

DUAL INDUCTION LOG

Company	R L INVESTMENT, LLC.	Company	R L INVESTMENT, LLC.
Well	KOSTER "H" #2-32	Well	KOSTER "H" #2-32
Field	KOSTER	Field	KOSTER
County	SHERIDAN	County	SHERIDAN
State	KANSAS	State	KANSAS
Location:	API # : 15-179-21487-0000 2005' FNL & 1816' FEL NW - SE - SW - NE	Other Services	CDL/CNL MEL
Permanent Datum	GROUND LEVEL	Elevation	2850
Log Measured From	KELLY BUSHING 7' A.G.L.	Elevation	K.B. 2857 D.F. 2855 G.L. 2850
Drilling Measured From	KELLY BUSHING		
Date	8/8/22		
Run Number	ONE		
Depth Driller	4235		
Depth Logger	4236		
Bottom Logged Interval	4234		
Top Log Interval	00		
Casing Driller	8 5/8"@263'		
Casing Logger	263		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES	1,100 PPM
Density / Viscosity	9.3/50		
pH / Fluid Loss	8.0/10.5		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.30@60F		
Rmf @ Meas. Temp	.975@60F		
Rmc @ Meas. Temp	1.56@60F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.661@118F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	11:30 A.M.		
Maximum Recorded Temperature	118F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	RICHARD BELL		

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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.

15-179-21487-0000

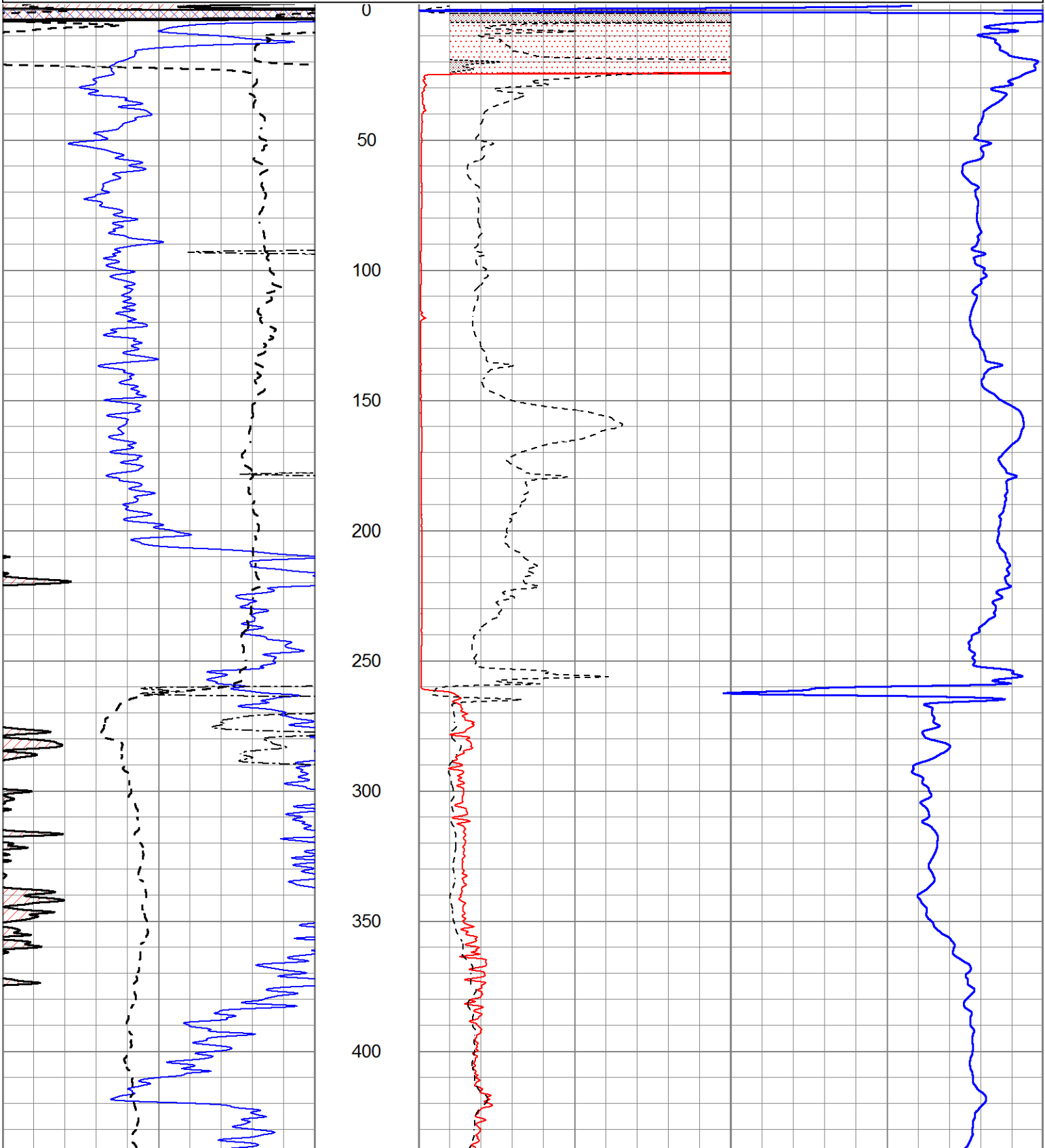
Comments

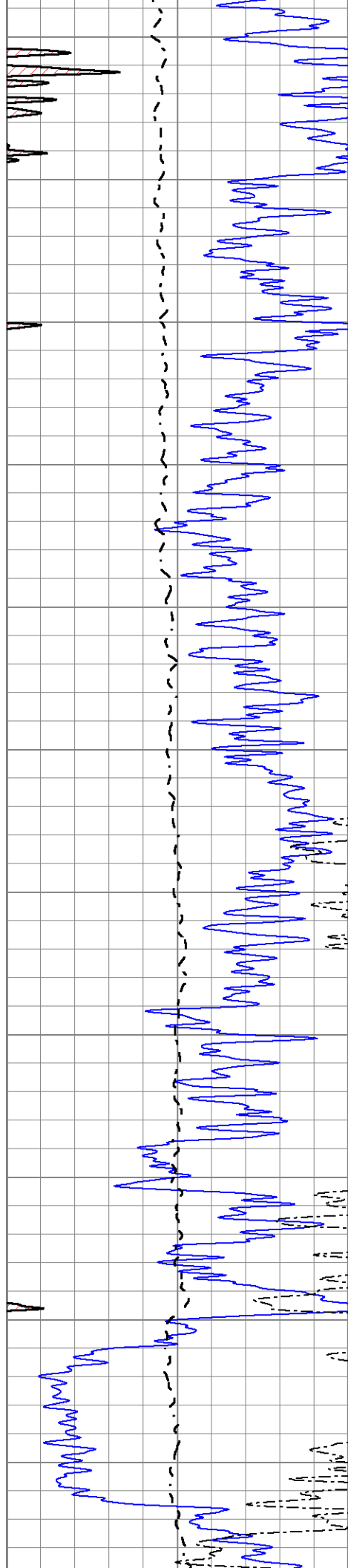
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
SEGUIN, KS., 2S. ON "RD. 80W" TO "RD. 40S", 1E., 1/2N., W. INTO



