



DUAL INDUCTION LOG

Company THOROUGHbred ASSOCIATES LLC.
 Well WILSON TRUST #6-2
 Field UNNAMED
 County COMANCHE
 State KANSAS

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 Well WILSON TRUST #6-2
 Field UNNAMED
 County COMANCHE State KANSAS

Location: API #: 15-033-21795-0000
 1685' FNL & 961' FEL
 SE - NW - SE - NE
 SEC 6 TWP 32S RGE 18W
 Permanent Datum GROUND LEVEL Elevation 2118
 Log Measured From KELLY BUSHING 12' A.G.L.
 Drilling Measured From KELLY BUSHING
 Other Services CDL/CNL/PE MEL/SON
 Elevation K.B. 2130
 D.F. 2128
 G.L. 2118

Date	9/16/22
Run Number	ONE
Depth Driller	5973
Depth Logger	5975
Bottom Logged Interval	5973
Top Log Interval	00
Casing Driller	8 5/8" @ 140
Casing Logger	140
Bit Size	7 7/8
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.4/48
PH / Fluid Loss	10.0/10.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.850 @ 80F
Rmt @ Meas. Temp	.638 @ 80F
Rmc @ Meas. Temp	1.02 @ 80F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	.507 @ 134F
Time Circulation Stopped	2.5 HOURS
Time Logger on Bottom	8:30 A.M.
Maximum Recorded Temperature	134F
Equipment Number	3802
Location	HAYS, KANSAS
Recorded By	COLE ROBBEN
Witnessed By	AARON YOUNG

<<< Fold Here >>>

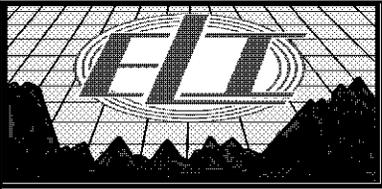
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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:

FROM COLDWATER, KS. 1 MILE NORTH TO HIGHWAY 160/183, 1 MILE WEST, 1/2 MILE NORTH, WEST INTO

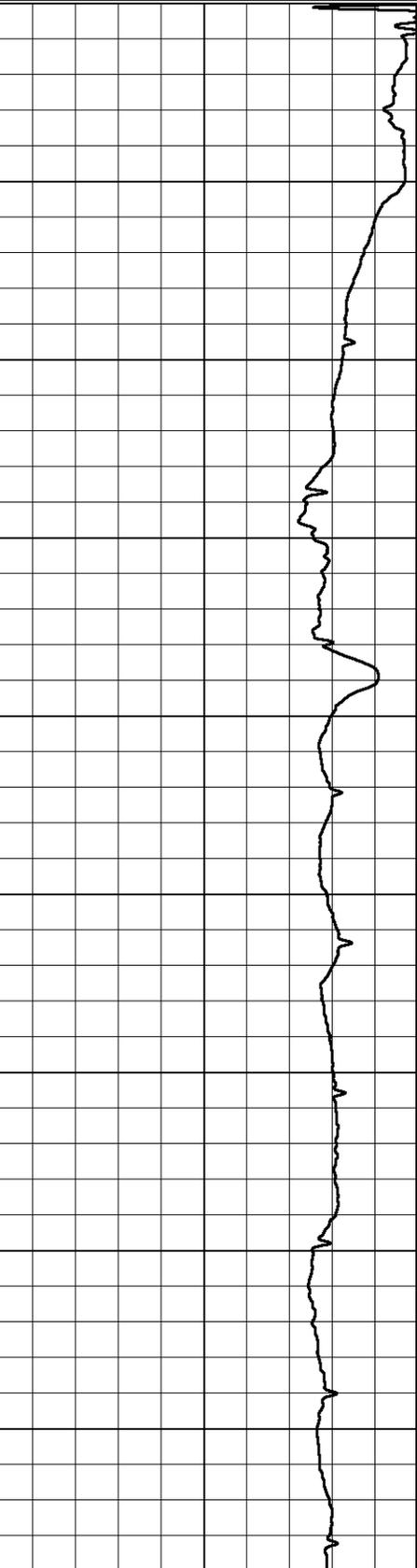
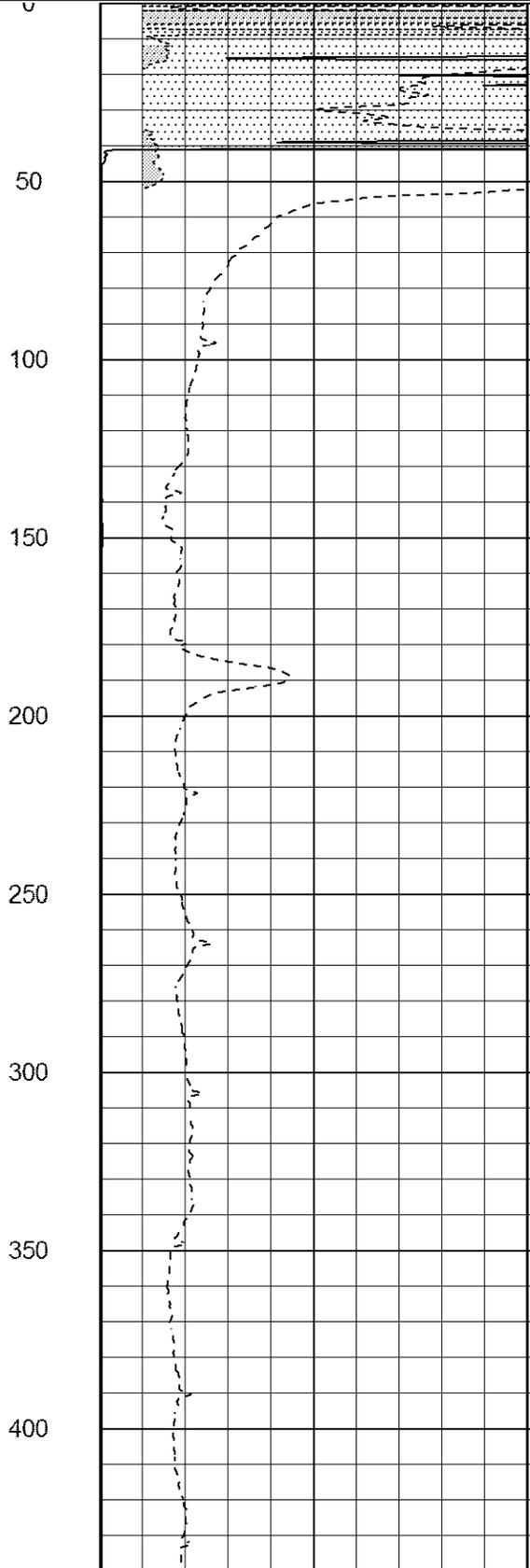
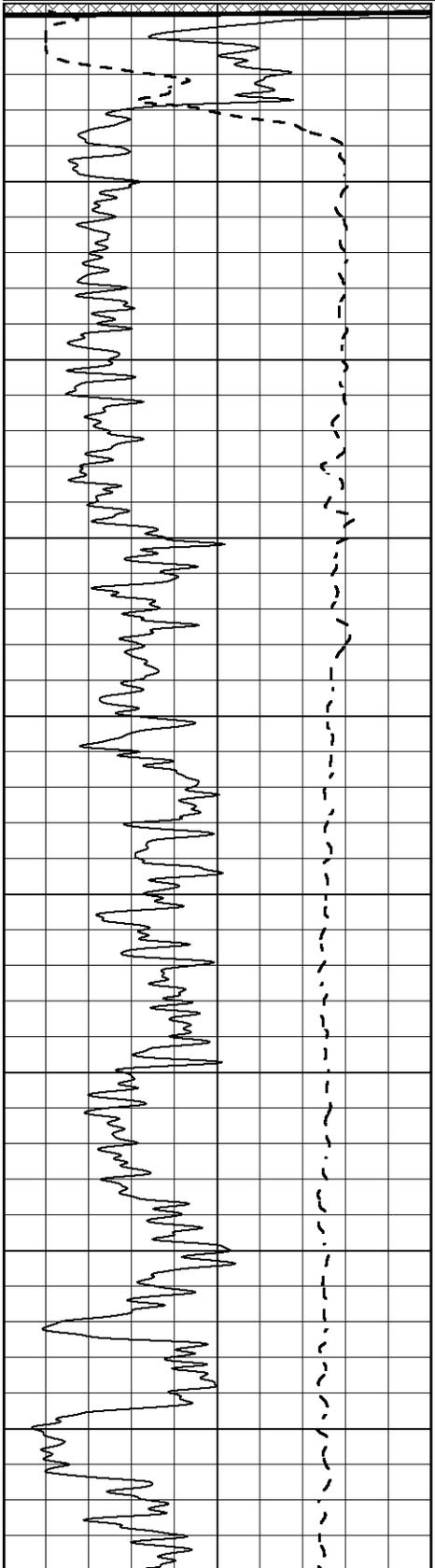


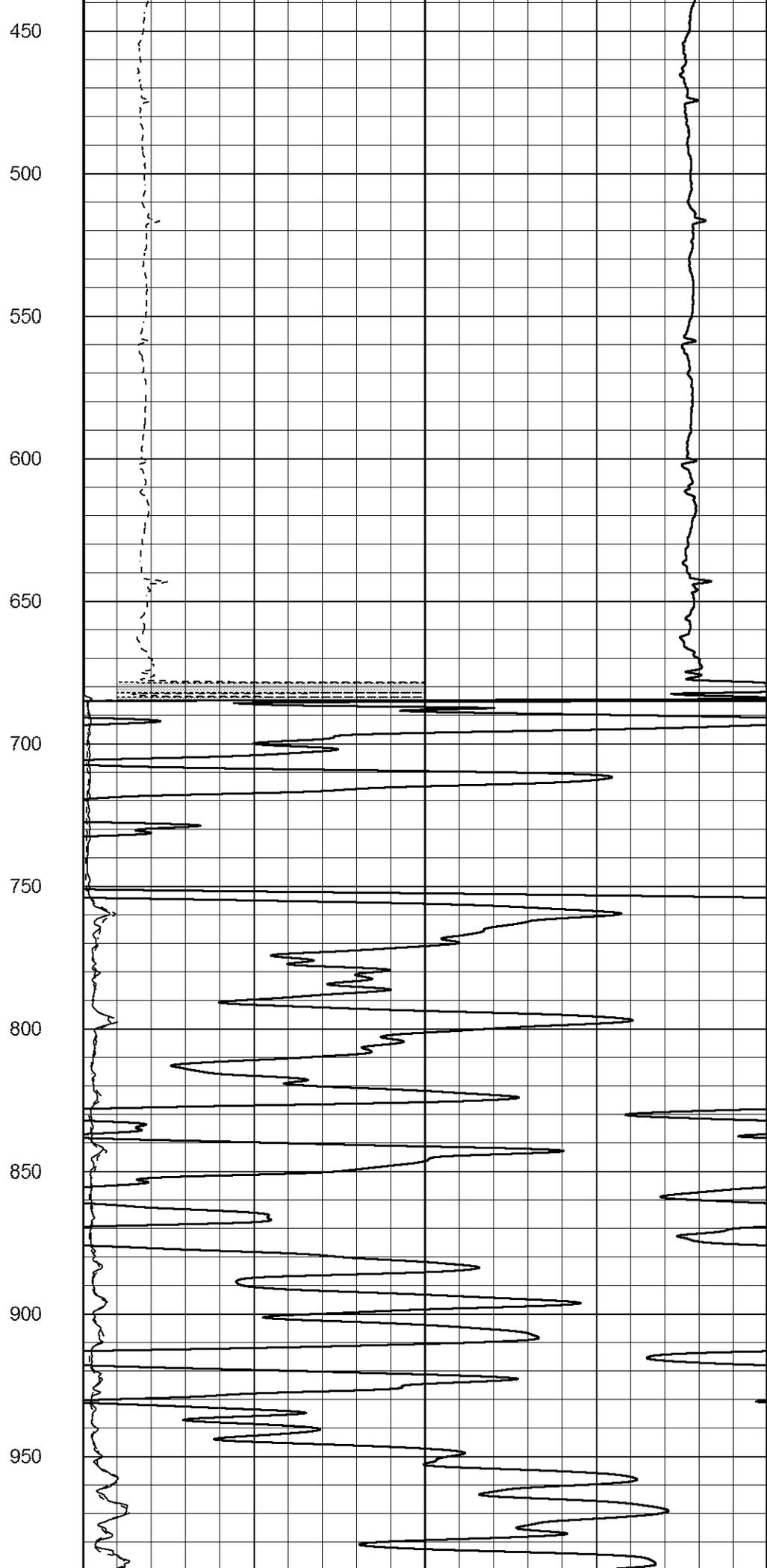
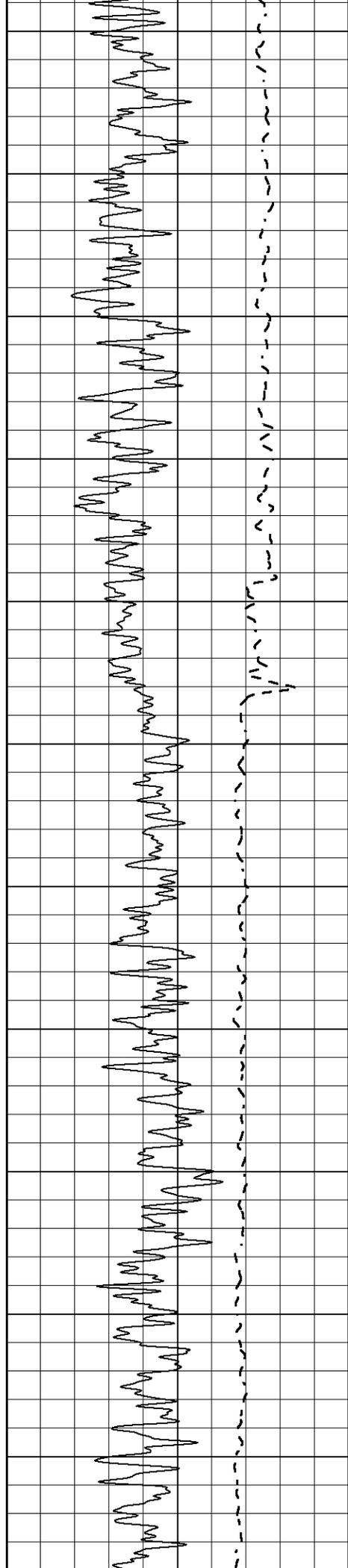
MAIN SECTION

