



DUAL INDUCTION LOG

Company		ANCHOR BAY PETROLEUM, LLC.	
Well	HENMAN #2		
Field	PLEASANT		
County	ELLIS	State	KANSAS
Location:		API # : 15-051-27088-0000	
Permanent Datum		GROUND LEVEL Elevation 2258	
Log Measured From		KELLY BUSHING 8' A.G.L	
Drilling Measured From		KELLY BUSHING	
SEC 34 TWP 13S RGE 20W		Other Services CDL/CNL MEL	
Elevation		K.B. 2266 D.F. 2264 G.L. 2258	
Date	6/15/23		
Run Number	ONE		
Depth Driller	3950		
Depth Logger	3950		
Bottom Logged Interval	3948		
Top Log Interval	00		
Casing Driller	8 5/8" @ 223		
Casing Logger	223		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 8,000 PPM	
Density / Viscosity	9.2/53		
pH / Fluid Loss	10.5/6.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.600 @ 76F		
Rmt @ Meas. Temp	.450 @ 76F		
Rmc @ Meas. Temp	.720 @ 76F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.393 @ 116F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	9:00 A.M.		
Maximum Recorded Temperature	116F		
Equipment Number	8916		
Location	HAYS, KANSAS		
Recorded By	COLE ROBEN		
Witnessed By	ED GLASSMAN		

<<< Fold Here >>>

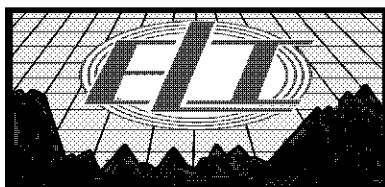
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

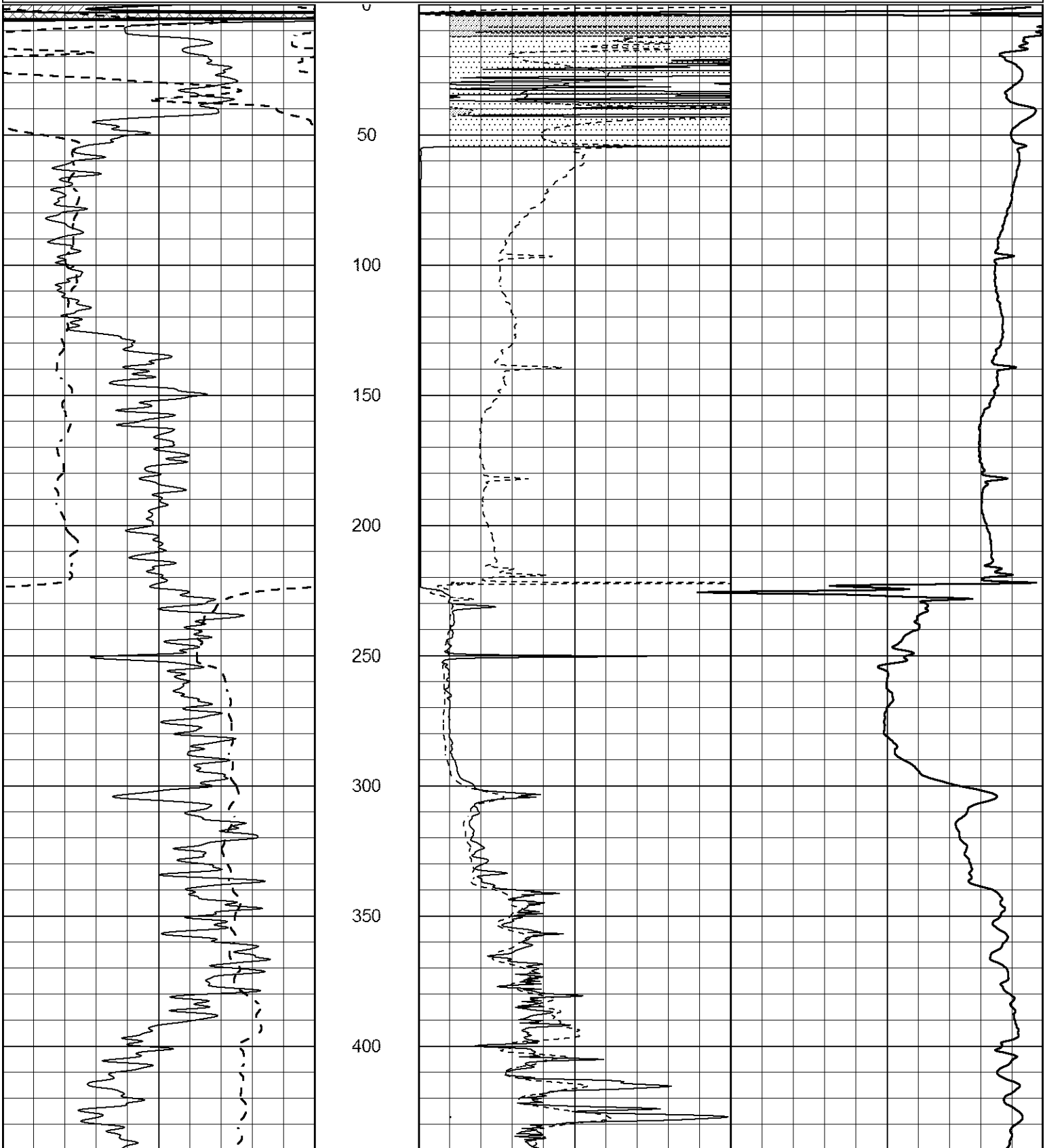
FROM HAYS, KANSAS GO WEST ON HIGHWAY 40 TO 140TH AVENUE, SOUTH TO AIRBASE ROAD, WEST 3/4 MILE, SOUTH INTO

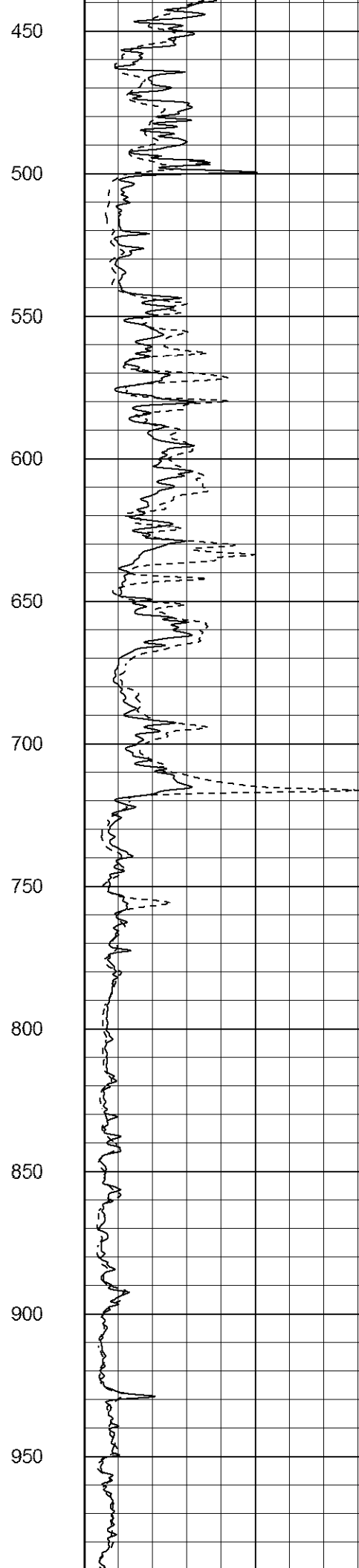
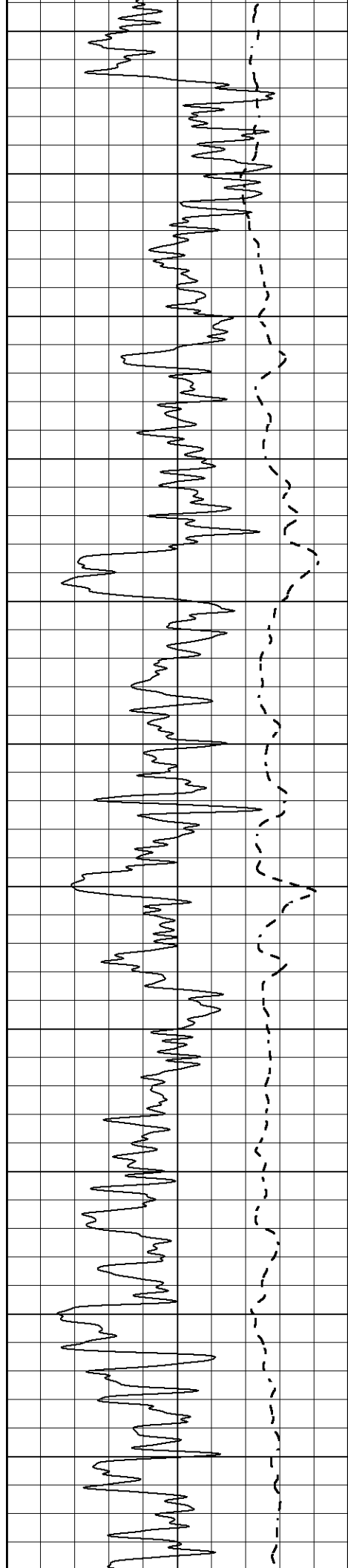