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





450

500

550

600

650

700

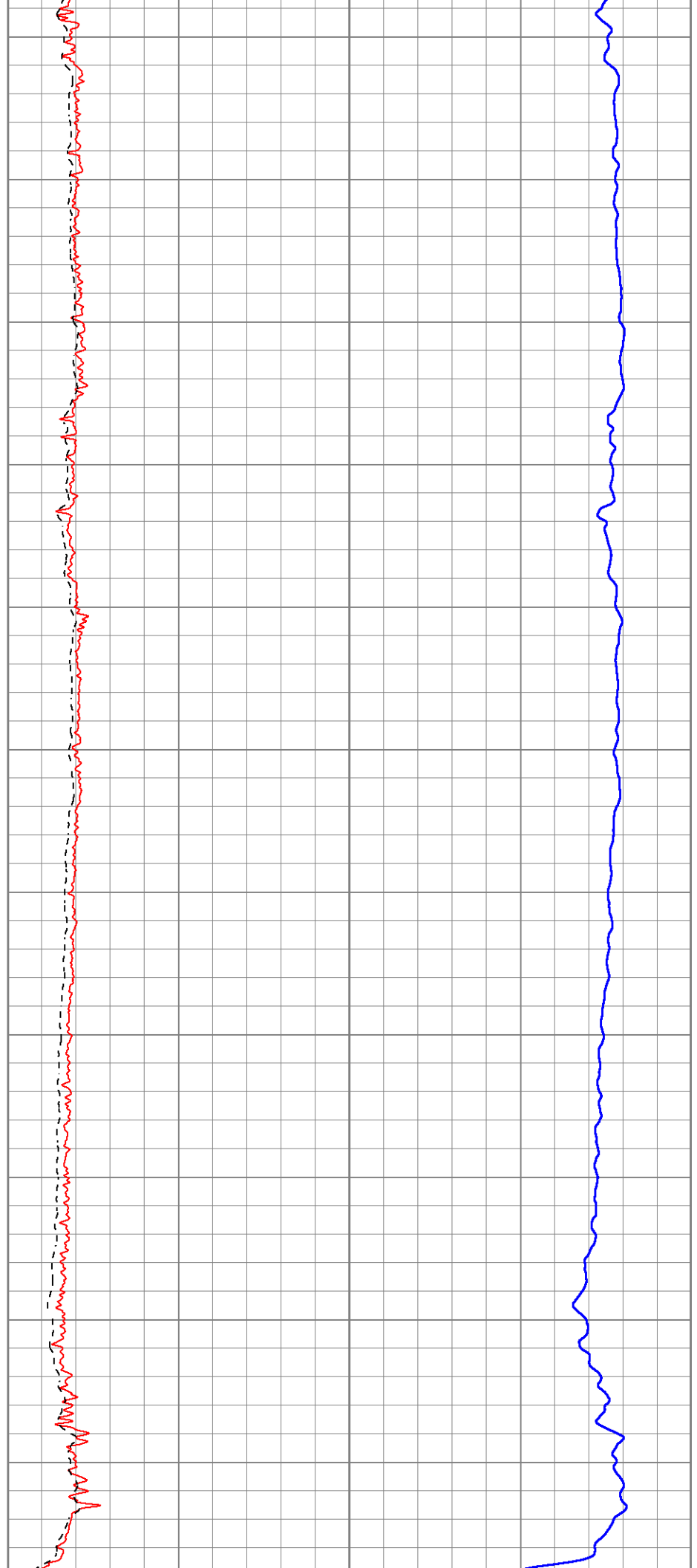
750

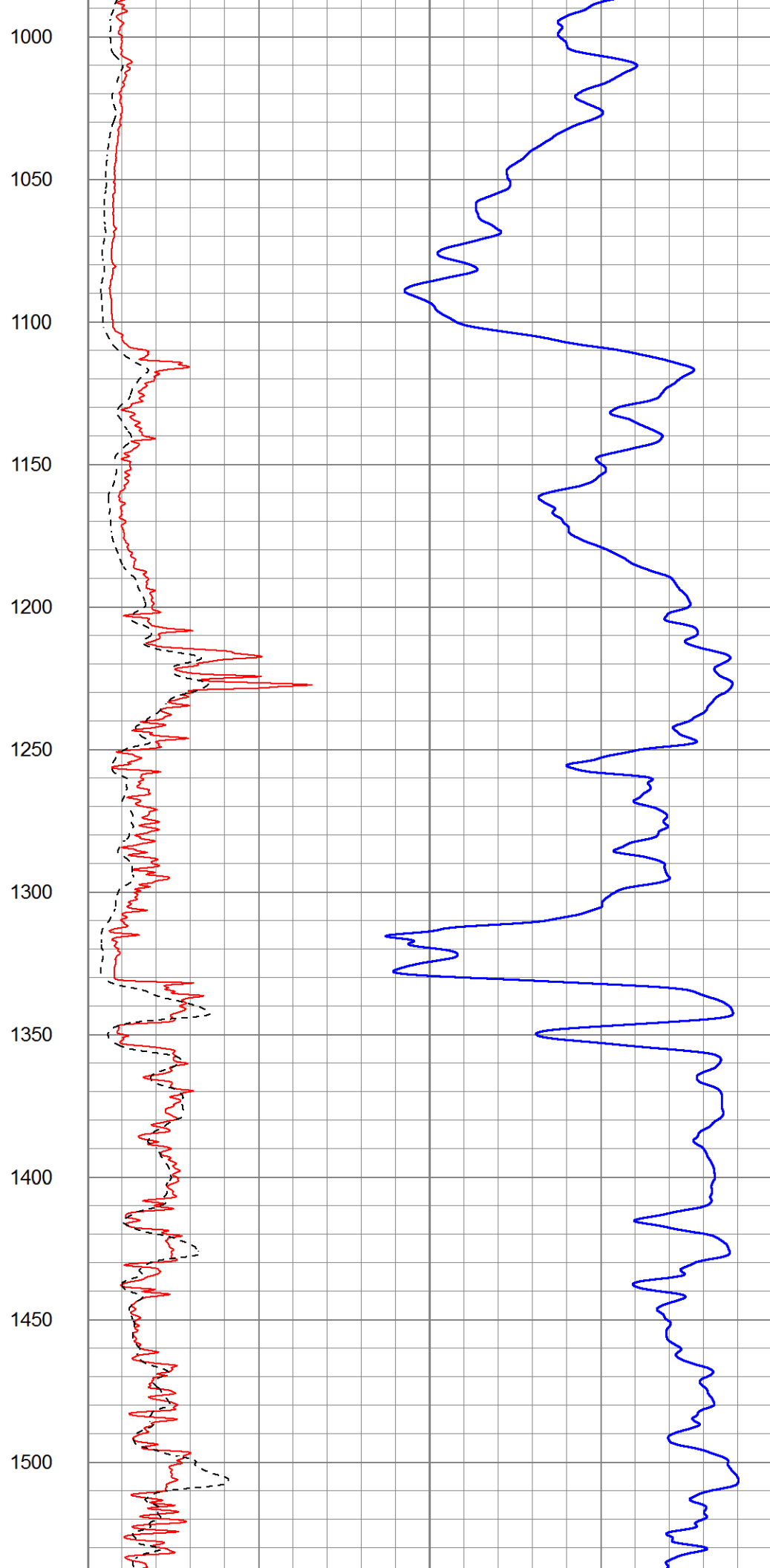
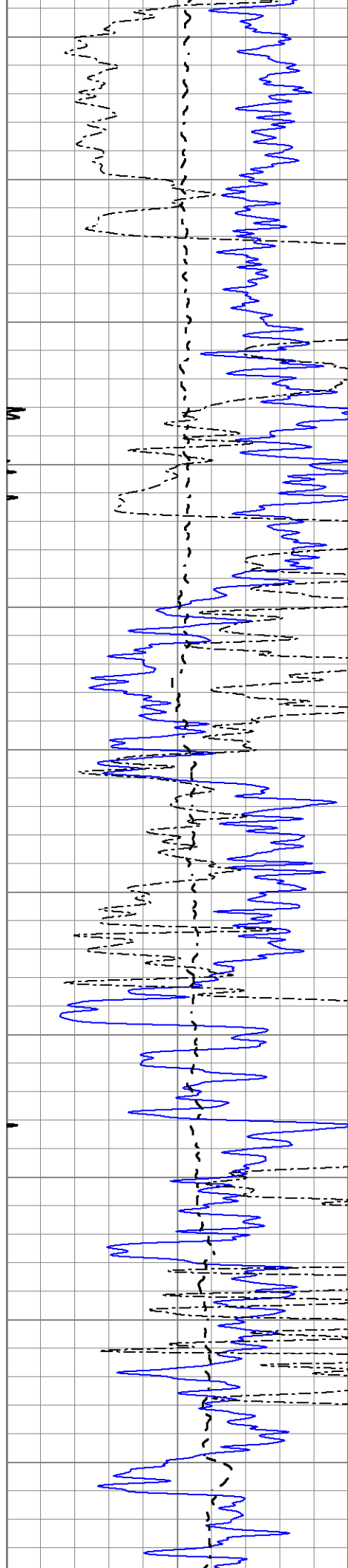
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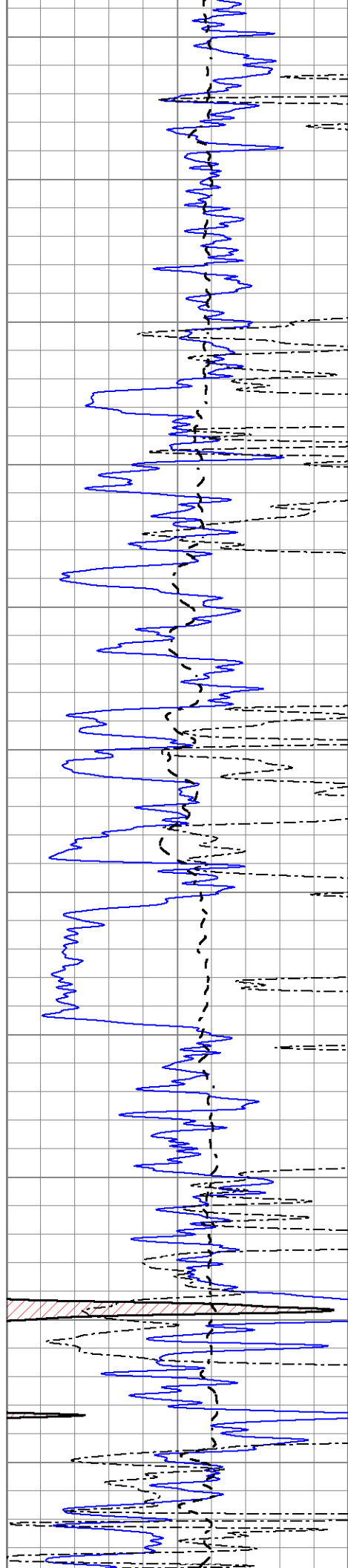
850

