



DUAL INDUCTION
LOG

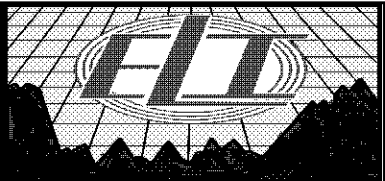
Company BEAR PETROLEUM, LLC.		Company BEAR PETROLEUM, LLC.	
Well STATES #1	Well STATES #1		
Field BURDETT	Field BURDETT		
County PAWNEE	County PAWNEE		
State KANSAS	State KANSAS		
Location:		API # : 15-145-21832-0000	Other Services DIL/MEL
1100' FSL & 1320' FWL			
SEC 10 TWP 22S RGE 20W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	
Log Measured From KELLY BUSHING 6" A.G.L	2167	K.B. 2173	
Drilling Measured From KELLY BUSHING		D.F. 2171	
		G.L. 2167	
Date 6/21/18	Run Number ONE		
Depth Driller	4549		
Depth Logger	4550		
Bottom Logged Interval	4548		
Top Log Interval	50		
Casing Driller	8 5/8" @ 1319		
Casing Logger	1319		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5000 PPM	
Density / Viscosity	9.4/46		
pH / Fluid Loss	8.5/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.75 @ 81F		
Rmf @ Meas. Temp	.56 @ 81F		
Rmc @ Meas. Temp	.90 @ 81F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.50 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	121F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	ROD ANDERSON		

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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.

Comments

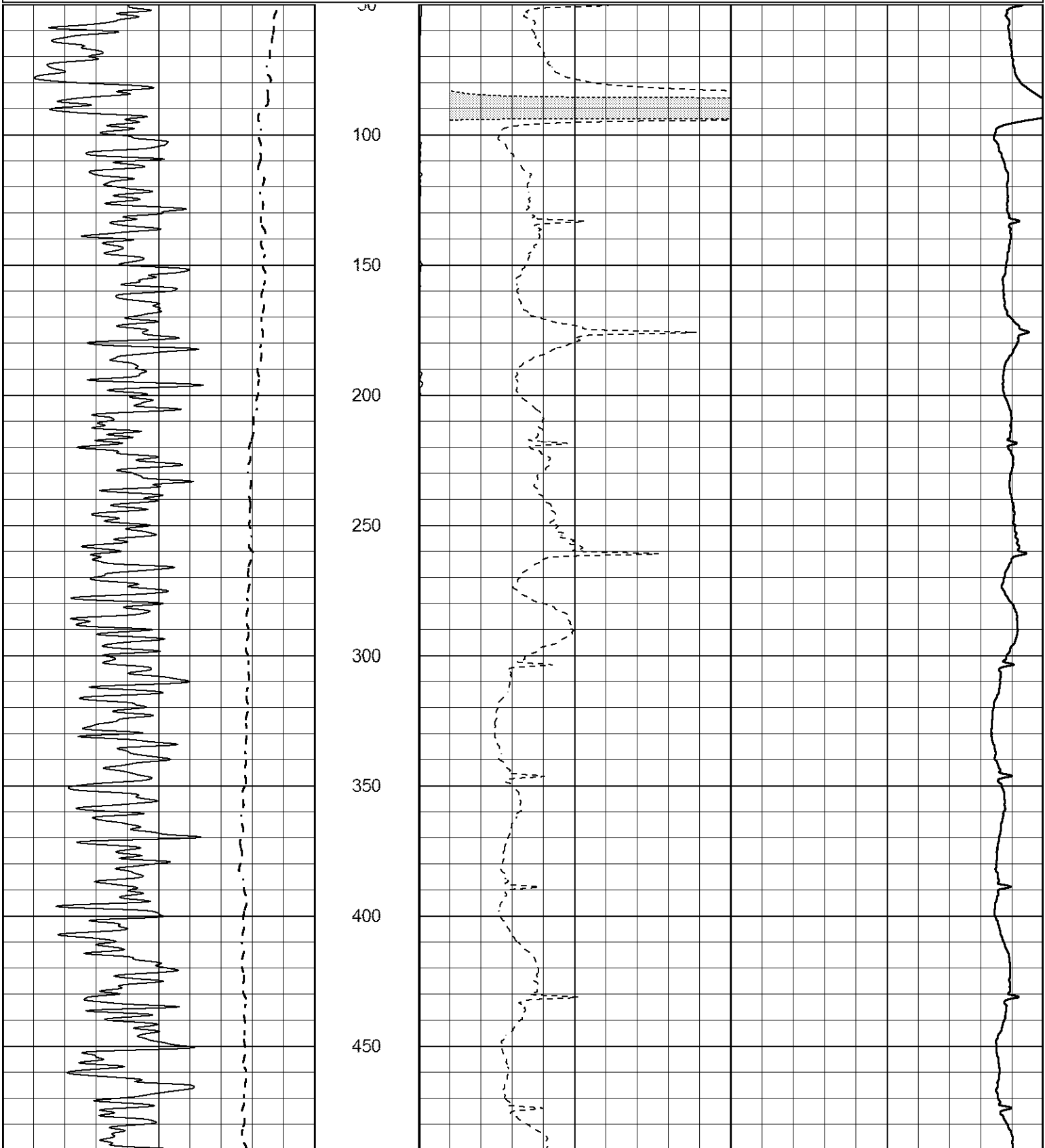
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
EAST OF BURDETT TO 340 RD.
3 SOUTH, EAST INTO.

