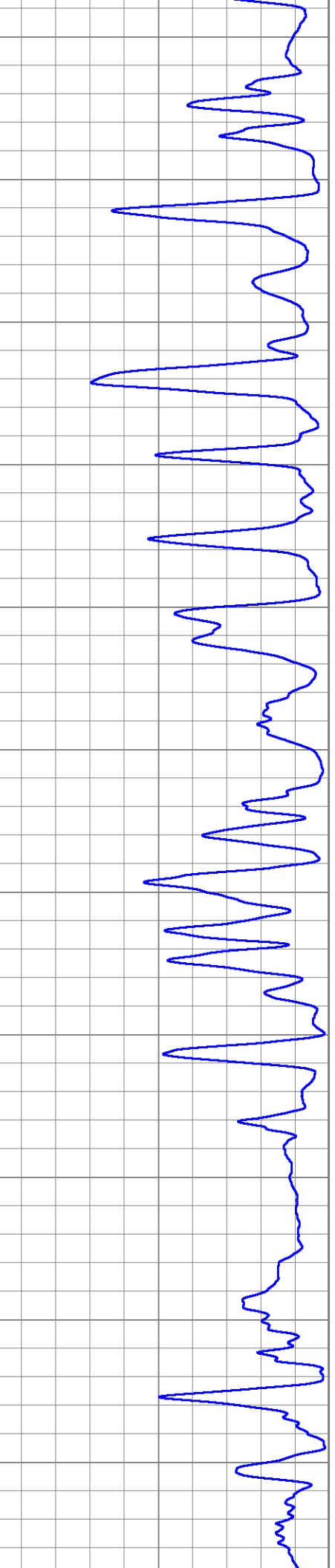
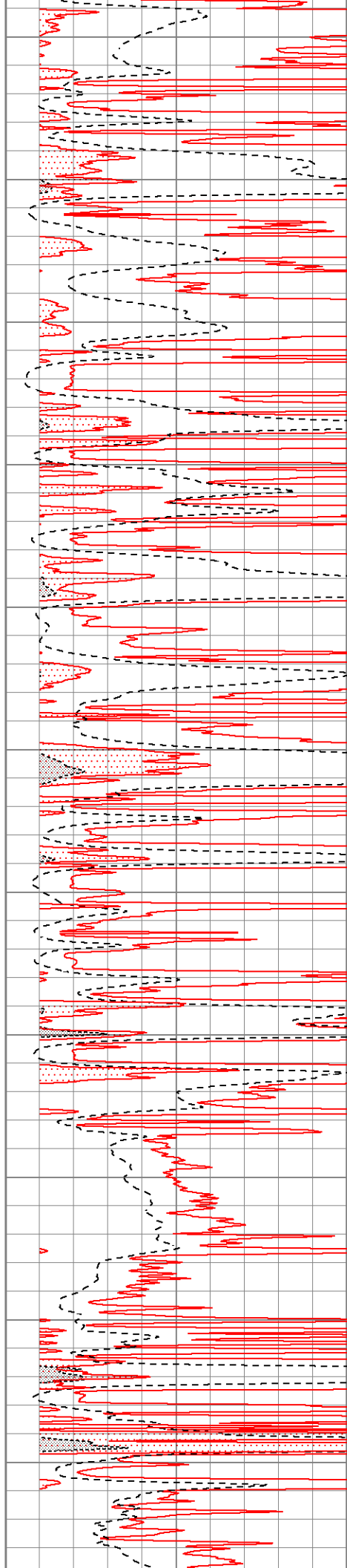