900

950







1550

1600

1650

1700

1750

1800

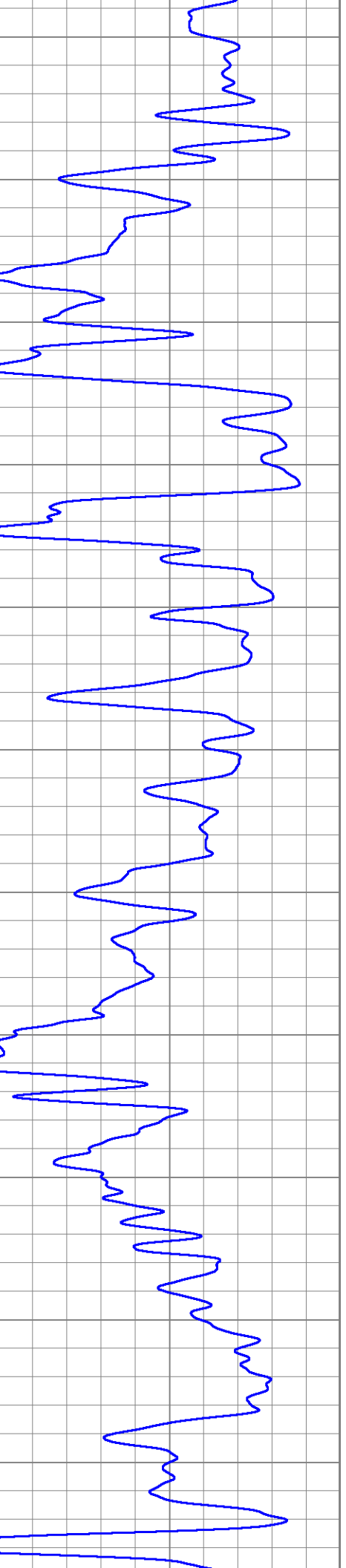
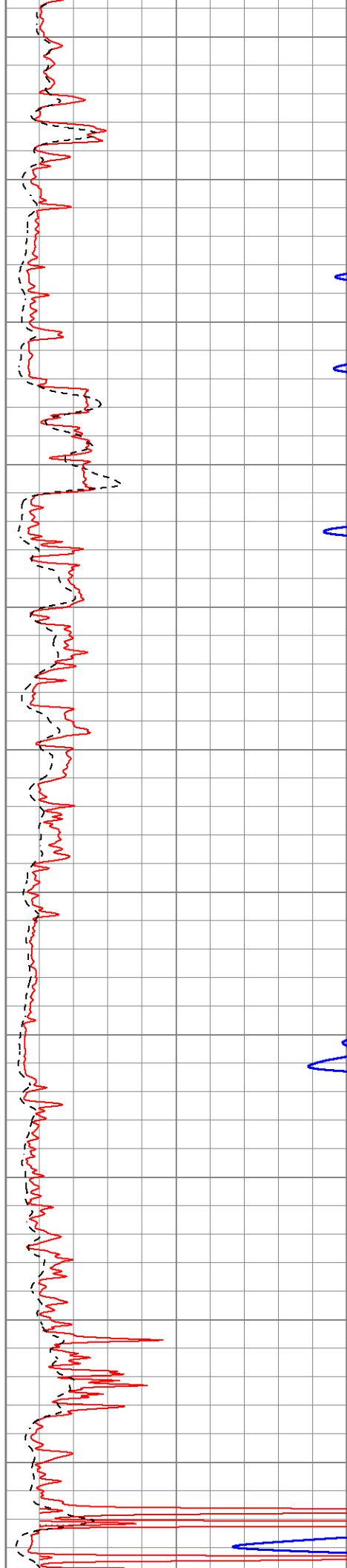
1850

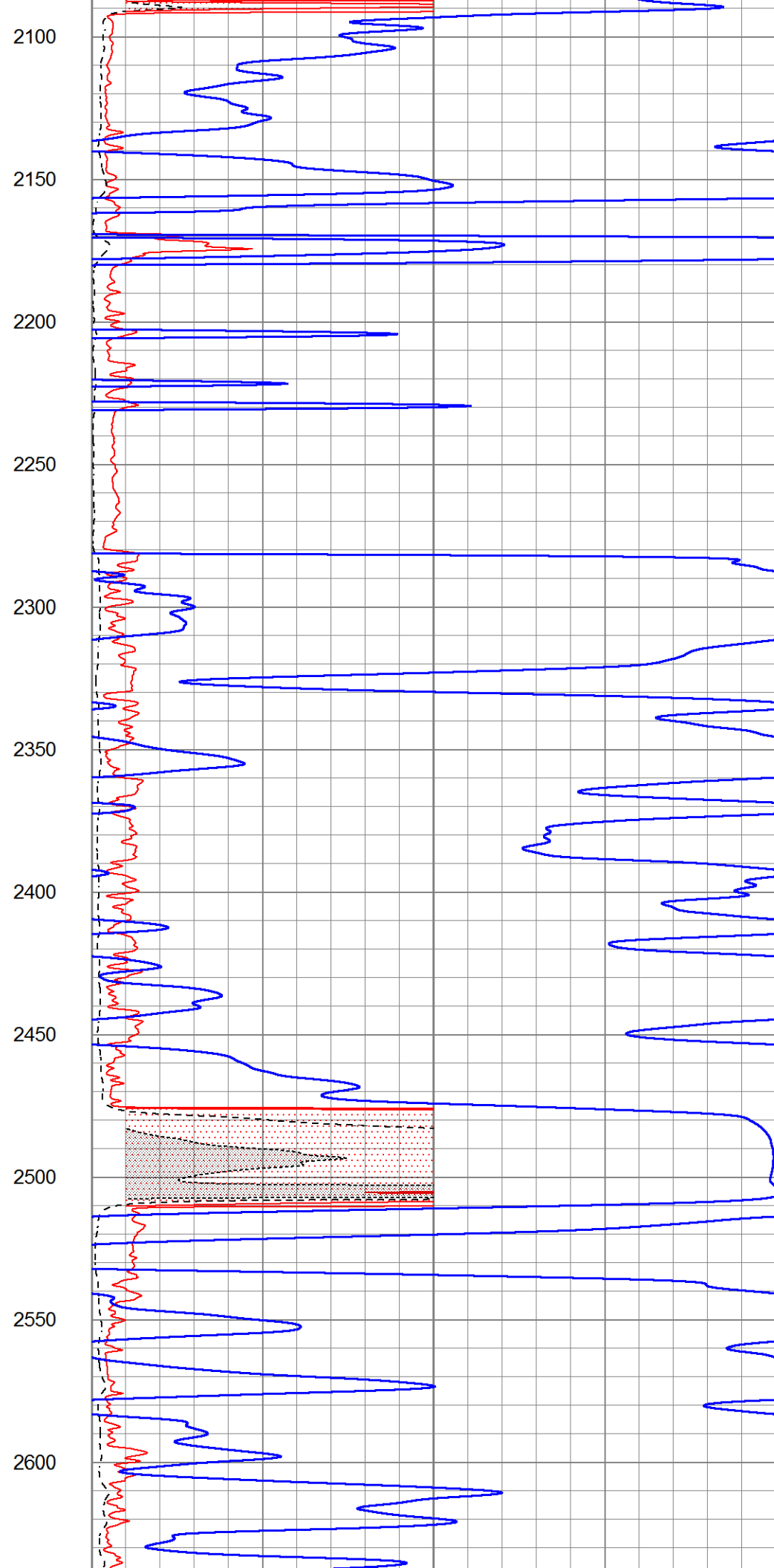
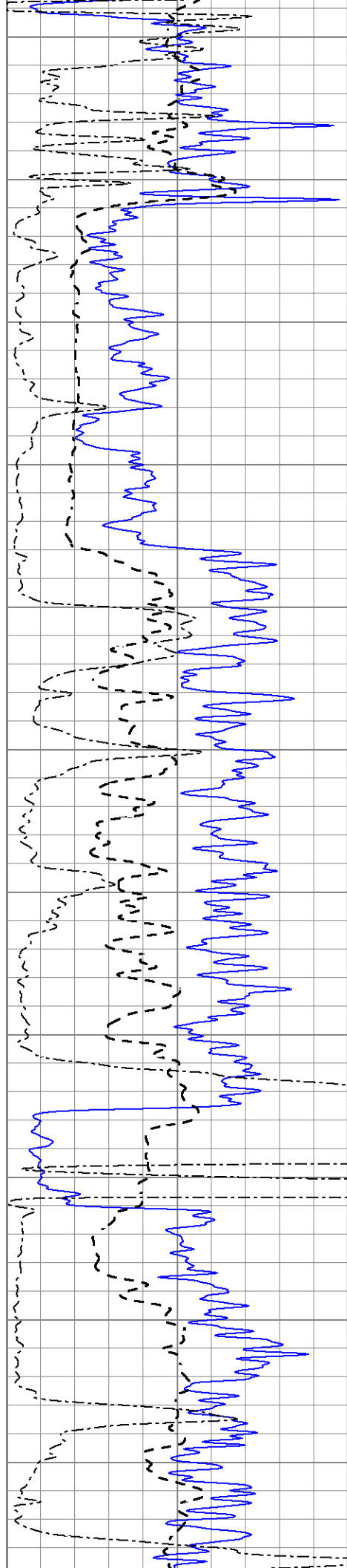
1900