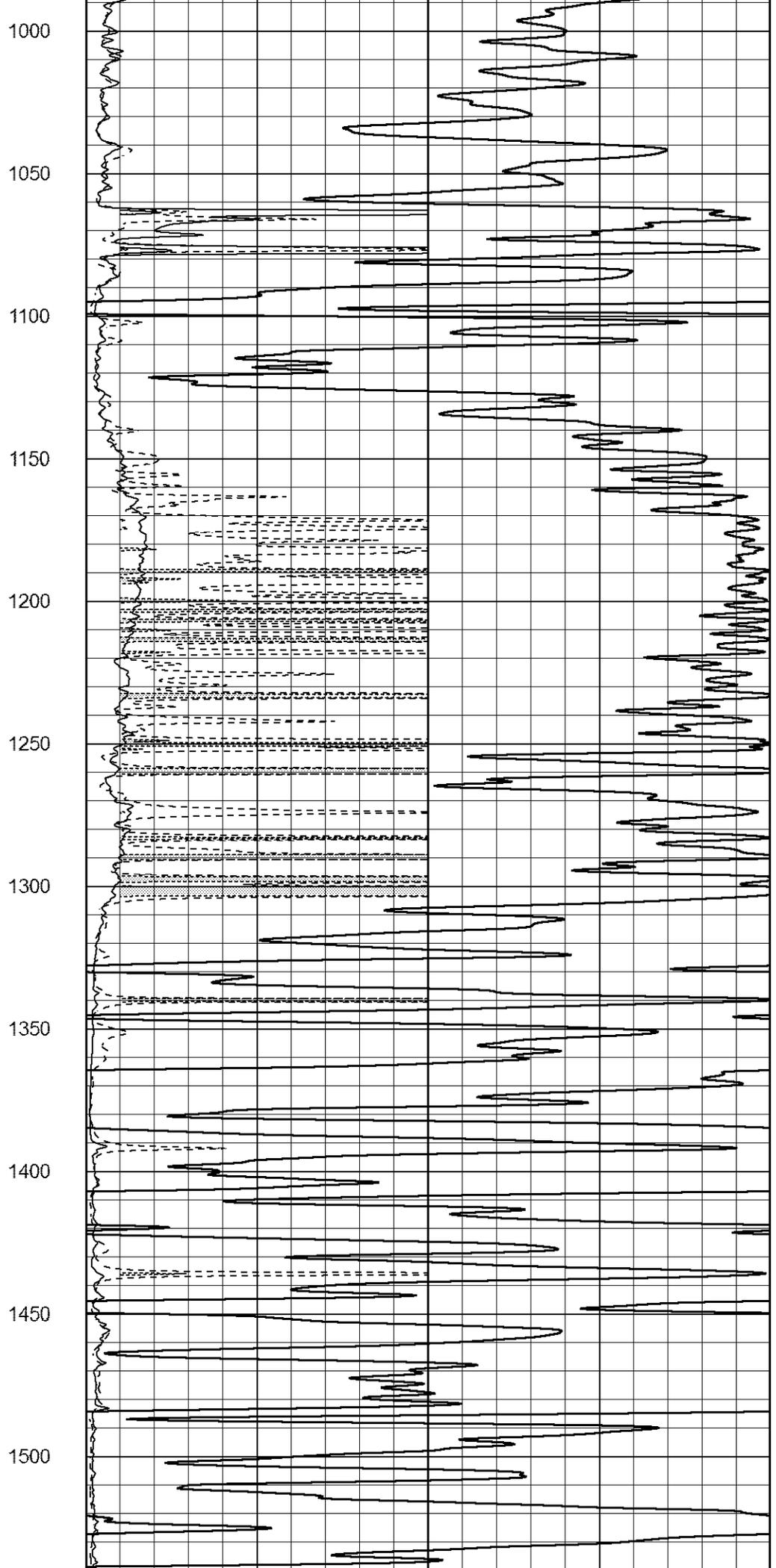
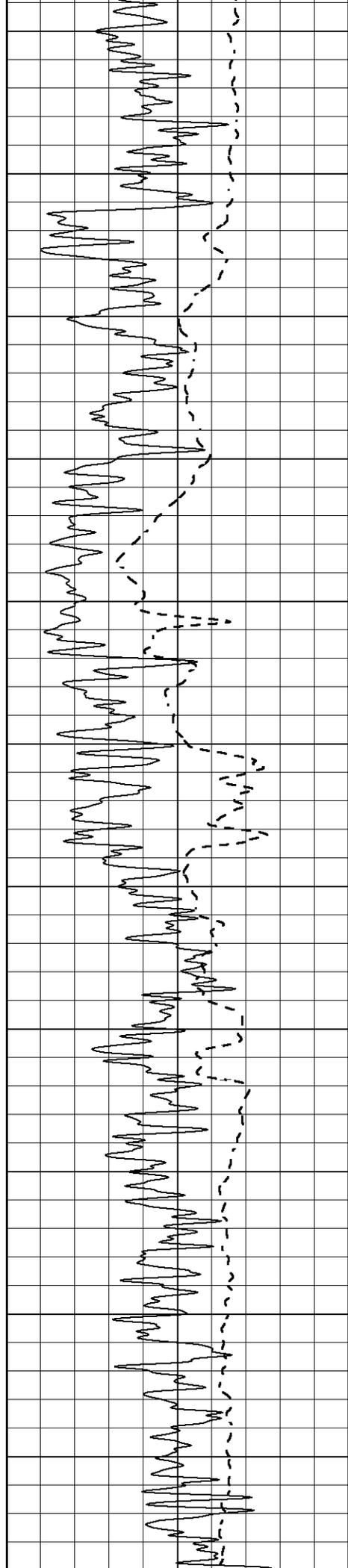
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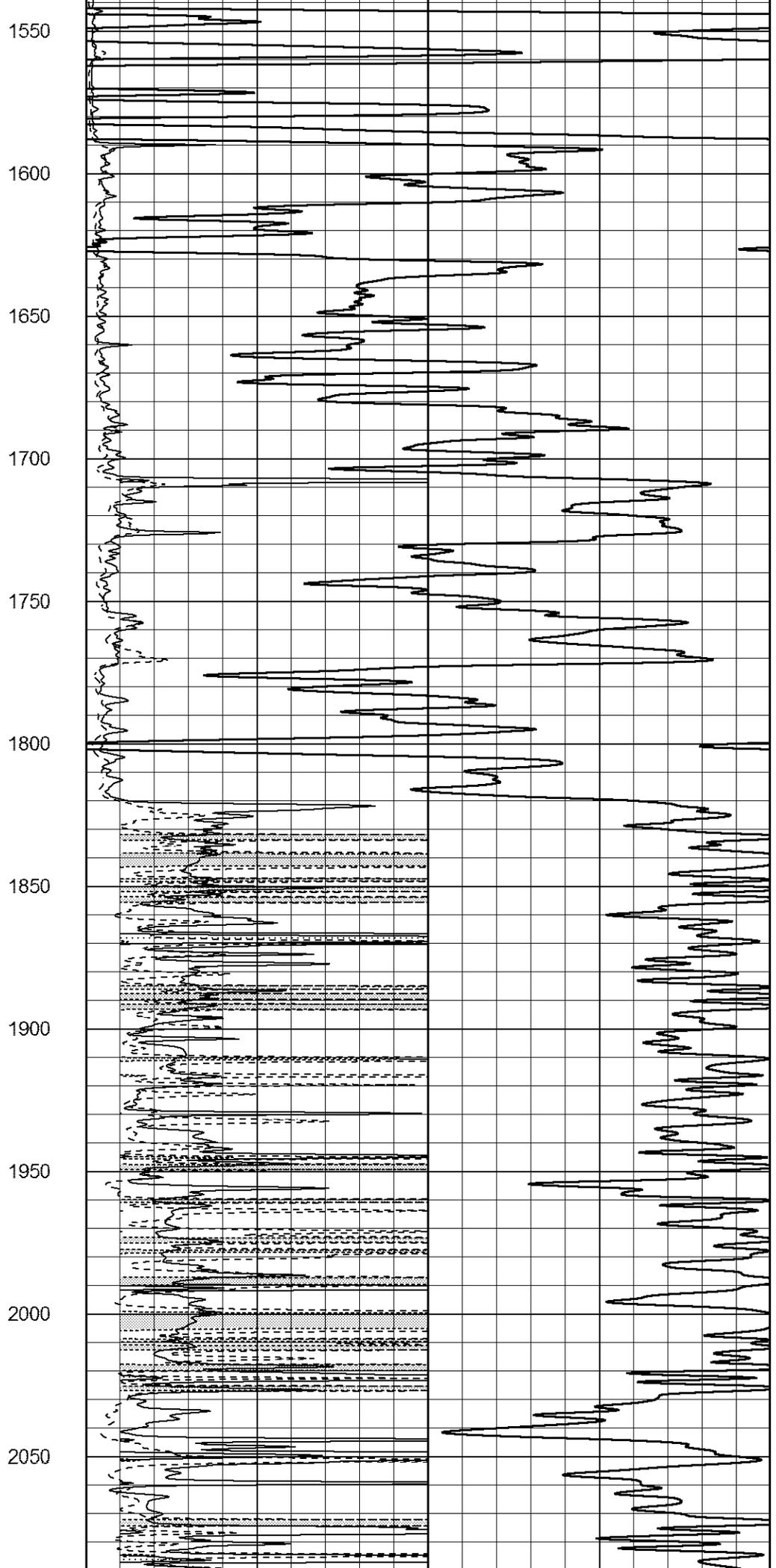
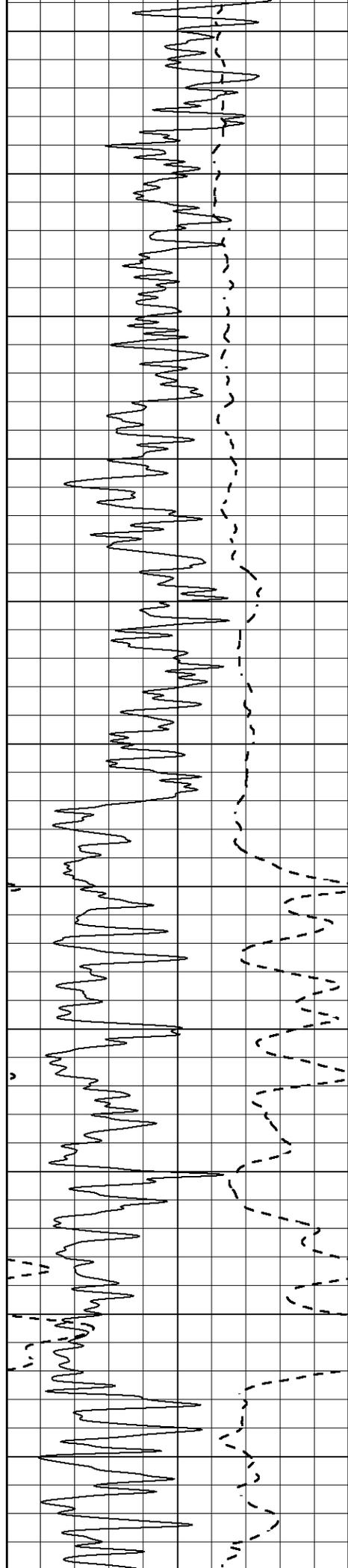
0 Gamma Ray (GAPI) 150
 -100 SP (mV) 100

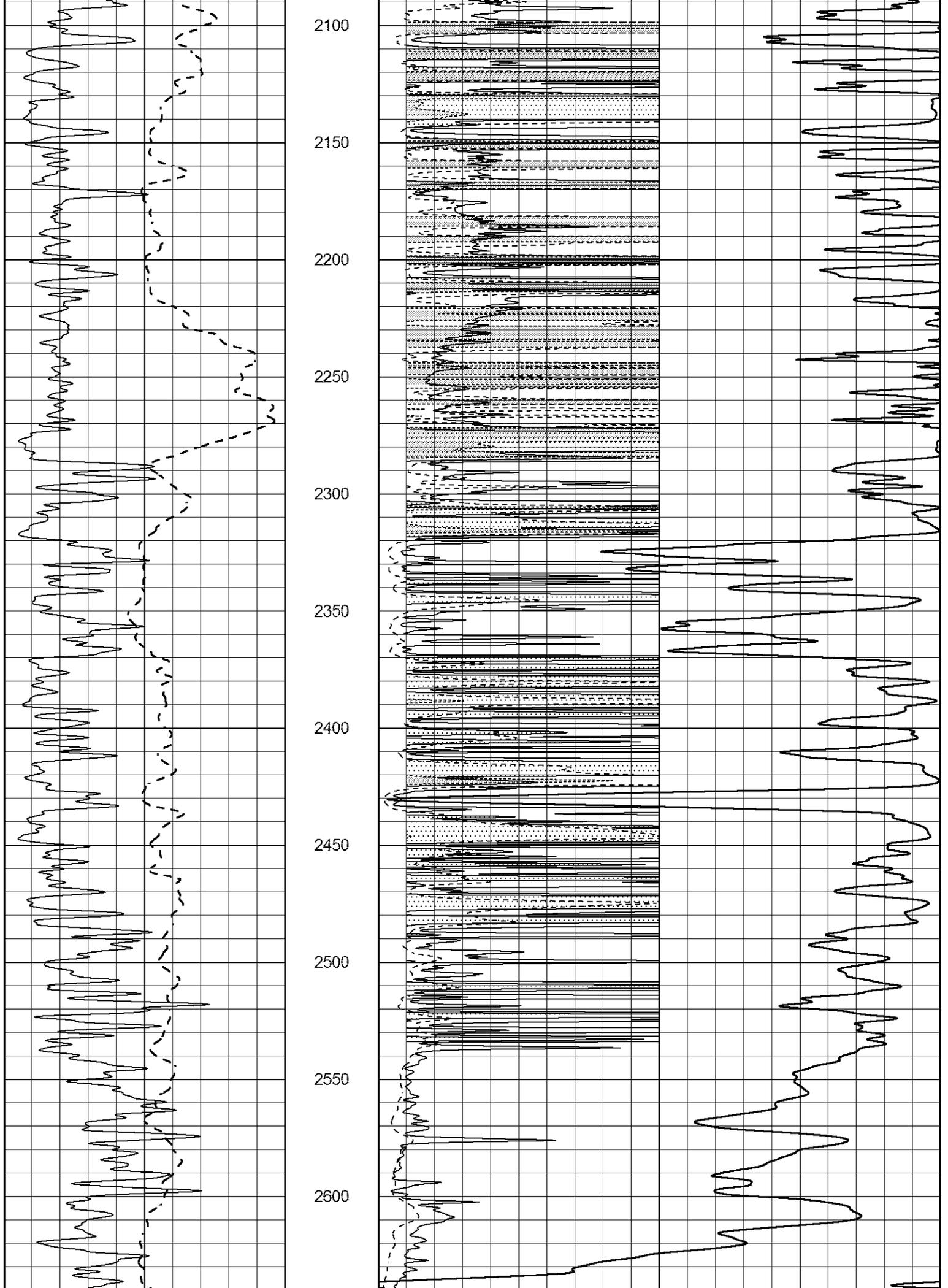
1000 CILD (mmho/m) 0
 0 RLL3 (Ohm-m) 50
 0 Deep Induction (Ohm-m) 50
 50 RILD X10 (Ohm-m) 500
 50 RLL3 X10 (Ohm-m) 500