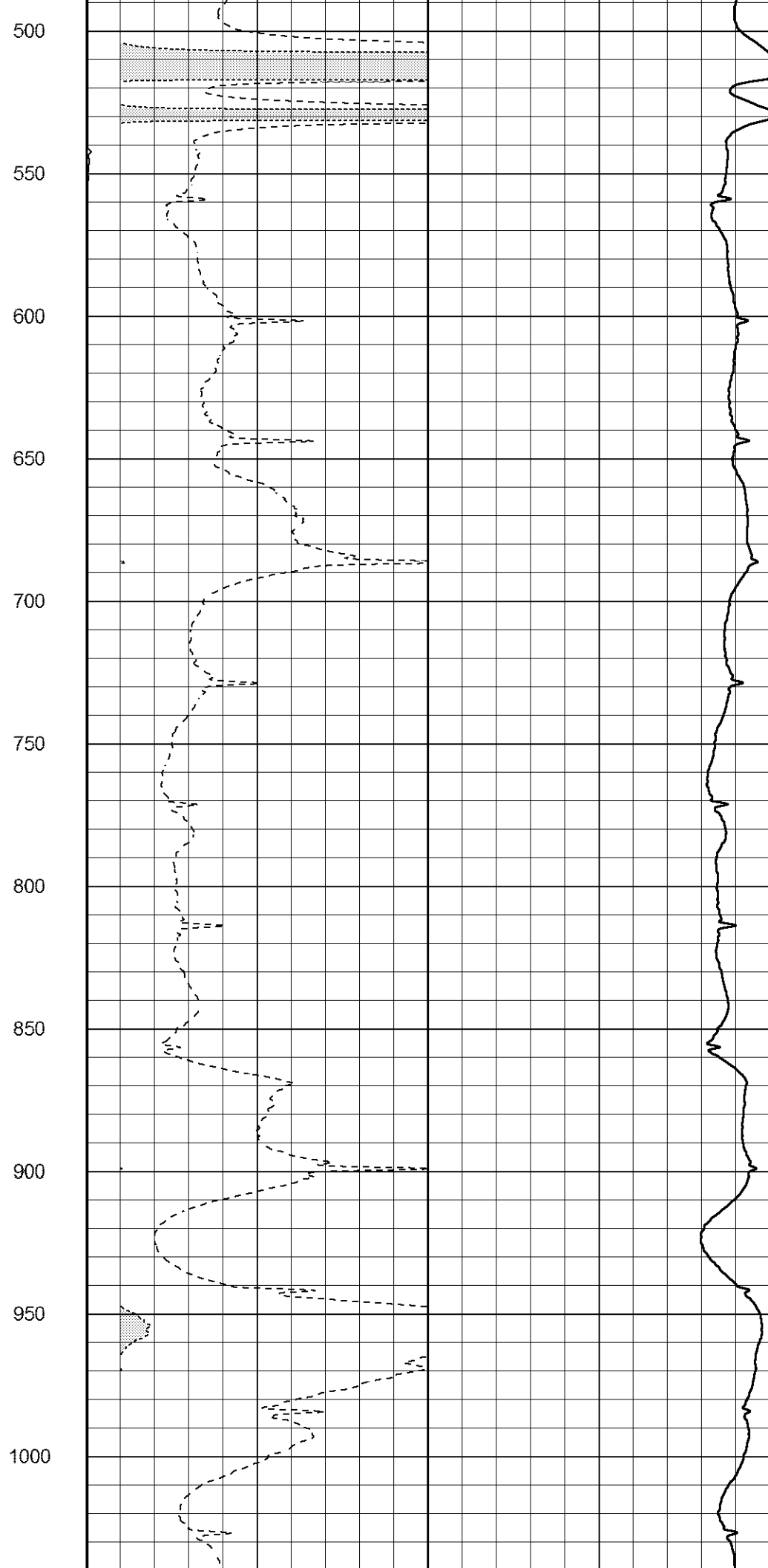
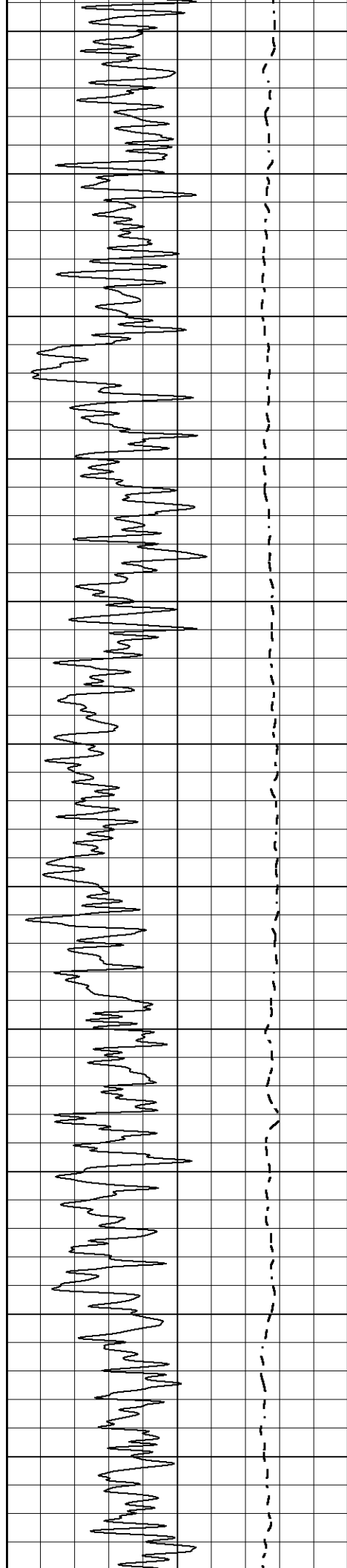


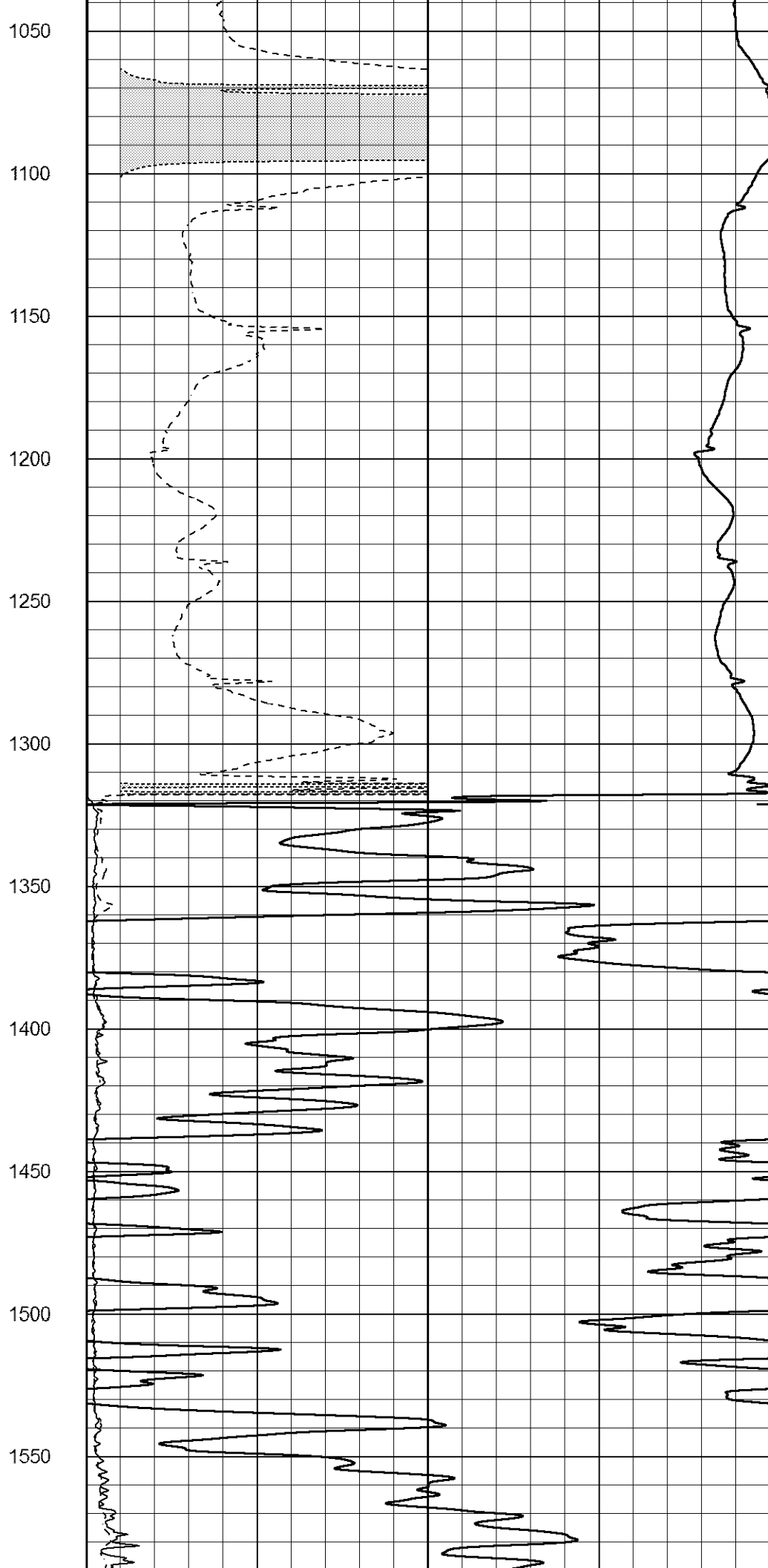
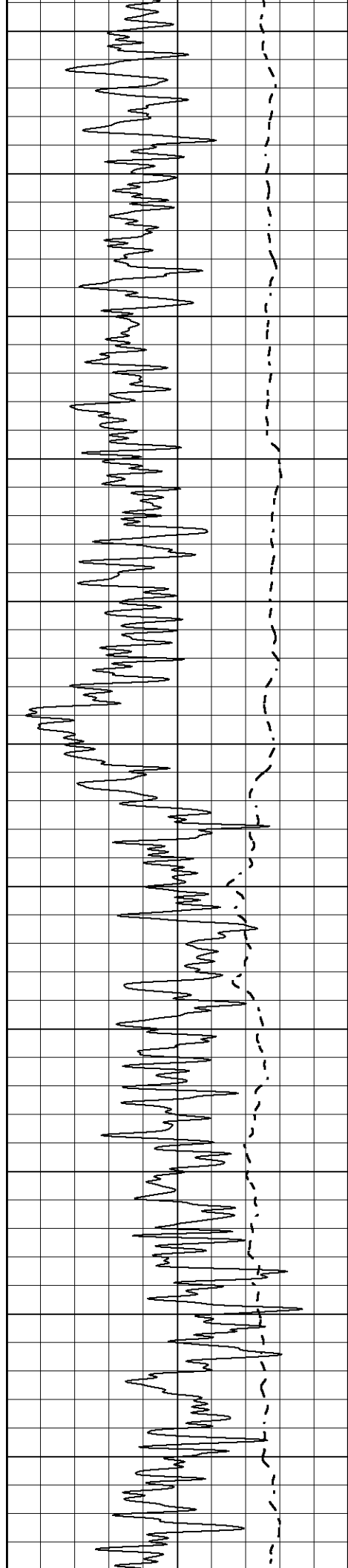
MAIN PASS