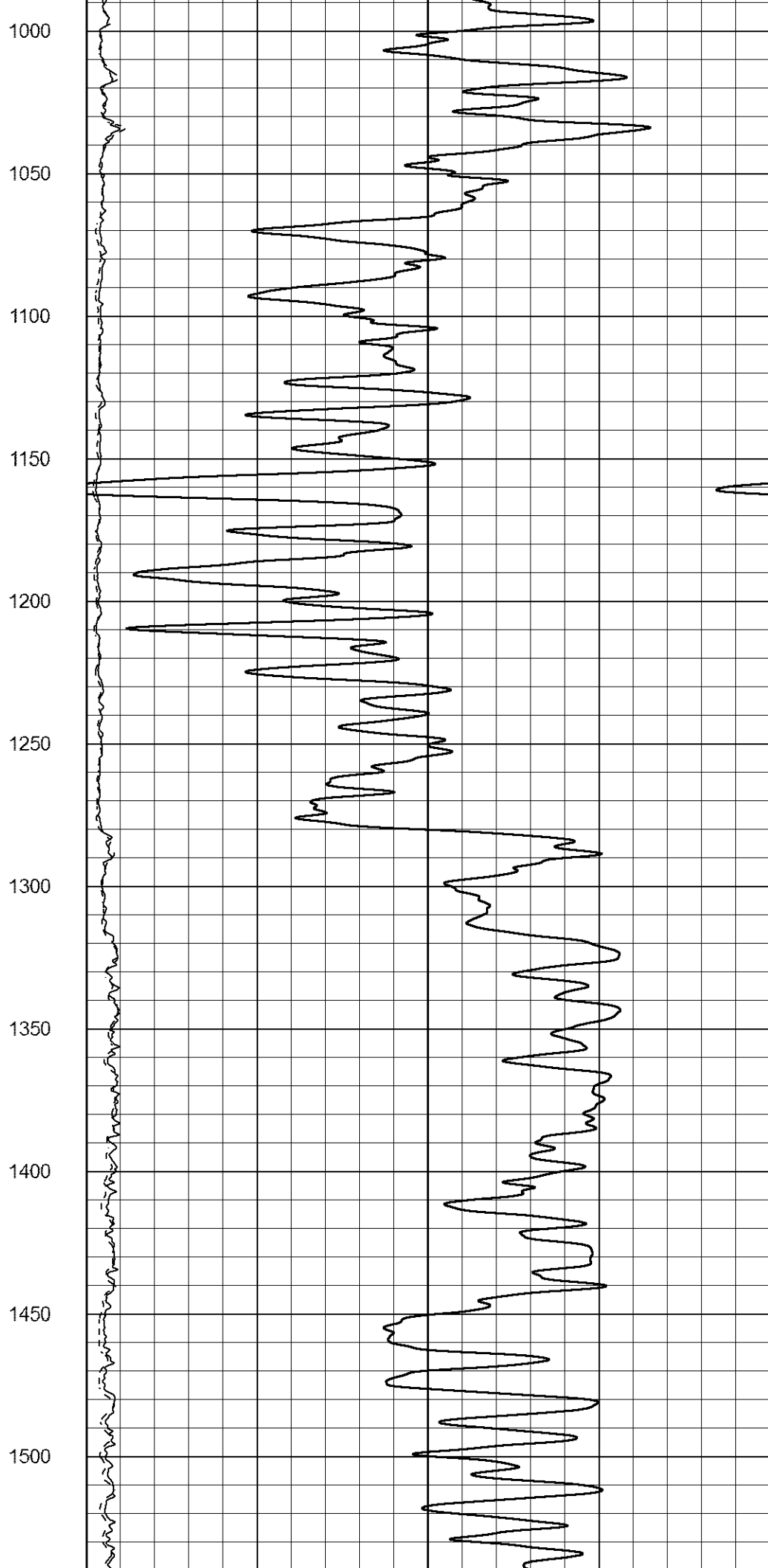
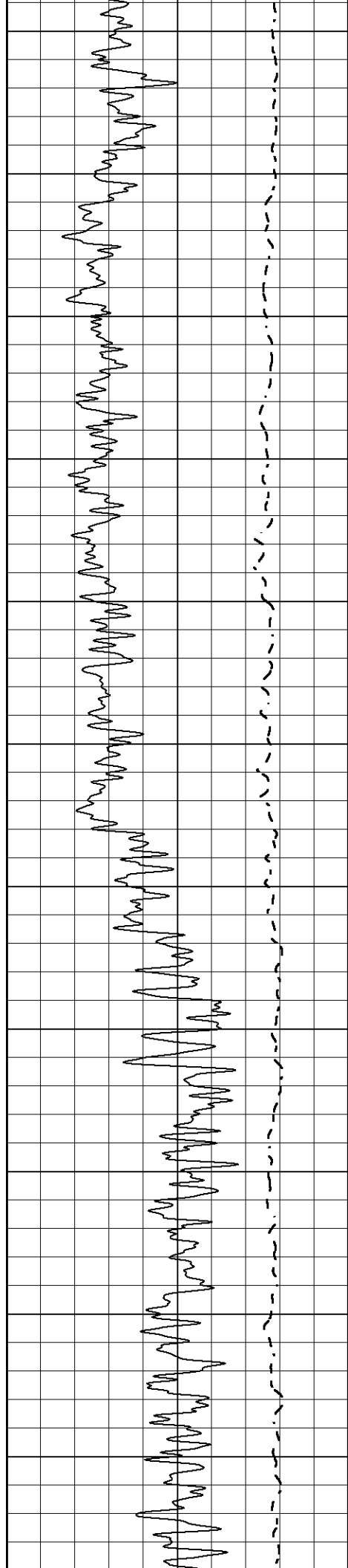
MAIN SECTION

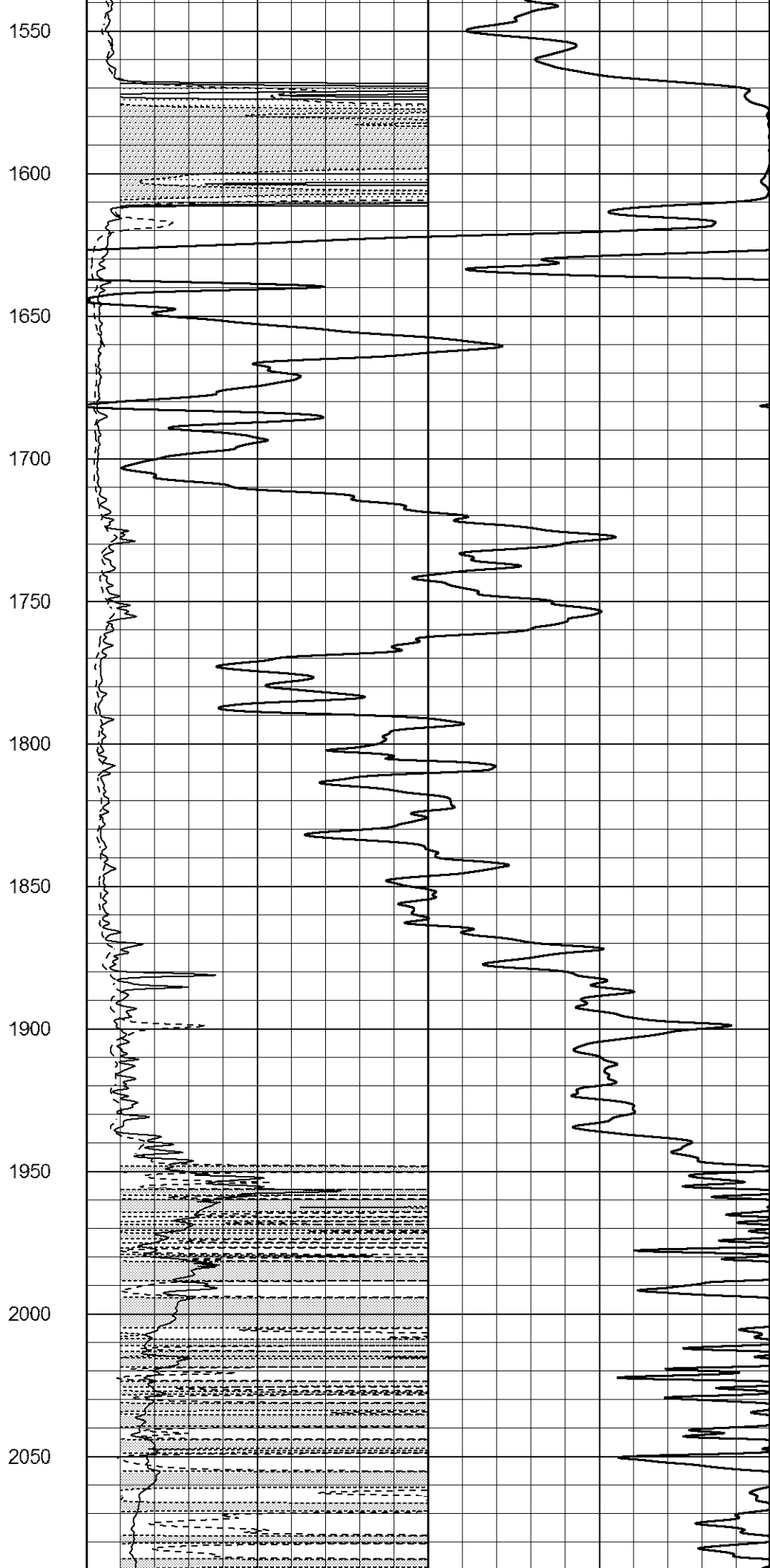
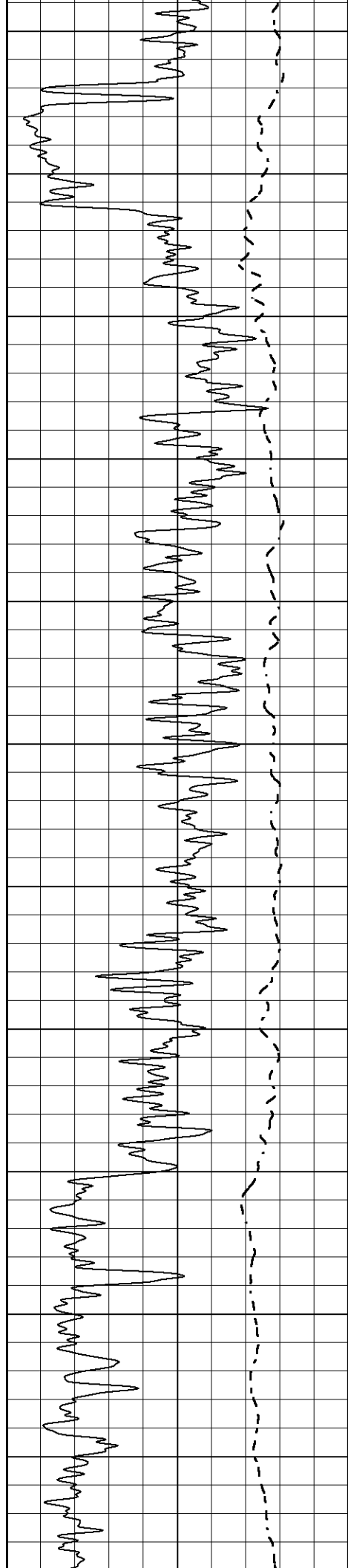
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Dataset Pathname	pass3M
Presentation Format	_dil2
Dataset Creation	Thu Jun 15 10:44:24 2023
Charted by	Depth in Feet scaled 1:600