1950

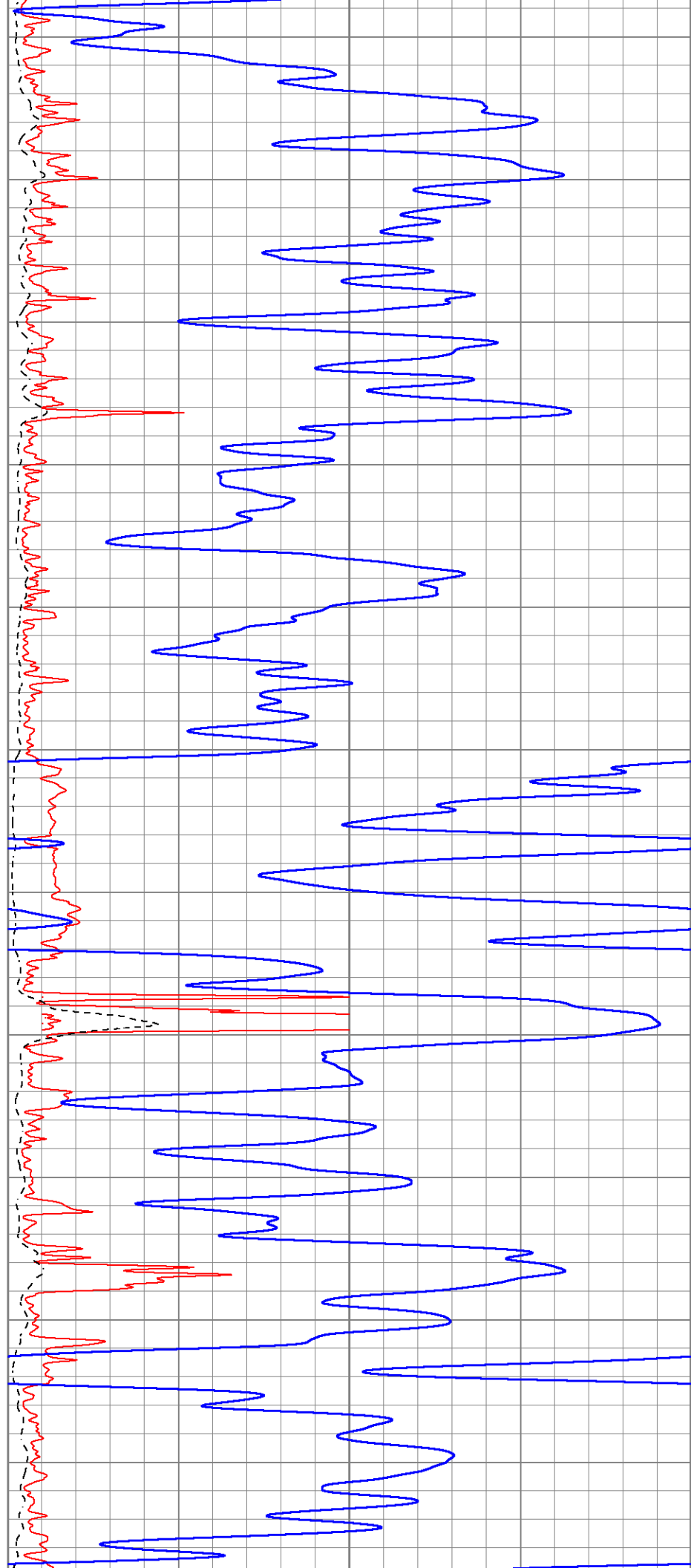
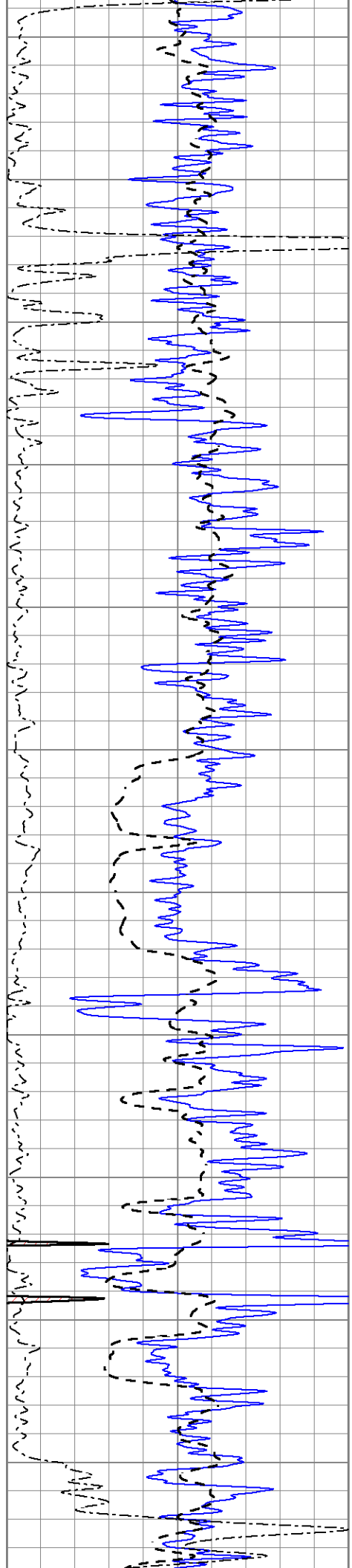
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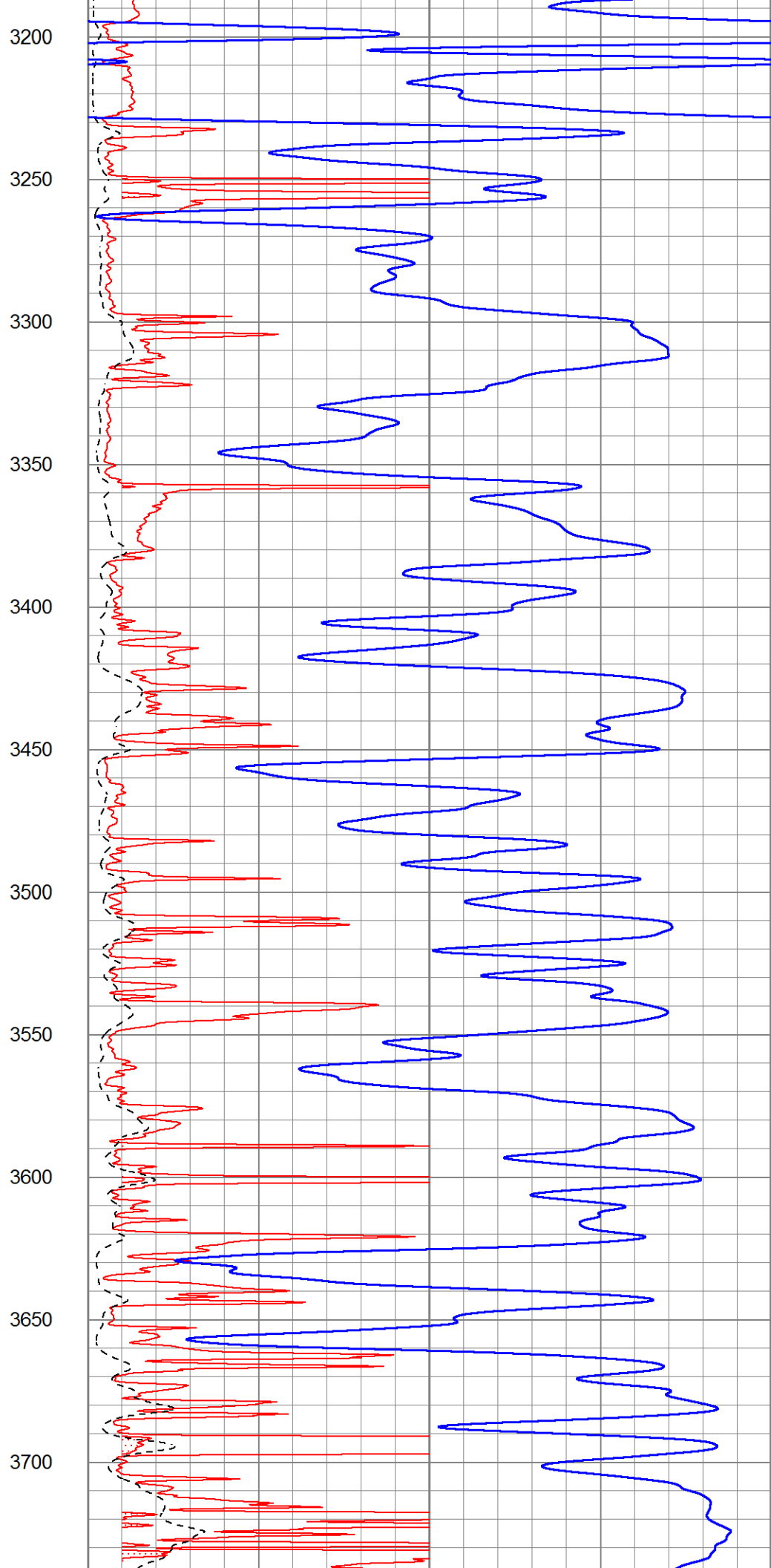
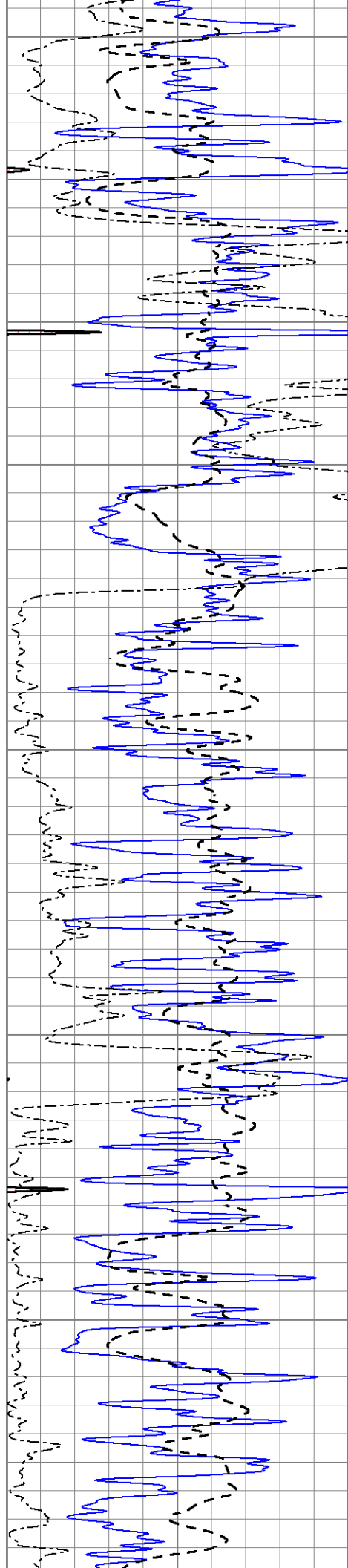
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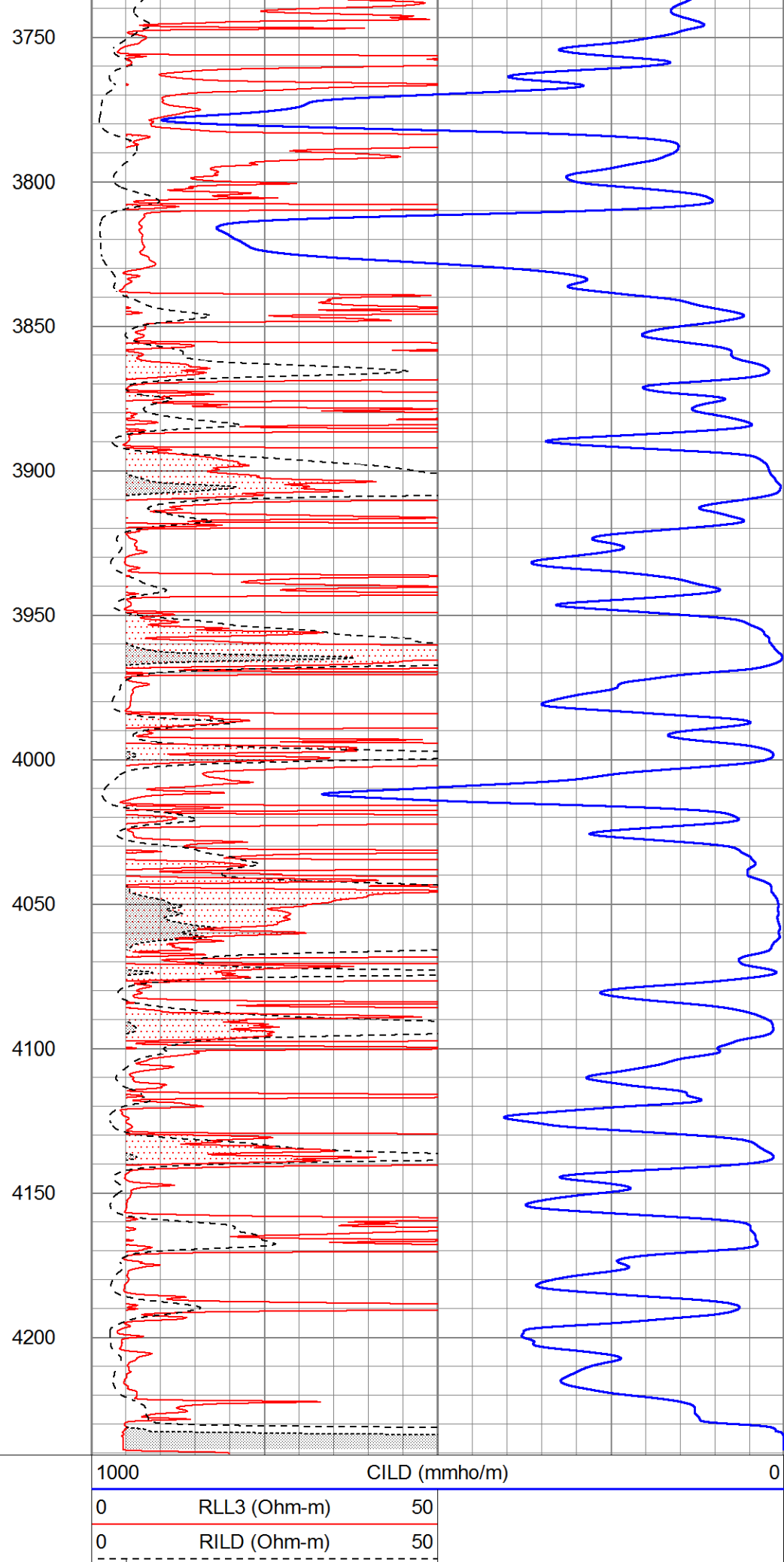
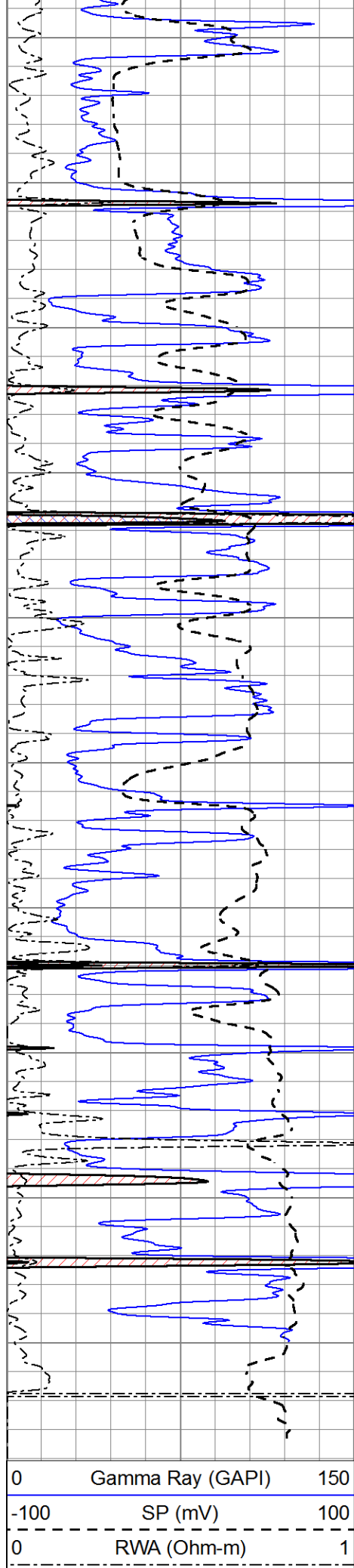