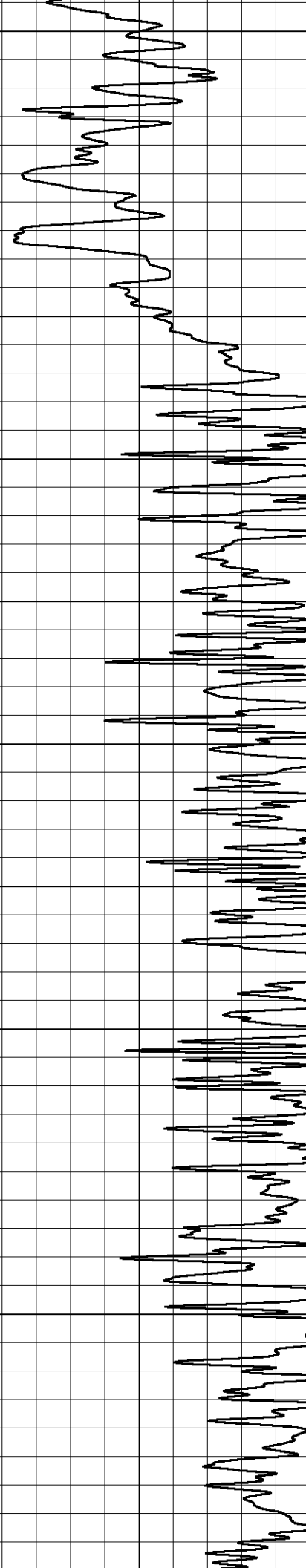
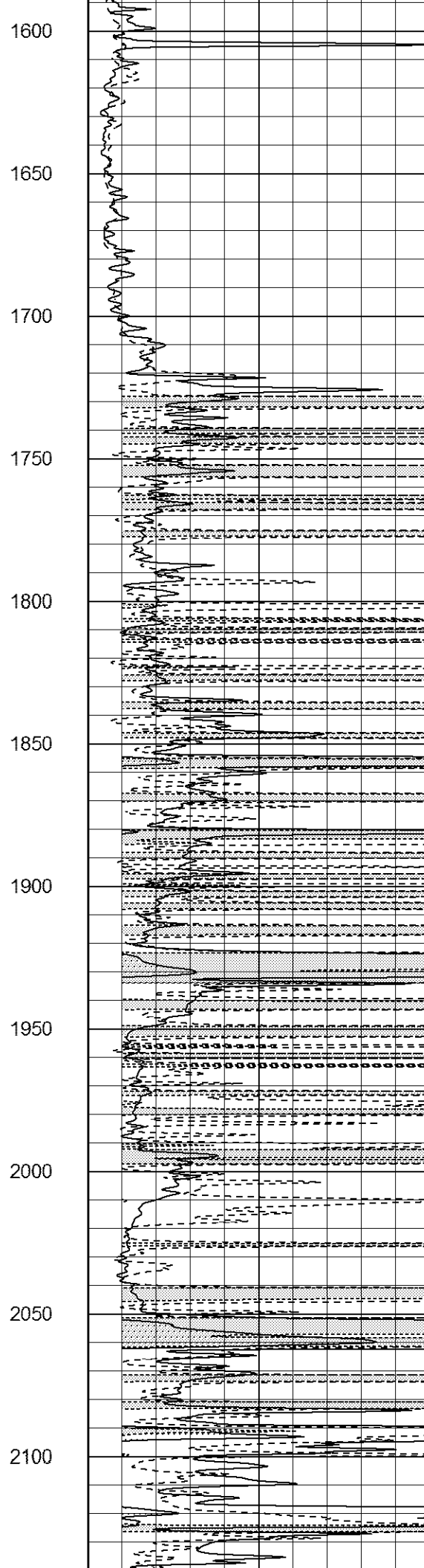
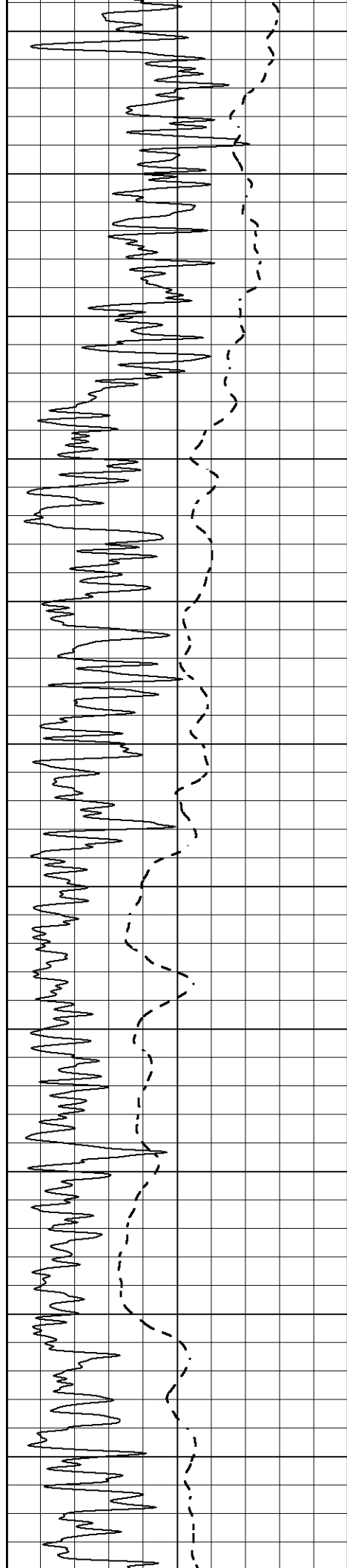
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Presentation Format	_dil2
Dataset Creation	Thu Jun 21 06:41:52 2018
Charted by	Depth in Feet scaled 1:600

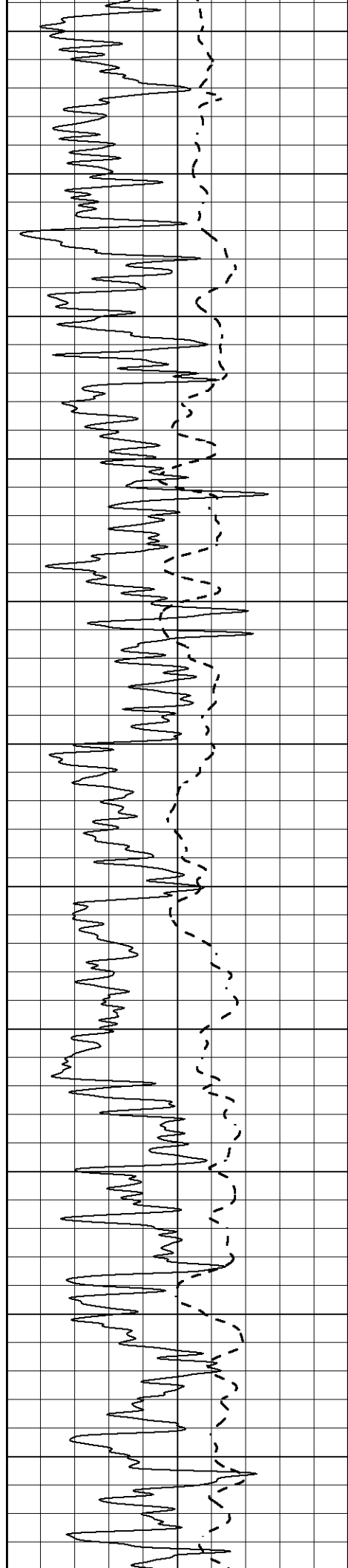
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-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
-----			0	Deep Induction (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500