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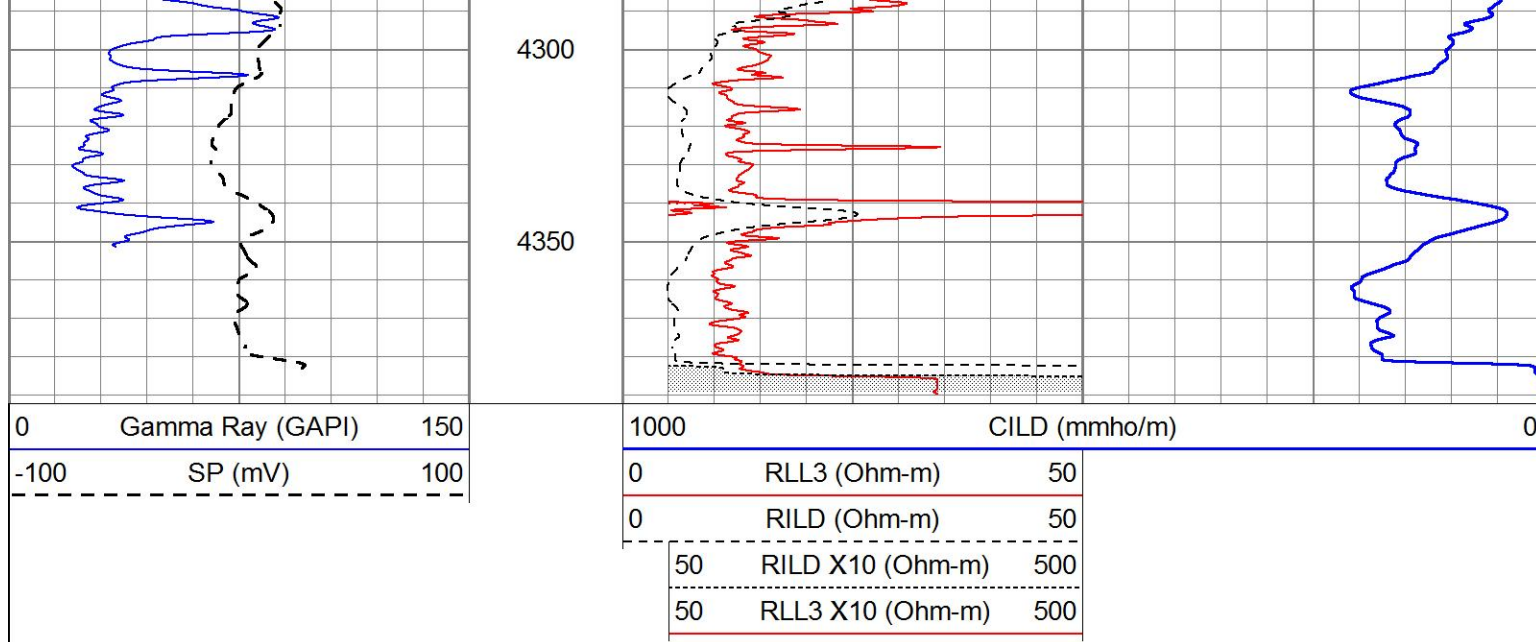
4100