2650
2700
2750
2800
2850
2900
2950
3000
3050
3100
3150







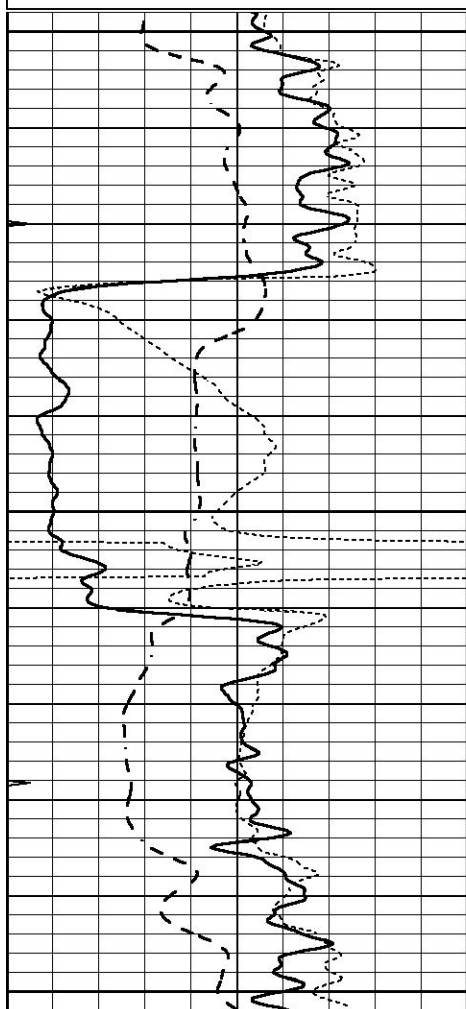


ANHYDRITE

Database File 6349ddn.db
 Dataset Pathname pass3.1A
 Presentation Format _dil
 Dataset Creation Mon Aug 08 13:11:54 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

