

DUAL INDUCTION LOG

Company BLUERIDGE PETROLEUM CORPORATION
 Well CITY OF OBERLIN #3-1
 Field POLLNOW SOUTHEAST
 County DECATUR
 State KANSAS

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 Well CITY OF OBERLIN #3-1
 Field POLLNOW SOUTHEAST
 County DECATUR State KANSAS

Location: API #: 15-039-21298-0000
 1100 FSL & 1830 FEL
 NW - NE - SW - SE
 SEC 1 TWP 3S RGE 29W
 Permanent Datum GROUND LEVEL Elevation 2548
 Log Measured From KELLY BUSHING 8' A.G.L
 Drilling Measured From KELLY BUSHING
 Other Services
 CDL/CNL
 PEMEL
 Elevation
 K.B. 2556
 D.F. 2554
 G.L. 2548

Date	10/17/23
Run Number	ONE
Depth Driller	3800
Depth Logger	3802
Bottom Logged Interval	3800
Top Log Interval	00
Casing Driller	8.625 @ 221
Casing Logger	221
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.1/58
PH / Fluid Loss	10.0/8.8
Source of Sample	FLOWLINE
Rm @ Meas. Temp	1.30 @ 70F
Rmt @ Meas. Temp	.975 @ 70F
Rmc @ Meas. Temp	1.56 @ 70F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	.799 @ 114F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	2:15 P.M.
Maximum Recorded Temperature	114F
Equipment Number	3802
Location	HAYS, KANSAS
Recorded By	COLE ROBBEN
Witnessed By	JIM MUSGROVE

<<< Fold Here >>>

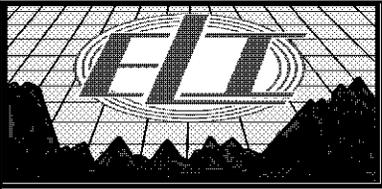
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 SERVICES, HAYS, KS. (785) 628-6395

DIRECTIONS:

NORTH INTO THE TOWN OF OBERLIN ON HIGHWAY 83, EAST ON HALL STREET TO SOUTHEAST
 SOUTH ONE BLOCK, SOUTHEAST INTO FIELD

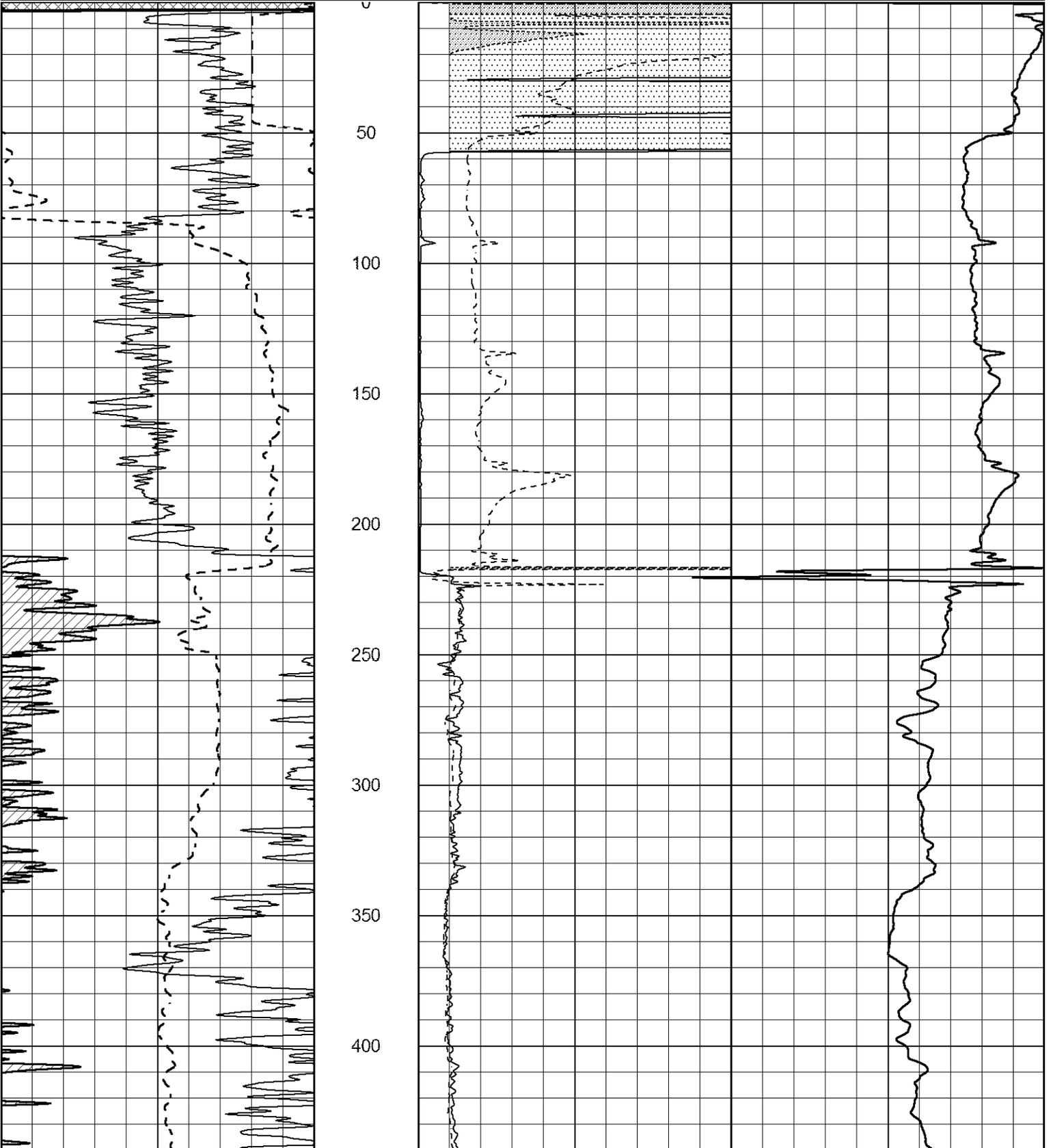


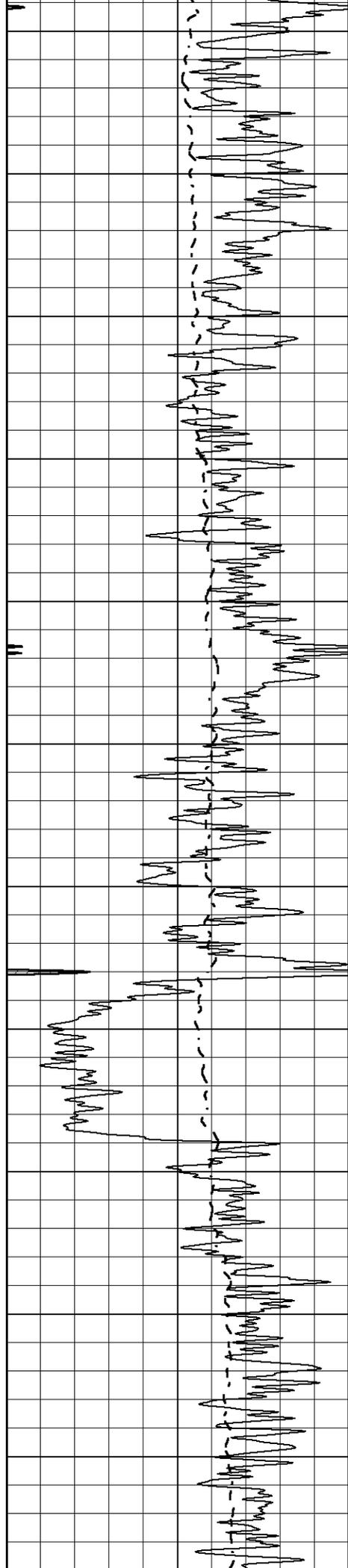
MAIN SECTION

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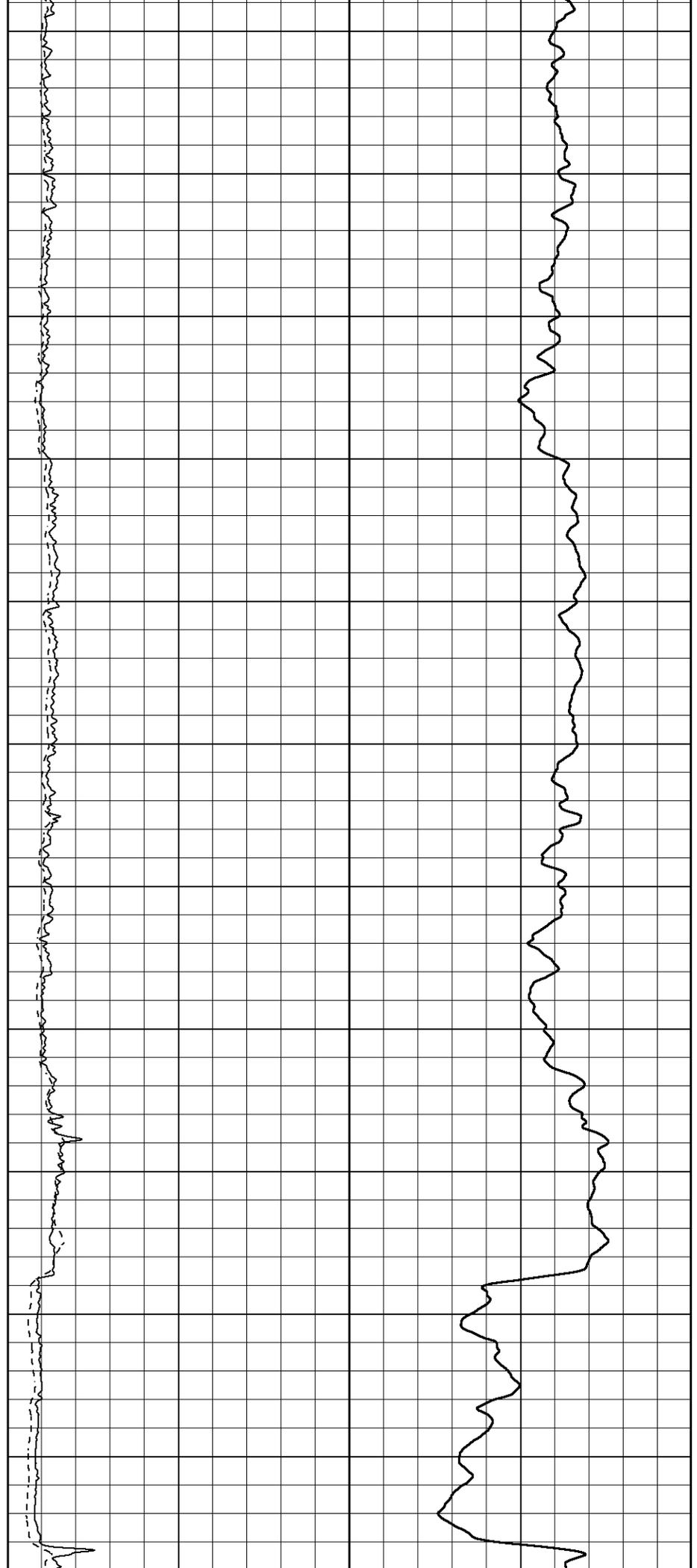
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 -100 SP (mV) 100

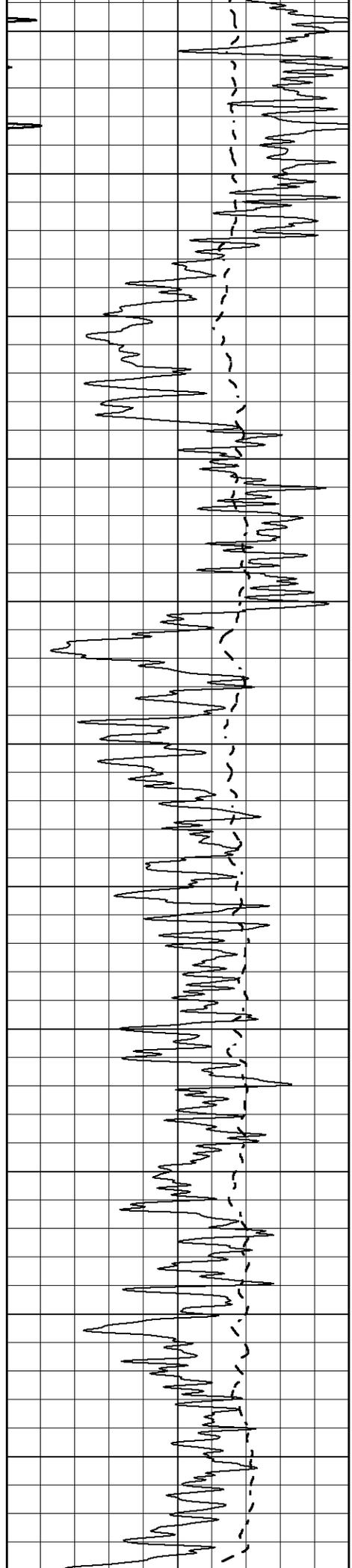
1000 CILD (mmho/m) 0
 0 RLL3 (Ohm-m) 50
 0 Deep Induction (Ohm-m) 50
 50 RILD X10 (Ohm-m) 500
 50 RLL3 X10 (Ohm-m) 500