4150

4200

4250

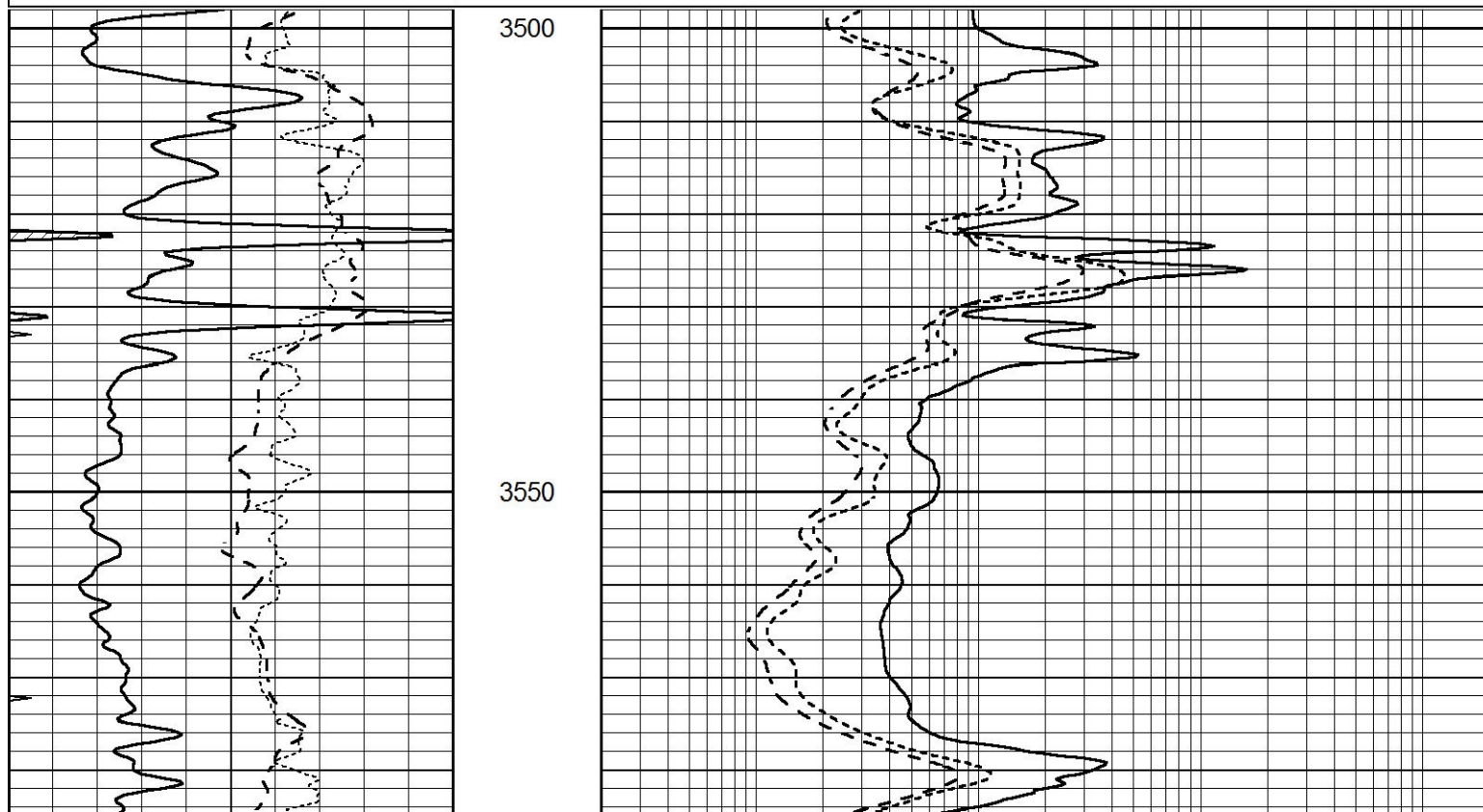


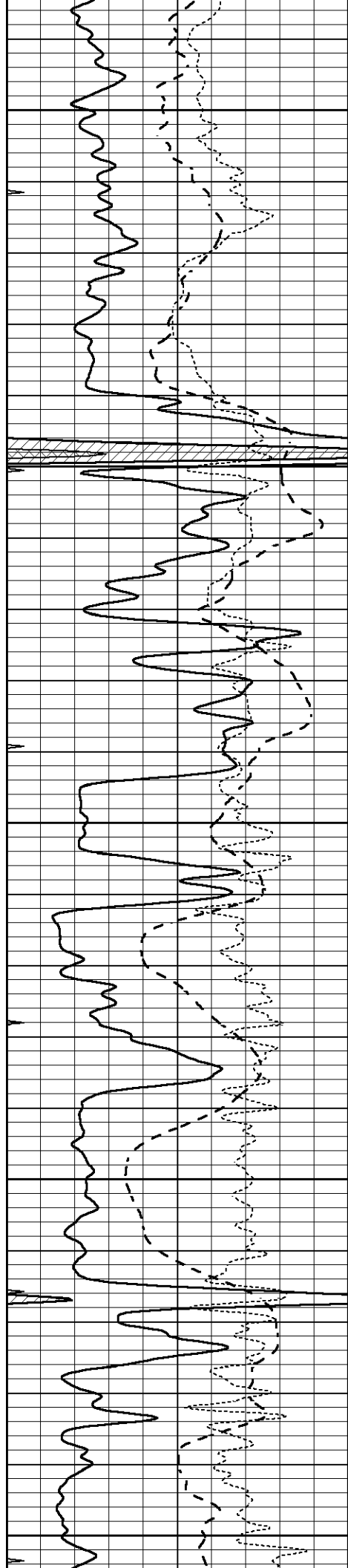


MAIN SECTION

Database File 5271pe.db
 Dataset Pathname pass3.1M
 Presentation Format _dil
 Dataset Creation Thu May 13 17:41:06 2021