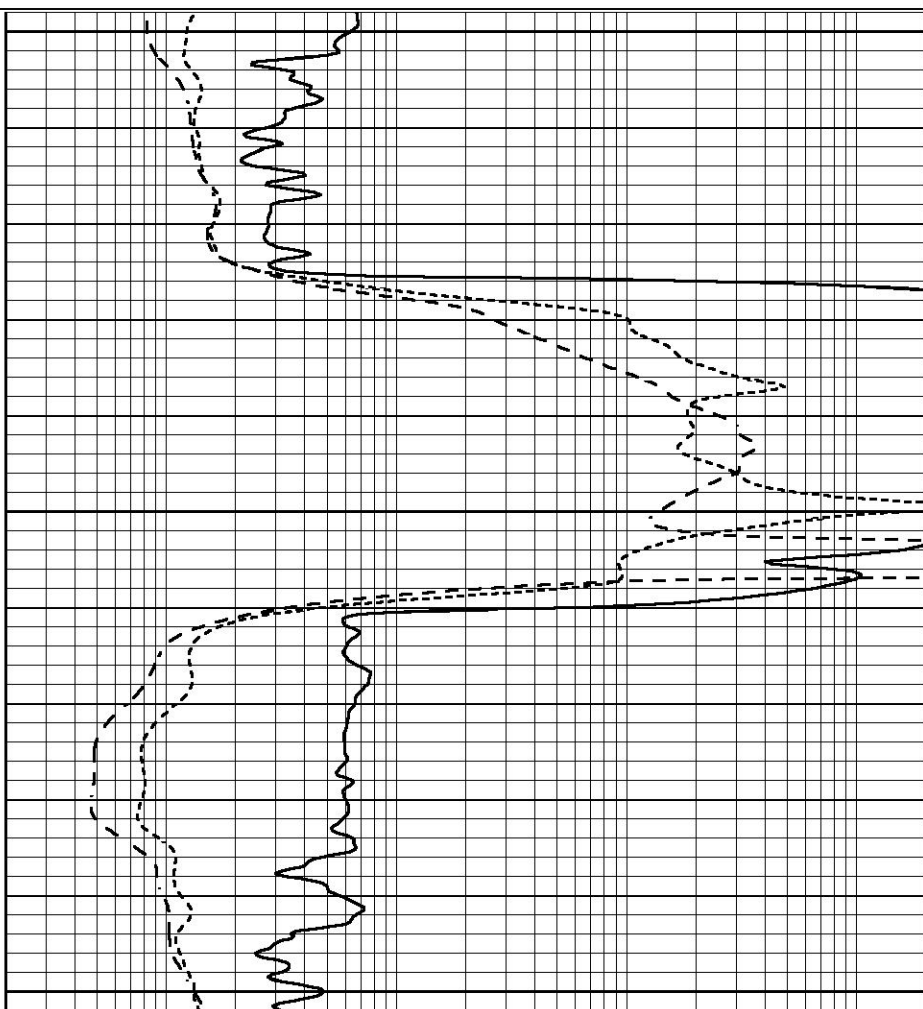


0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

2450

2500

2550



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

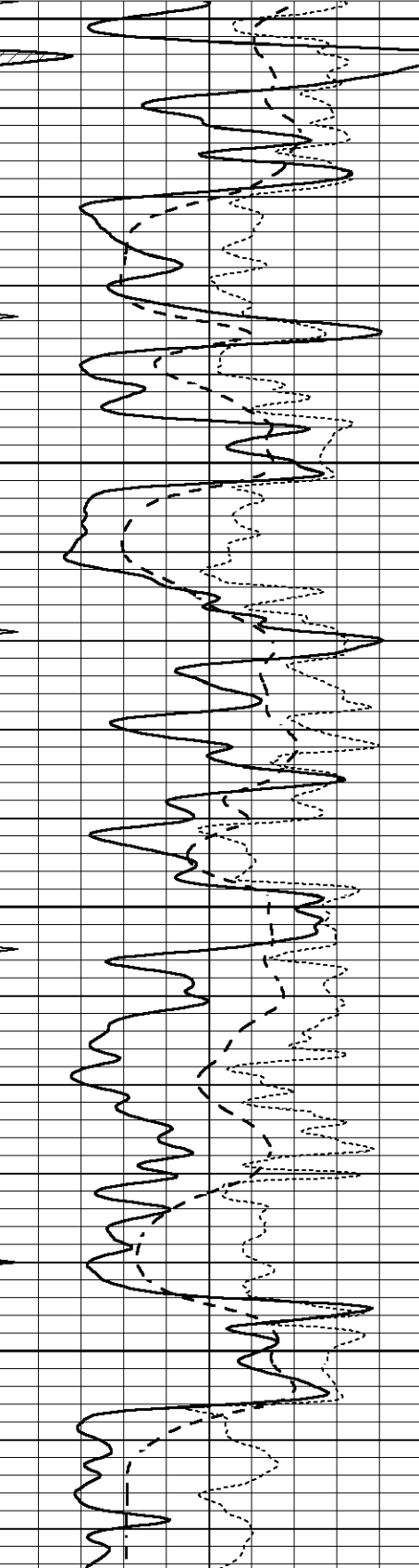


MAIN SECTION

Database File 6349ddn.db
Dataset Pathname pass3.1M
Presentation Format _dil
Dataset Creation Mon Aug 08 13:11:26 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