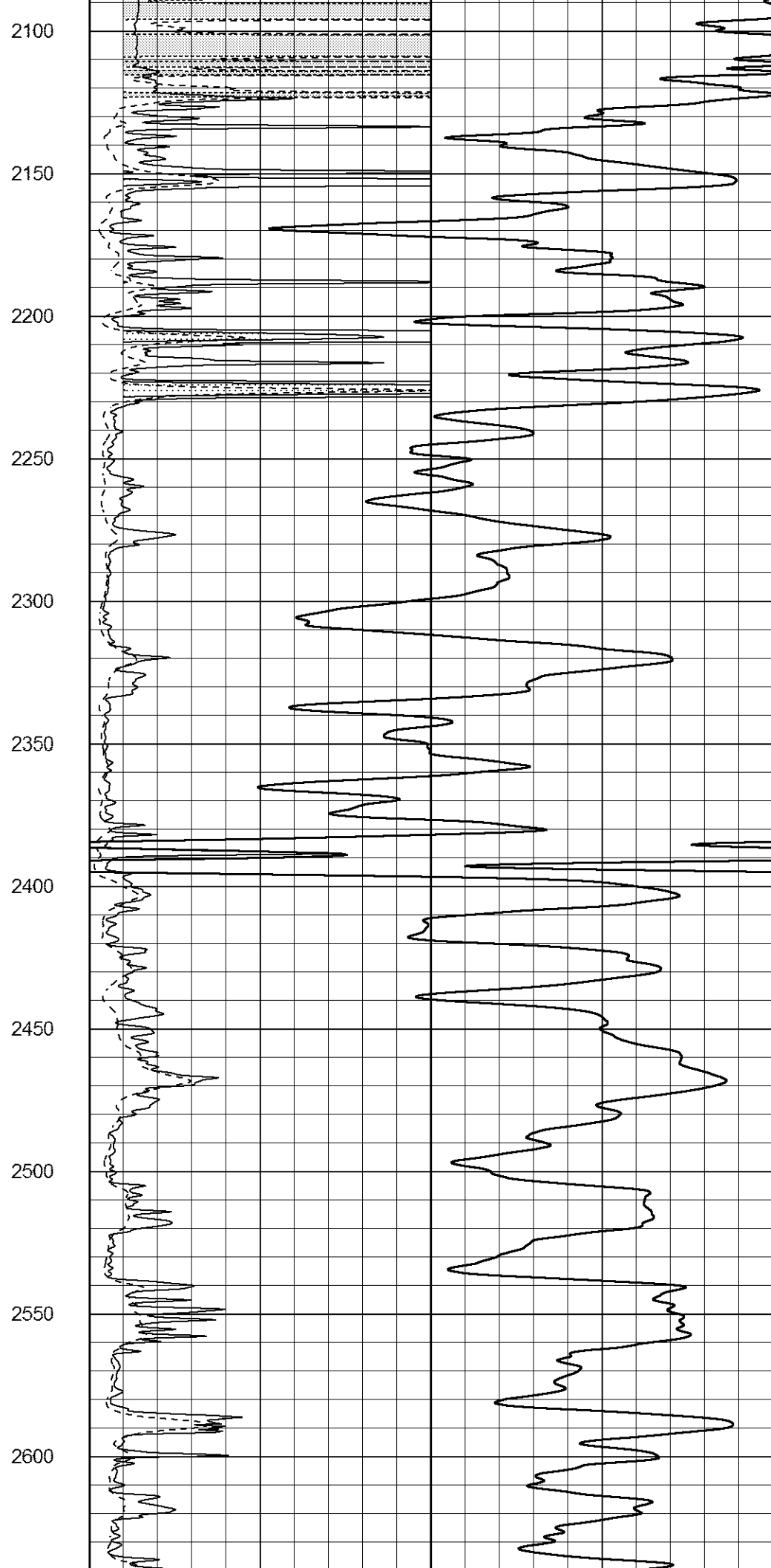
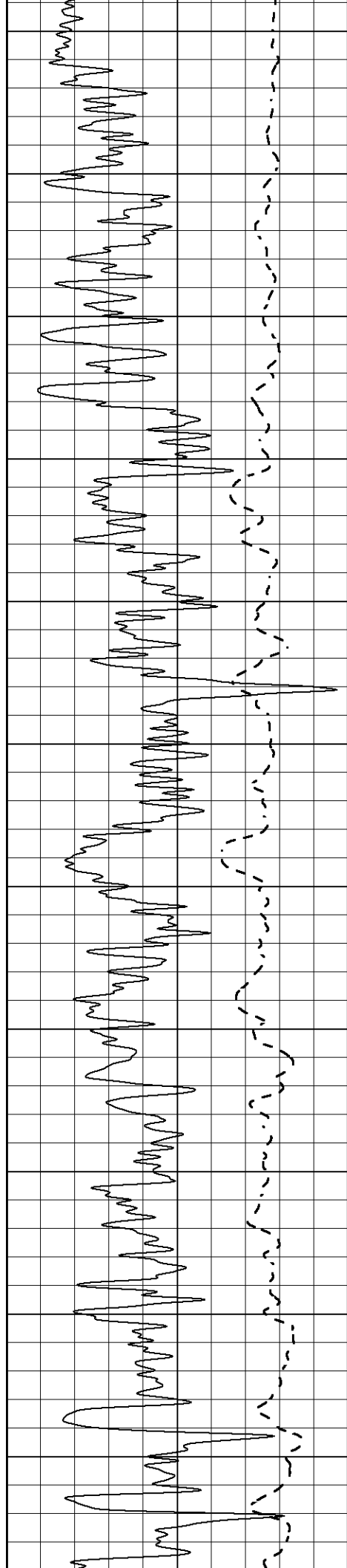
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-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
-----			0	Deep Induction (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500

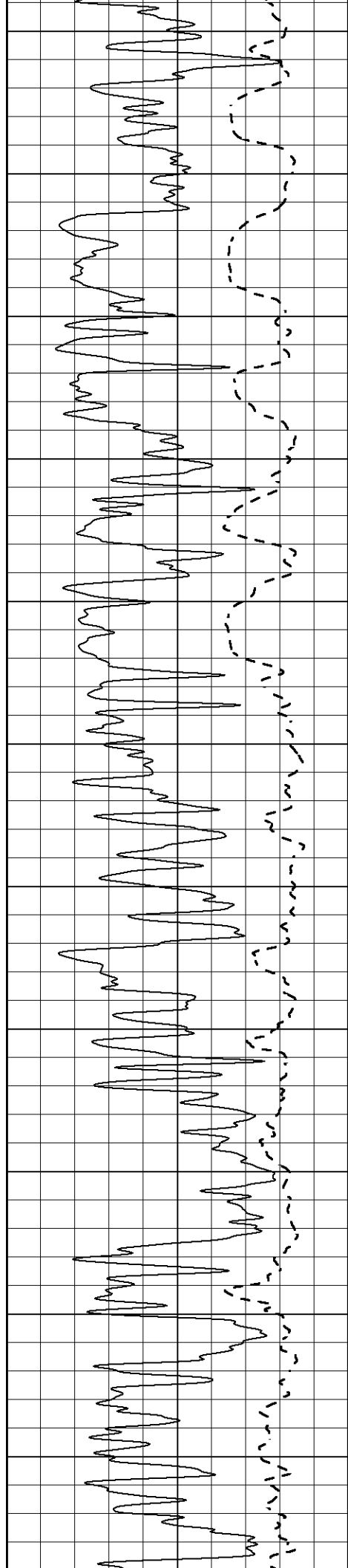












2650

2700

2750

2800

2850

2900

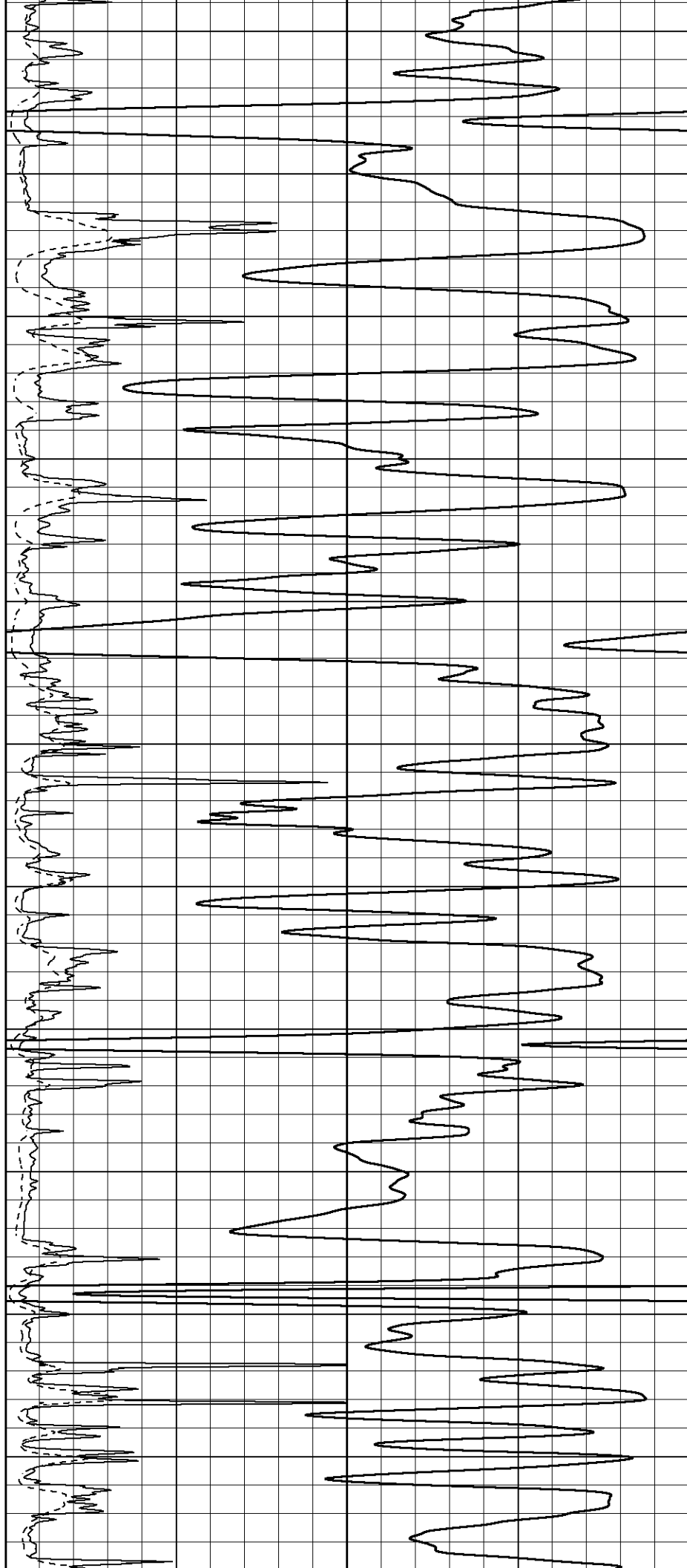
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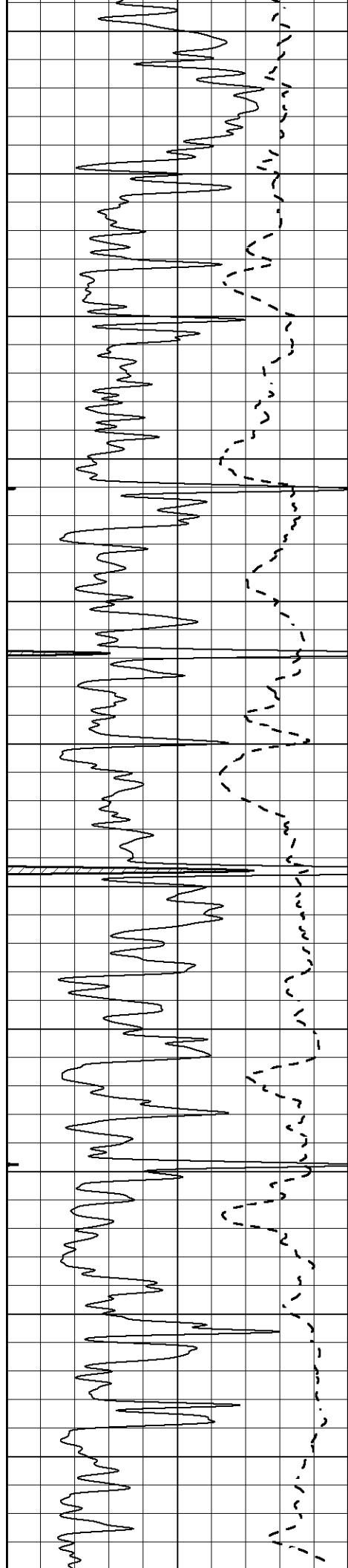
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3050