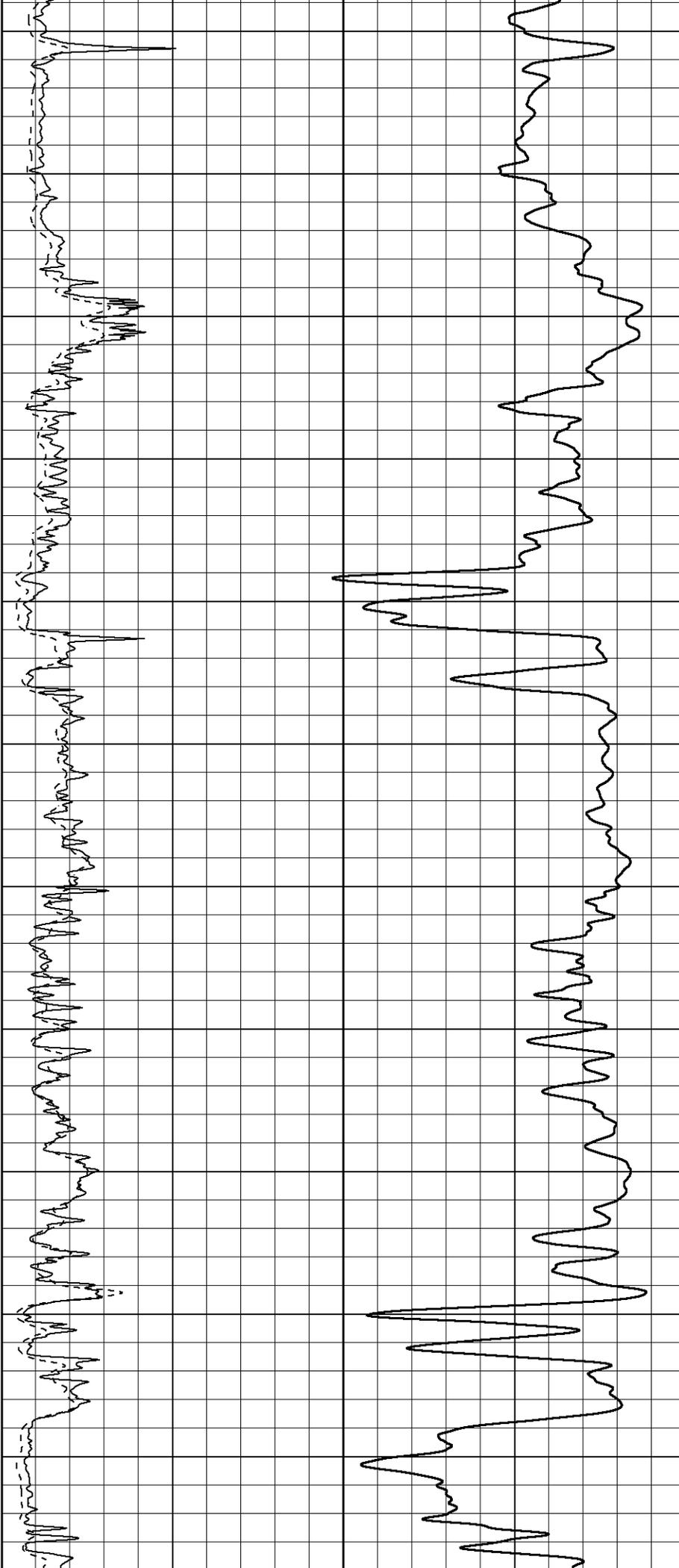


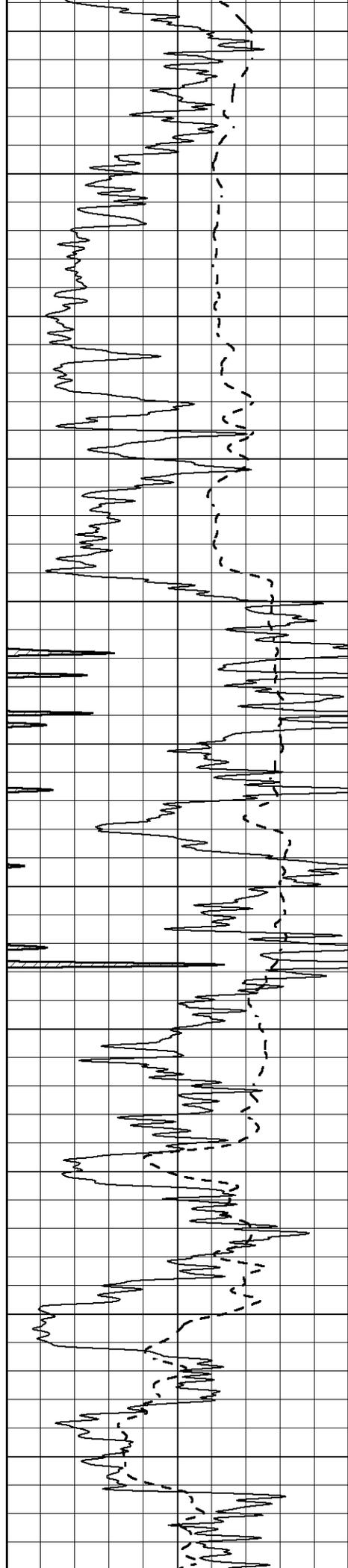
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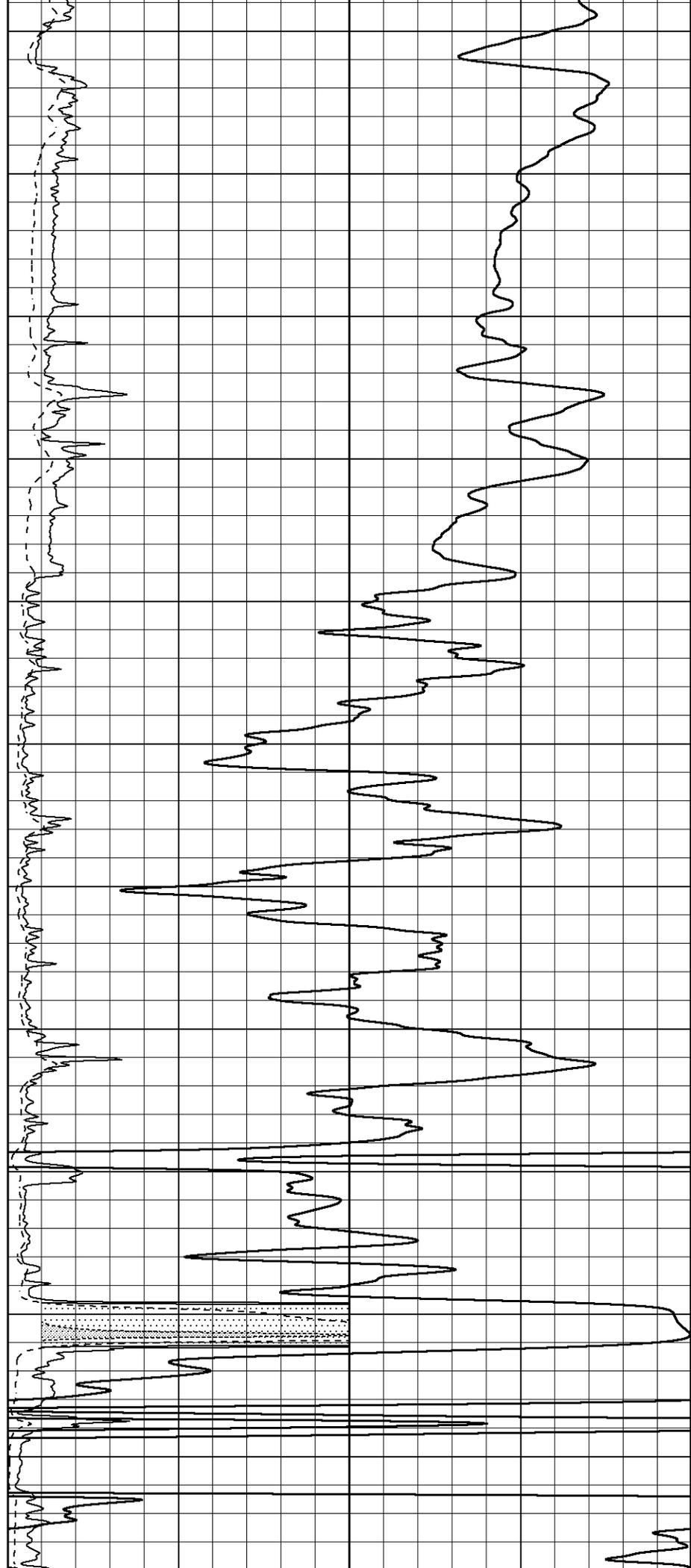


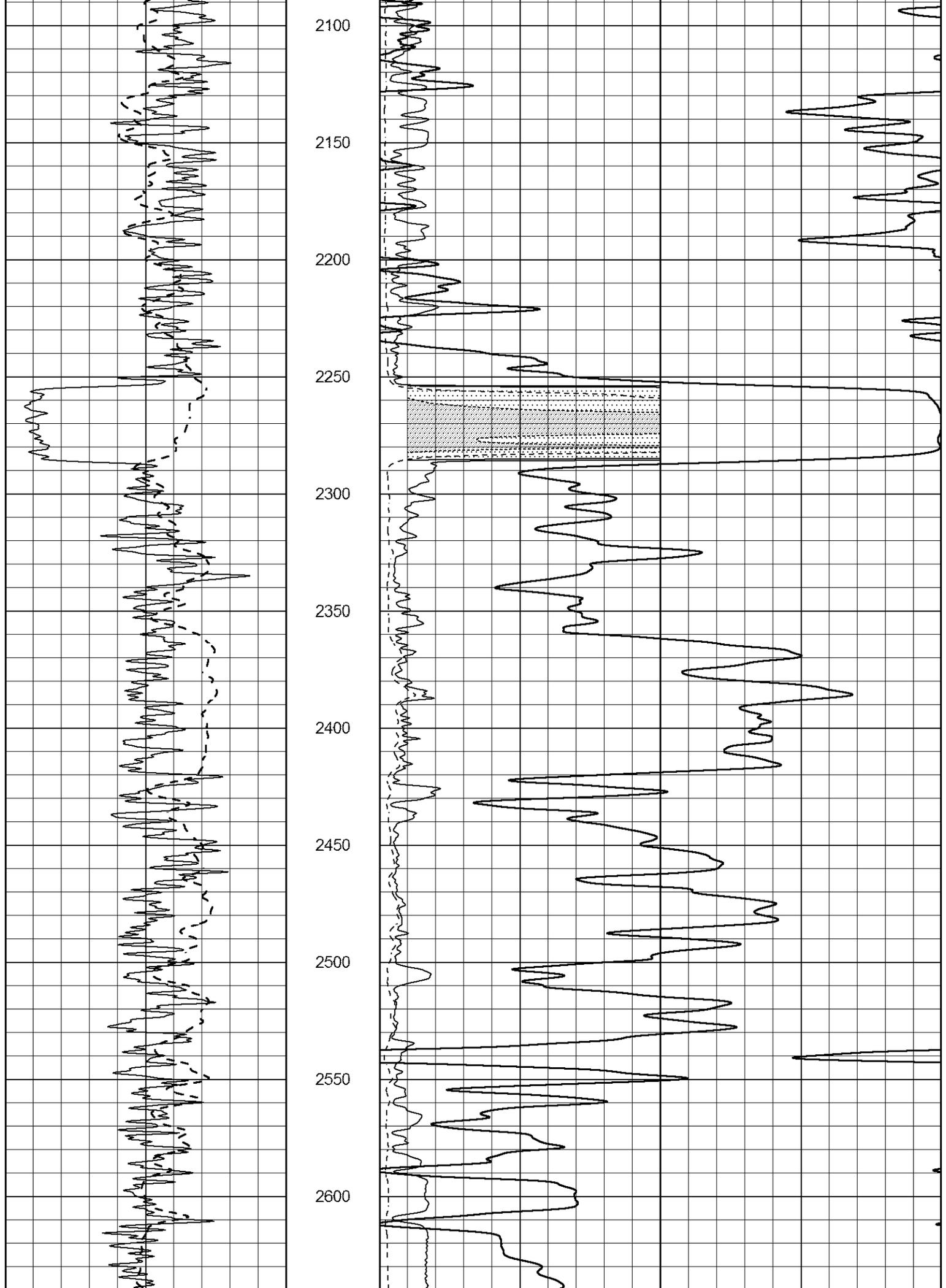
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1400
1450
1500