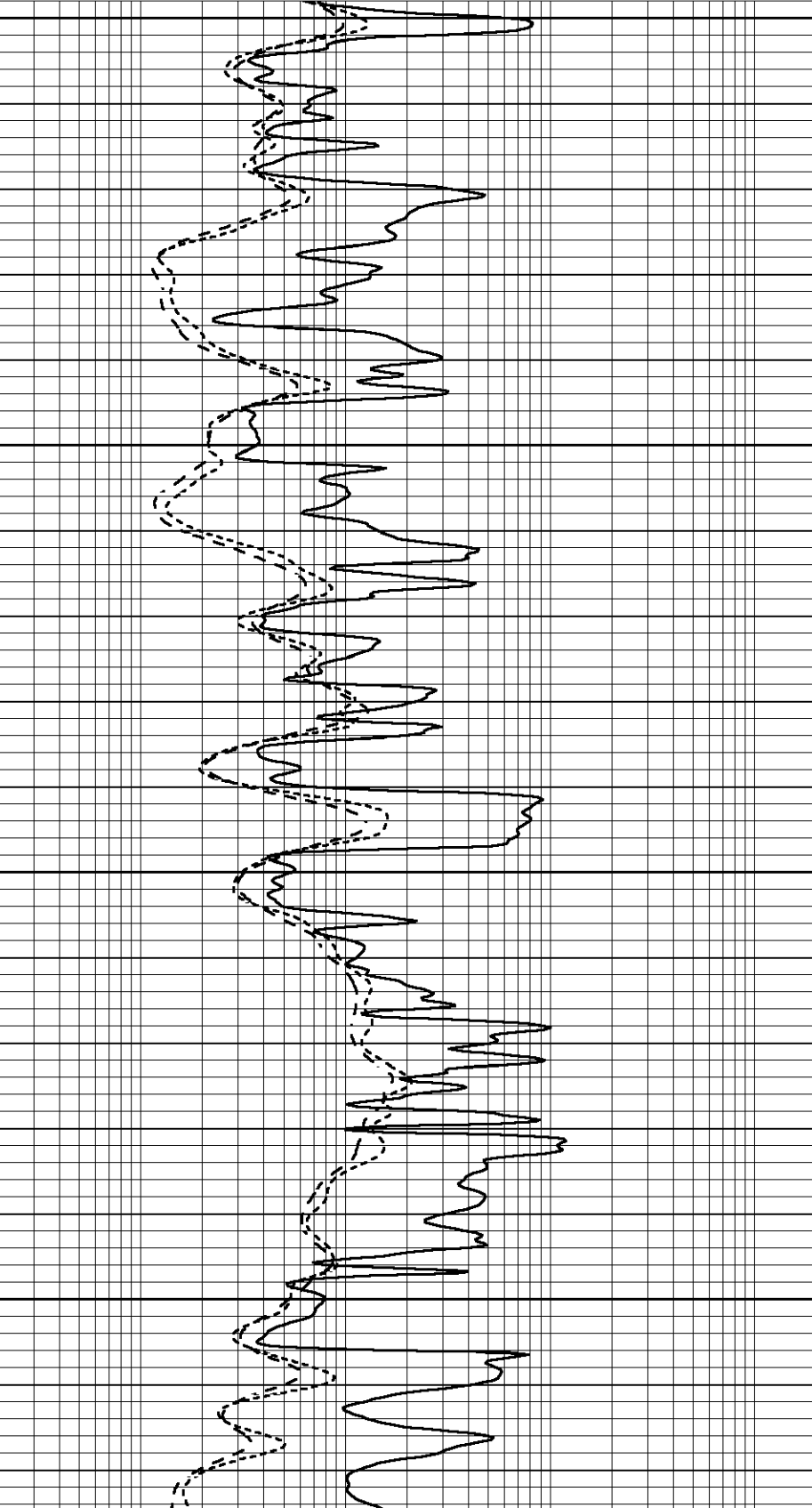


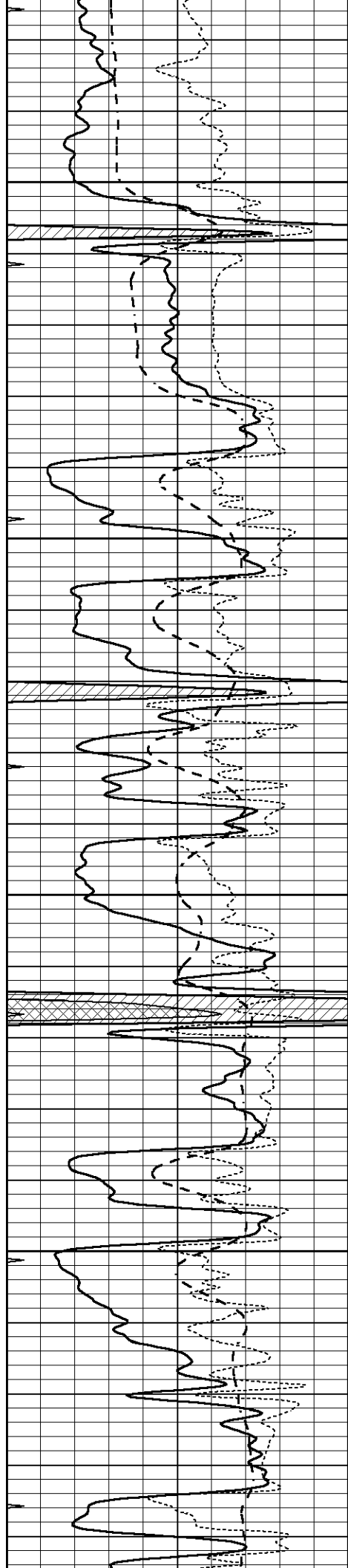
3600

3650

3700

3750



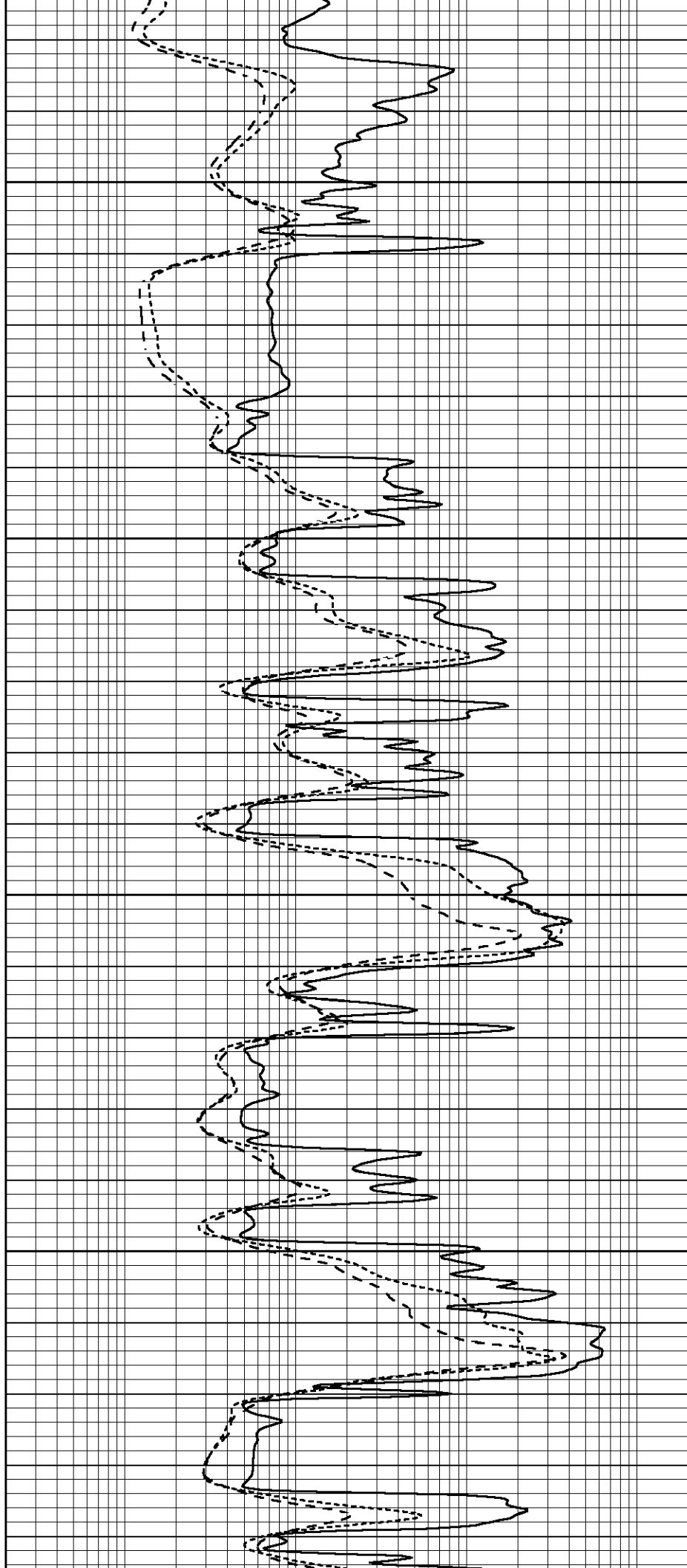


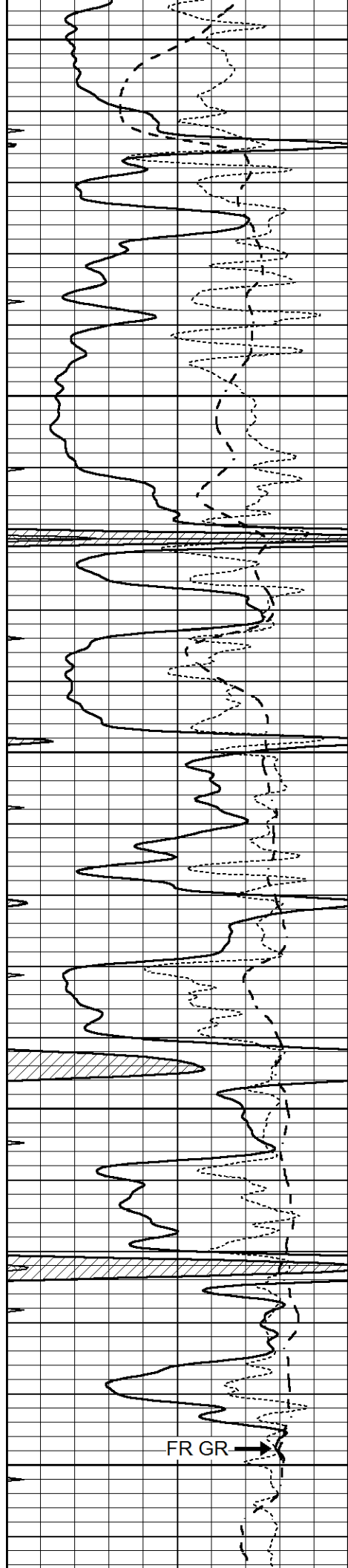
3800

3850

3900

3950





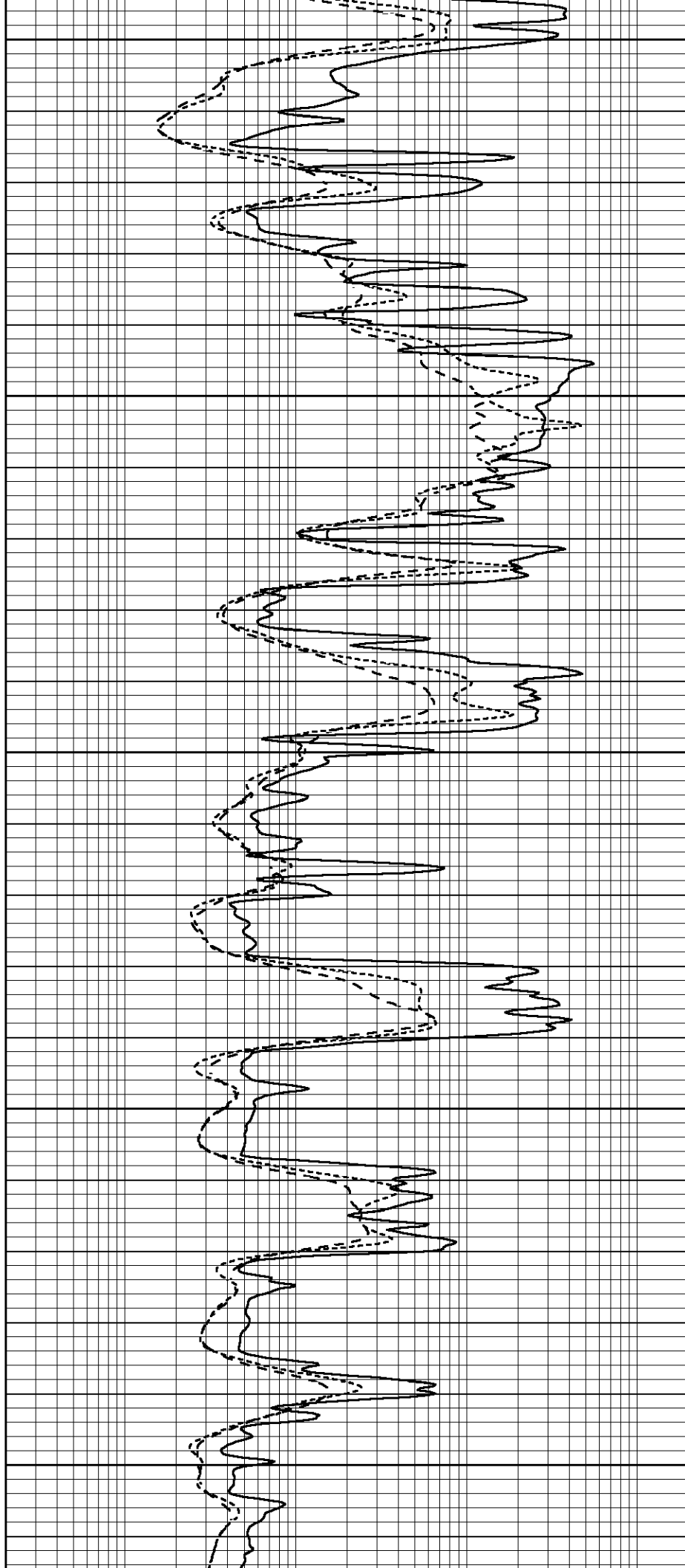
4000

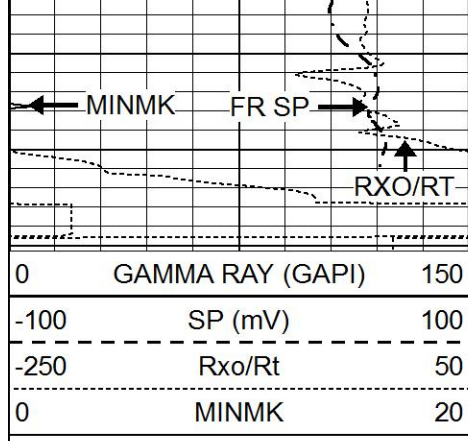
4050

4100

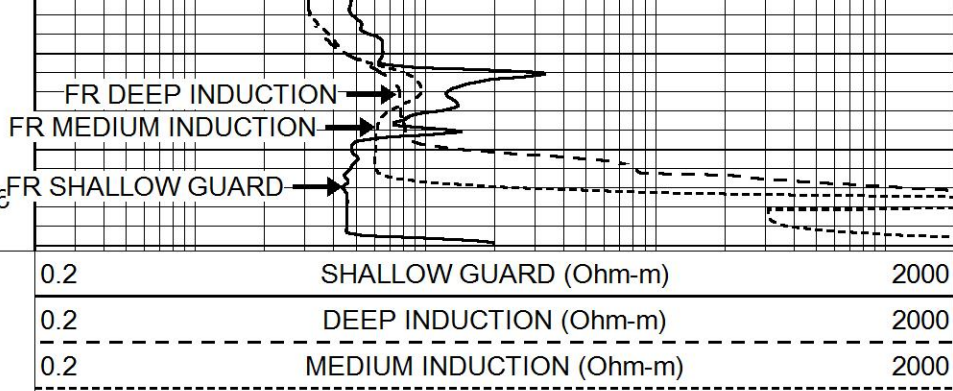
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4200