3100

3150





3200

3250

3300

3350

3400

3450

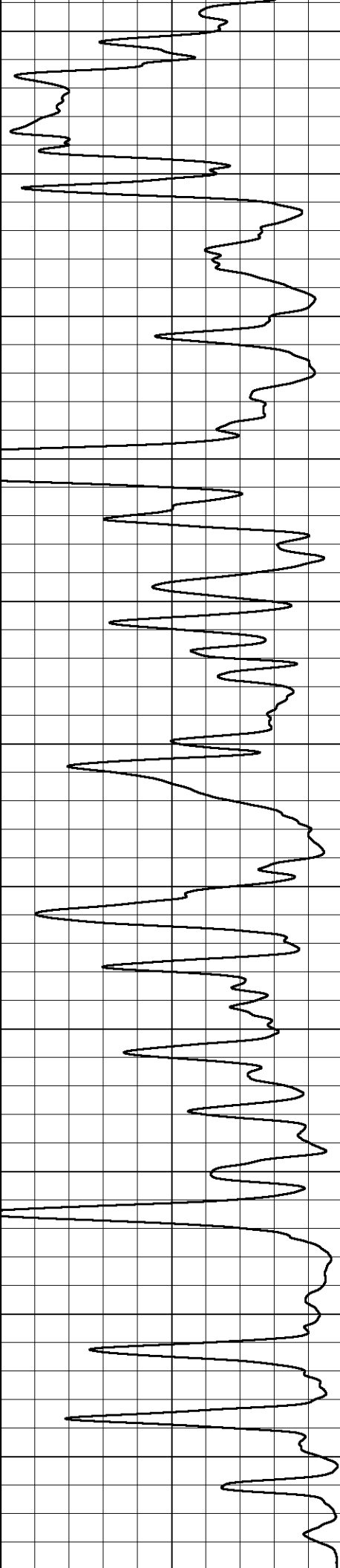
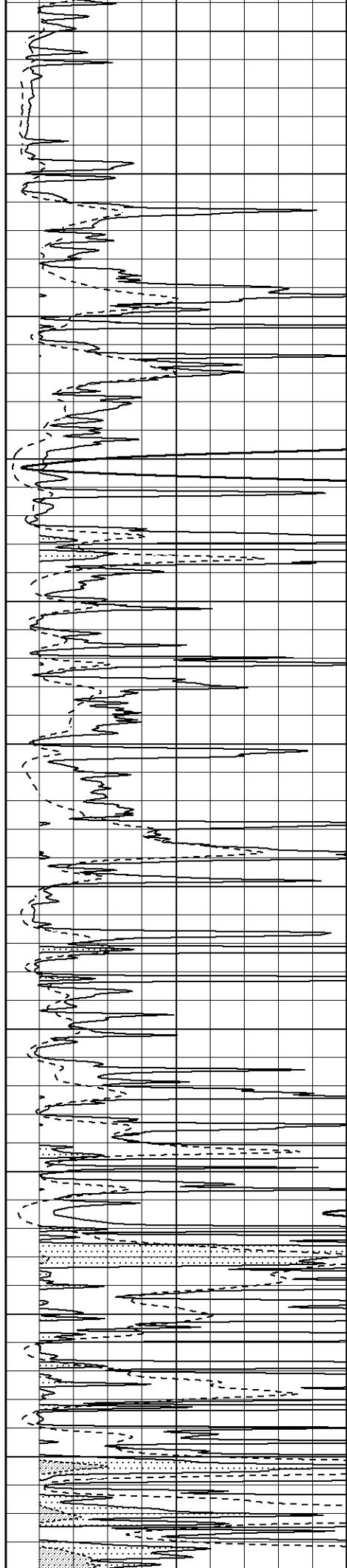
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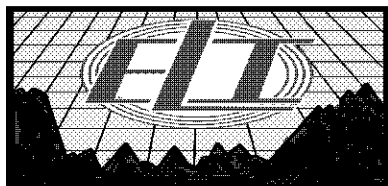
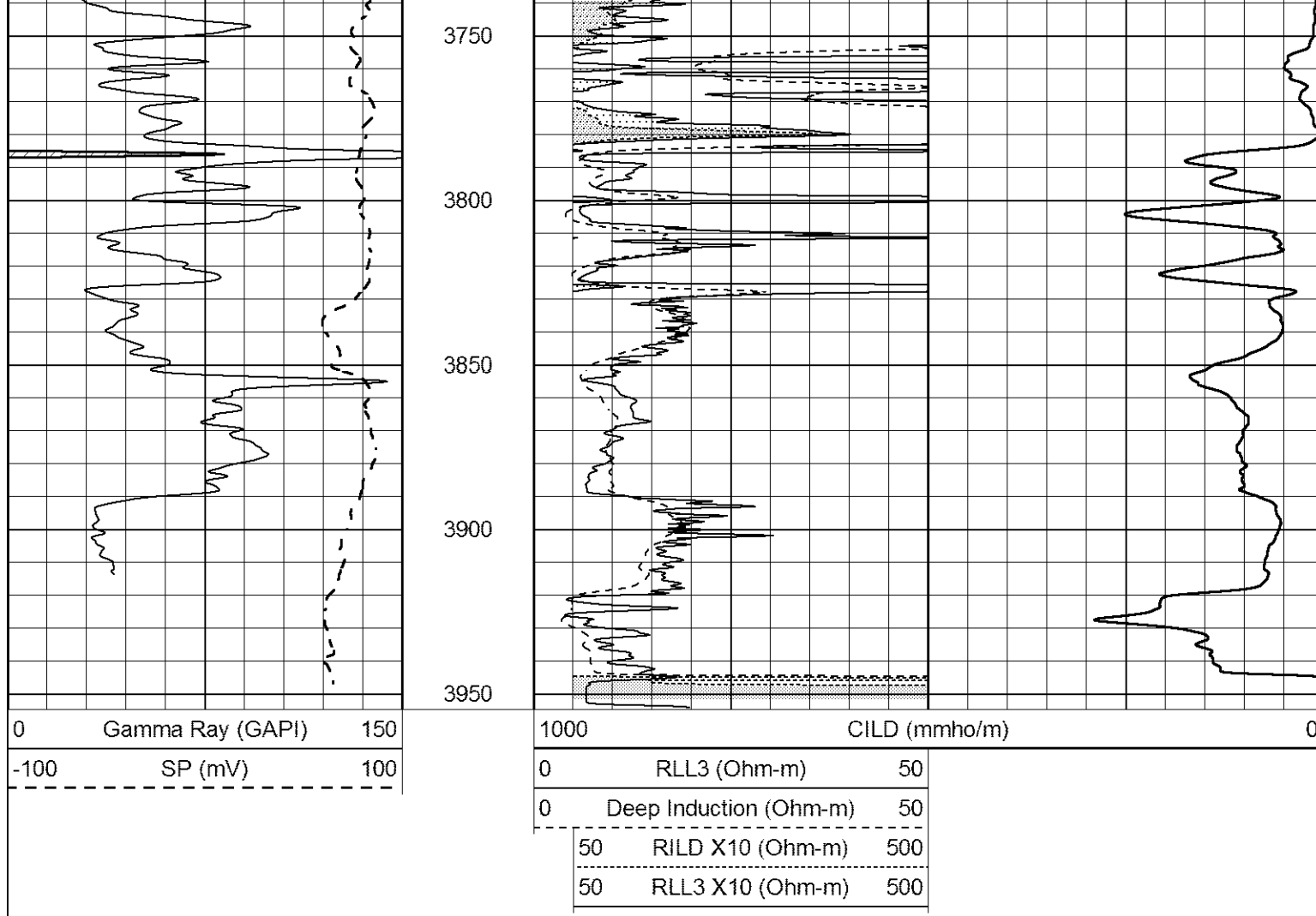
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3600

3650

3700

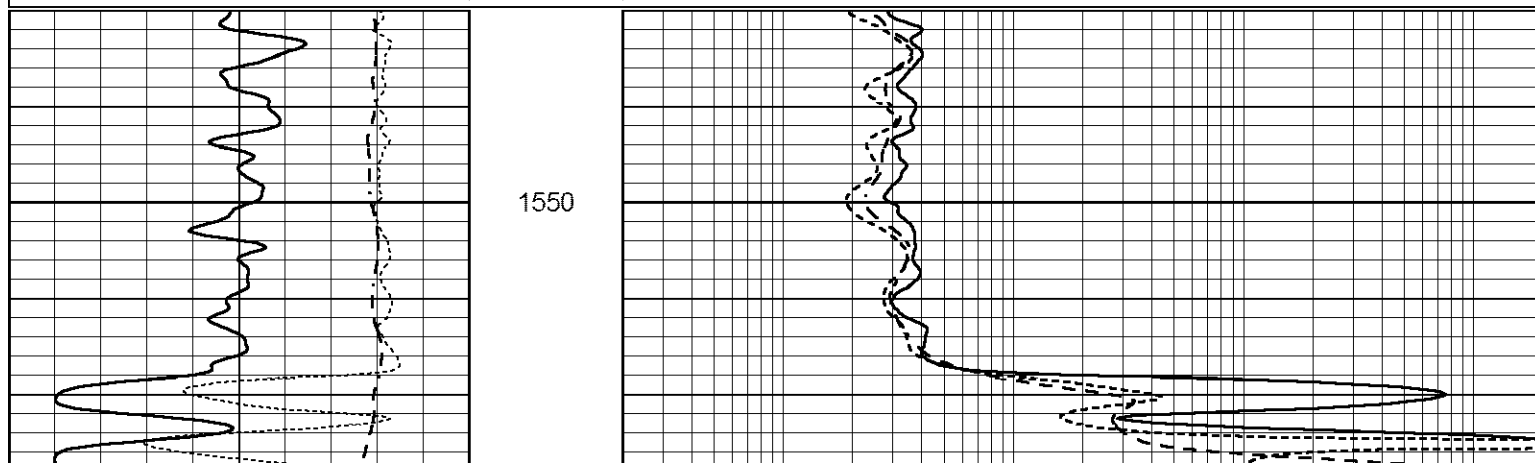


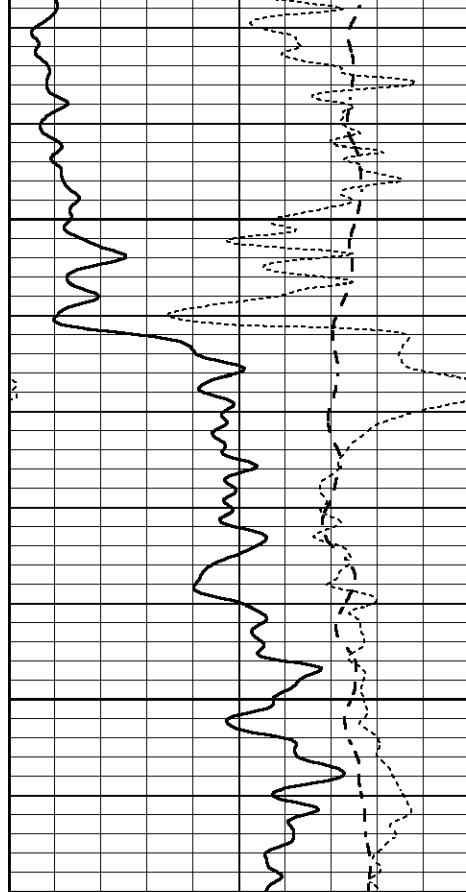


ANHYDRITE

Database File 7595ddn.db
 Dataset Pathname pass3.10
 Presentation Format _dil
 Dataset Creation Thu Jun 15 10:45:30 2023
 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	MEDIUM INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	DEEP INDUCTION (Ohm-m)	2000