2150

2200

2250

2300

2350

2400

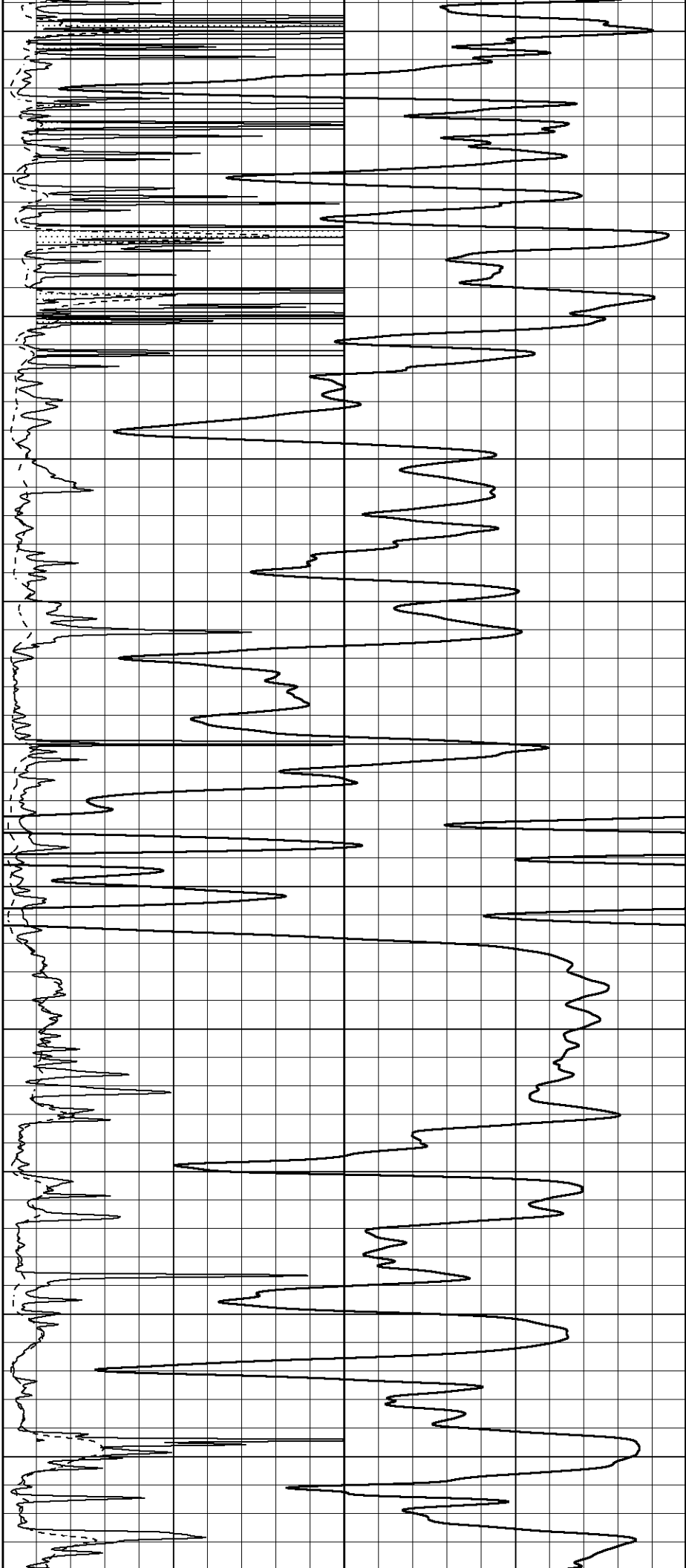
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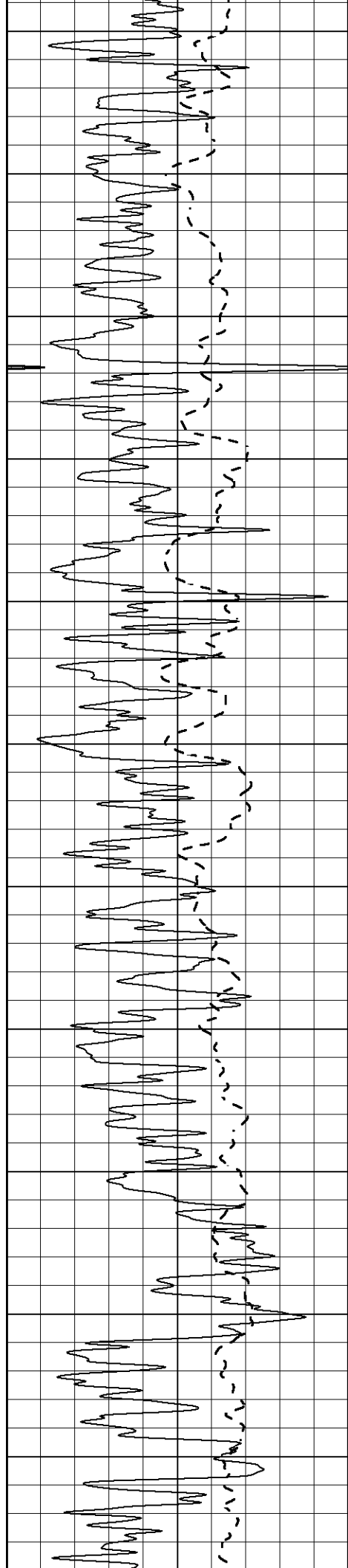
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2600