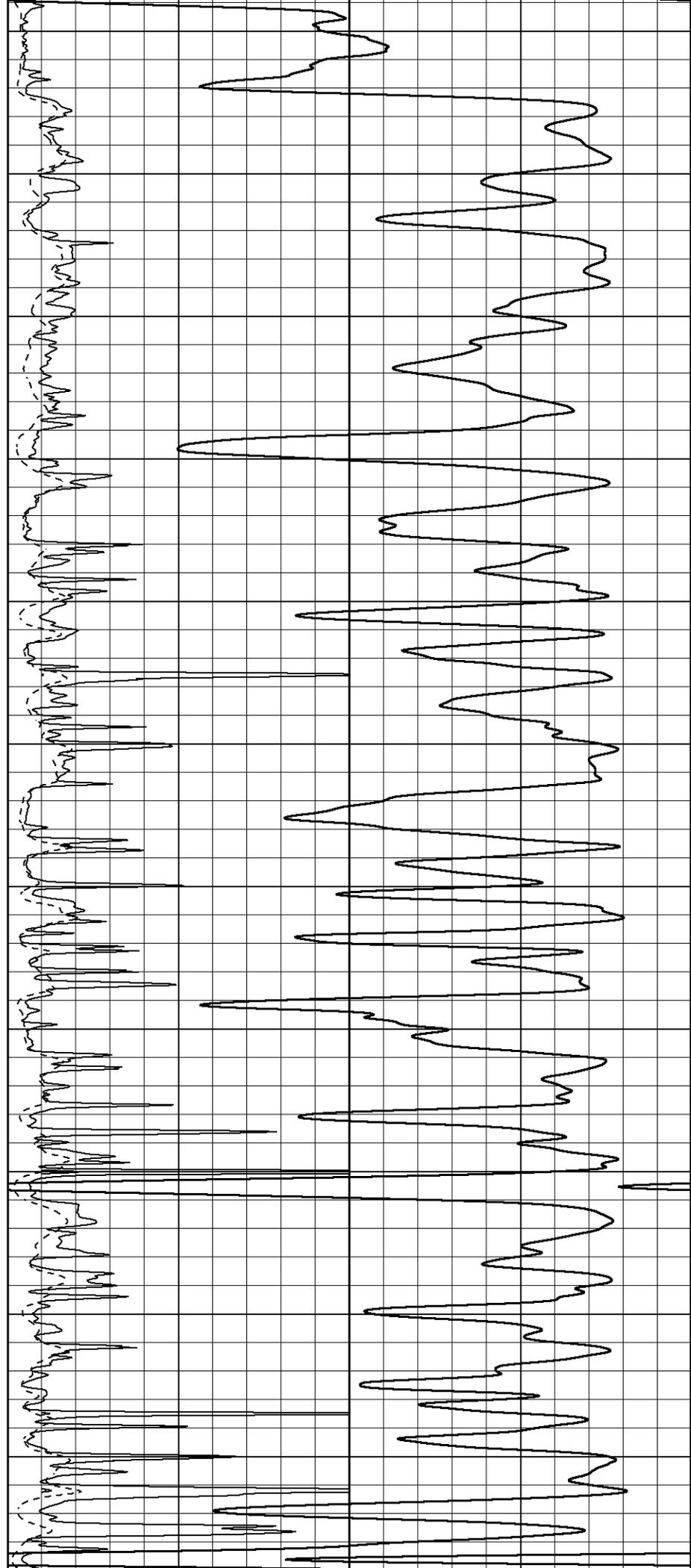
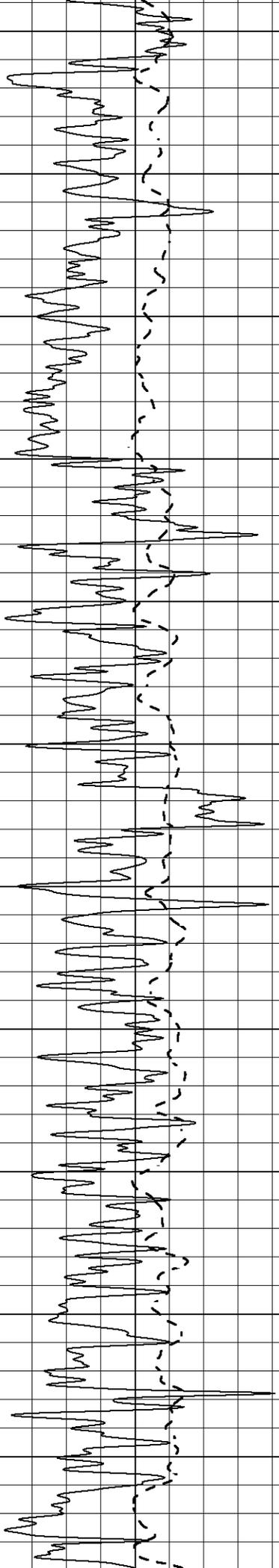


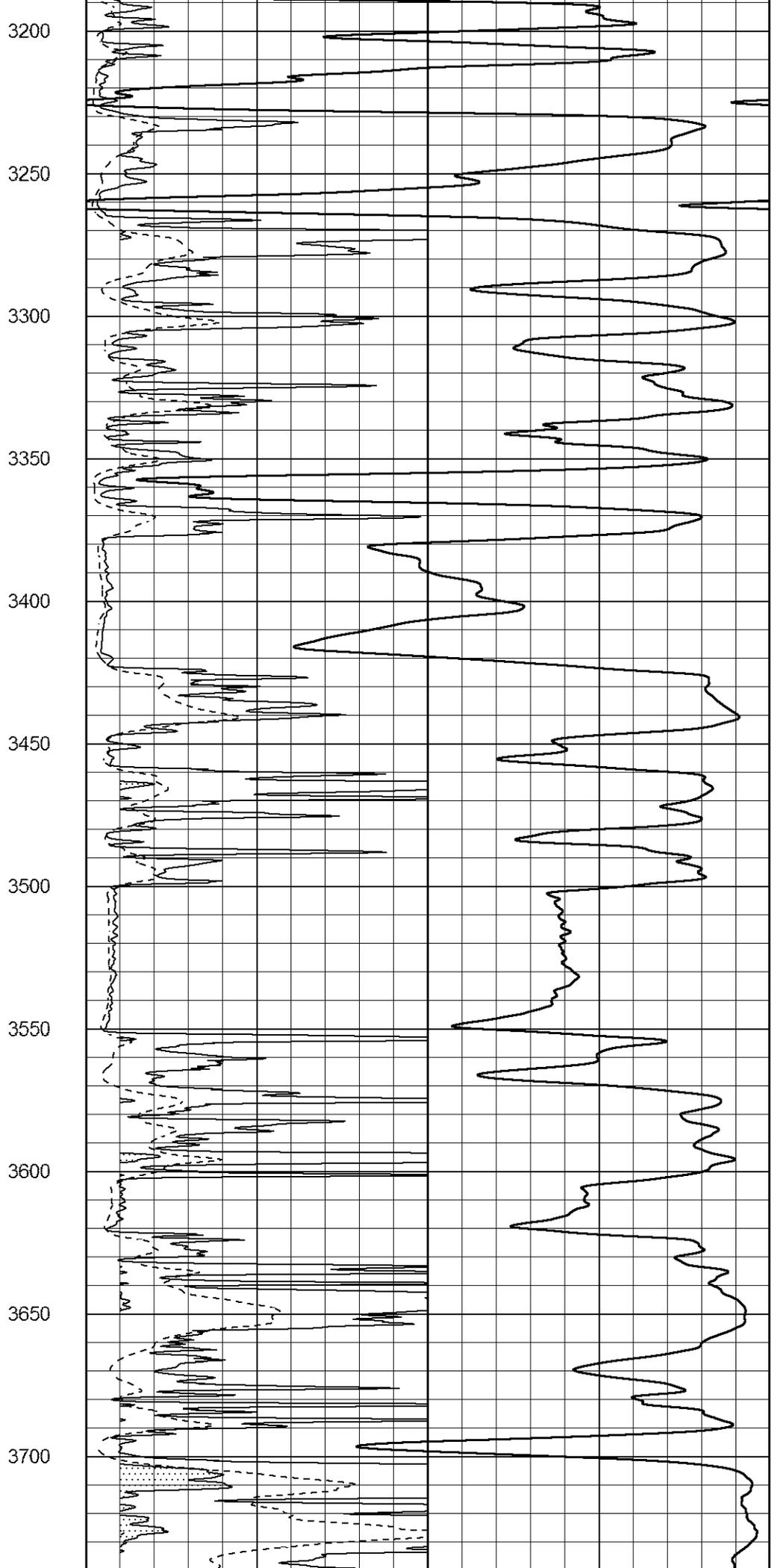
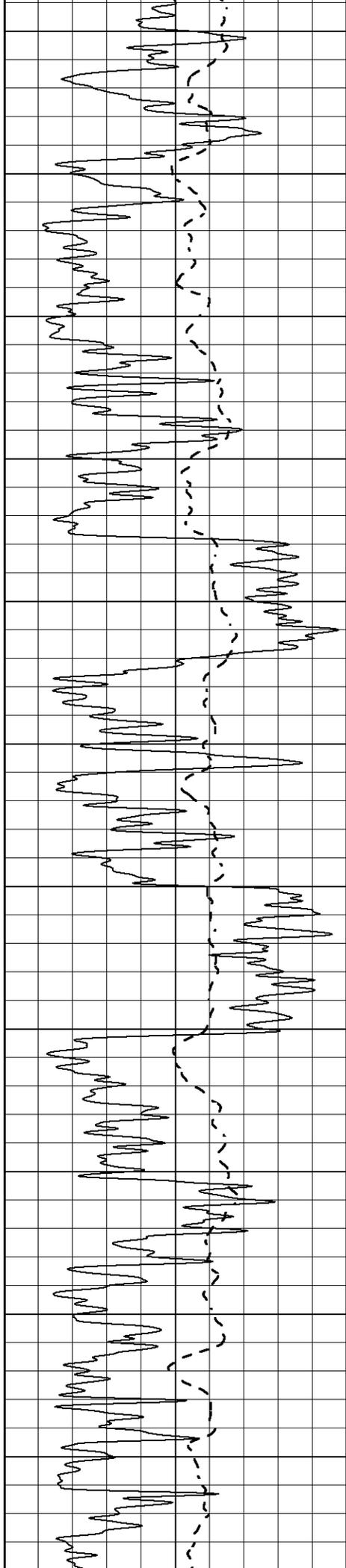


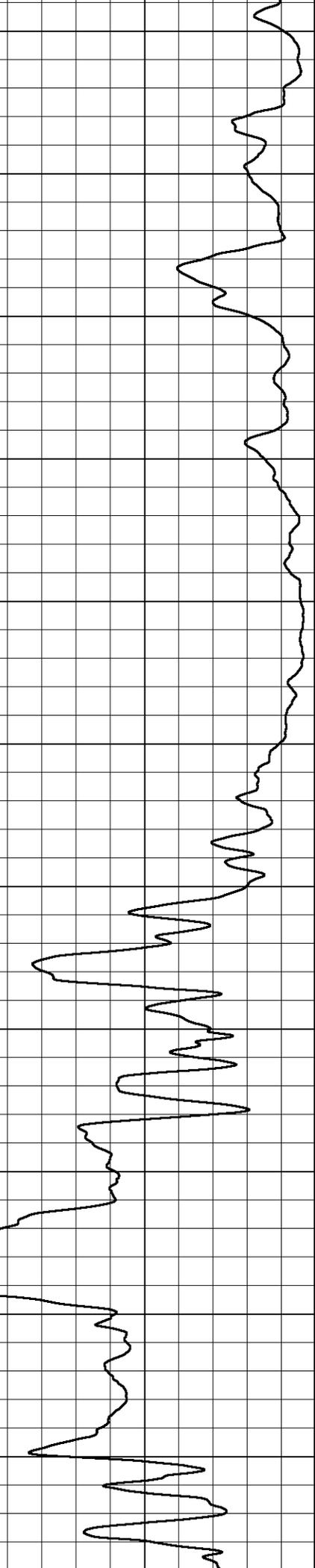
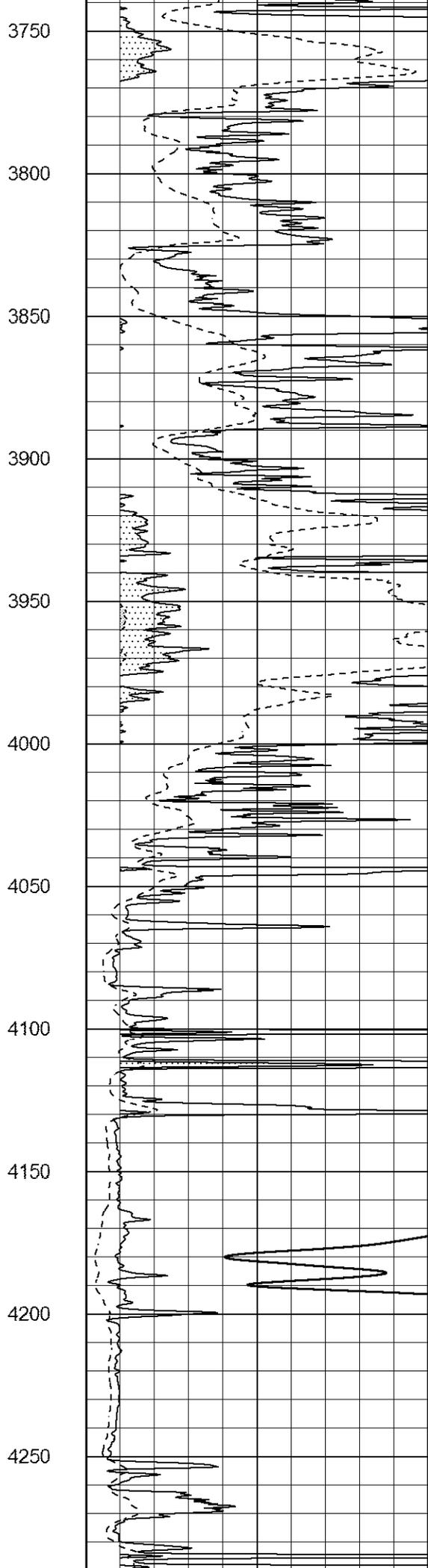
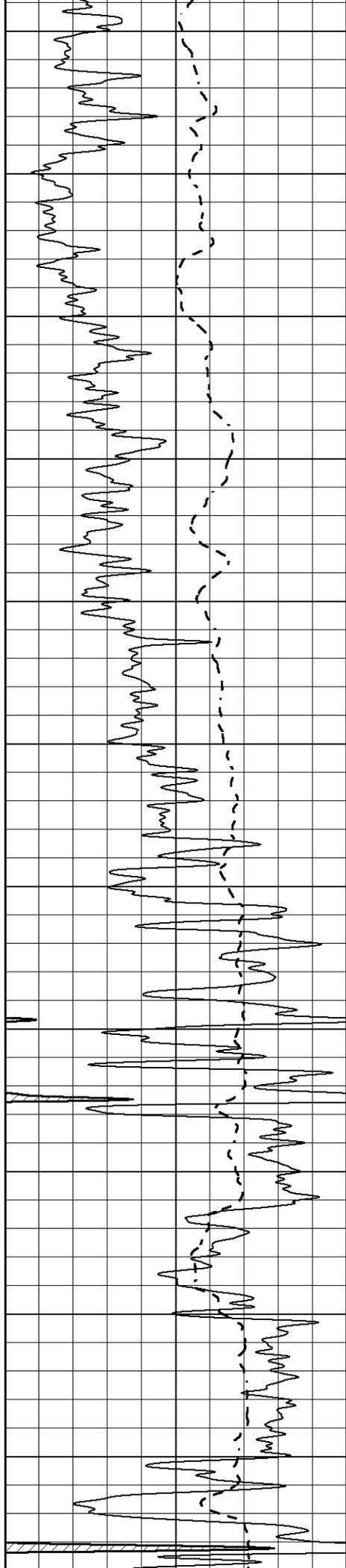