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000
0	MINMK	20			





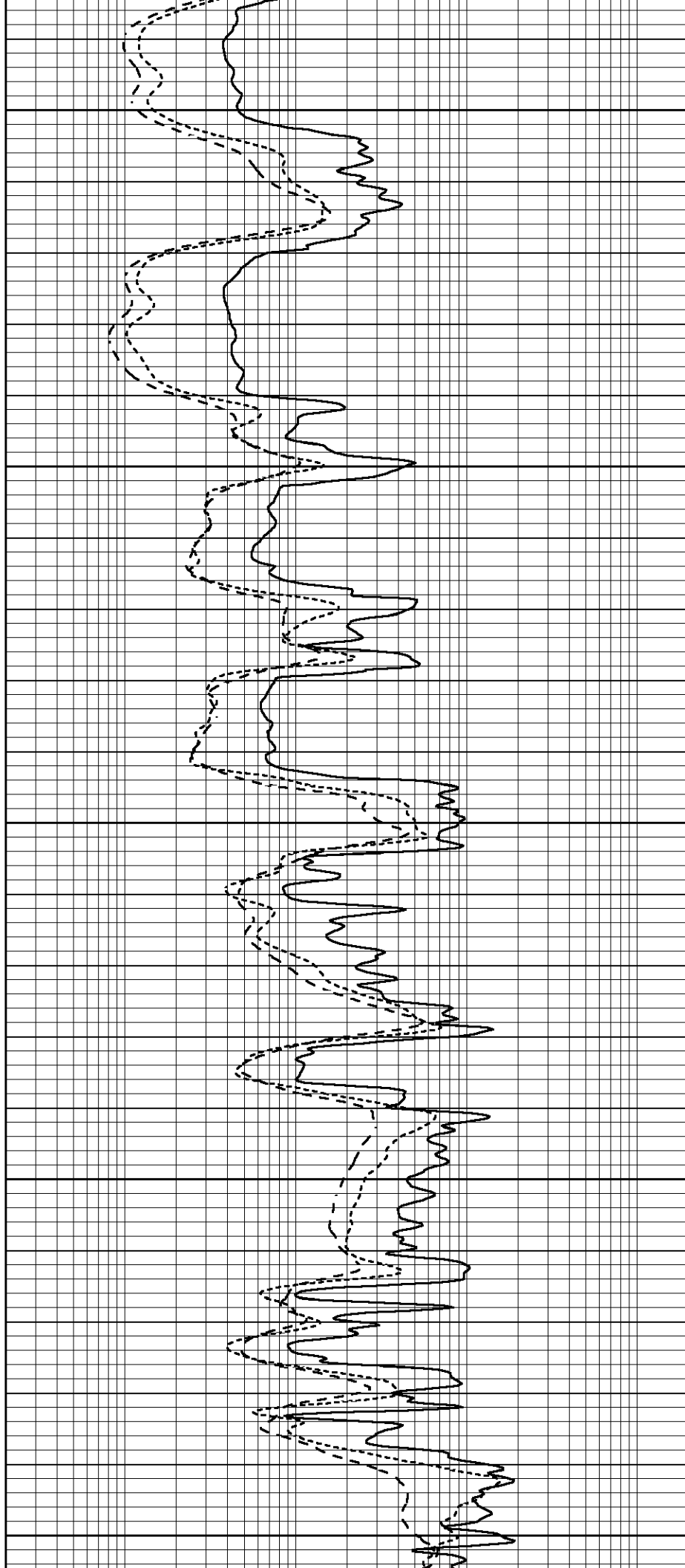
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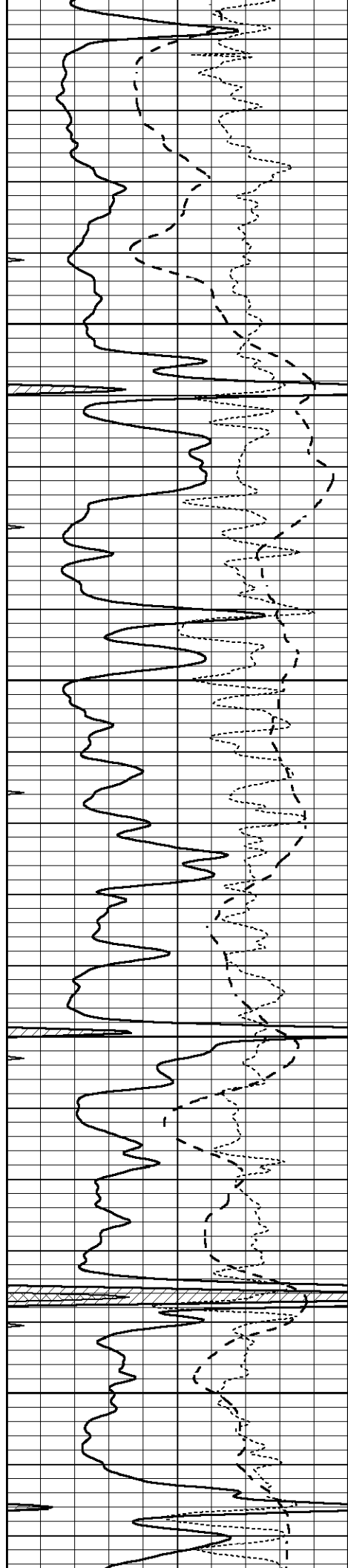
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3700