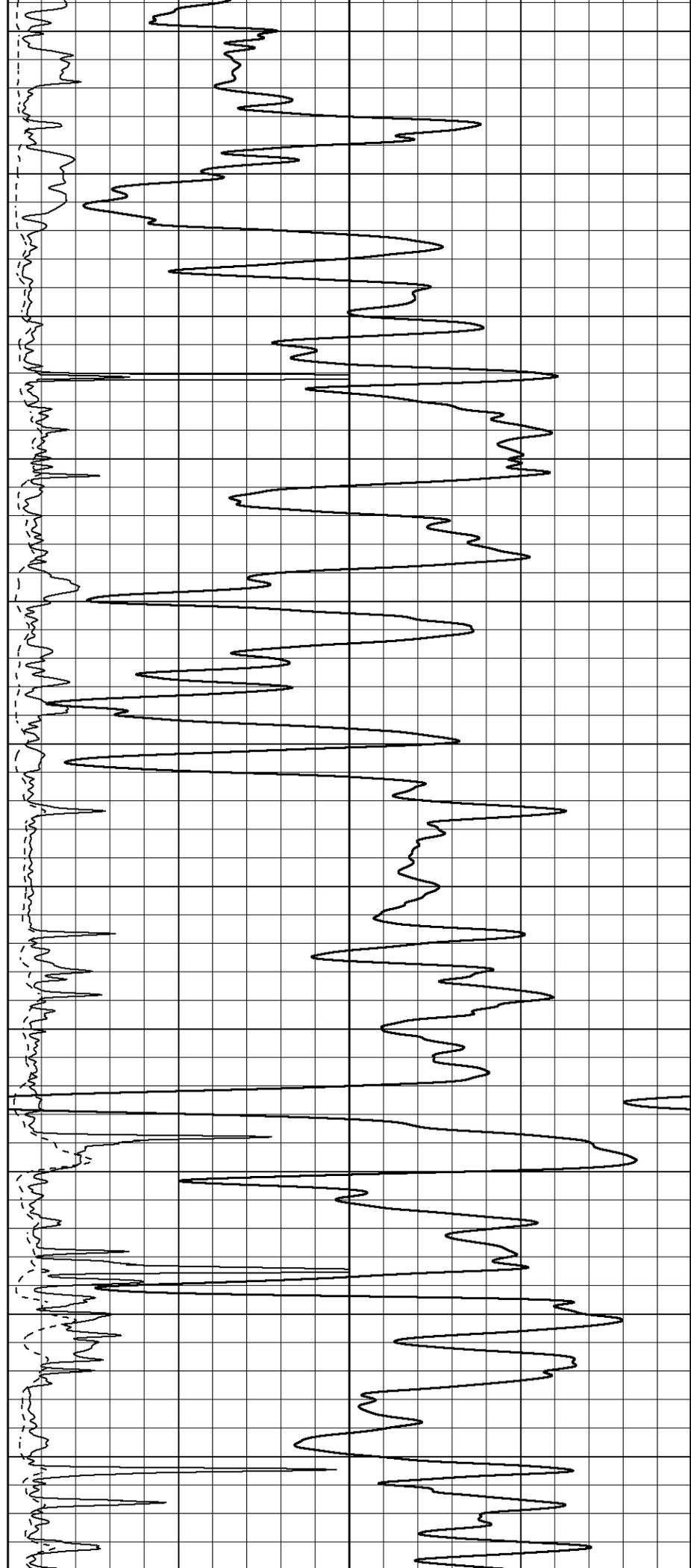


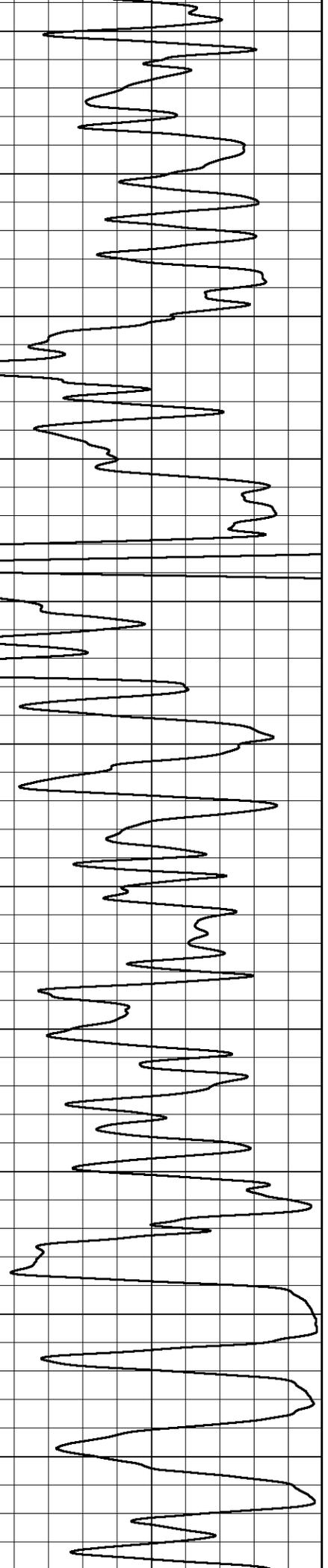
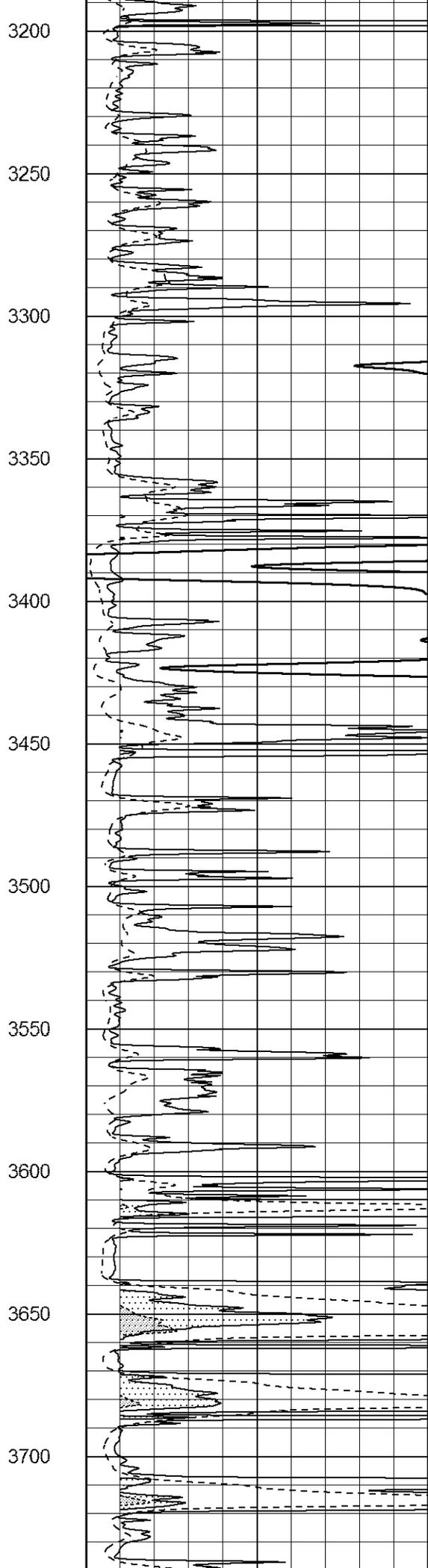
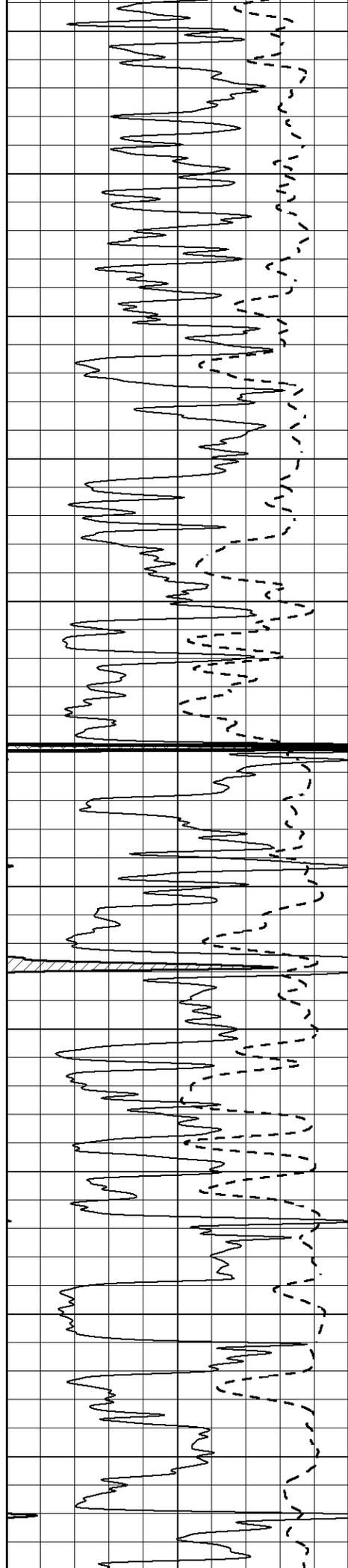
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2000
2050