2650





2700

2750

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2850

2900

2950

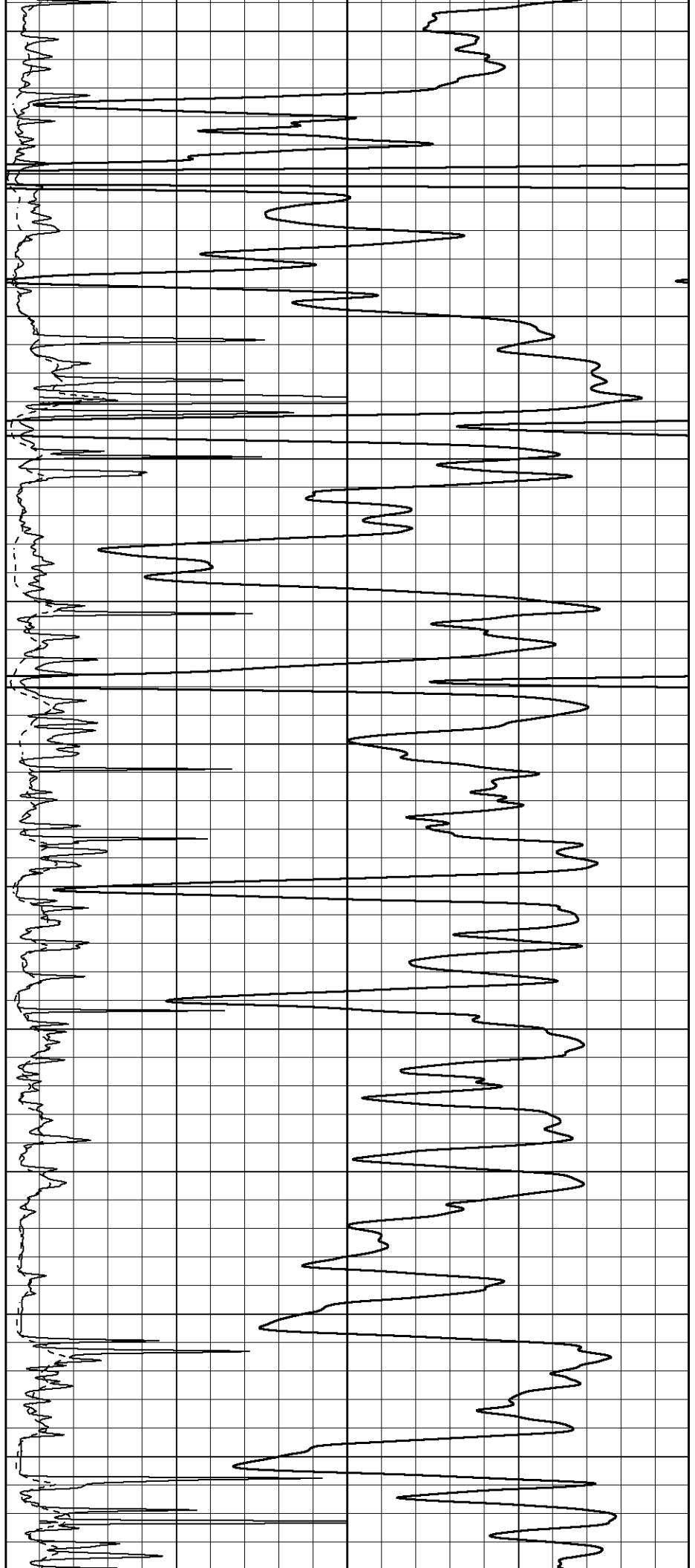
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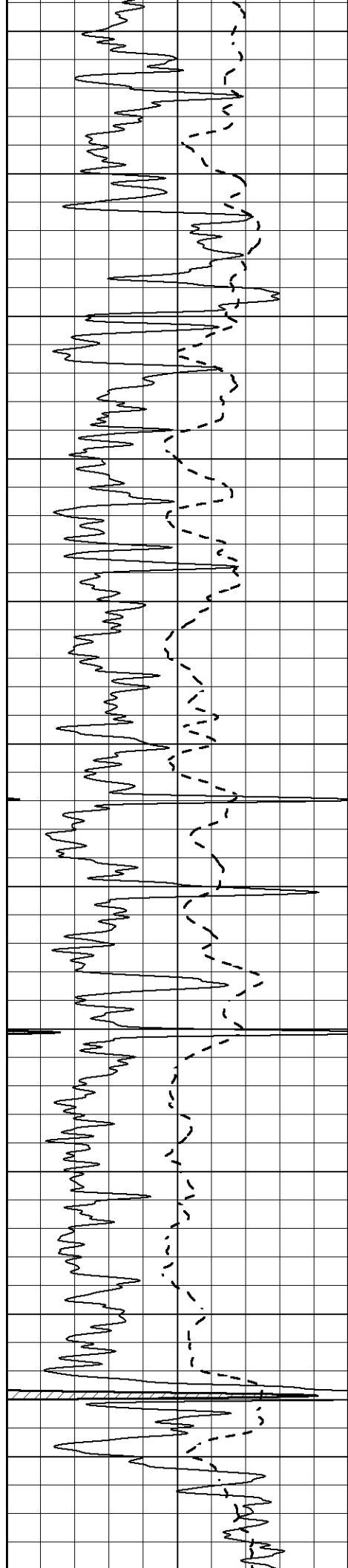
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3450

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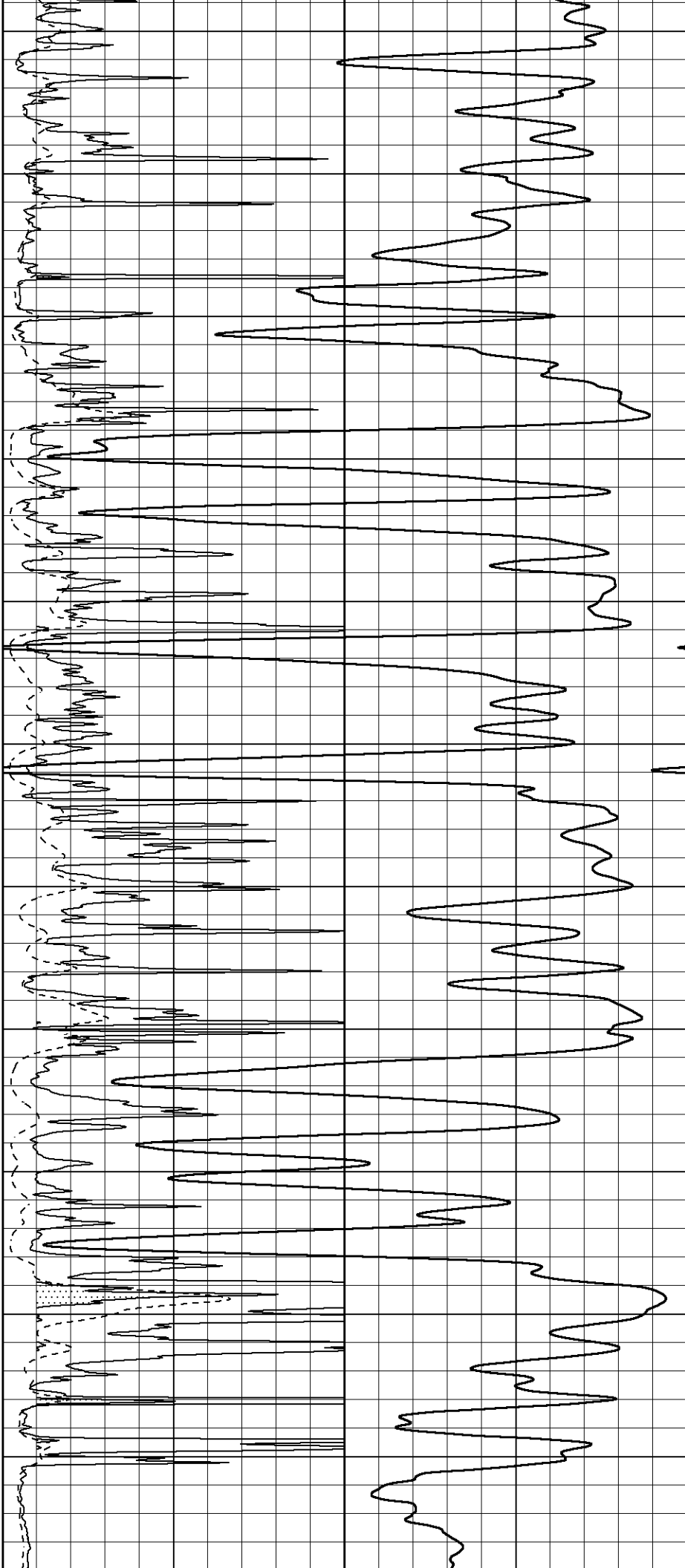
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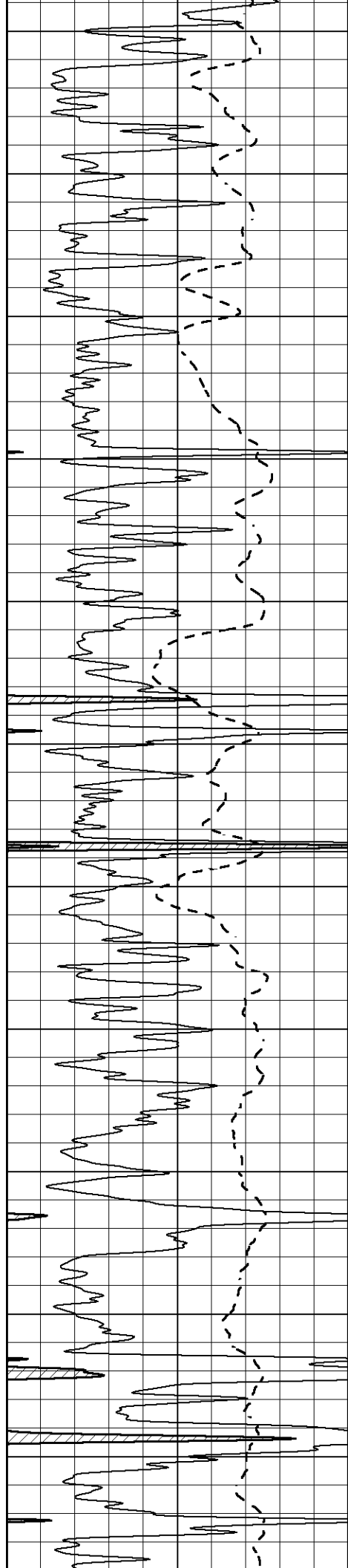
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3700