3750

3800



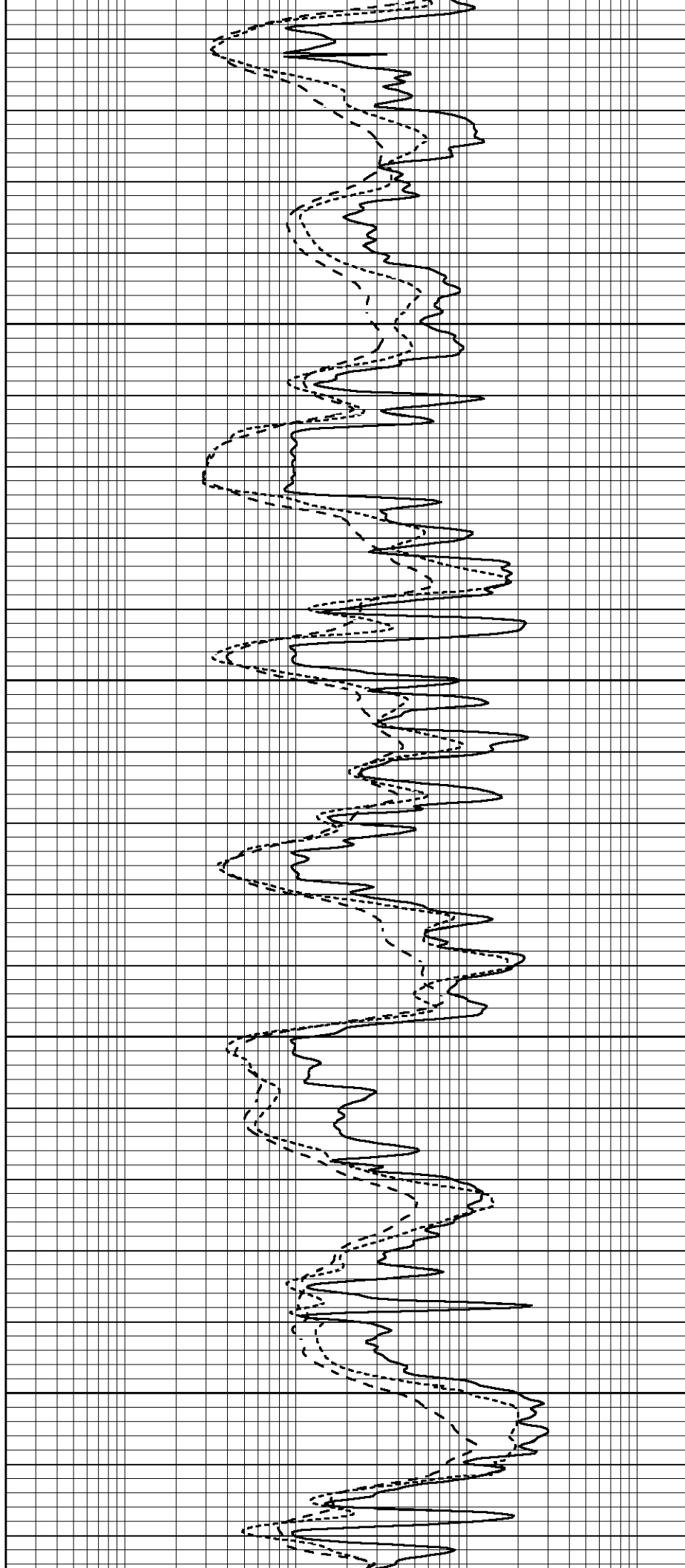


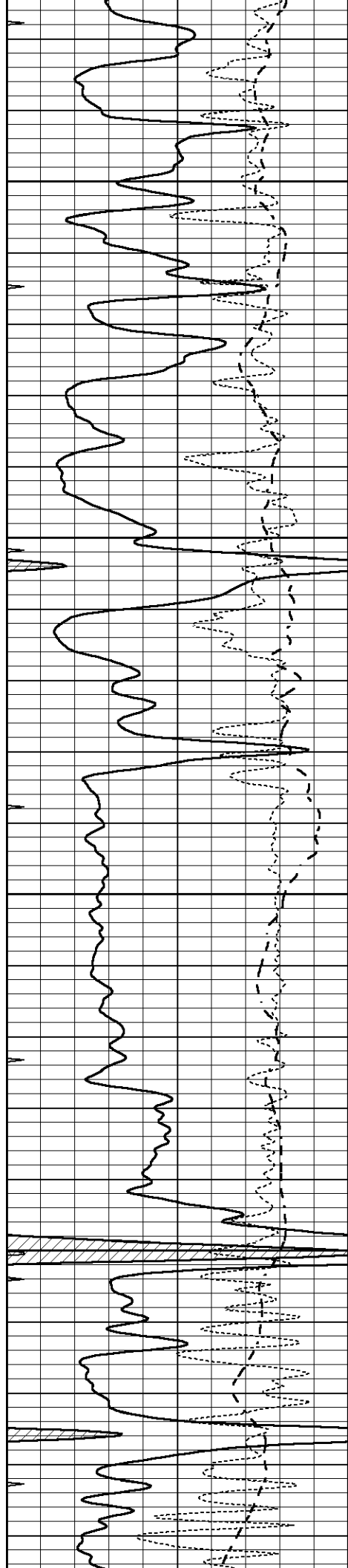
3850

3900

3950

4000