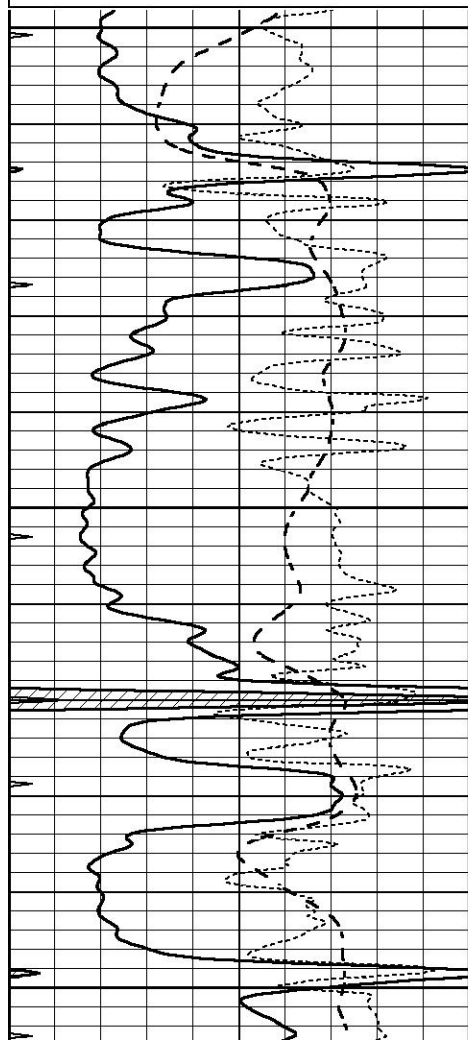
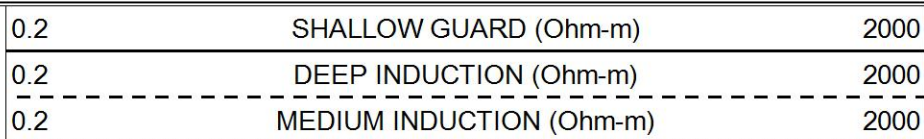
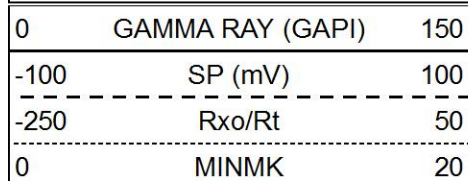


LTD 4236



REPEAT SECTION

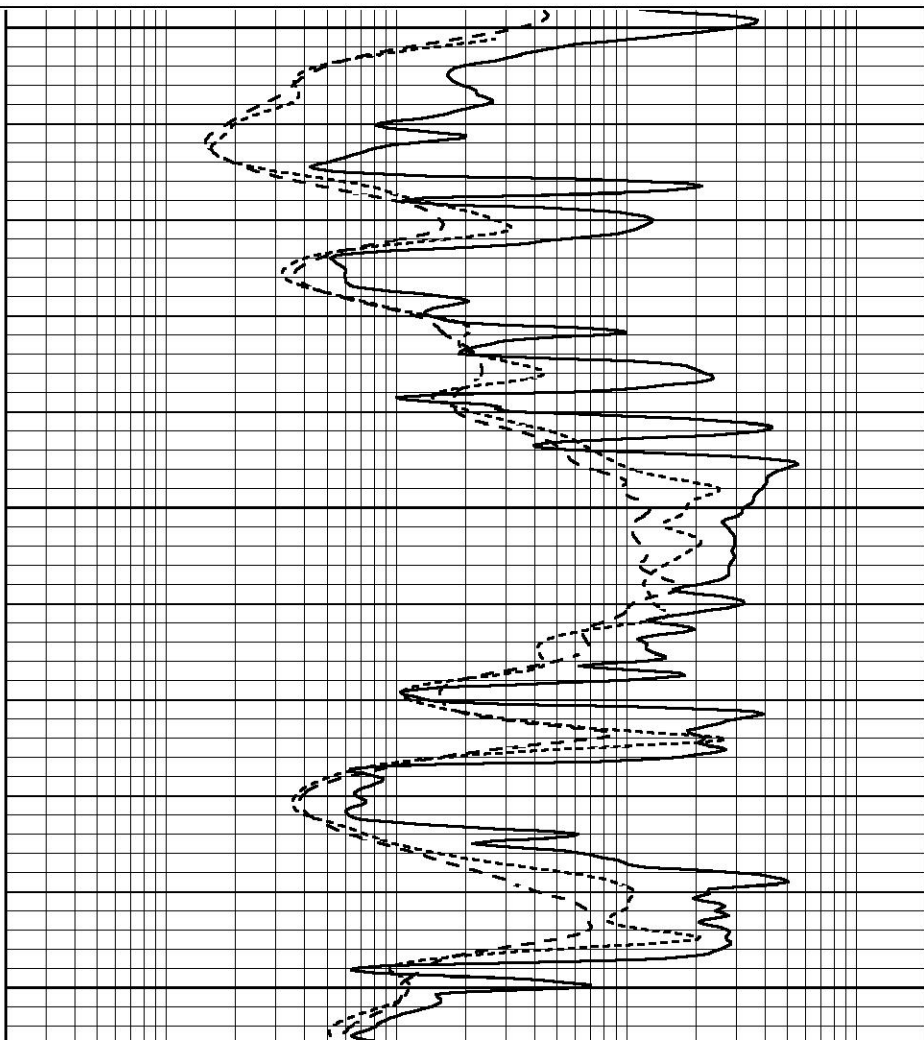
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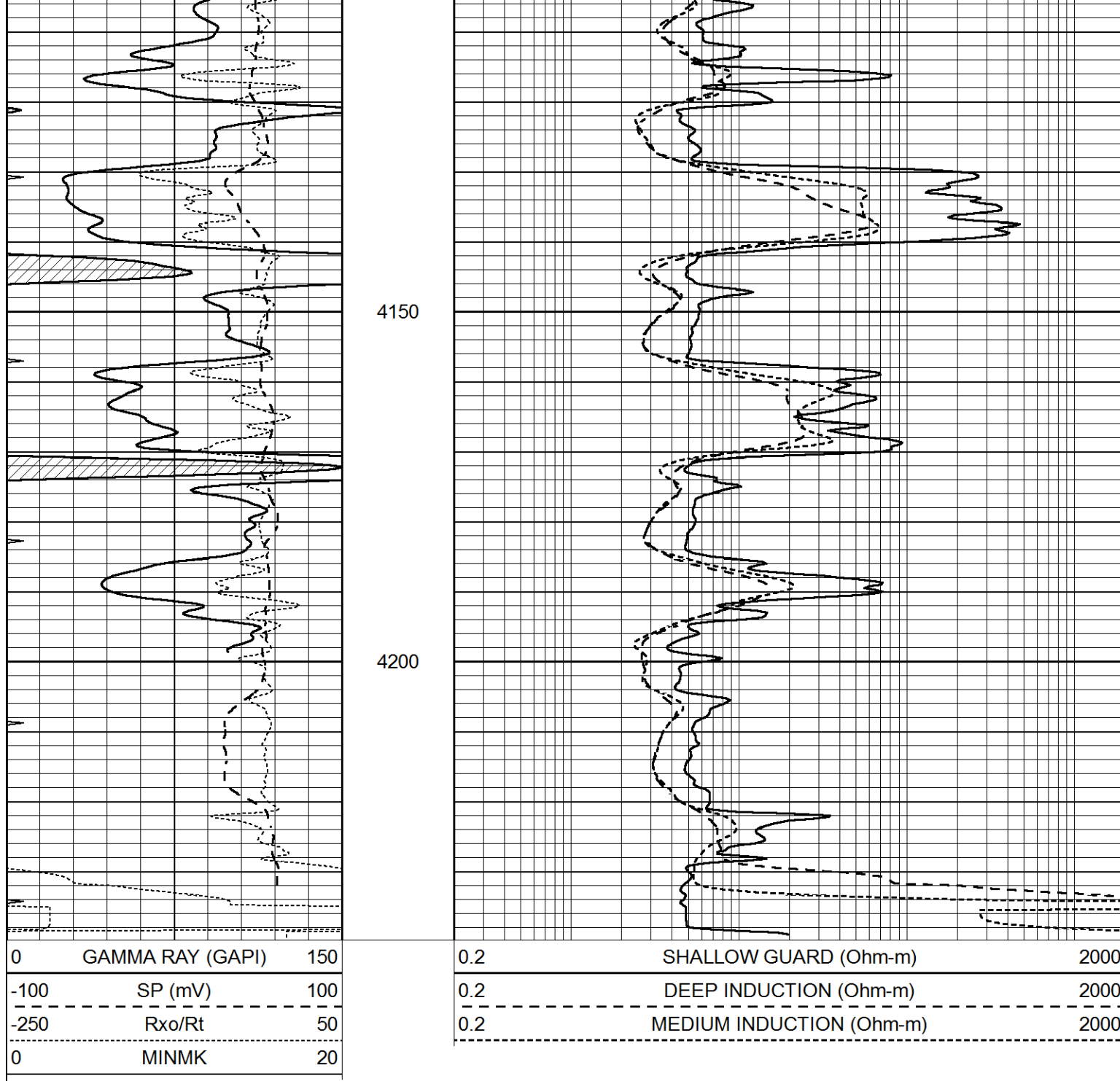


4000

4050

4100





Calibration Report

Database File 6349ddn.db
 Dataset Pathname pass3.1M
 Dataset Creation Mon Aug 08 13:11:26 2022

Dual Induction Calibration Report

Serial-Model: PROBE8-DILG
 Surface Cal Performed: Fri Aug 05 13:11:07 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	-5.000
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 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
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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 Aug 05 14:29:37 2022	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.3000	GAPI/cps