3750





3800

3850

3900

3950

4000

4050

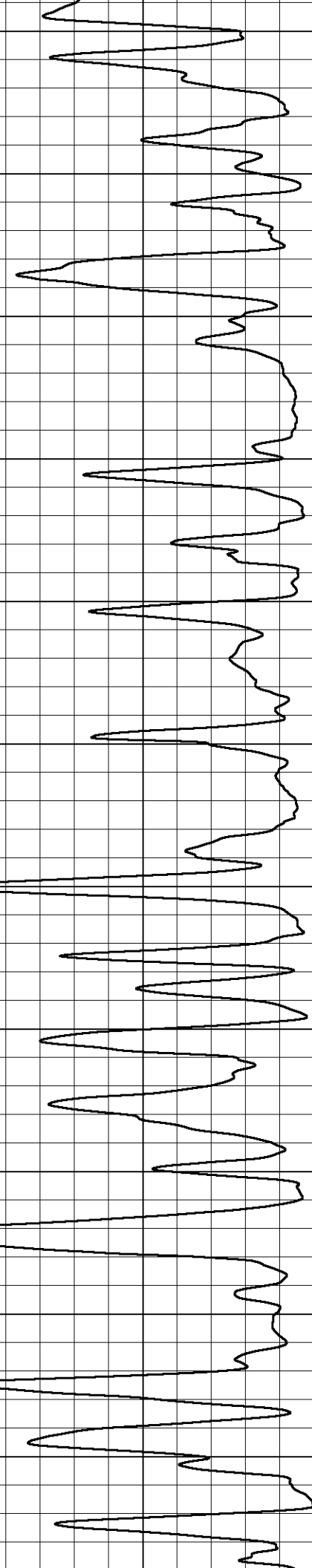
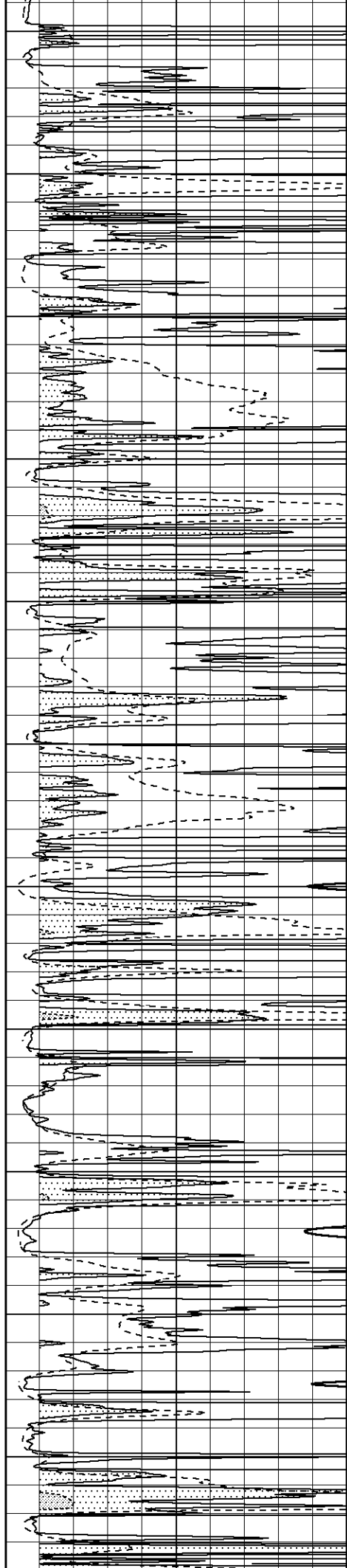
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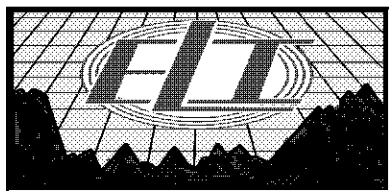
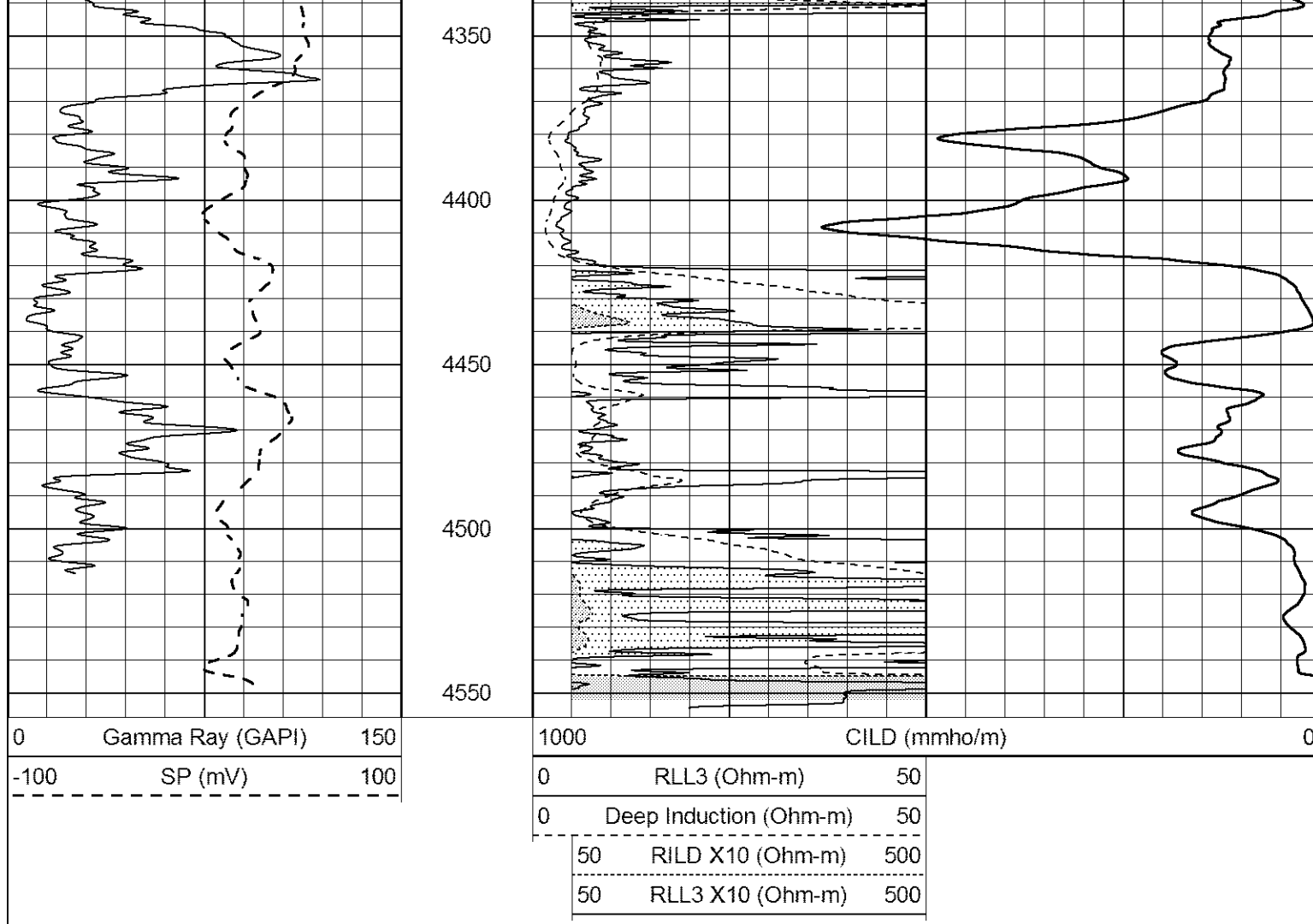
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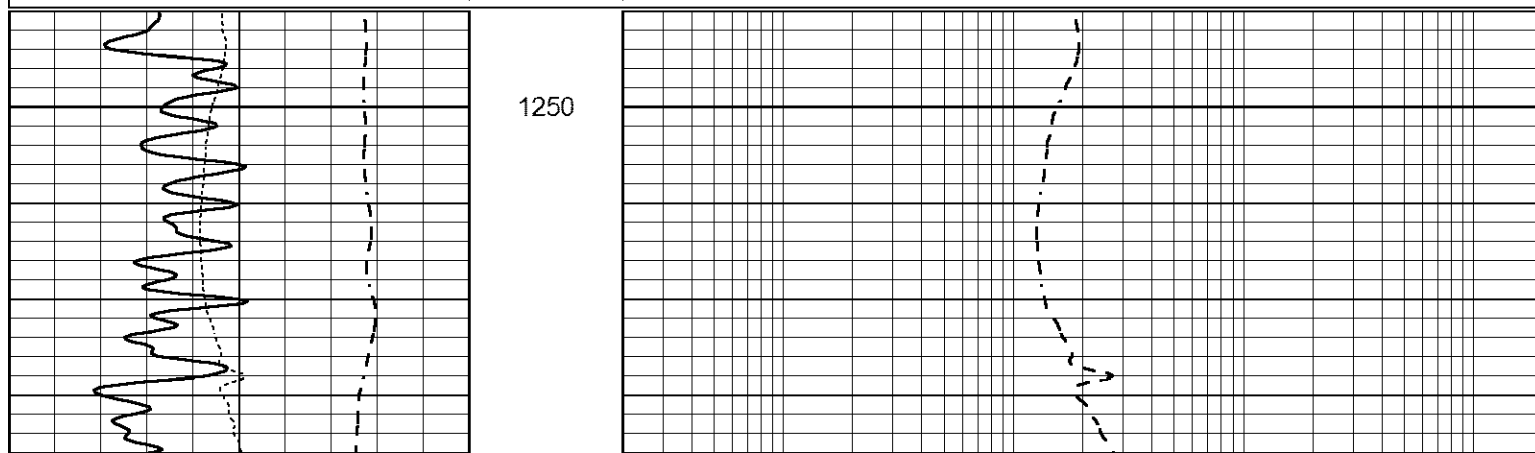