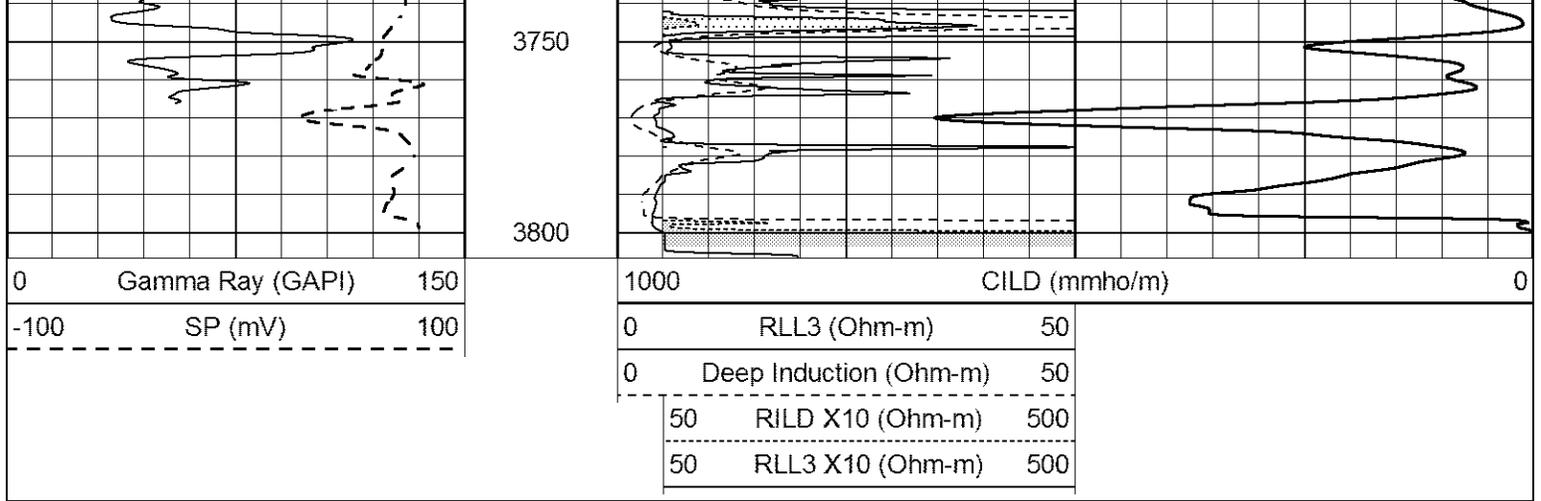




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3150

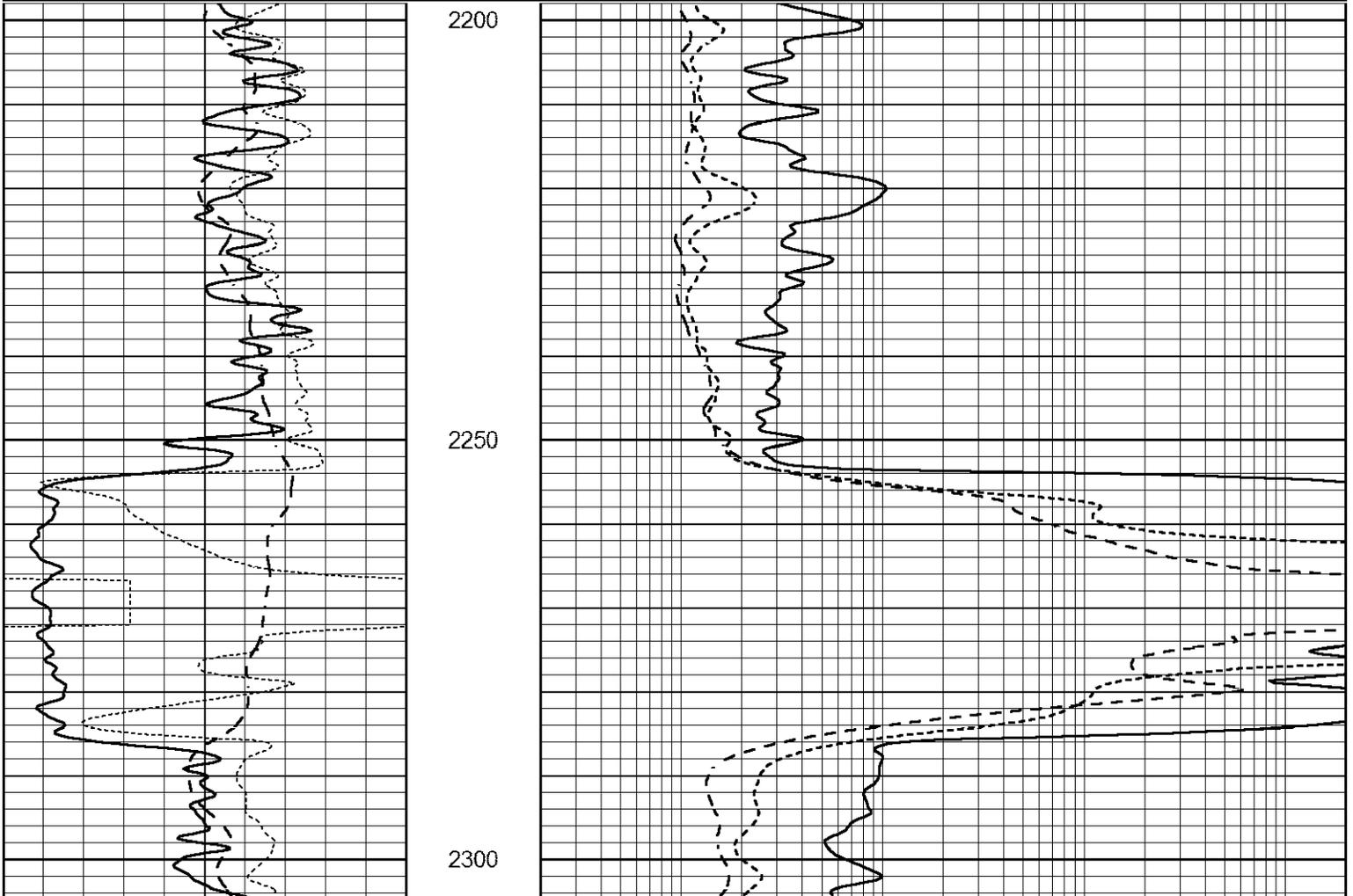
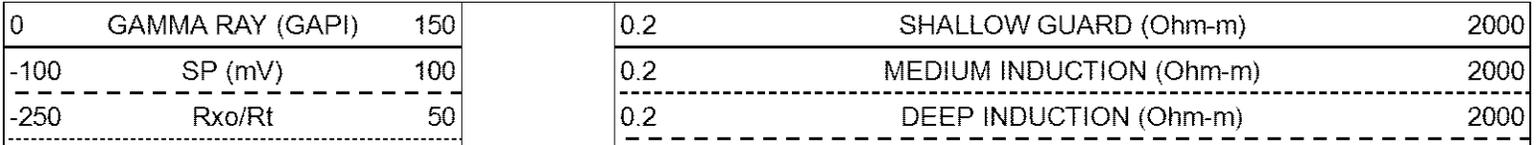