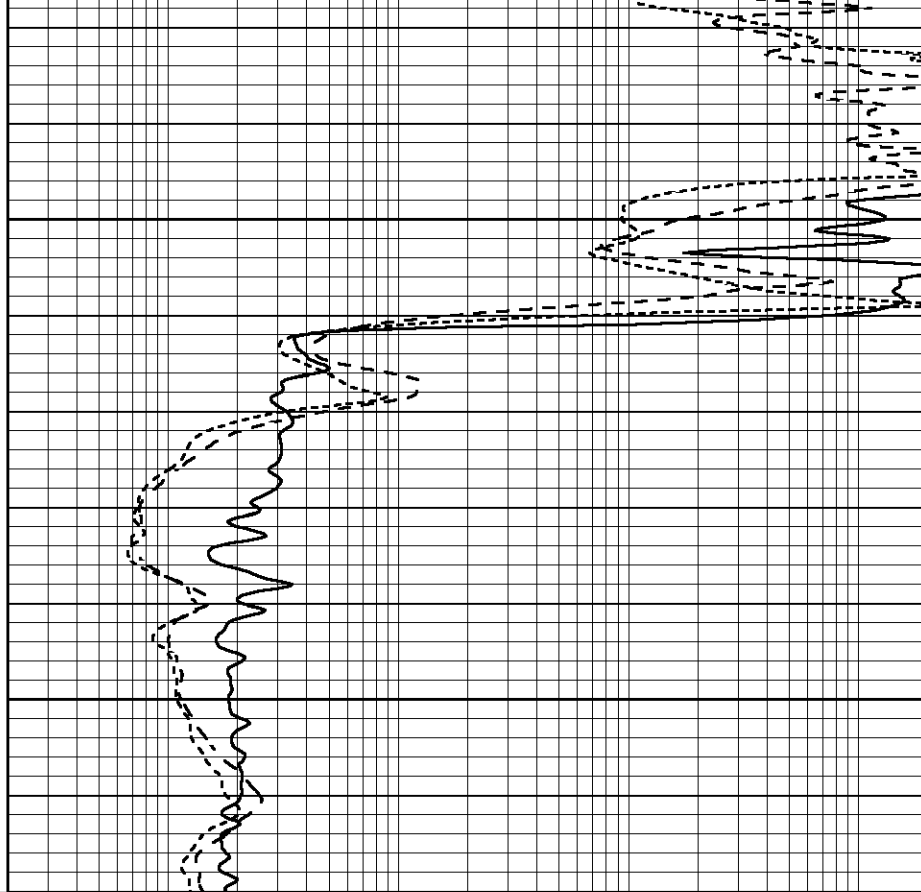




1600

1650

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



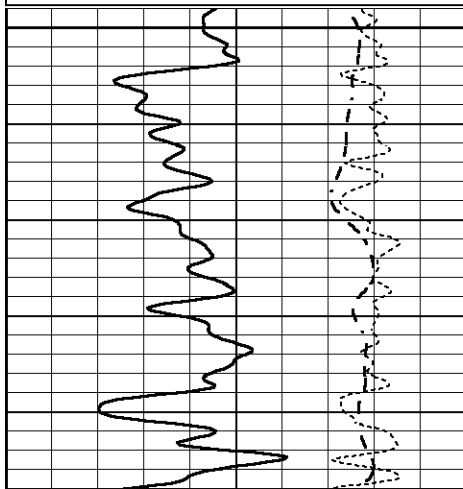
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000



MAIN SECTION

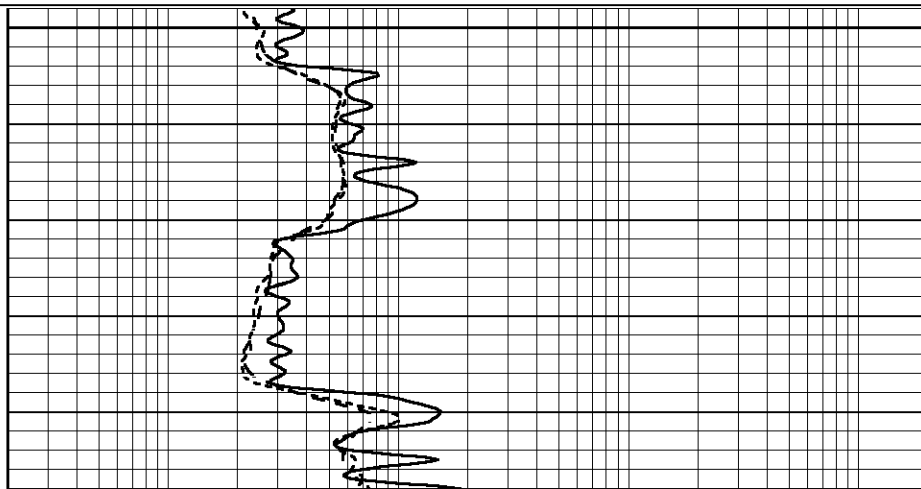
Database File 7595ddn.db
 Dataset Pathname pass3D
 Presentation Format _dil
 Dataset Creation Thu Jun 15 10:21:33 2023
 Charted by Depth in Feet scaled 1:240

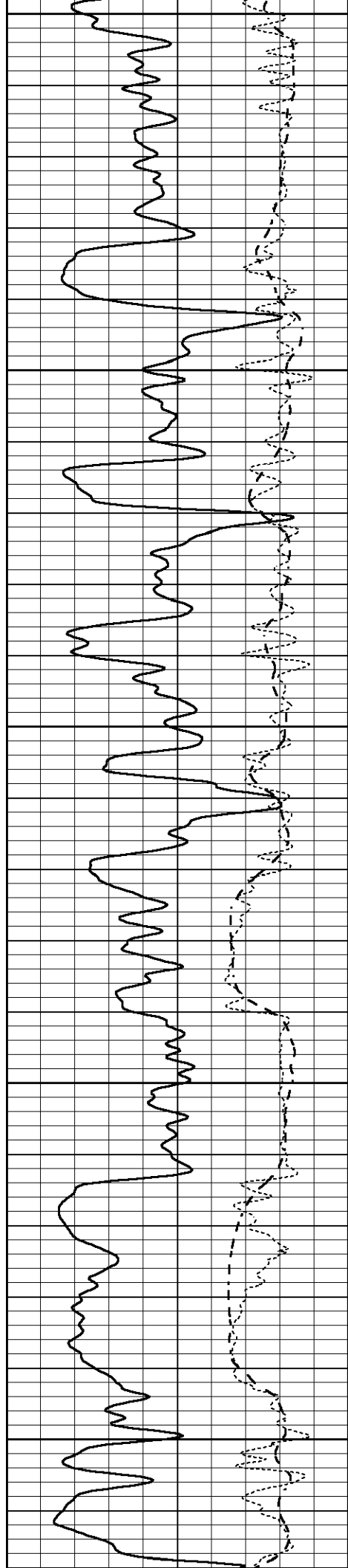
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50



2500

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





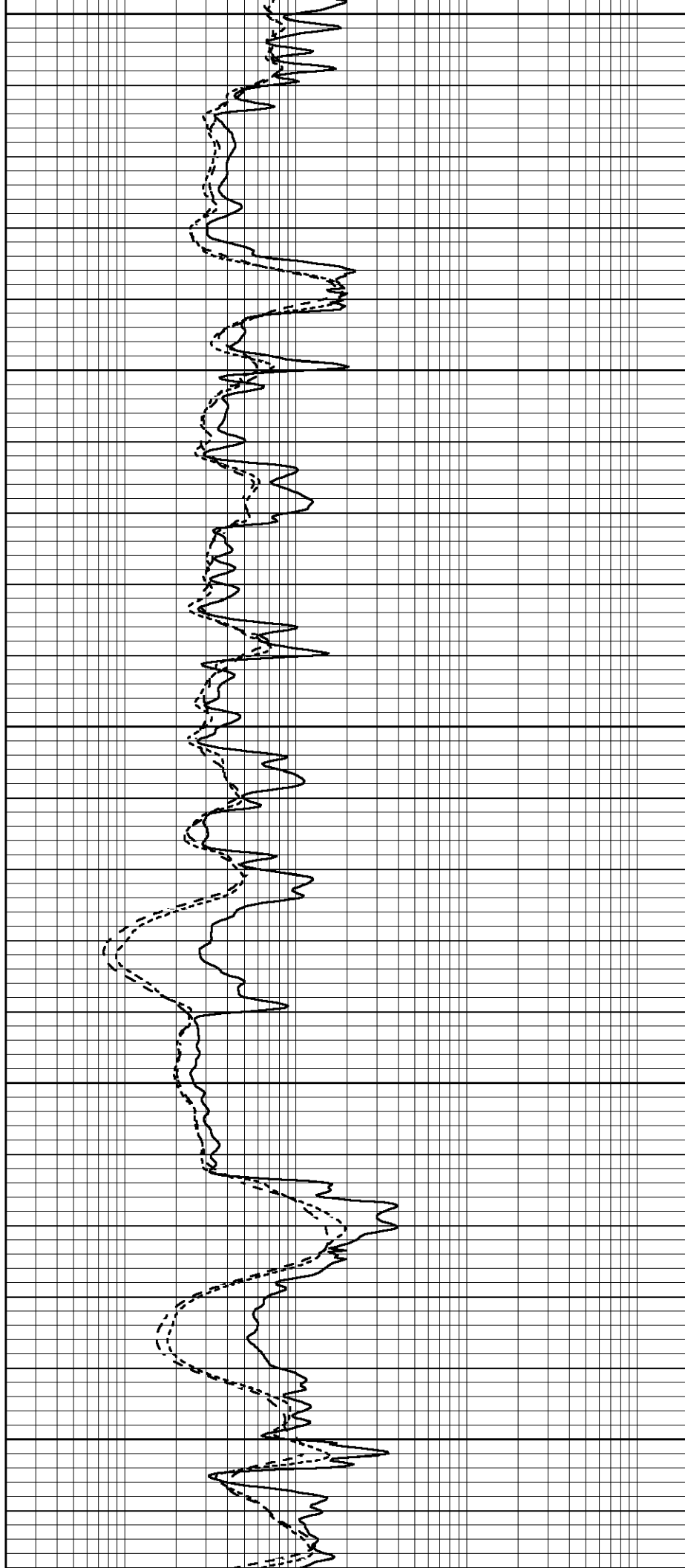
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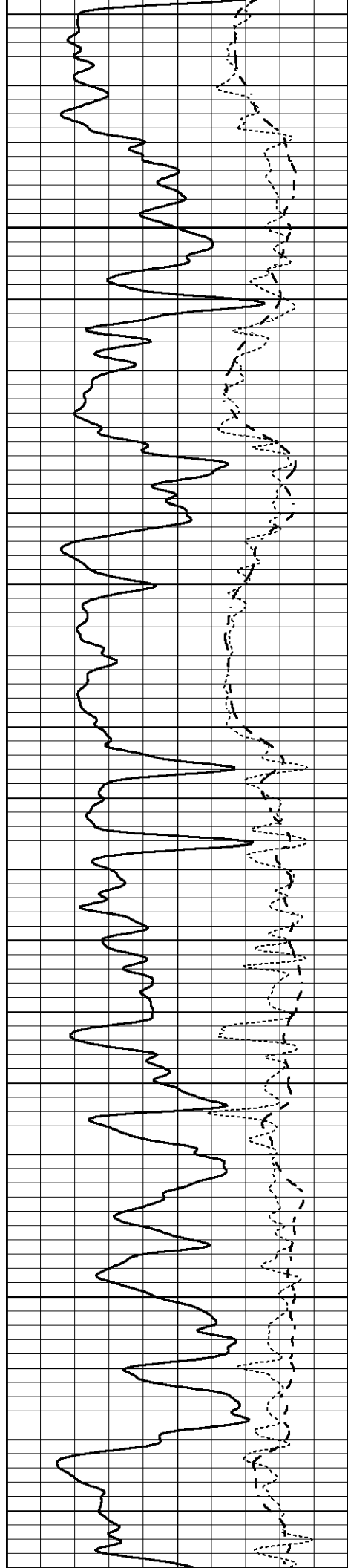
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2650