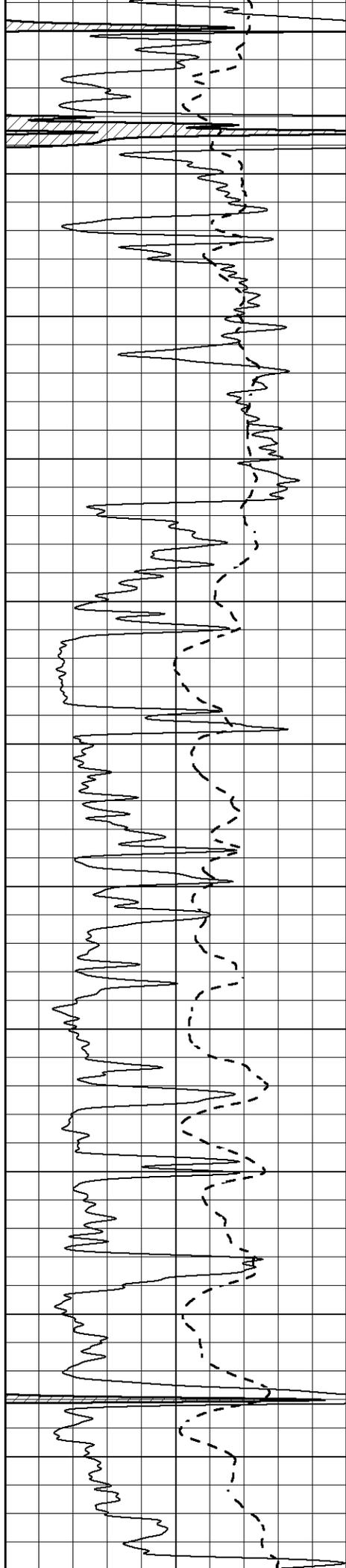


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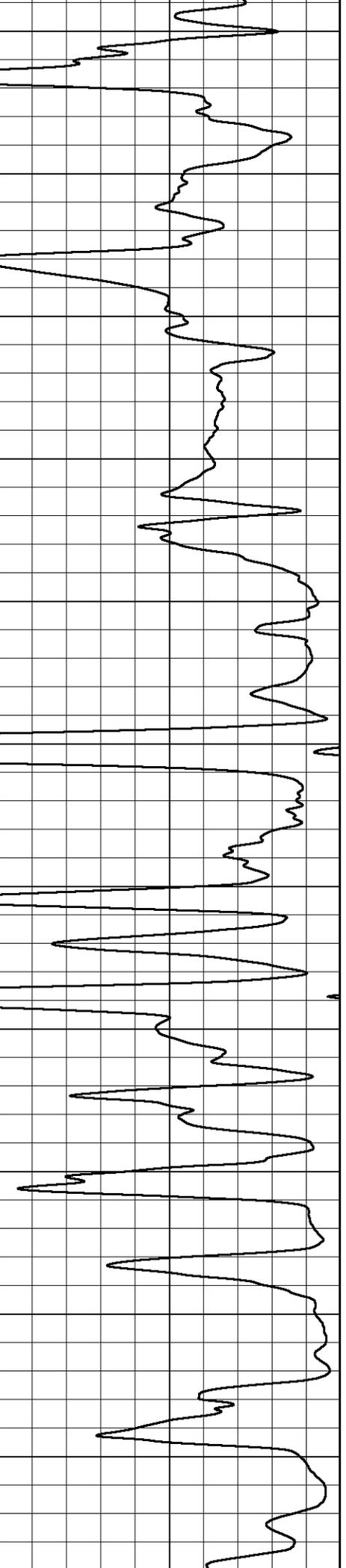
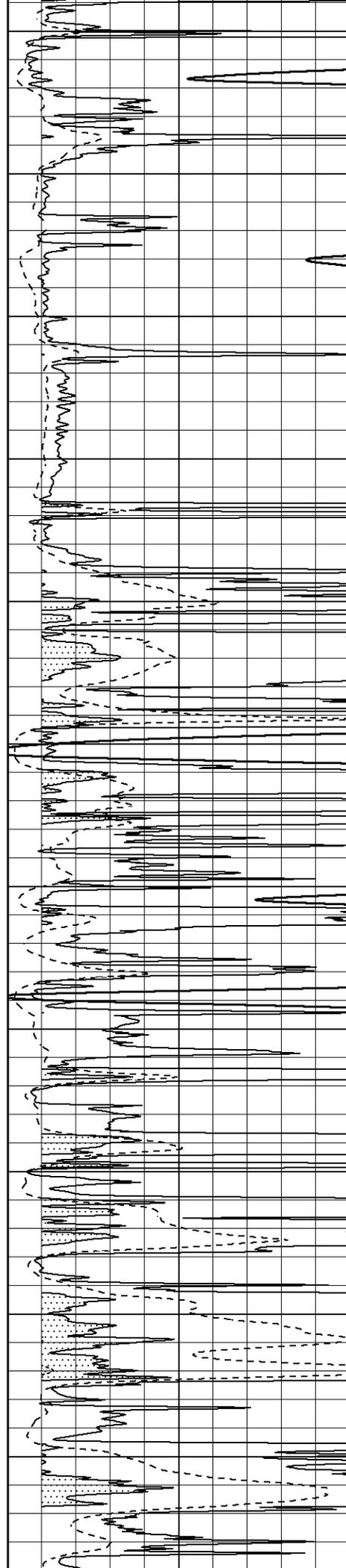


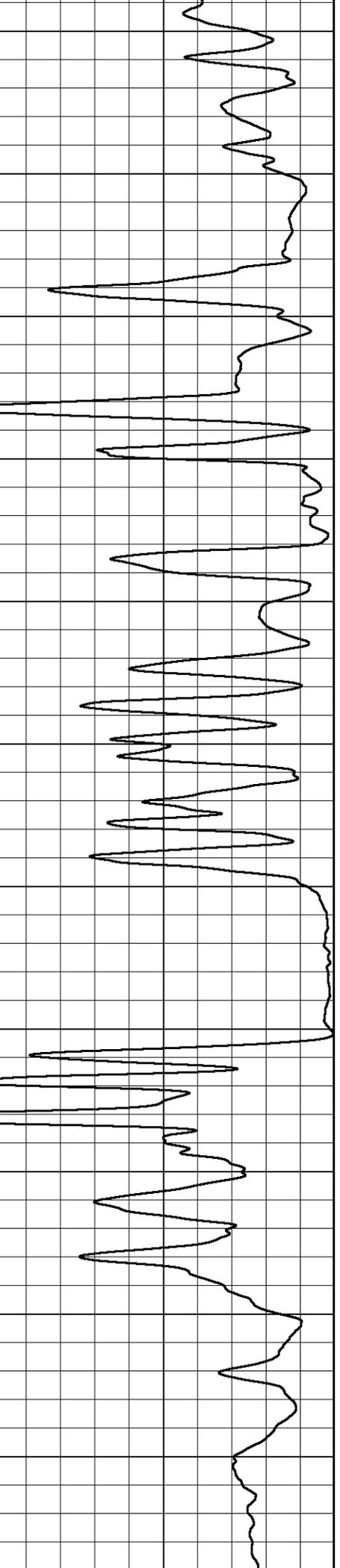
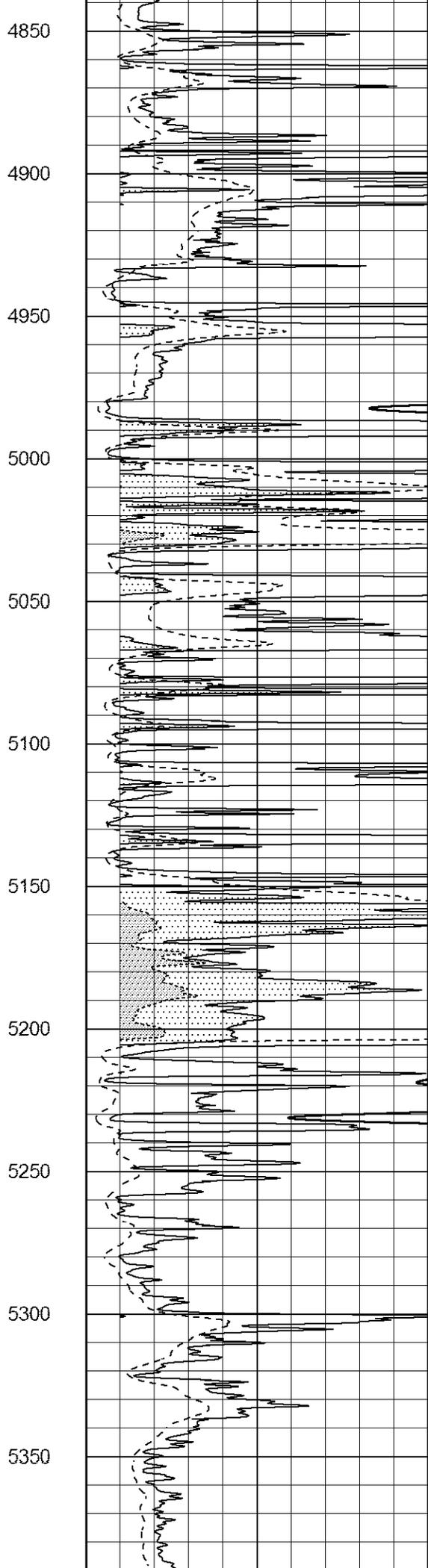
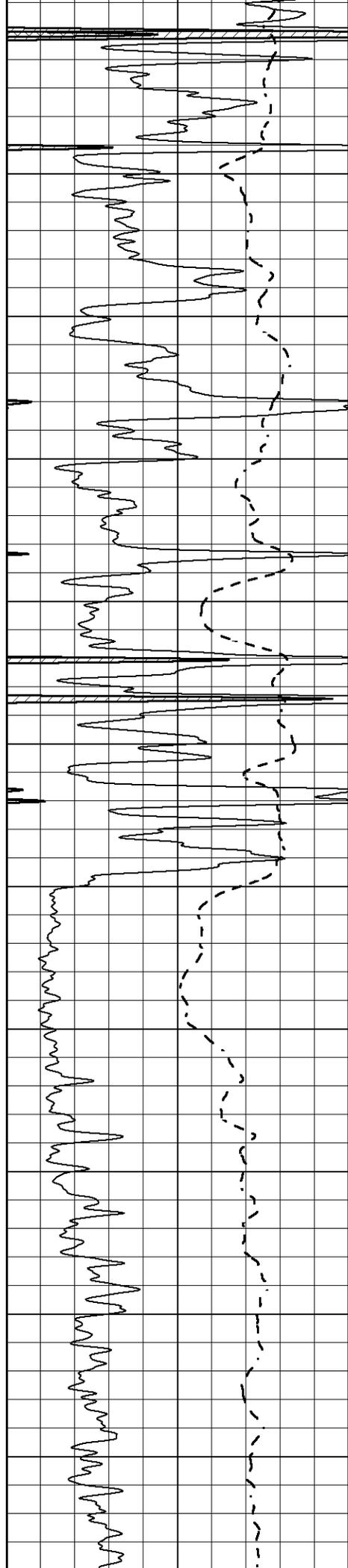


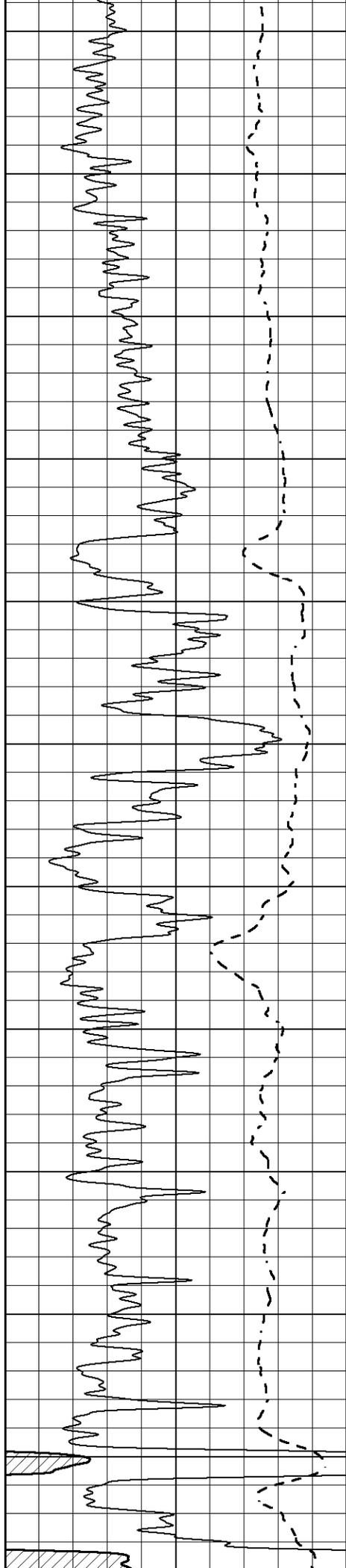




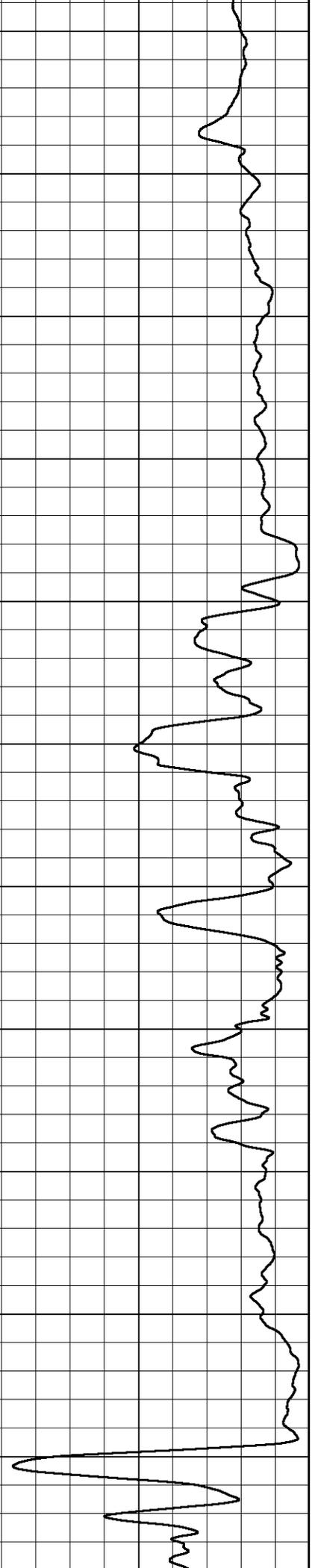
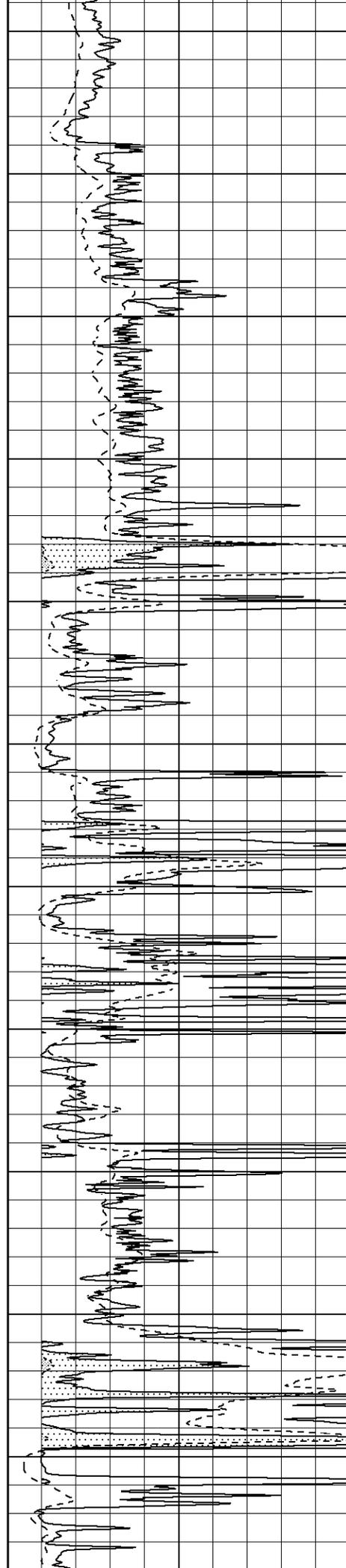
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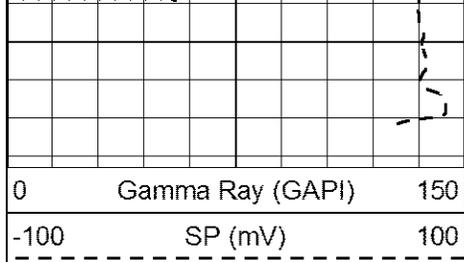