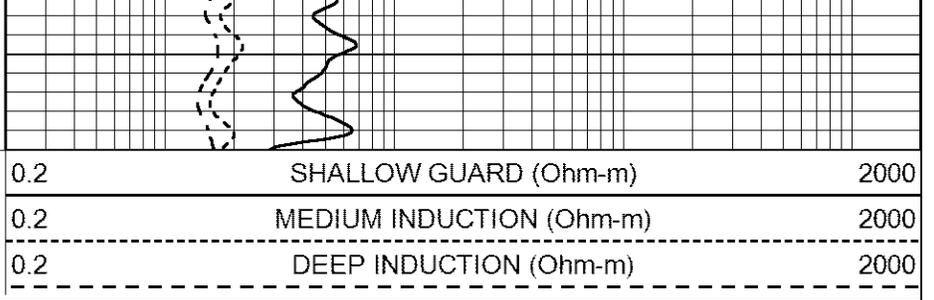
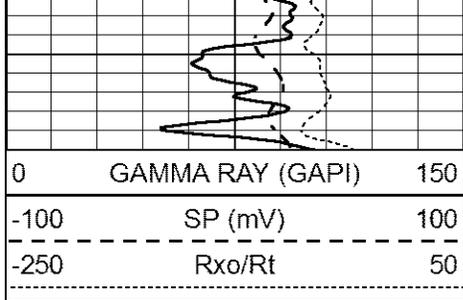




ANHYDRITE

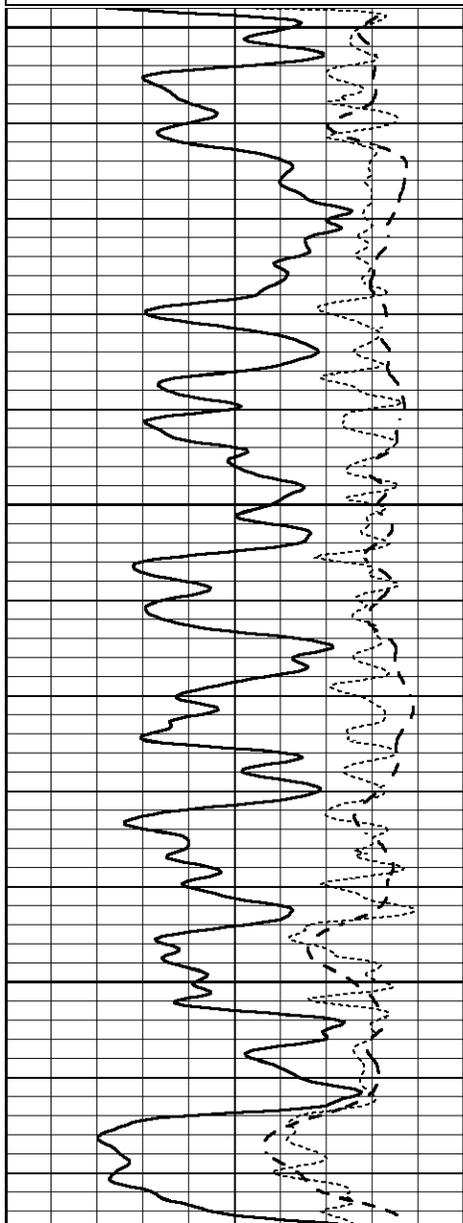
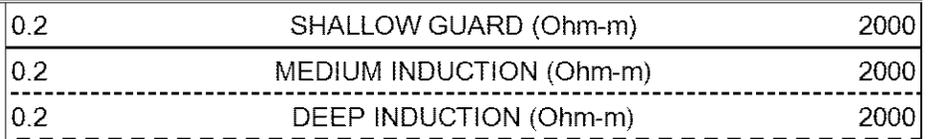
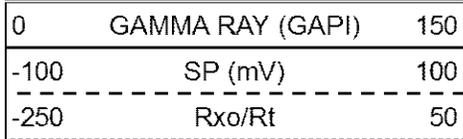
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MAIN SECTION

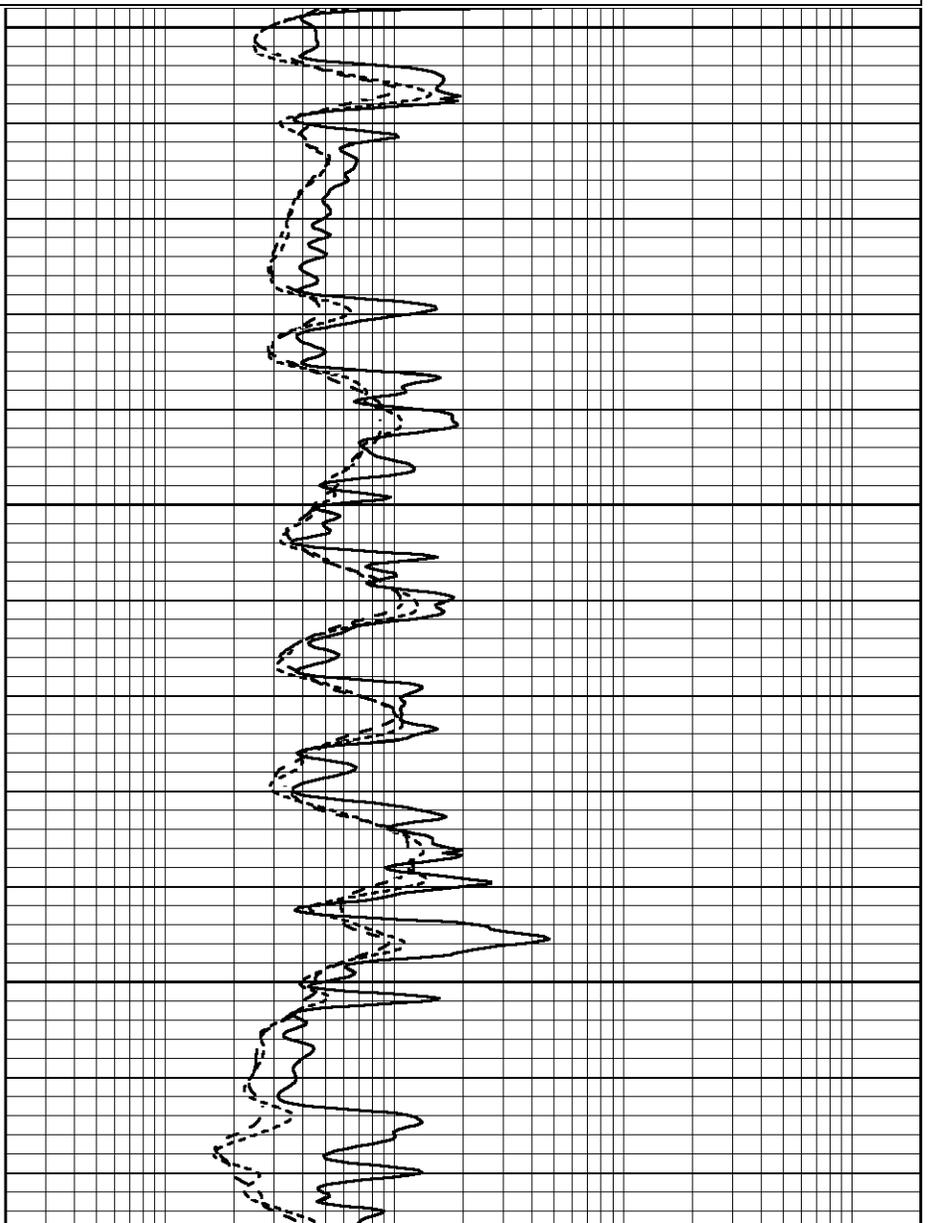
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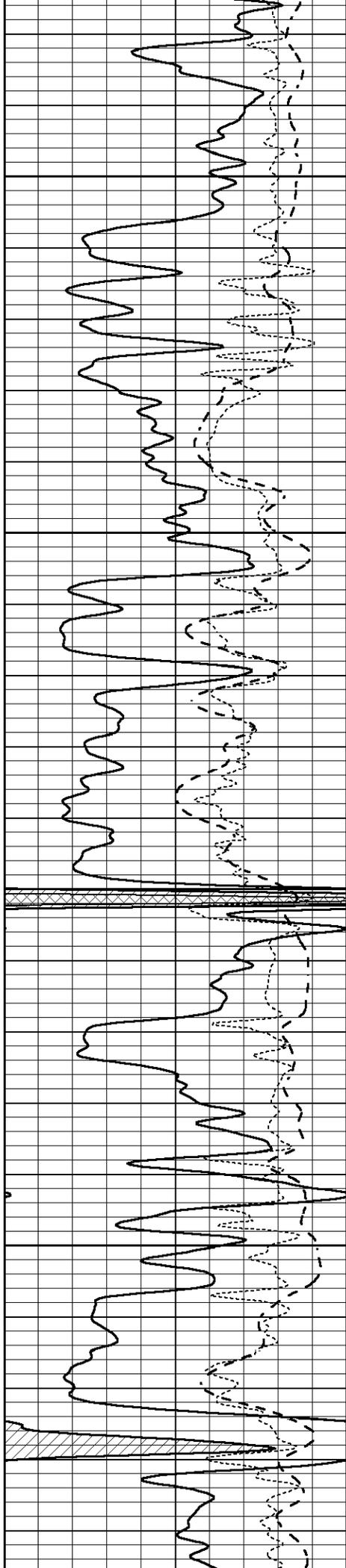