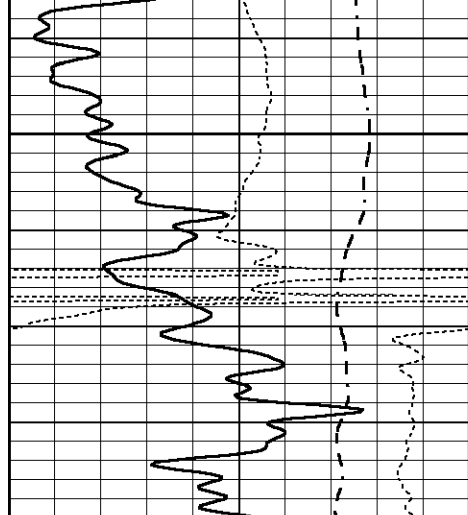


MAIN PASS

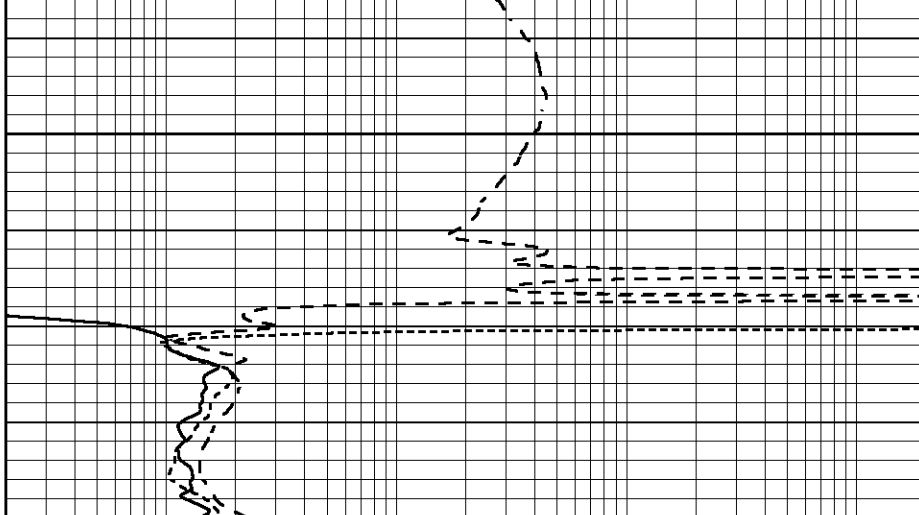
Database File 2509ddn.db
 Dataset Pathname pass5.1
 Presentation Format _dil
 Dataset Creation Thu Jun 21 06:41:52 2018
 Charted by Depth in Feet scaled 1:240

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



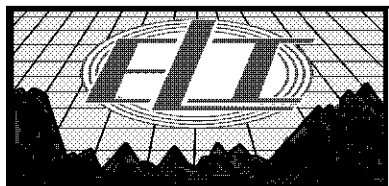


1300



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

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

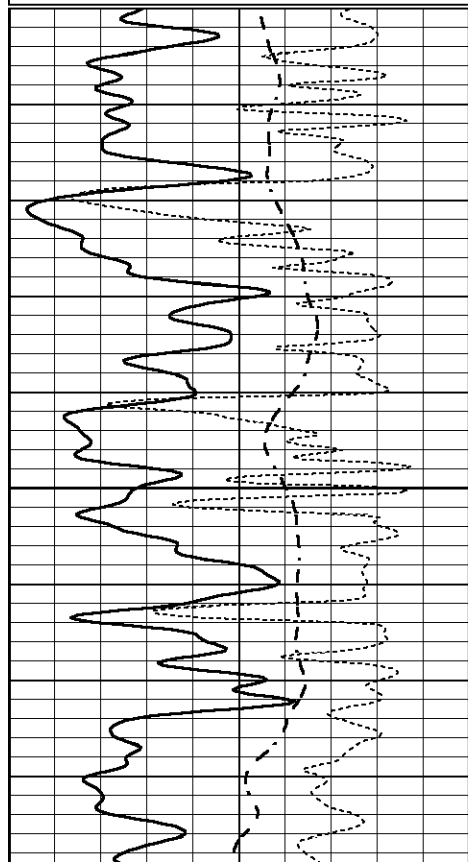


MAIN PASS

Database File 2509ddn.db
 Dataset Pathname pass5.1
 Presentation Format _dil
 Dataset Creation Thu Jun 21 06:41:52 2018
 Charted by Depth in Feet scaled 1:240