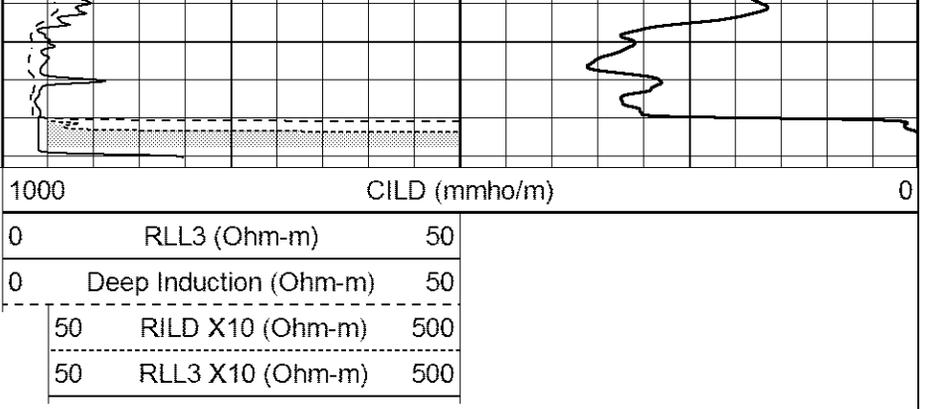


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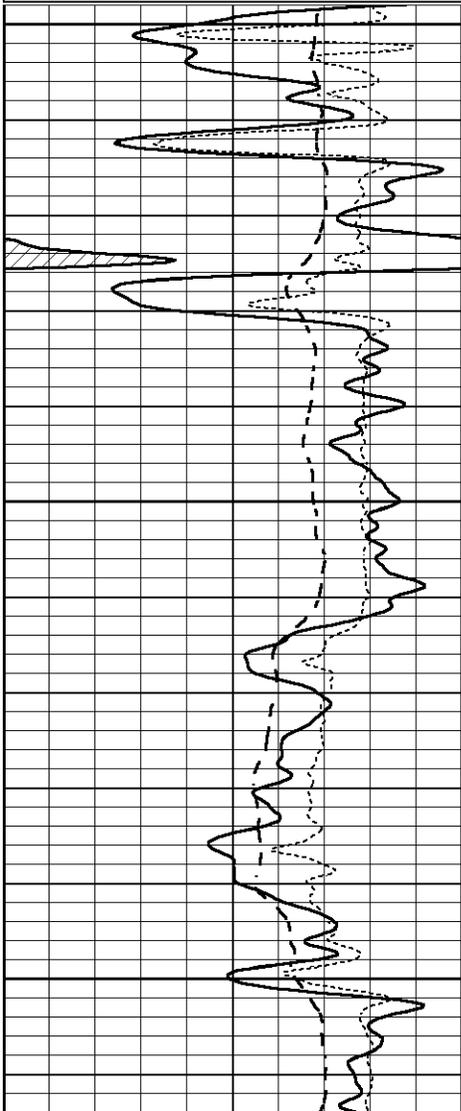
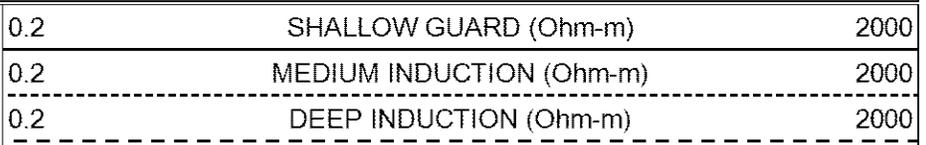
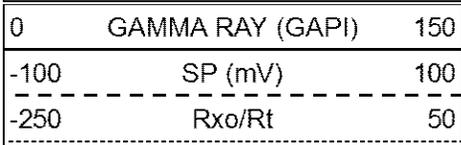


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MAIN SECTION

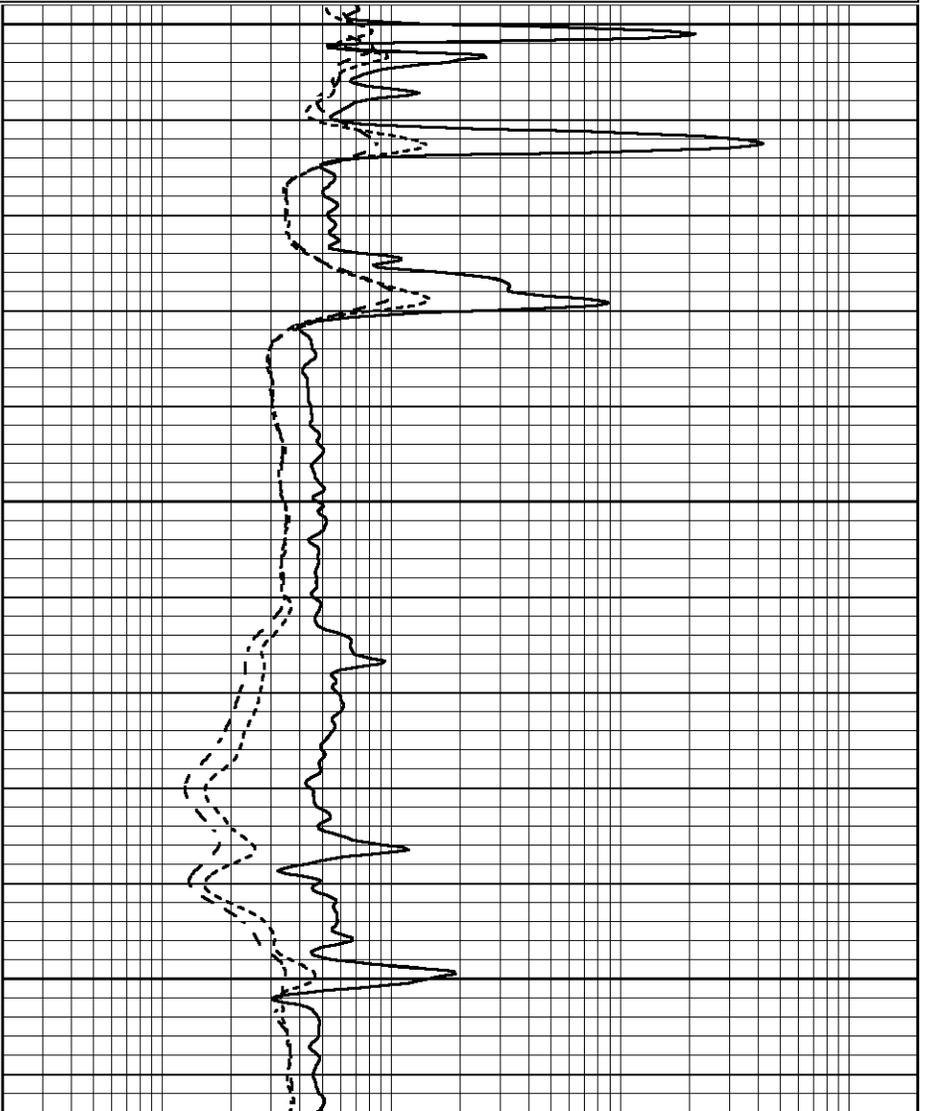
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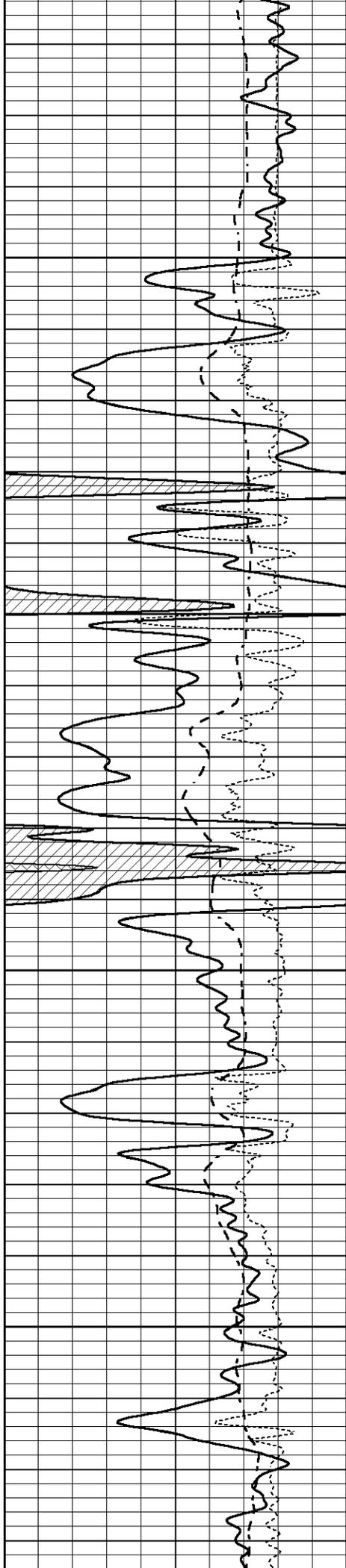


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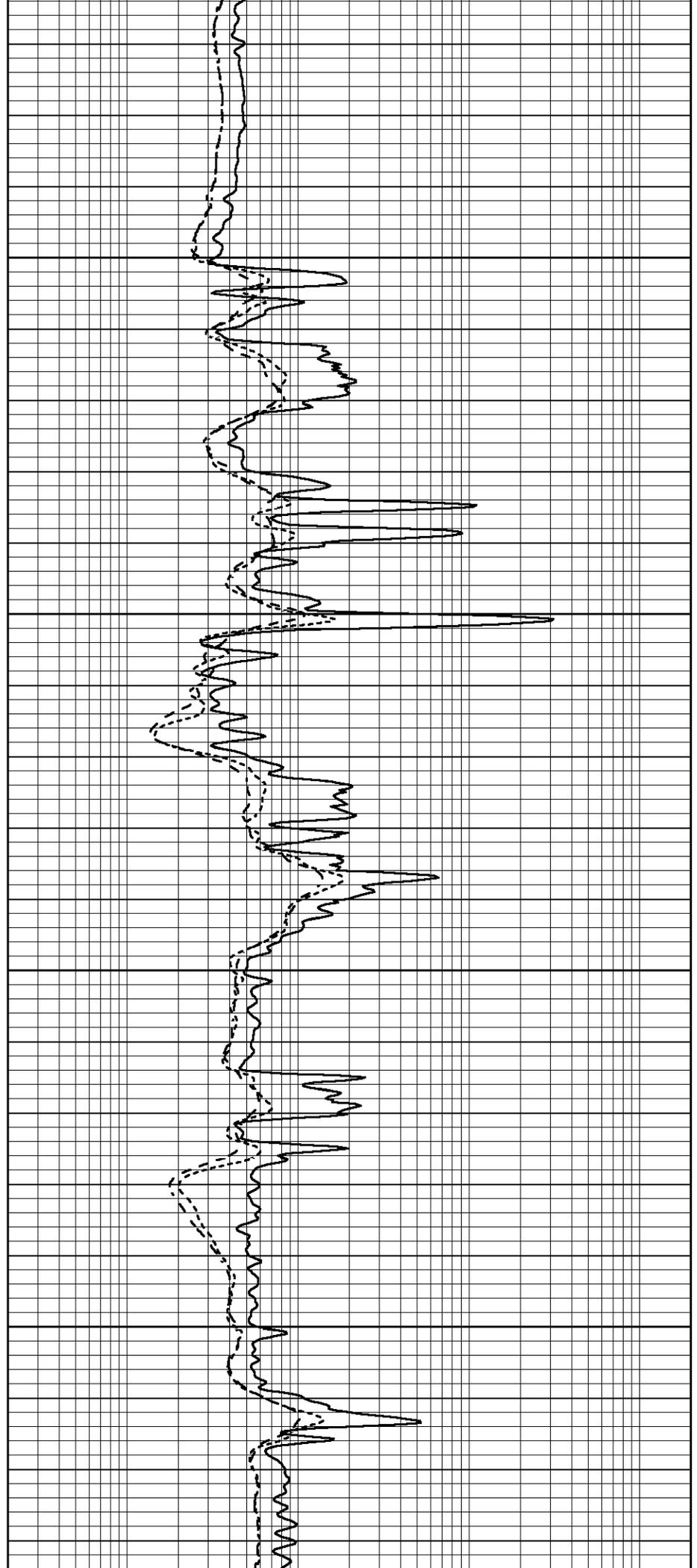