2700

2750



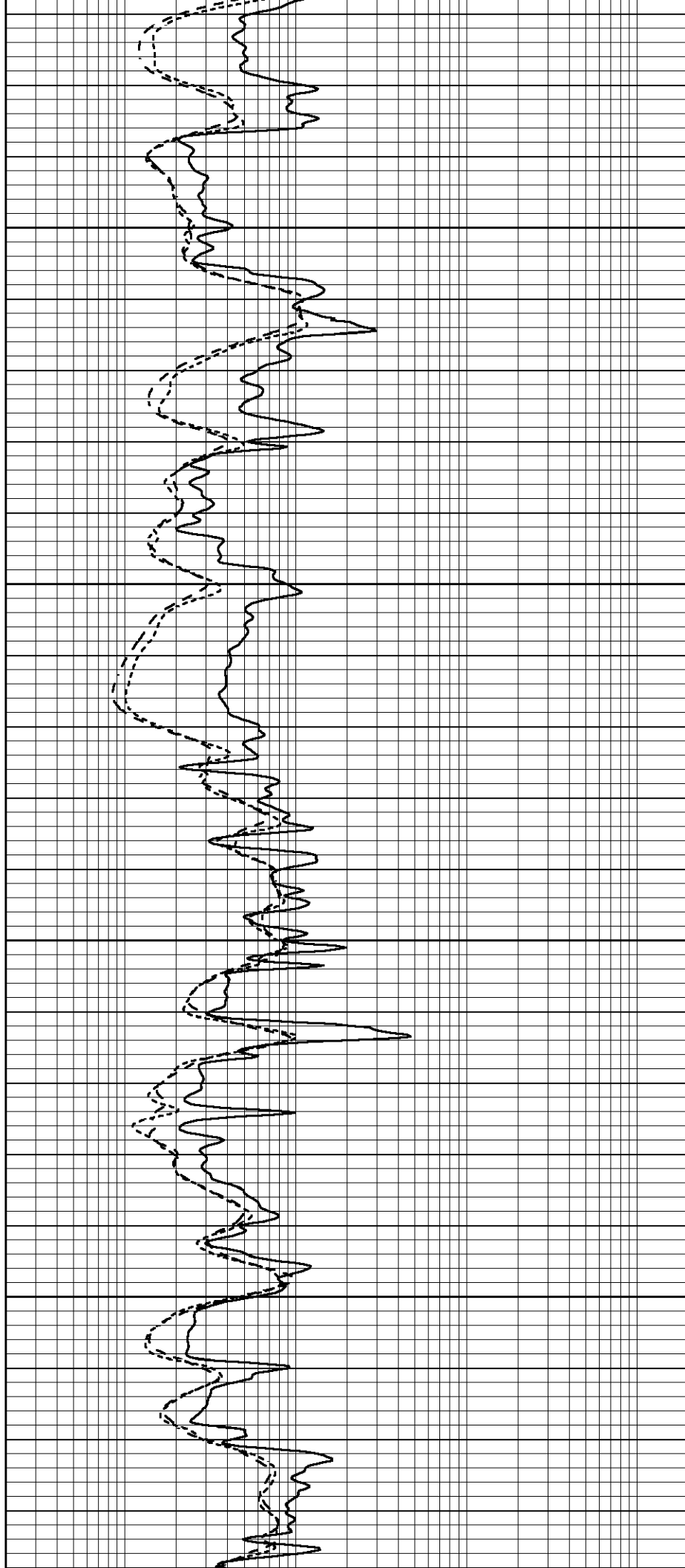


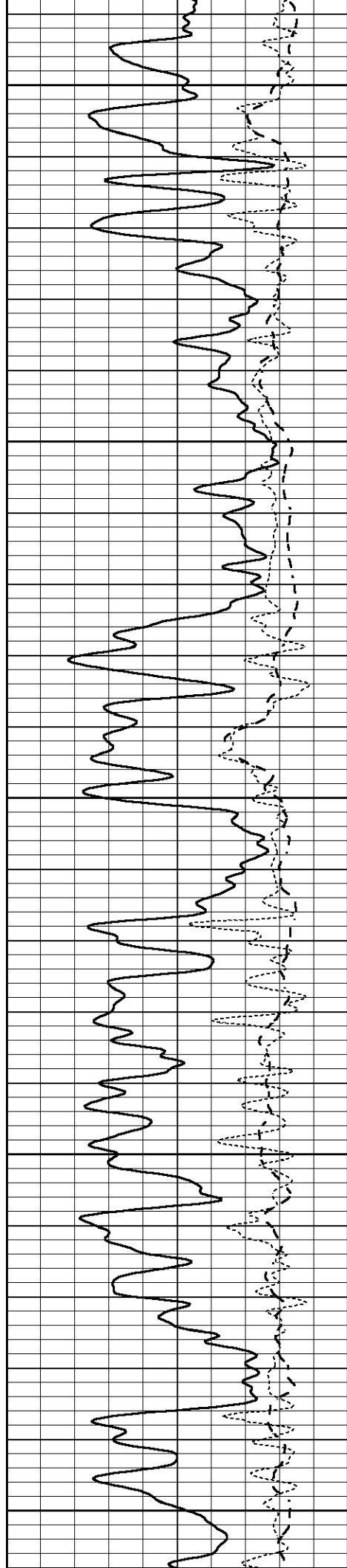
2800

2850

2900

2950





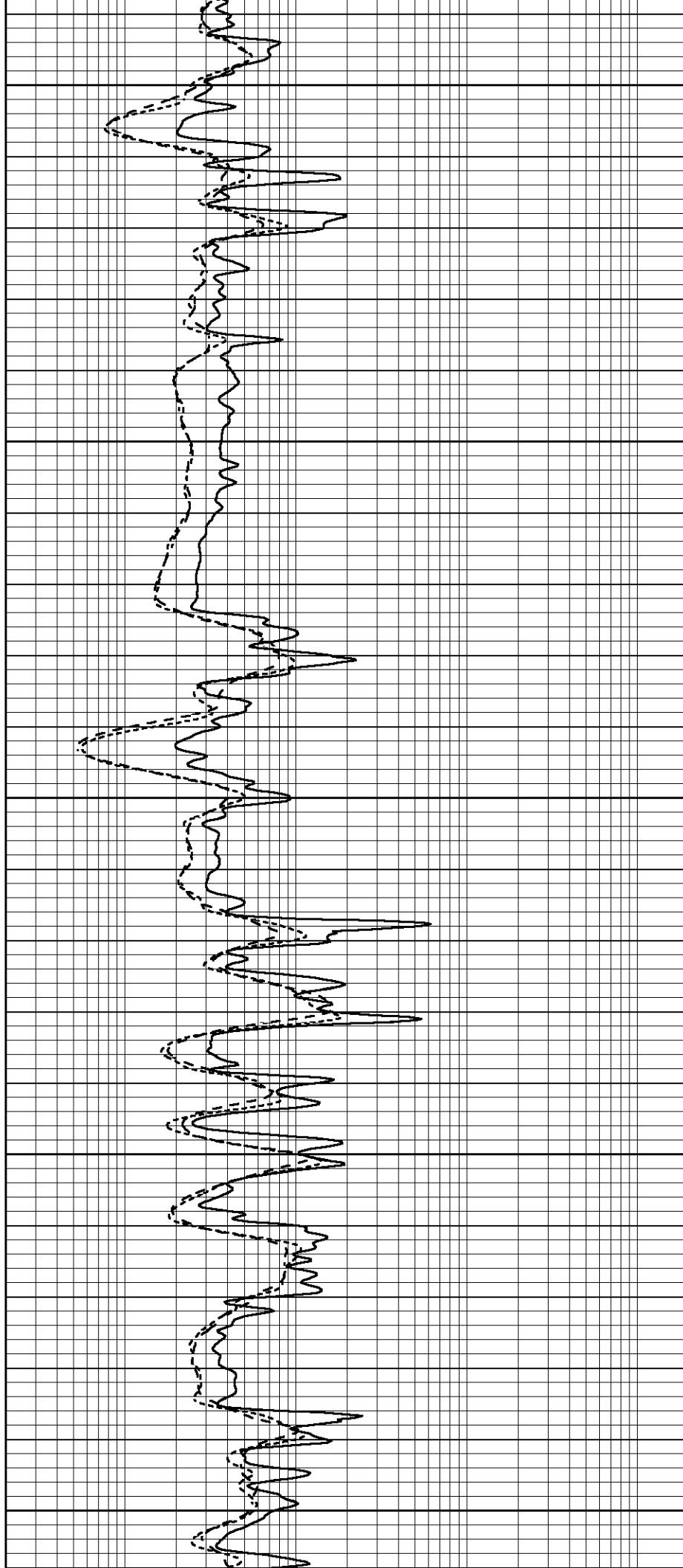
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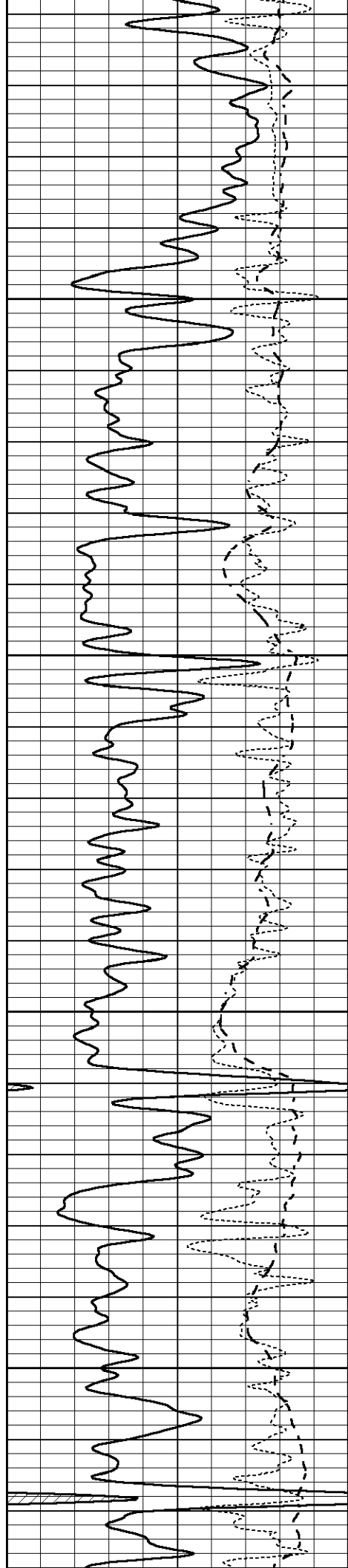
3050