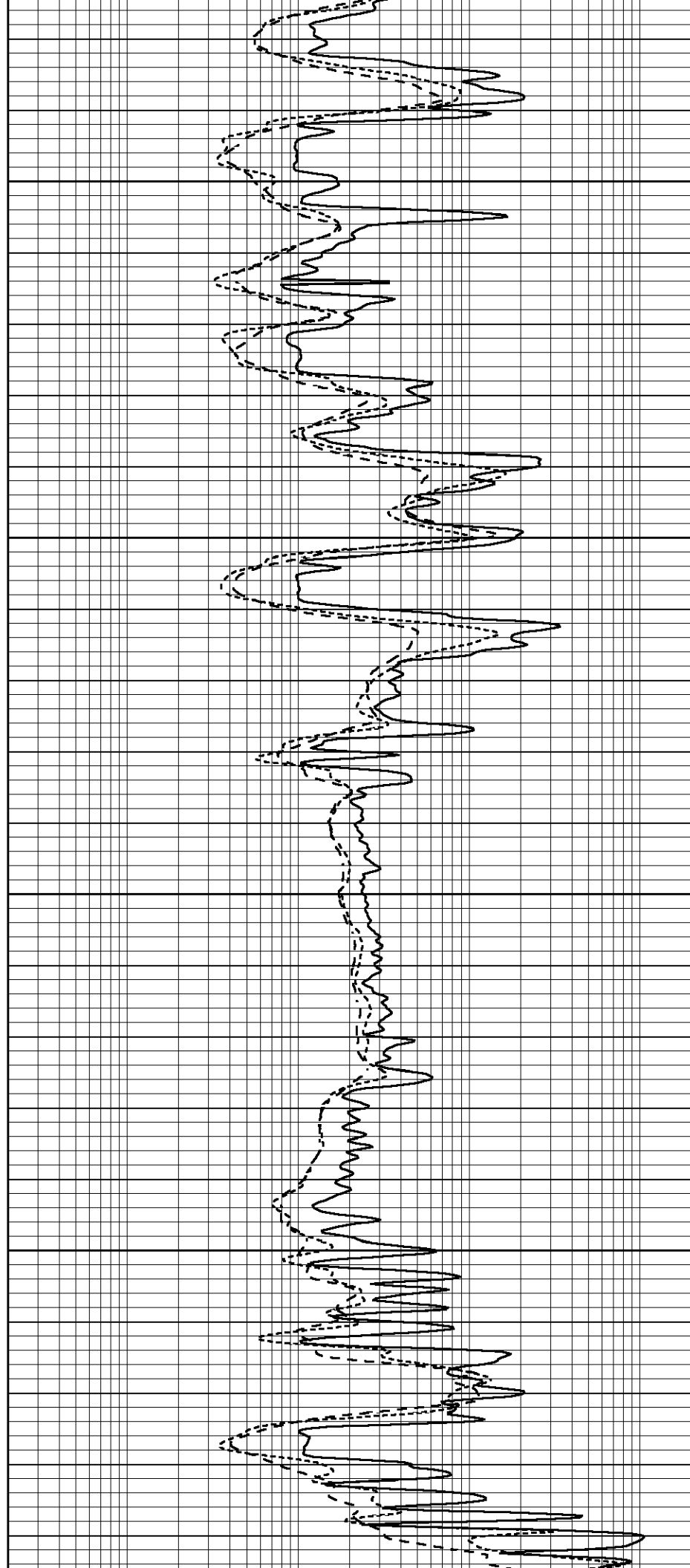


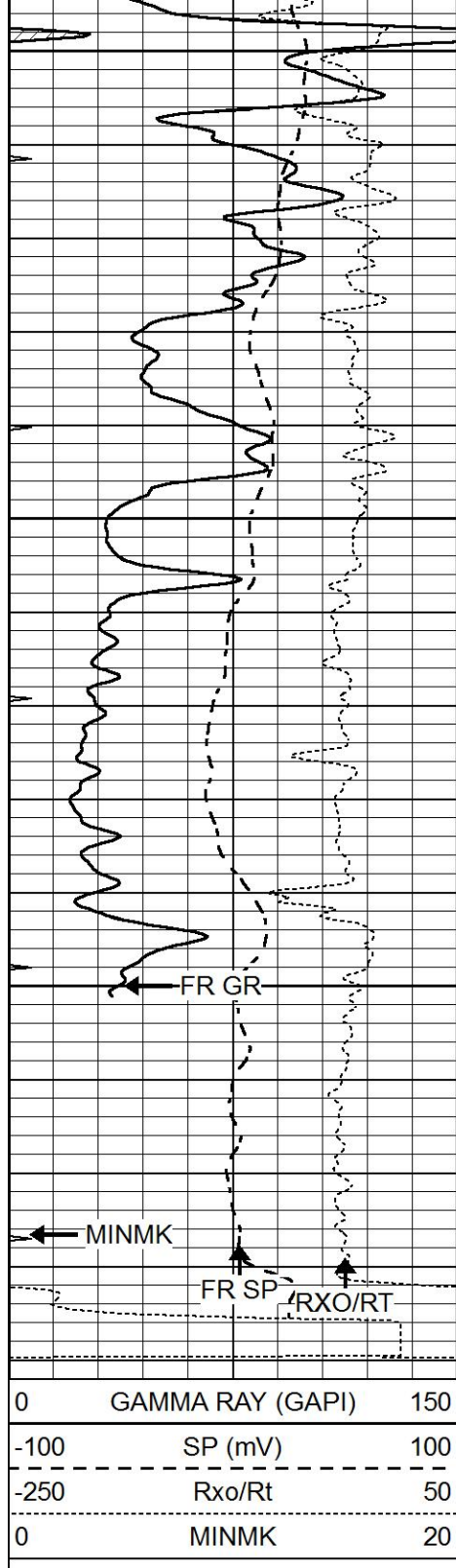
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4100