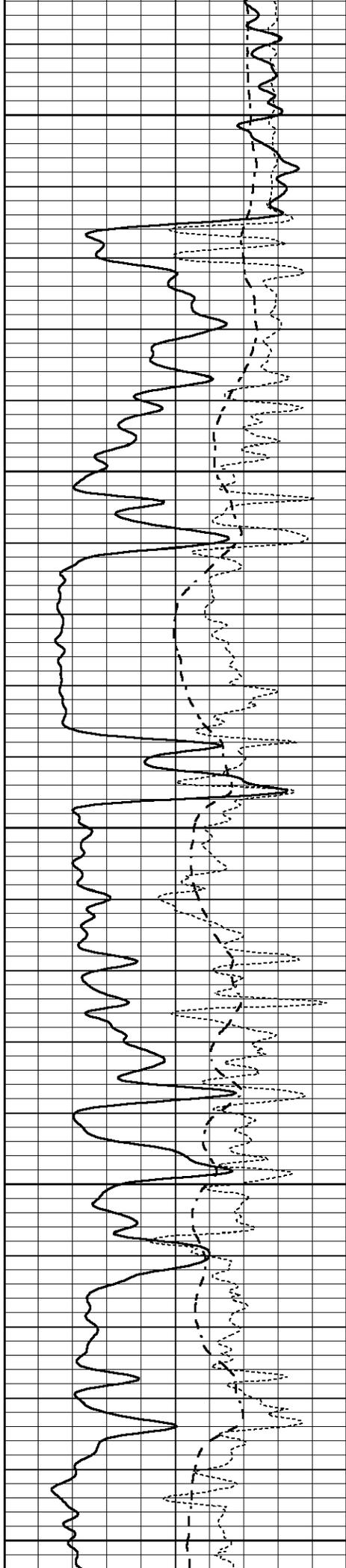
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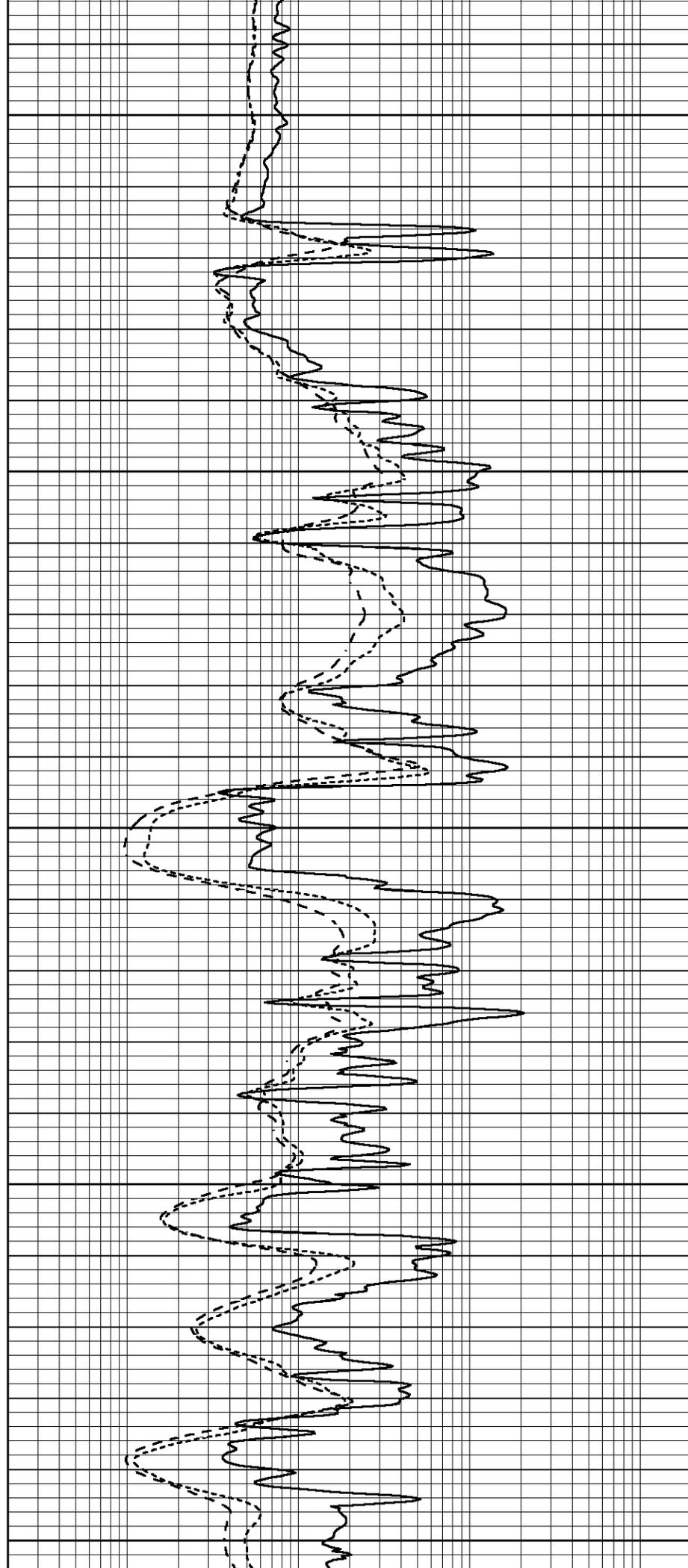
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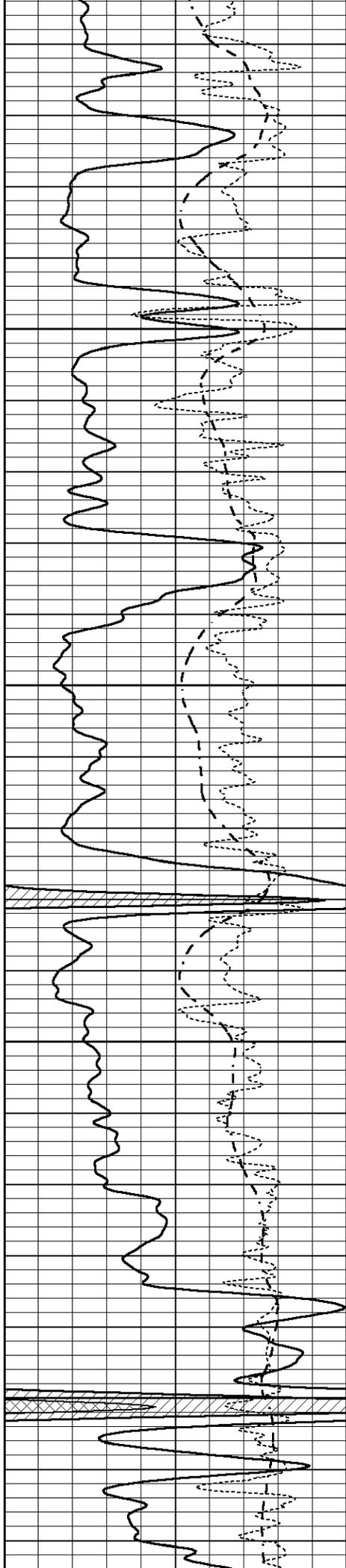
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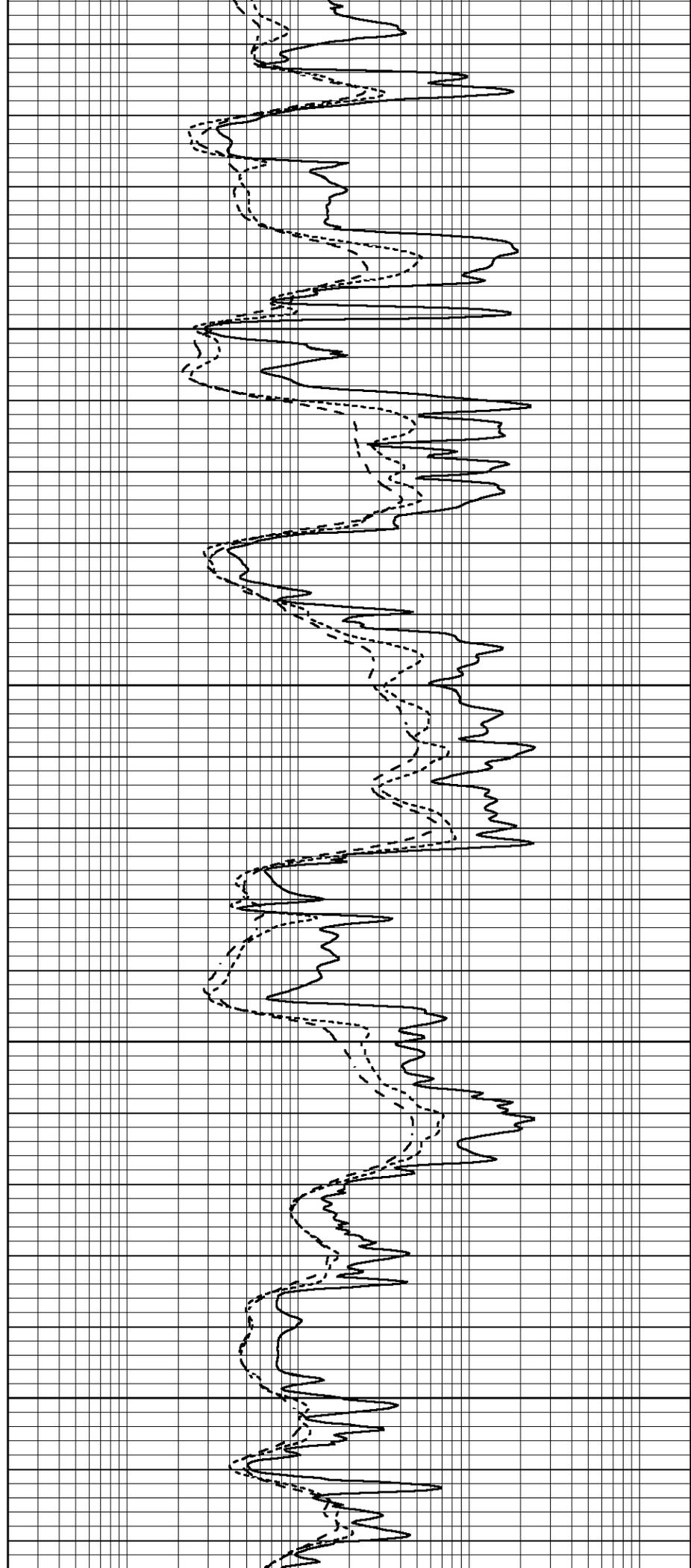


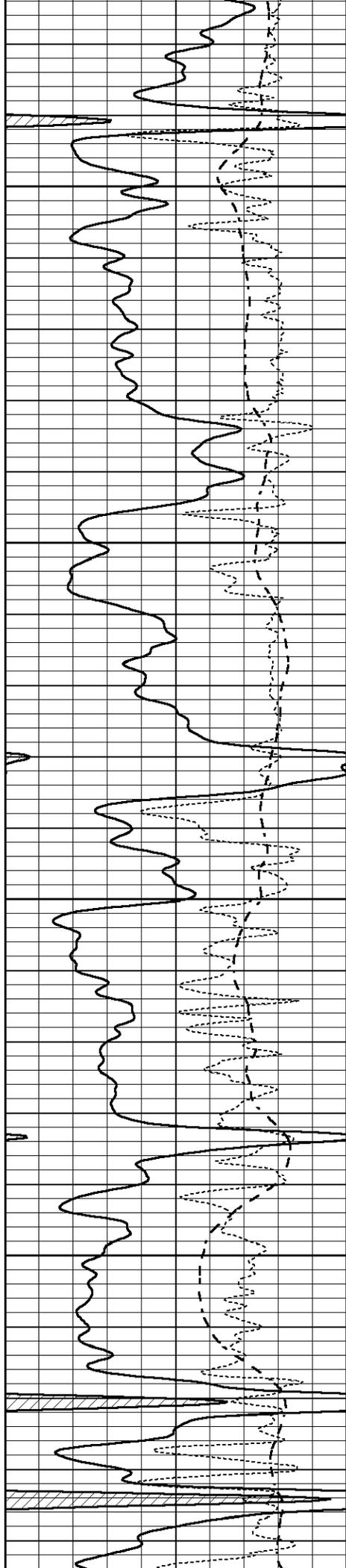
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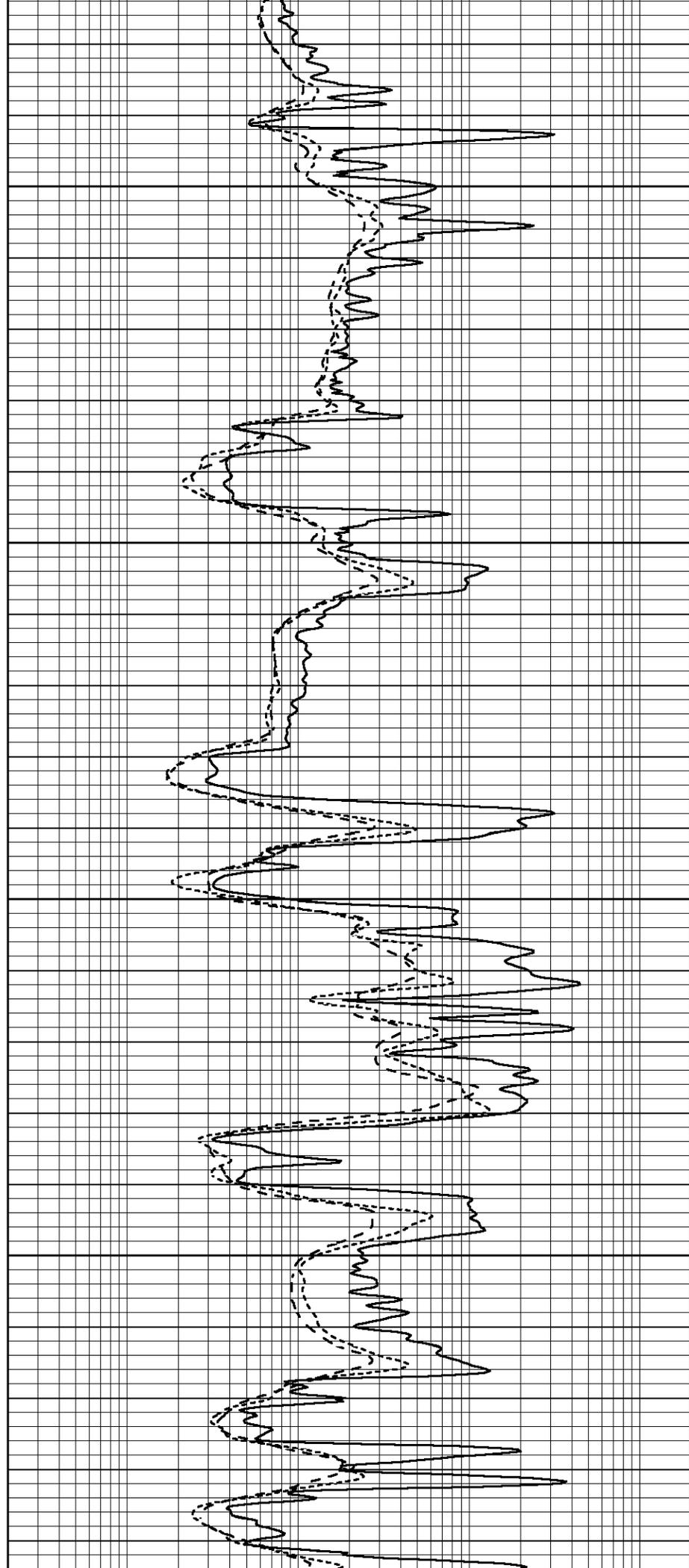