3100

3150

3200



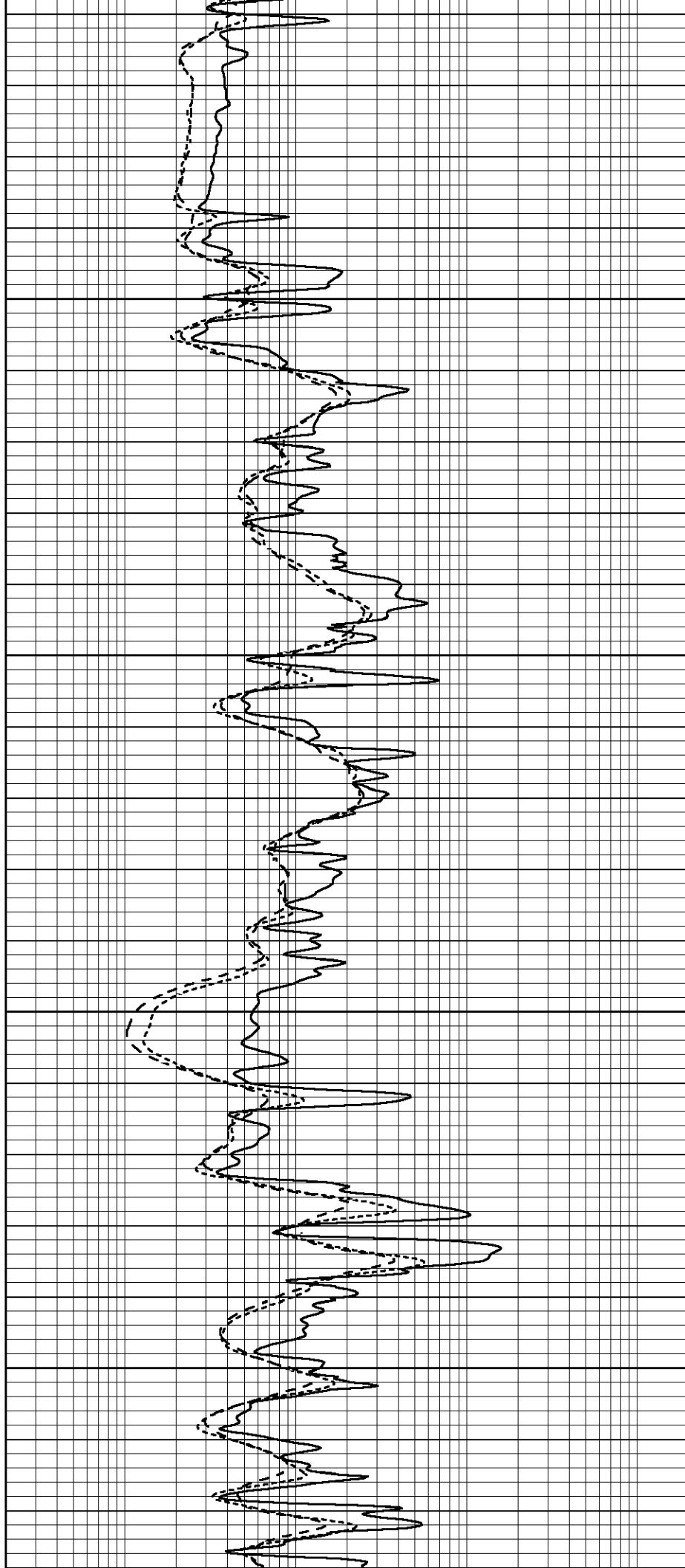


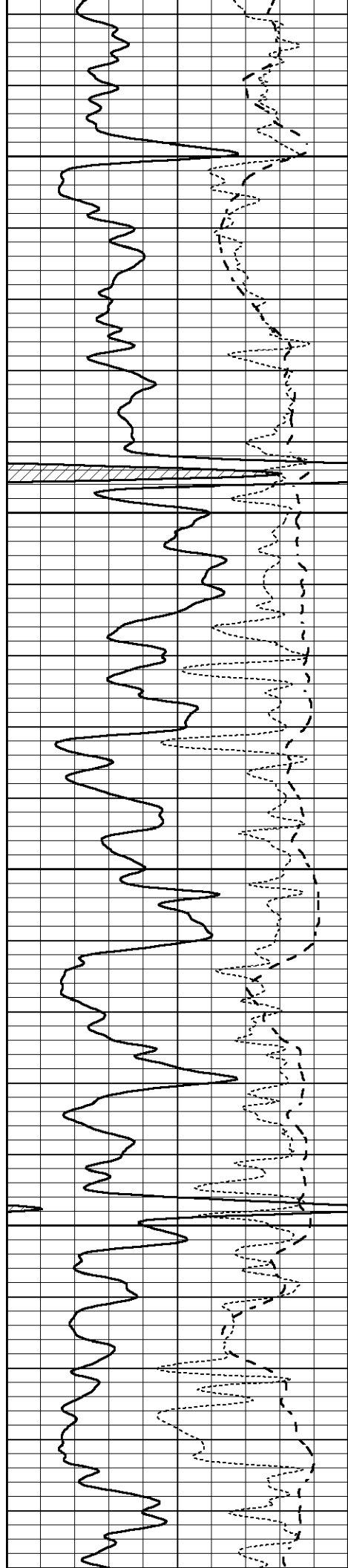
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3300

3350

3400



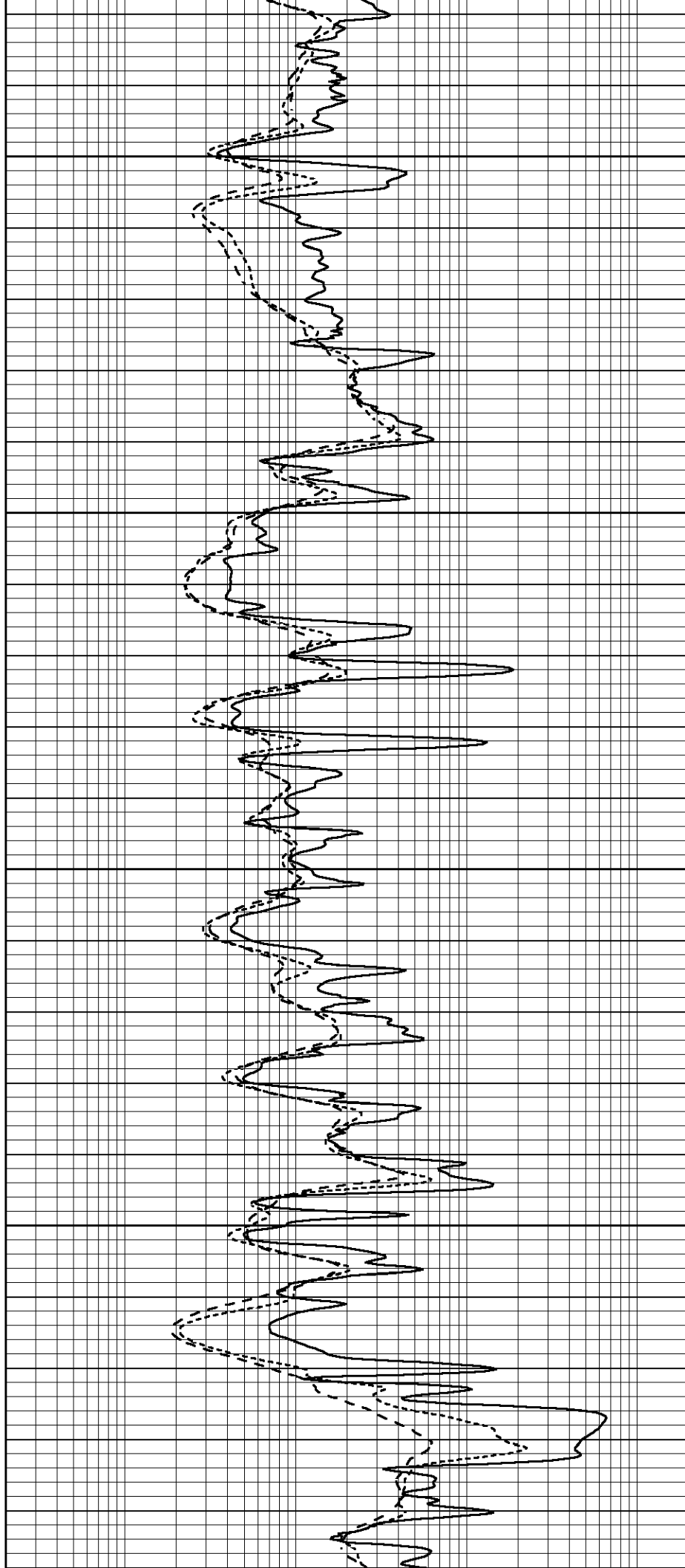


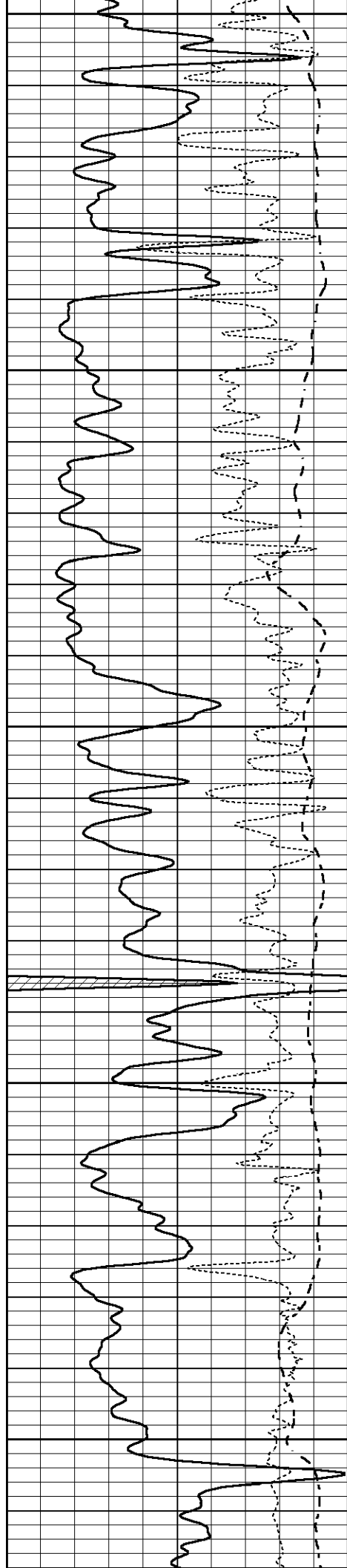
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3500

3550

3600





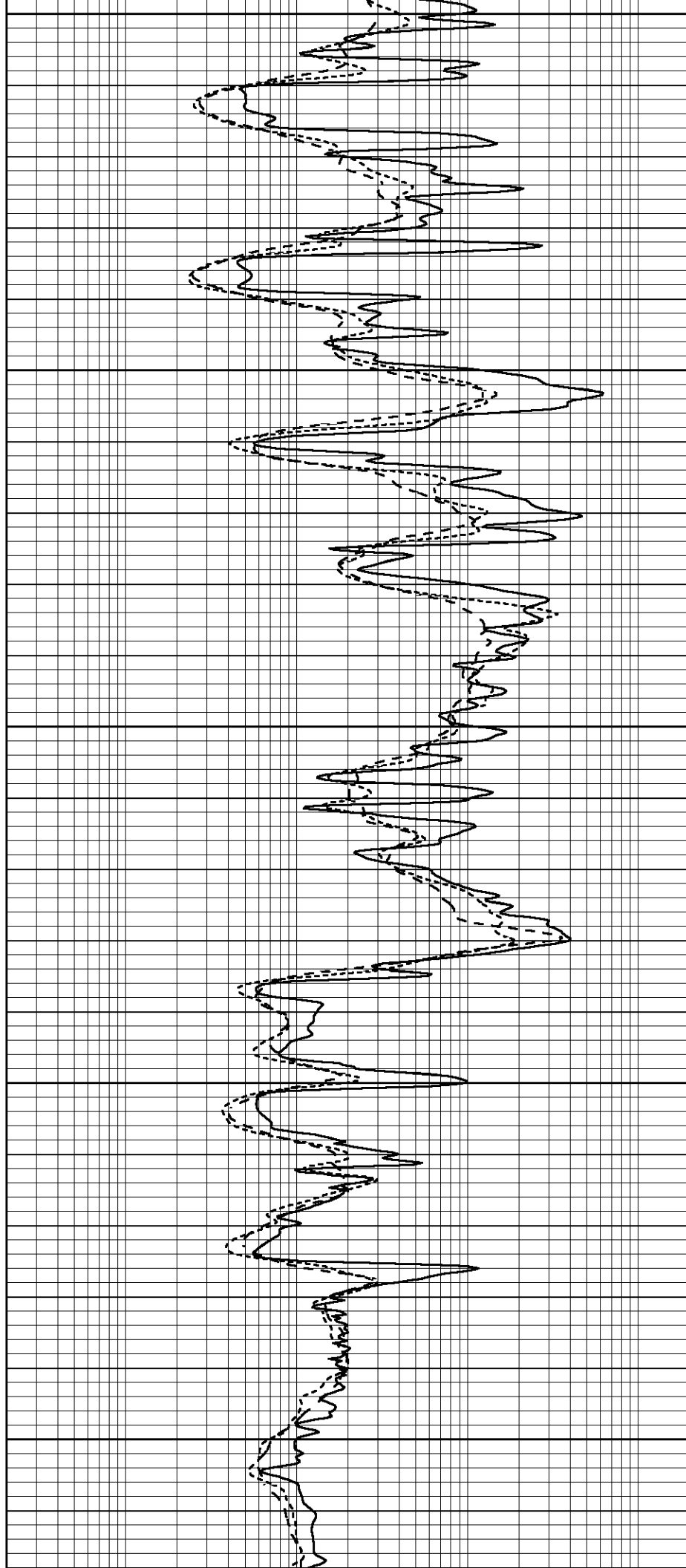
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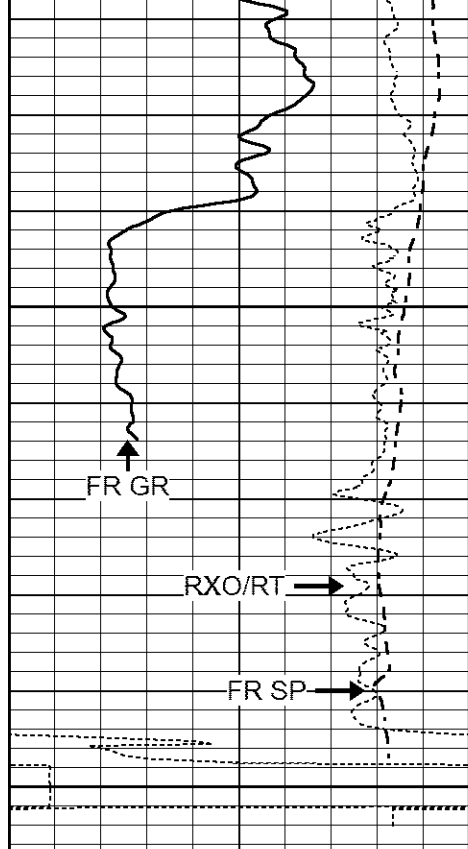
3700