4150

4200



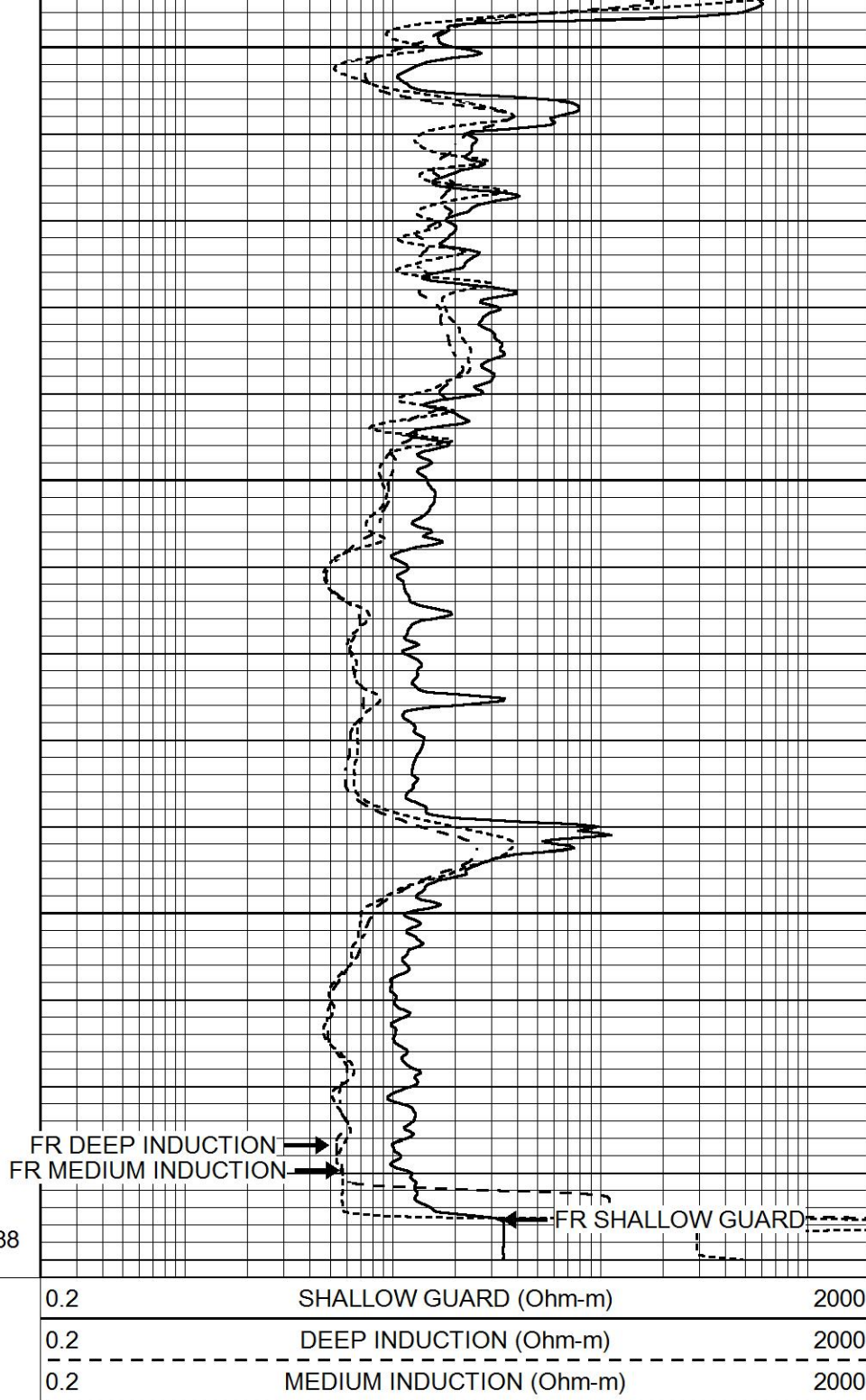


4250

4300

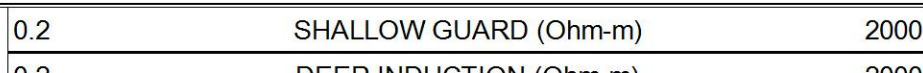
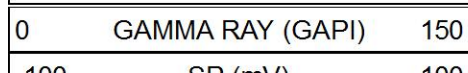
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LTD 4388



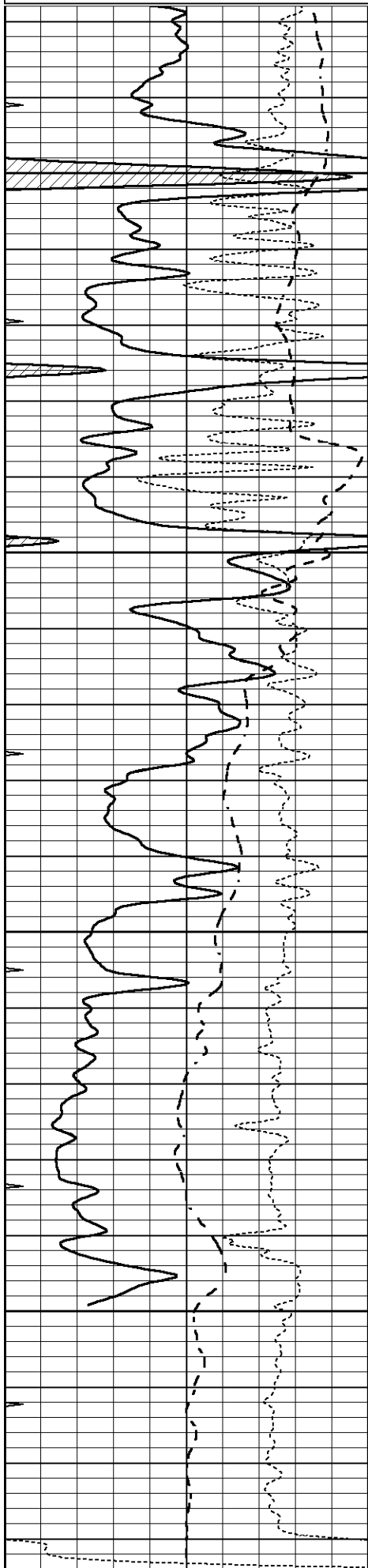
REPEAT SECTION

Database File 5271pe.db
 Dataset Pathname pass2.1R
 Presentation Format _dil
 Dataset Creation Thu May 13 16:31:39 2021
 Charted by Depth in Feet scaled 1:240