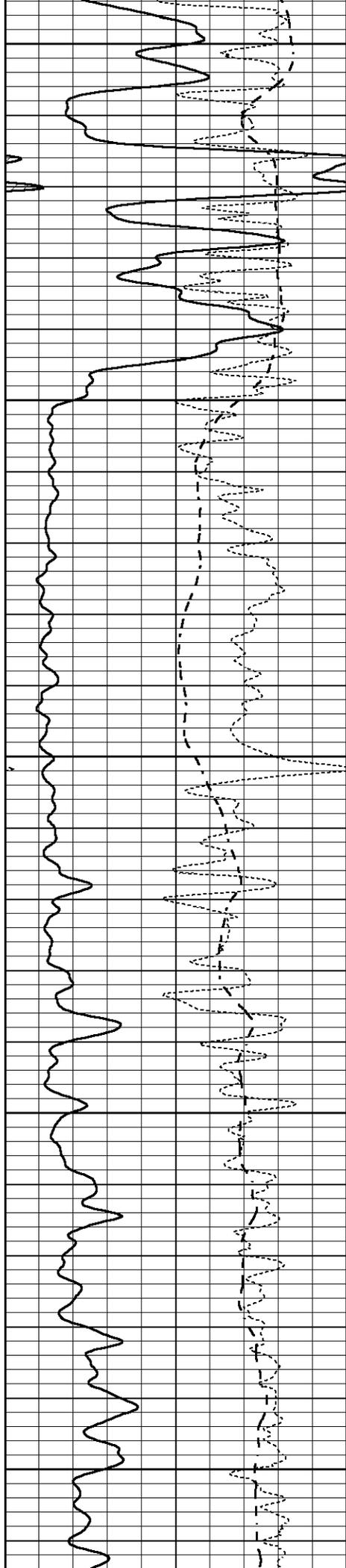
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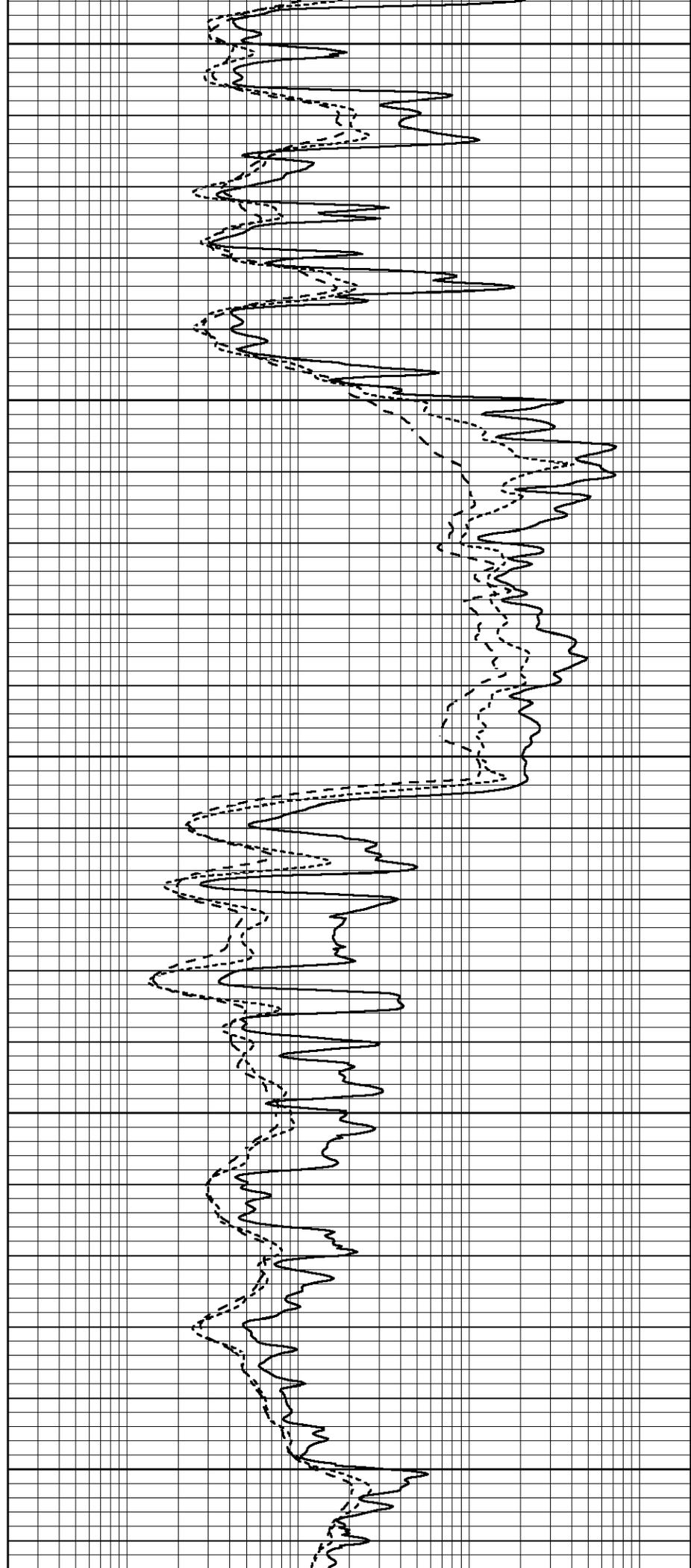
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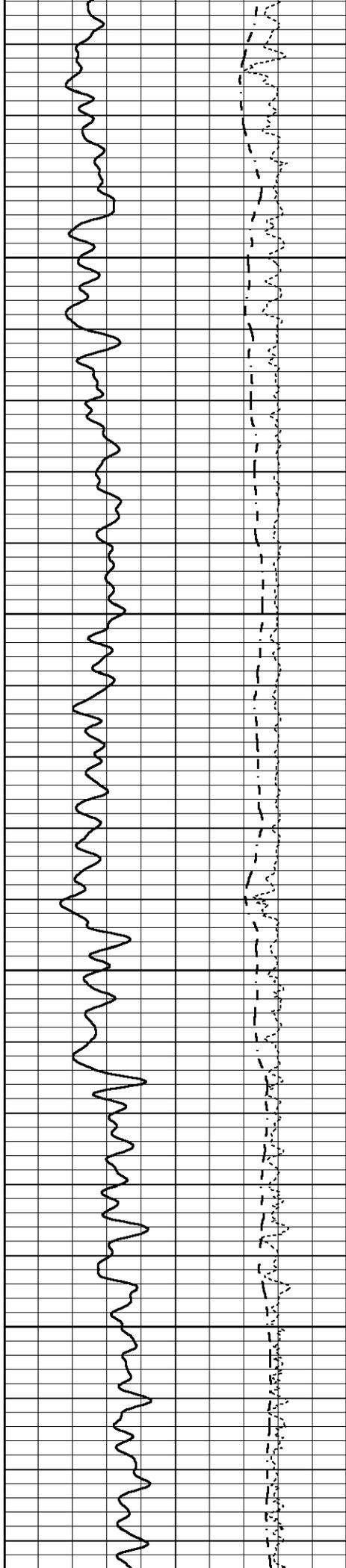
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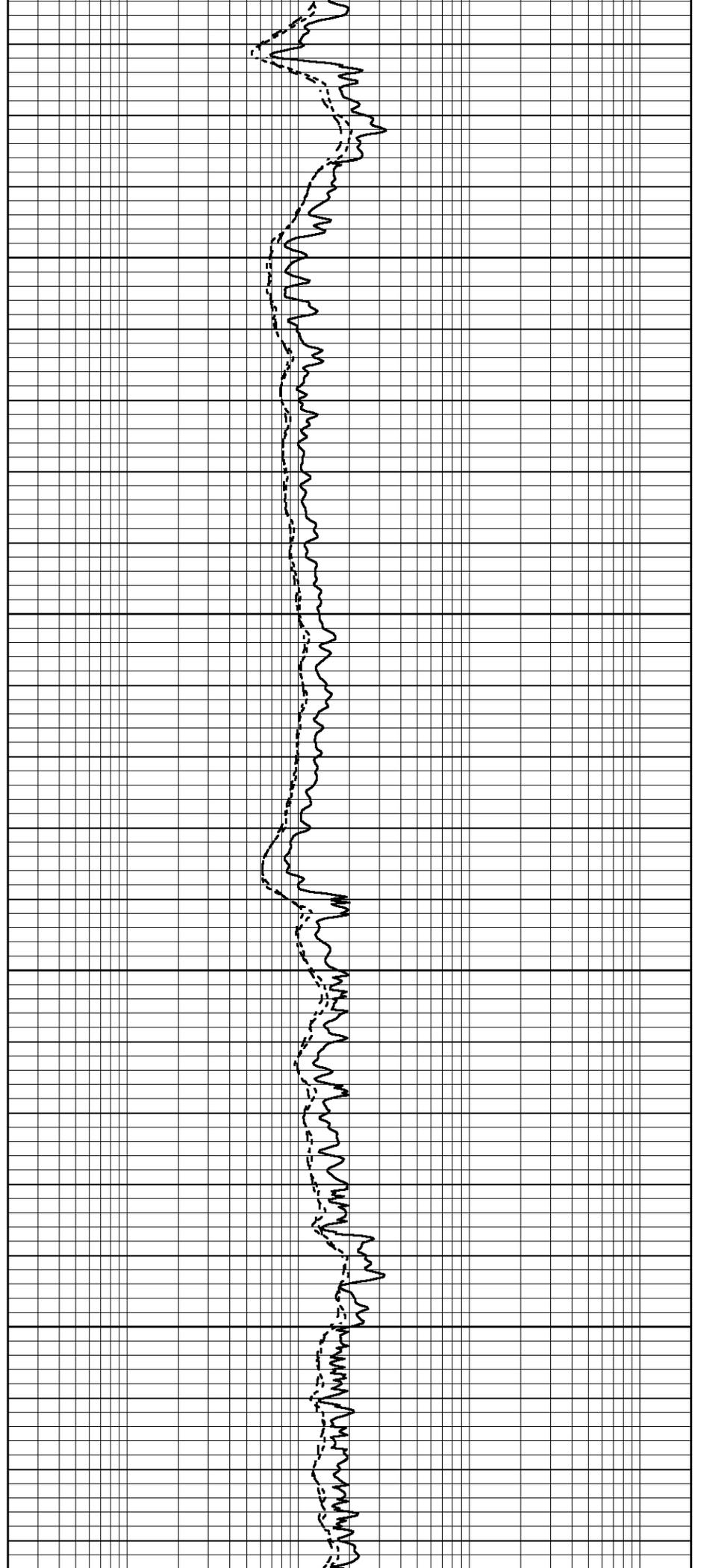


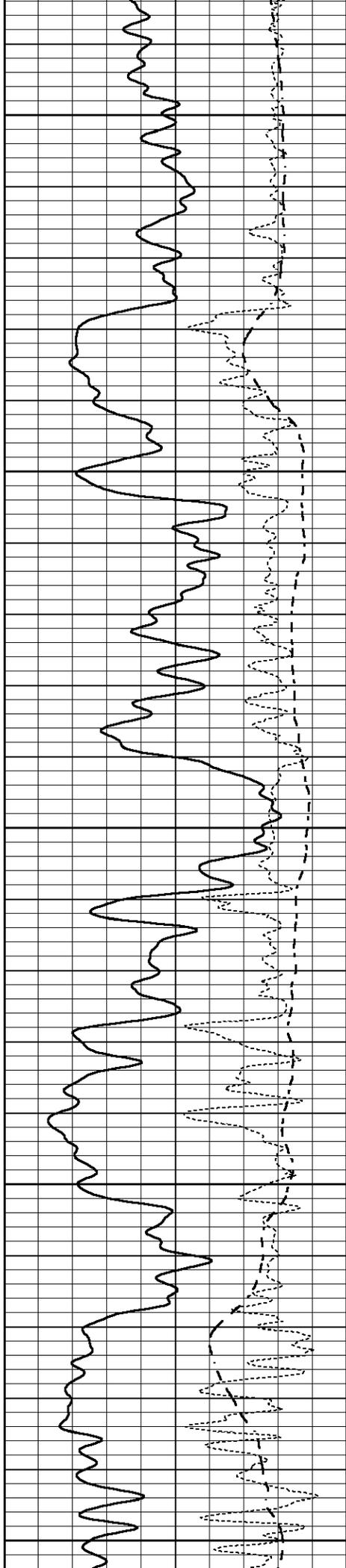
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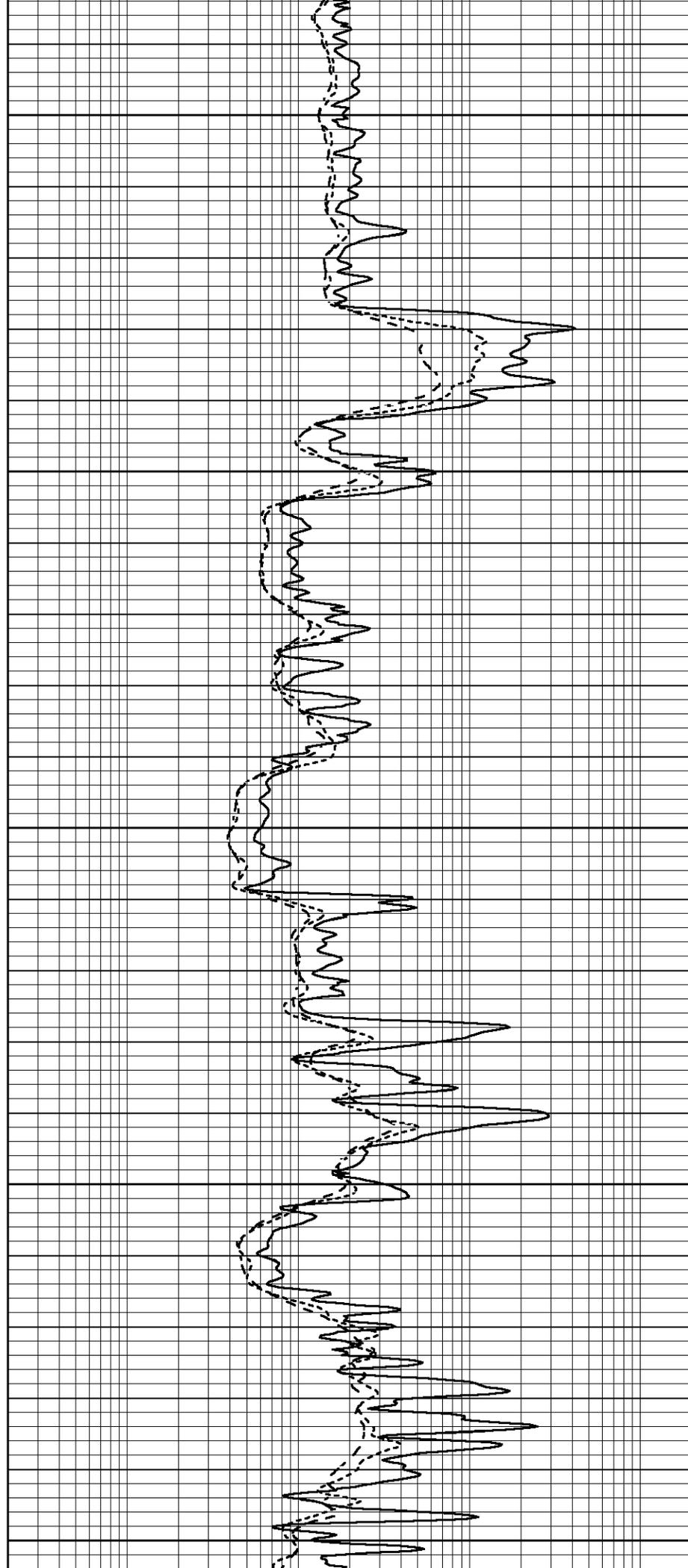
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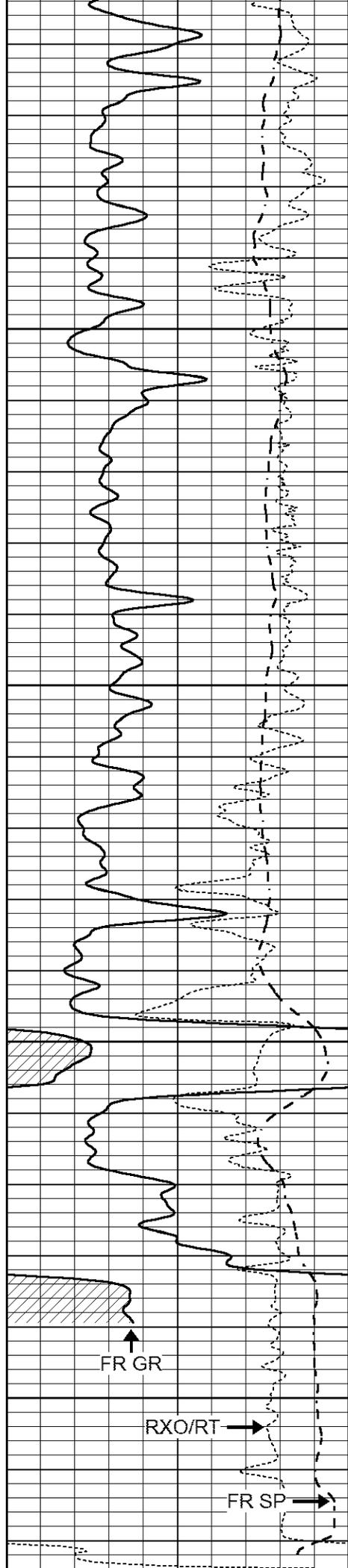
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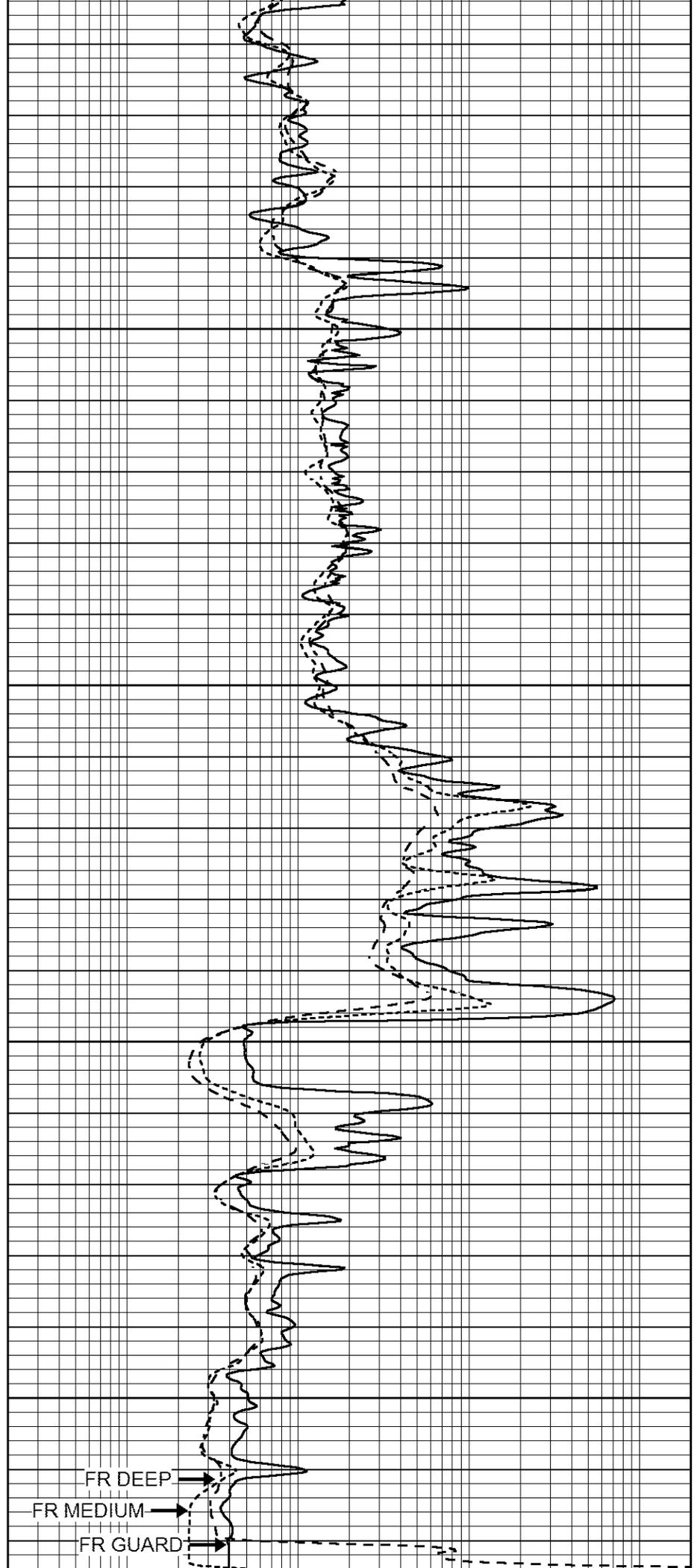