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3250

3300



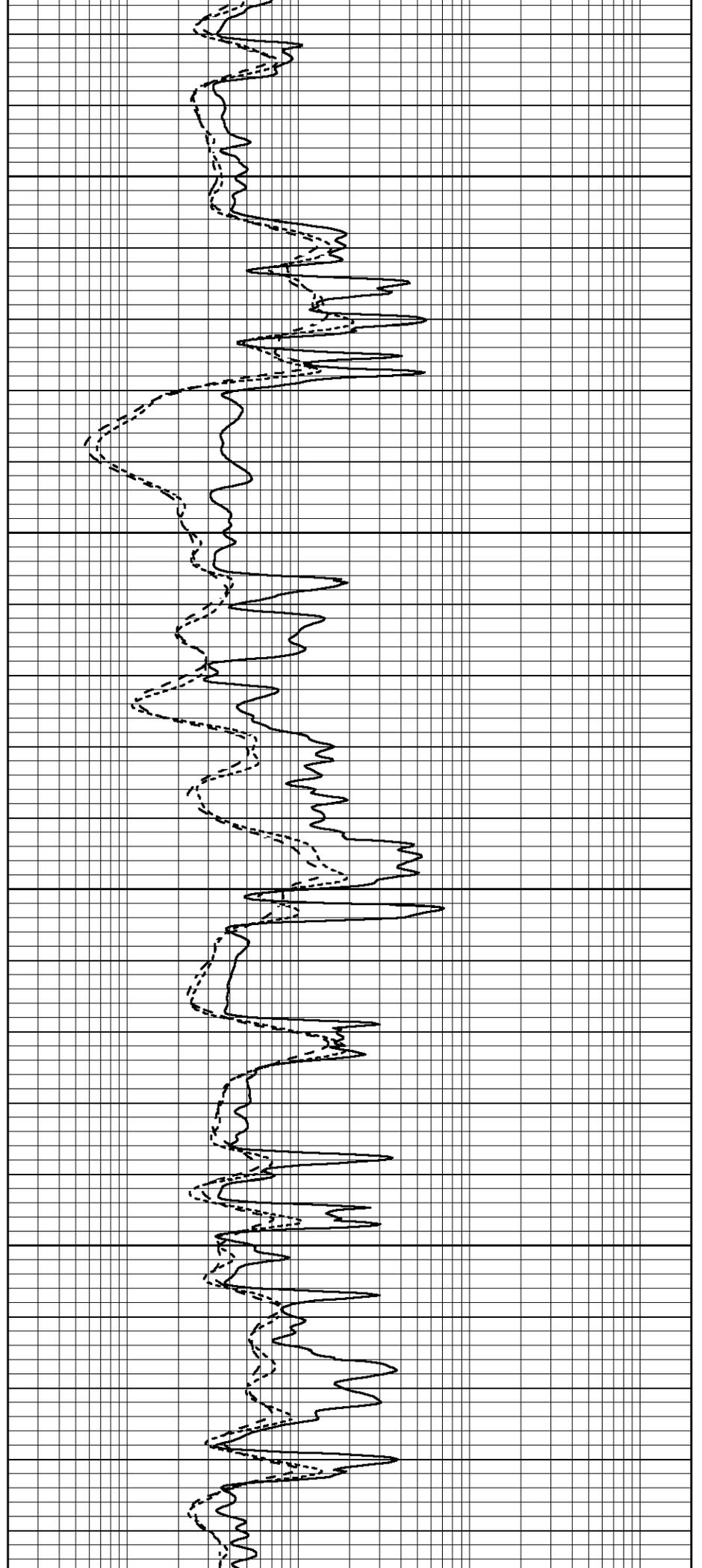


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3400

3450

3500





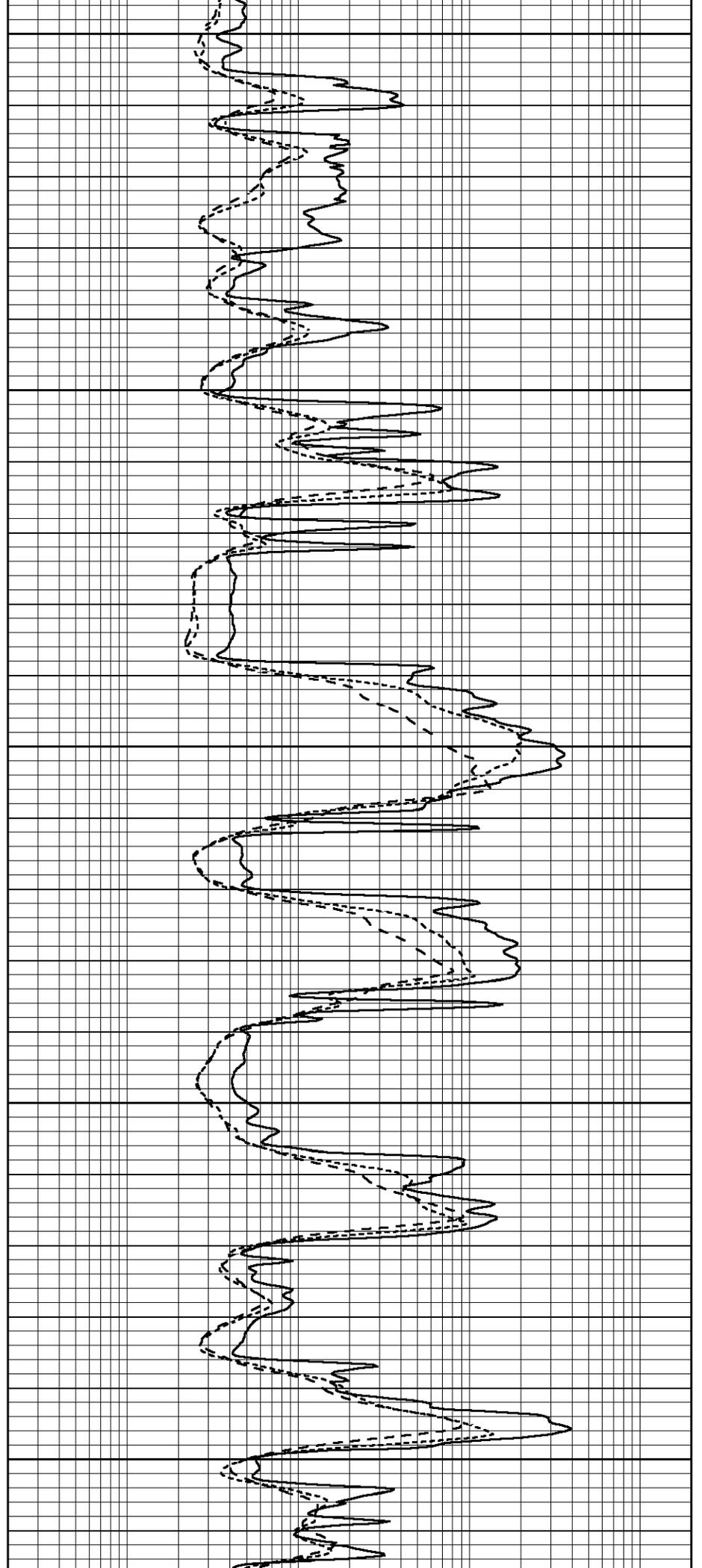
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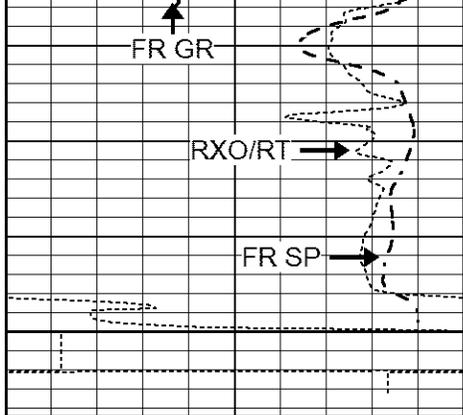
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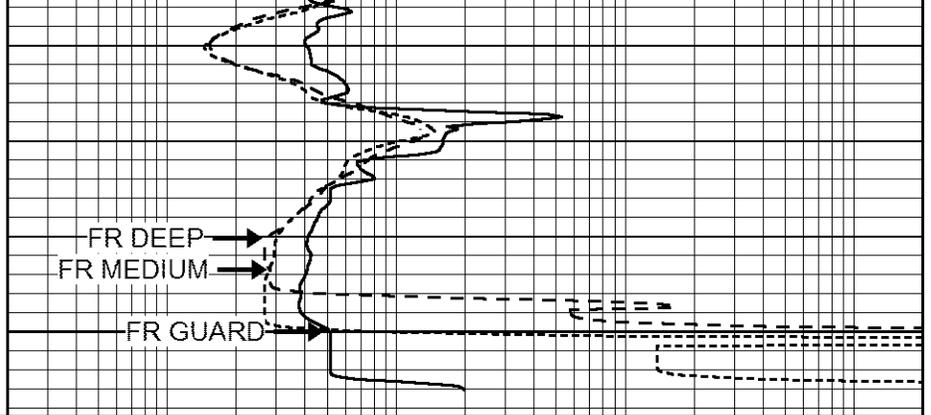
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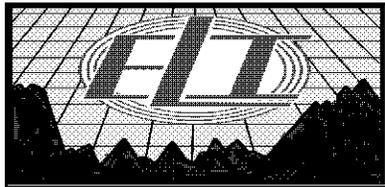