100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

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

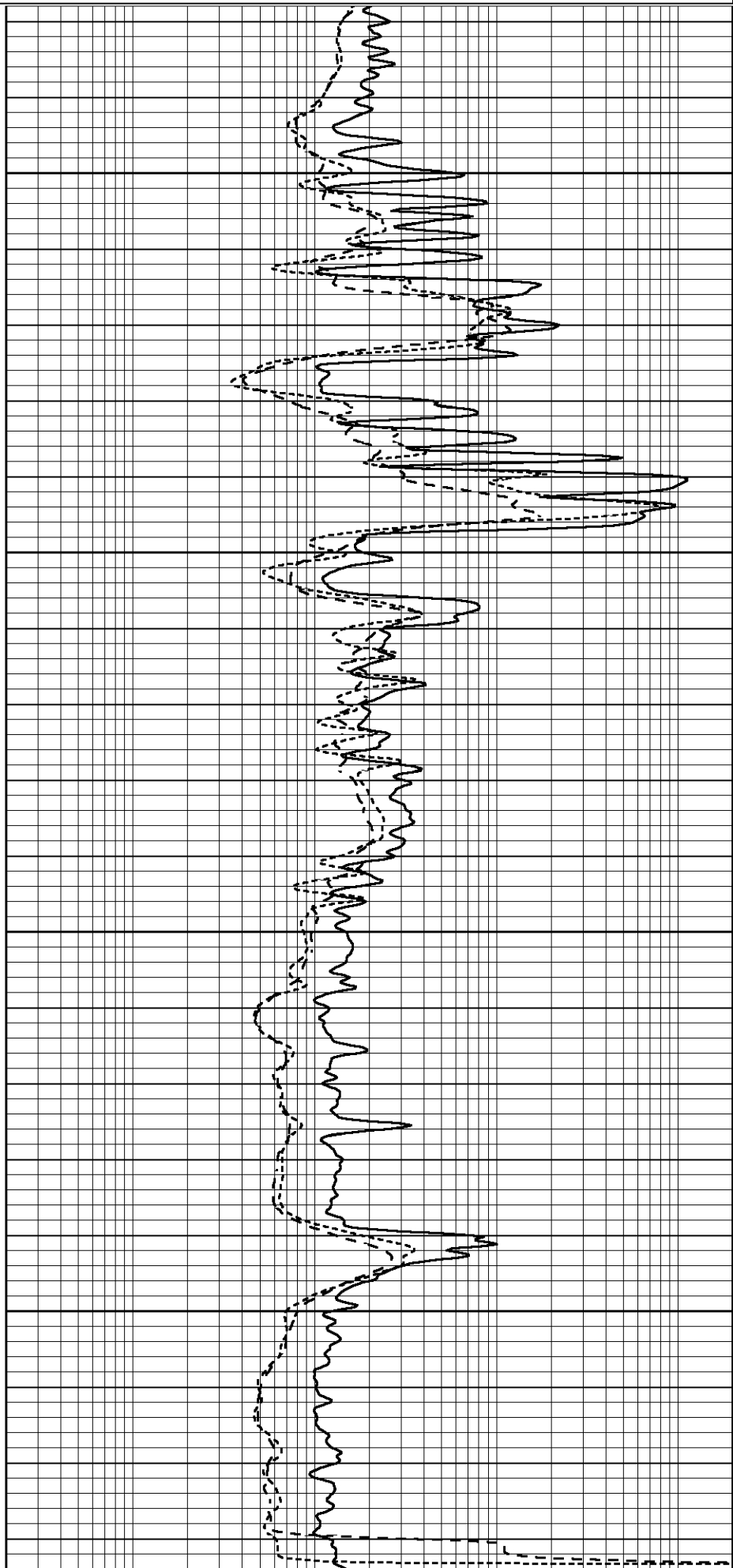


4200

4250

4300

4350



0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000
0	MINMK	20			

Calibration Report					
Database File	5271pe.db				
Dataset Pathname	pass3.5				
Dataset Creation	Thu May 13 16:45:18 2021				

Dual Induction Calibration Report					
Serial-Model:	PROBE7-DILG				
Surface Cal Performed:	Thu May 13 16:10:30 2021				
Downhole Cal Performed:	Thu Mar 12 11:45:10 2020				
After Survey Verification Performed:	Thu Mar 12 11:45:00 2020				

Surface Calibration									
Readings				References			Results		
Loop:	Air	Loop		Air	Loop		m	b	
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	630.000	0.000	
Medium	0.039	0.728	V	0.000	464.000	mmho/m	685.000	-50.000	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.011	0.610	V	0.000	400.000	mmho/m	667.135	-7.256	
Medium	0.005	0.712	V	0.000	464.000	mmho/m	655.677	-3.102	

Downhole Calibration									
Readings				References			Results		
	Zero	Cal		Zero	Cal		m'	b'	
Deep	0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000	
Medium	0.000	0.000	mmho/m	166.367	504.400	mmho/m	1.000	0.000	
LL3		7.500	V		1400.000	Ohm-m			
		0.000	V		20.000	Ohm-m			
		-7.200	V		4000.000	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			
		0.000	mmho-m		4000.000	mmho-m			

Litho Density Calibration Report					
Serial: 003	Model: PRB				

Master Calibration					
Performed Fri Mar 05 10:51:07 2021					
	Background	Magnesium	Aluminum	Aluminum+Fe	
Window 1	1570.6	10682.1	3457.0	3096.9	cps
Window 2	1451.7	9432.7	3101.4	2816.5	cps
Window 3	1334.0	7160.6	2532.0	2369.3	cps
Window 4	370.4	373.1	366.4	370.9	cps

Long Space	0.0	7981.0	1649.7	1364.8	cps
Short Space	2.8	3522.0	2211.0	1823.6	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	
Rib Angle	: 43.5	Rib Slope	: 0.951	Density/Spine Ratio	: 0.535
Spine Angle	: 73.5	Spine Slope	: 3.386	Spine Intercept	: -18.7

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	

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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 Apr 16 13:57:16 2021	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps

Calibrator Reading:

1.0

cps

Sensitivity:

0.3000

GAPI/cps