5800

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FR DEEP

FR MEDIUM

FR GUARD

LTD 5975

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

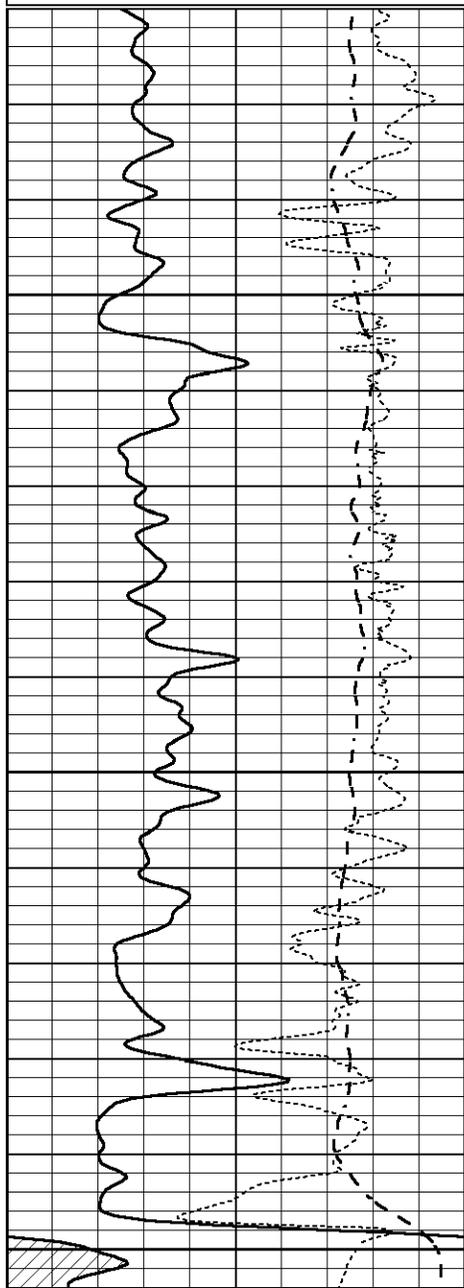


REPEAT SECTION

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

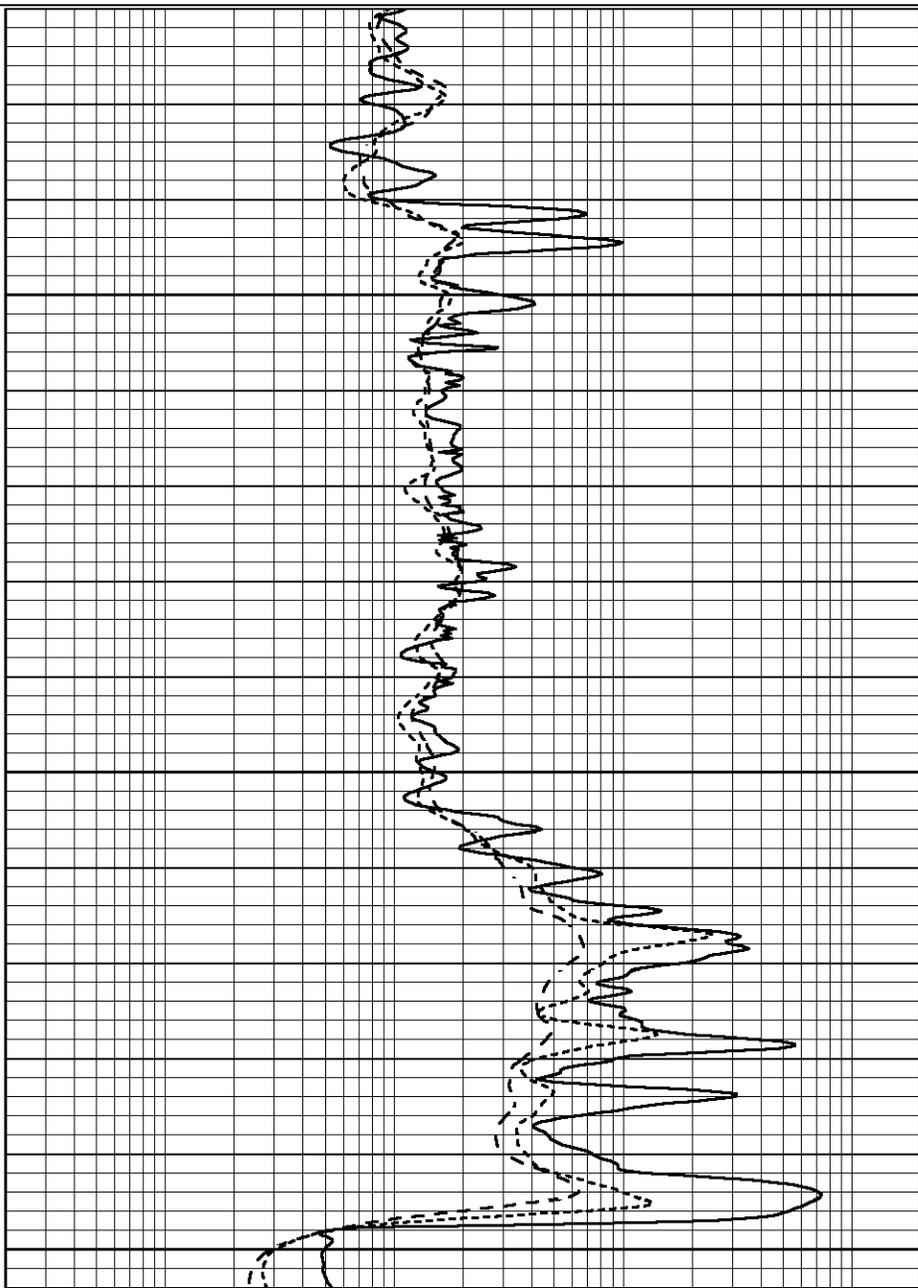
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

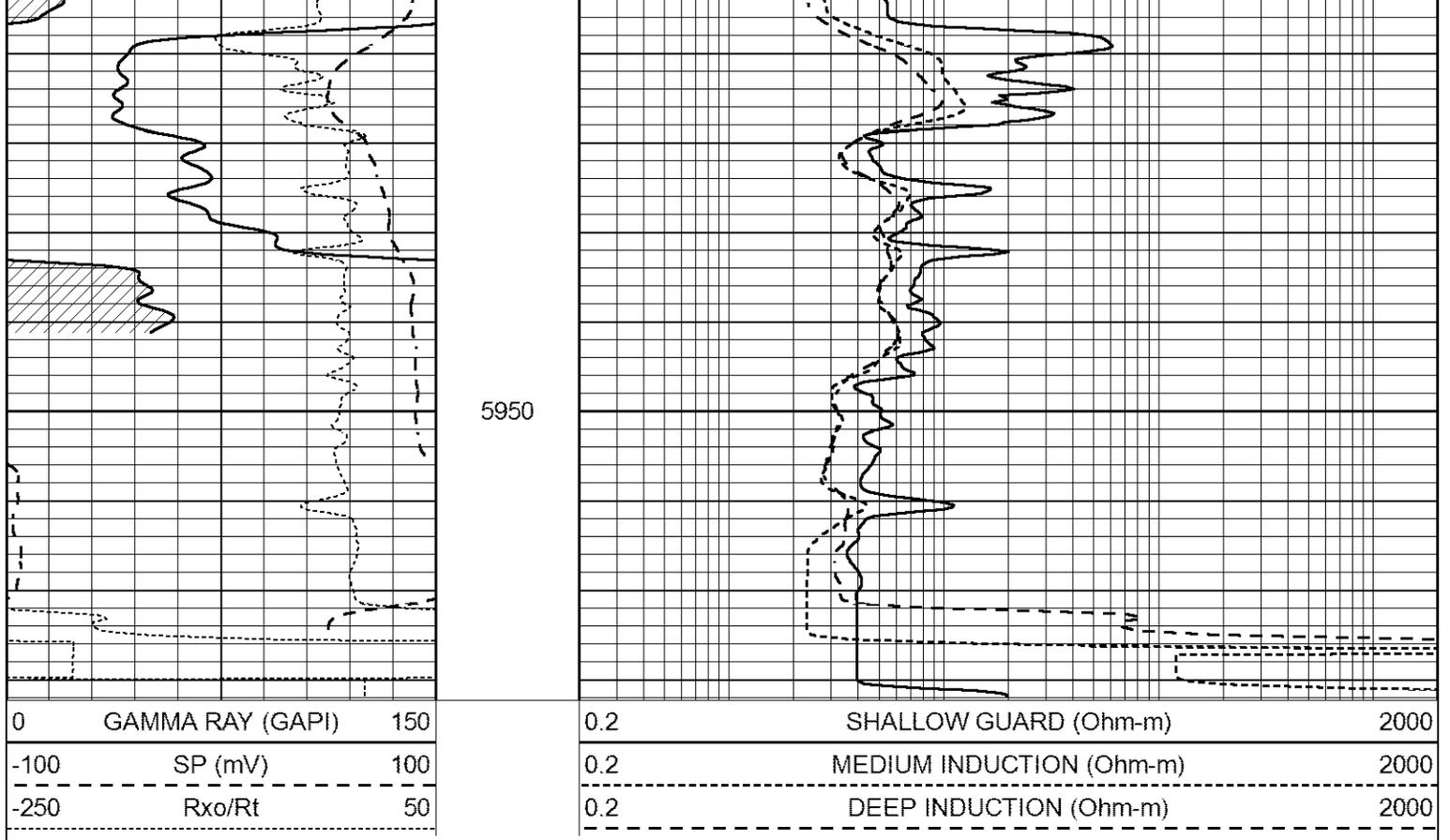


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Calibration Report

Database File C:\Users\User\Desktop\7017pe.db
 Dataset Pathname pass4MAIN
 Dataset Creation Fri Sep 16 10:46:29 2022

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe
 Surface Cal Performed: Thu Jun 30 01:48:00 2022
 Downhole Cal Performed: Tue Feb 19 11:44:24 2019
 After Survey Verification Performed: Tue Feb 19 11:44:27 2019

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop	V	Air	Loop	mmho/m	m	b
Deep	0.011	0.656	V	1.000	400.000	mmho/m	650.000	-3.000
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	632.856	-10.500
Internal:	Zero	Cal	V	Zero	Cal	mmho/m	m	b
Deep	0.007	0.649	V	0.000	400.000	mmho/m	623.784	-4.595
Medium	0.004	0.743	V	0.000	464.000	mmho/m	627.284	-2.251

Downhole Calibration

	Readings			References			Results	
	Zero	Cal	V	Zero	Cal	mmho/m	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: Wed Jul 20 12:36:34 2022

	Background	Aluminum	Magnesium		
Window 1	503.67	5439.20	23645.11	cps	
Window 2	40.11	1218.66	5702.60	cps	
Window 4	221.18	1240.69	5295.43	cps	
Window 5	542.56	7631.48	14305.13	cps	
Window 6	41.67	1209.53	2345.40	cps	
Window 8	256.91	2493.92	4591.85	cps	
Bulk Density	-	2.6020	1.6830	g/cc	
Pe	-	3.0000	2.5070	b/e	
LS Alpha:	: -1.8302	SS Alpha:	: -0.7503	LS CPE:	: 1.1699
LS Beta:	: 122464.5983	SS Beta:	: 16307.0478	SS CPE:	: 1.6095

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: Wed Jul 20 12:36:34 2022

Results	Readings		References (in)		Gain	Offset
	Low	High	Low	High		
	11331.0	15645.5	8.0	14.0	0.0	-7.0

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:

Thu May 26 08:56:46 2022

Calibrator Value:

1.0

GAPI

Background Reading:

0.0

cps

Calibrator Reading:

1.0

cps

Sensitivity:

0.5500

GAPI/cps