3800
LTD 3802



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

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

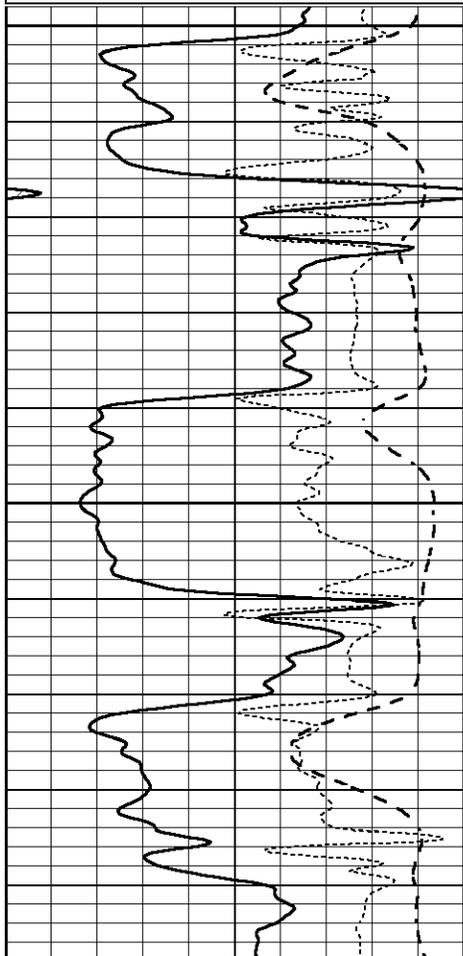


REPEAT SECTION

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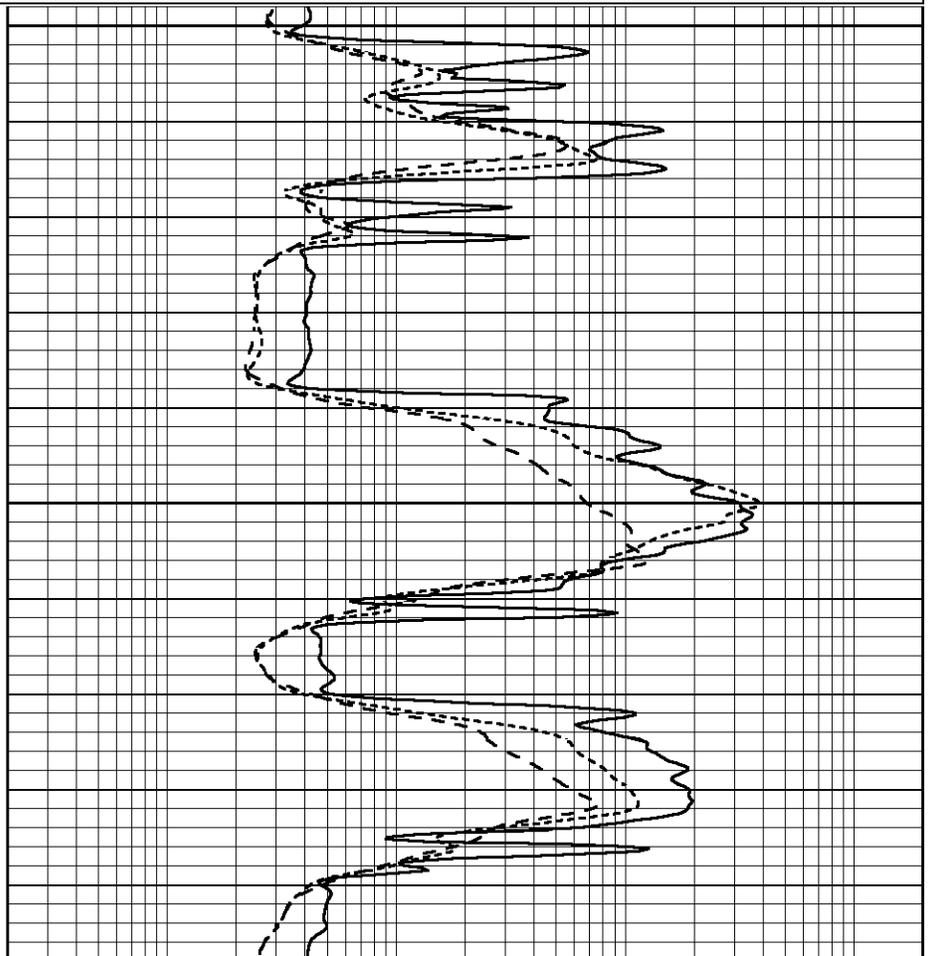
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

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



3600

3650



	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.824	395.917	mmho/m	-0.976	397.550	mmho/m	1.004	-0.149
Medium	3.565	471.327	mmho/m	3.468	471.590	mmho/m	1.001	-0.099
LL3		7.503	V		1500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.481	V		3745.000	mmho-m		

After Survey Verification								
	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	3.565	471.327	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Litho Density Calibration Report
Serial: 140704
Model: V4_10P
Source Number: 74GBq-19

Master Calibration				Performed: Fri May 12 10:26:47 2023			
	Background	Aluminum		Magnesium			
Window 1	521.46	5212.91		23528.37	cps		
Window 2	43.81	1175.90		6160.42	cps		
Window 4	226.45	1217.97		4891.35	cps		
Window 5	519.17	8959.34		17037.10	cps		
Window 6	39.35	1453.85		2926.68	cps		
Window 8	253.66	2919.24		5361.51	cps		
Bulk Density	-	2.6020		1.6830	g/cc		
Pe	-	3.0000		2.5070	b/e		
LS Alpha:	: -1.7699	SS Alpha:	: -0.7448	LS CPE:		: 1.1844	
LS Beta:	: 101708.6271	SS Beta:	: 19263.5258	SS CPE:		: 1.5835	

Before Survey Background Counts Verification			Performed: Wed Dec 31 18:00:00 1969		
Window 1	0.00	cps			
Window 2	0.00	cps			
Window 4	0.00	cps			
Window 5	0.00	cps			
Window 6	0.00	cps			
Window 8	0.00	cps			

After Survey Background Counts Verification			Performed: Wed Dec 31 18:00:00 1969		
Window 1	0.00	cps			
Window 2	0.00	cps			
Window 4	0.00	cps			
Window 5	0.00	cps			
Window 6	0.00	cps			
Window 8	0.00	cps			

Lithodensity Caliper Calibration			Performed: Fri May 12 10:26:47 2023		
Results	Readings	References (in)			

Low	High	Low	High	Gain	Offset
1891.2	737.1	6.0	16.0	-0.0	23.9

Before Survey Caliper Verification		Performed:			
	Reference	Reading			
Caliper (in)	_____	_____			

After Survey Caliper Verification		Performed:			
	Reference	Reading			
Caliper (in)	_____	_____			

Compensated Neutron Calibration Report

Serial Number:	080621PMC
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:	7
Tool Model:	Probe1
Performed:	Tue Aug 01 20:36:29 2023
Calibrator Value:	1.0 GAPI
Background Reading:	0.0 cps
Calibrator Reading:	1.0 cps
Sensitivity:	0.4400 GAPI/cps