3750

3800

3850

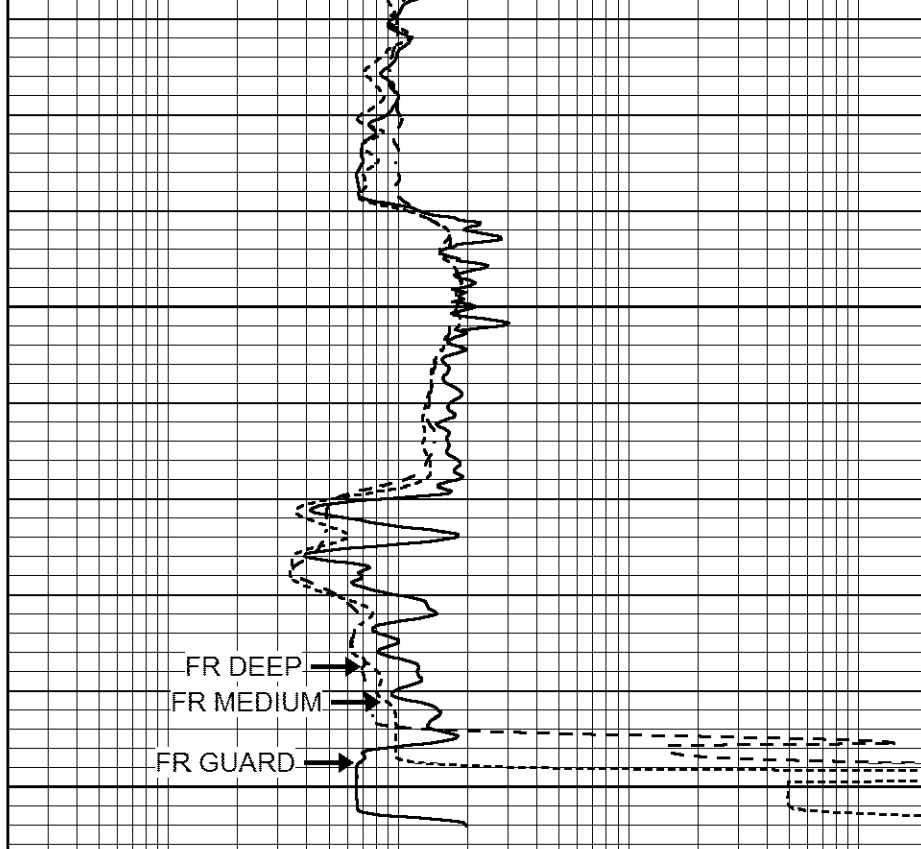




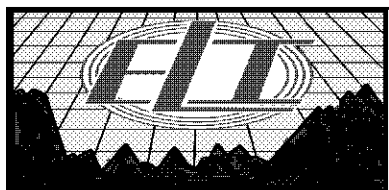
3900

LTD 3950
3950

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



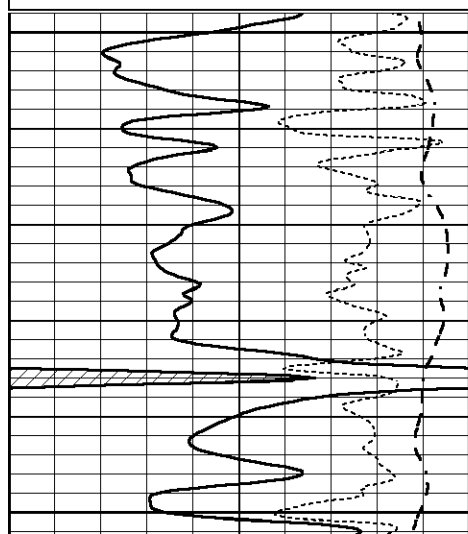
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000



REPEAT SECTION

Database File 7595ddn.db
Dataset Pathname pass2DL
Presentation Format _dil
Dataset Creation Thu Jun 15 10:33:32 2023
Charted by Depth in Feet scaled 1:240

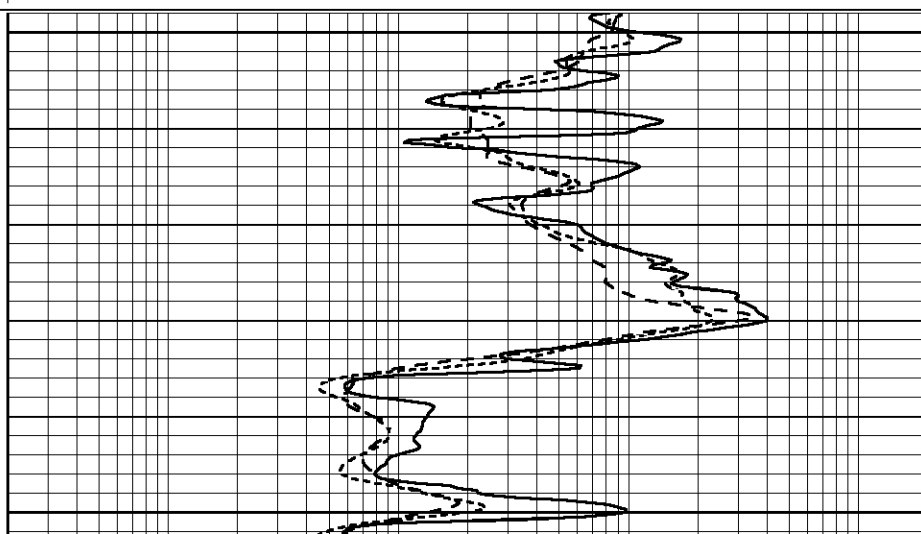
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-100	SP (mV)	100
-250	Rxo/Rt	50

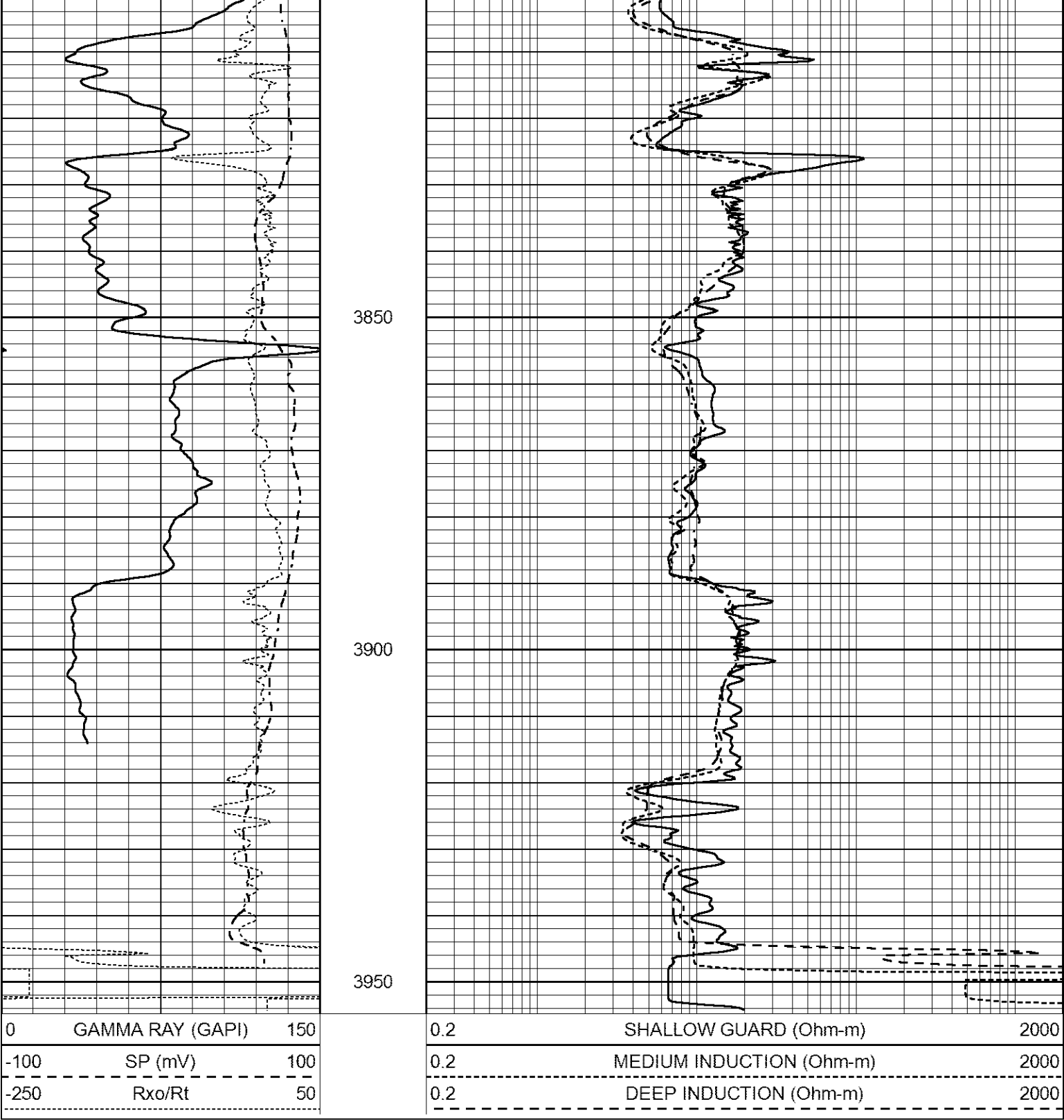


3750

3800

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





Calibration Report			
Database File	7595ddn.db		
Dataset Pathname	pass3M		
Dataset Creation	Thu Jun 15 10:44:24 2023		
Dual Induction Calibration Report			
Serial-Model:	FW1410-55-Probe		
Surface Cal Performed:	Thu Jun 15 08:08:21 2023		
Downhole Cal Performed:	Tue Feb 19 11:44:24 2019		
After Survey Verification Performed:	Tue Feb 19 11:44:27 2019		
Surface Calibration	Readings	References	Results

Loop:	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	1.000	400.000	mmho/m	550.000	-6.000
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	530.000	-12.000
Internal:	Zero	Cal		Zero	Cal		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		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			
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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)		Gain	Offset
Low	High	Low	High				
7228.5	10151.9	8.0	14.0			0.0	-7.2

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:	Sun Apr 02 09:22:40 2023	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.4000	GAPI/cps