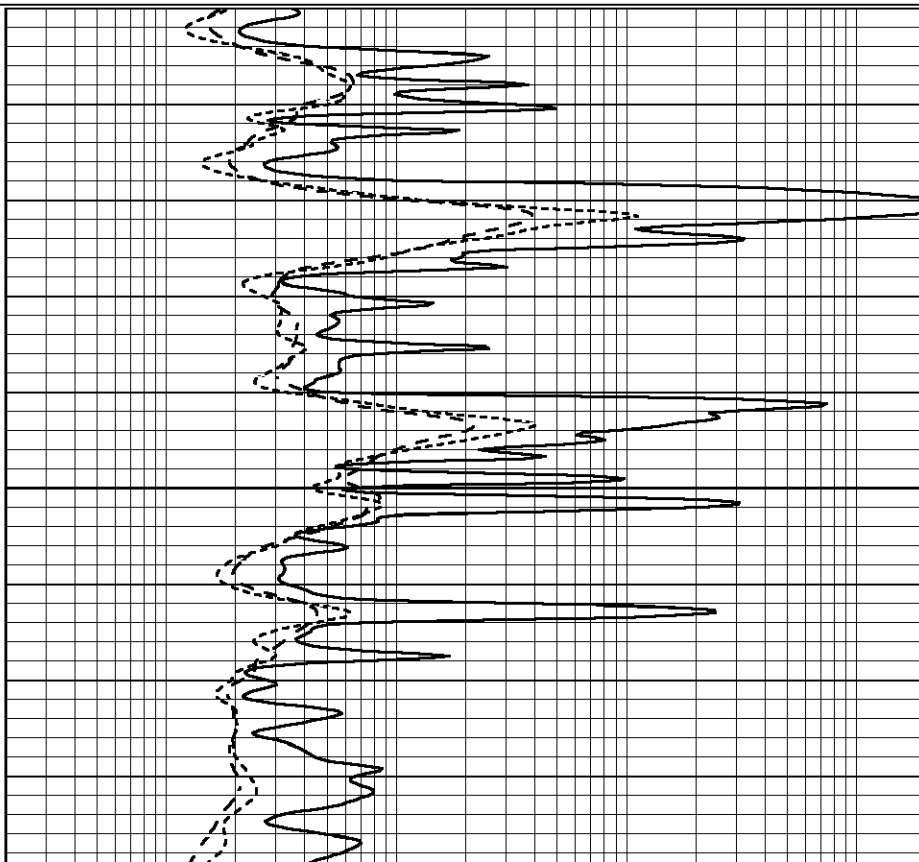
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-100	SP (mV)	100

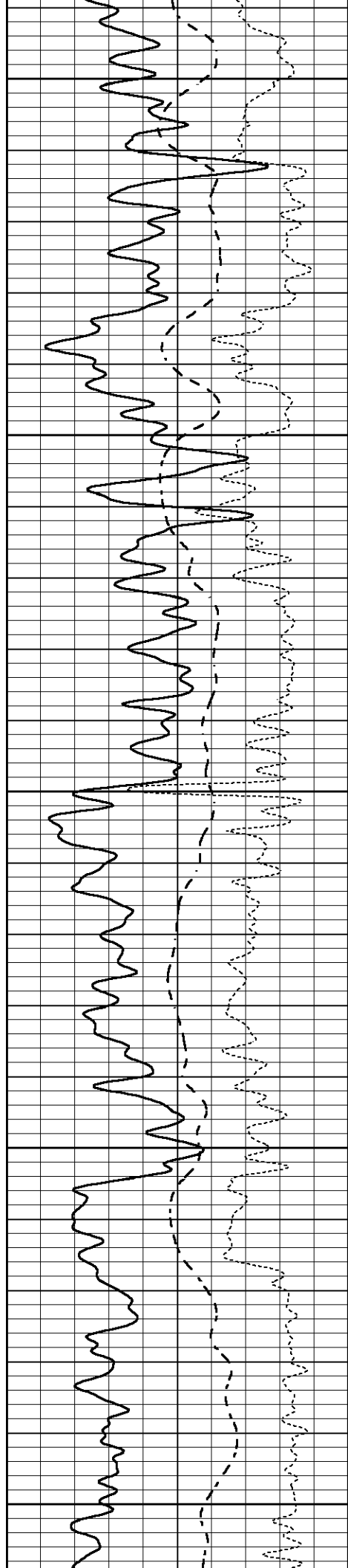
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000



2200

2250





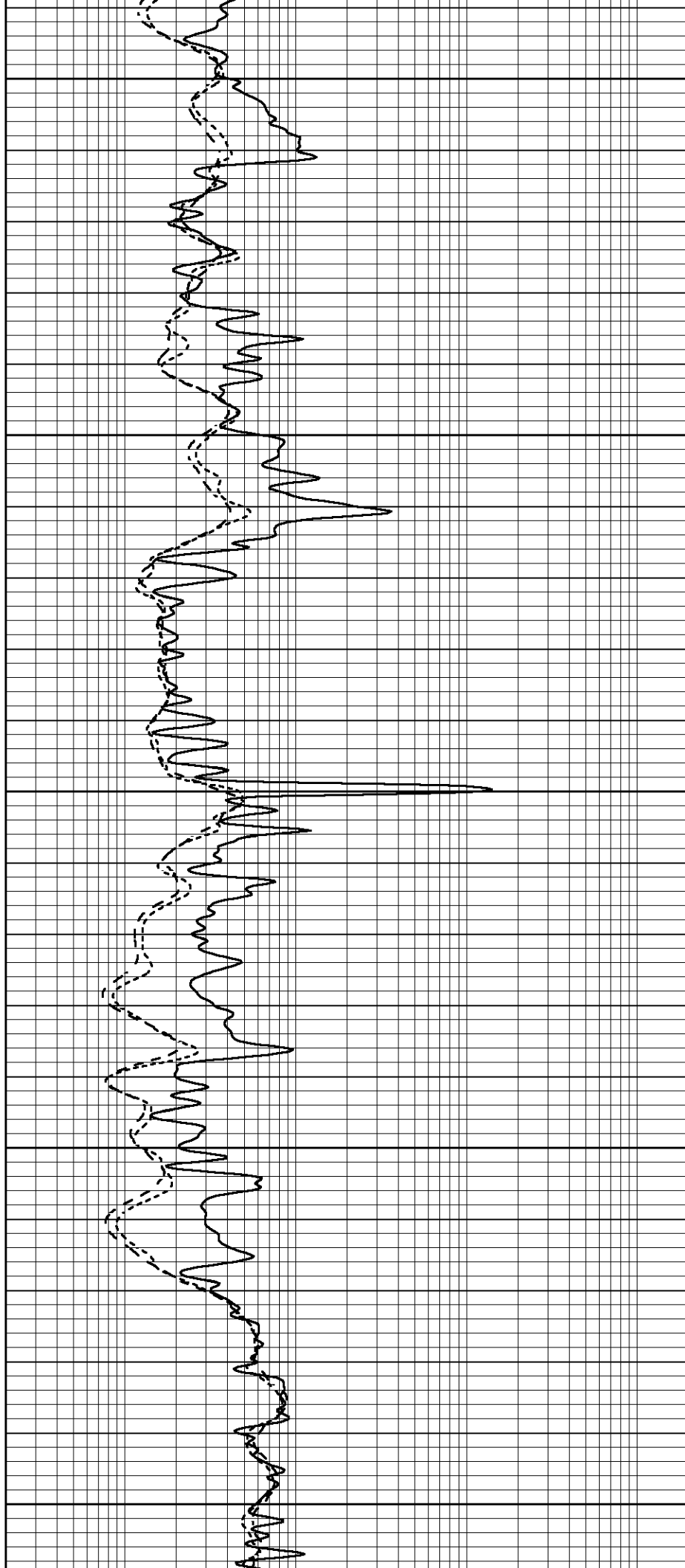
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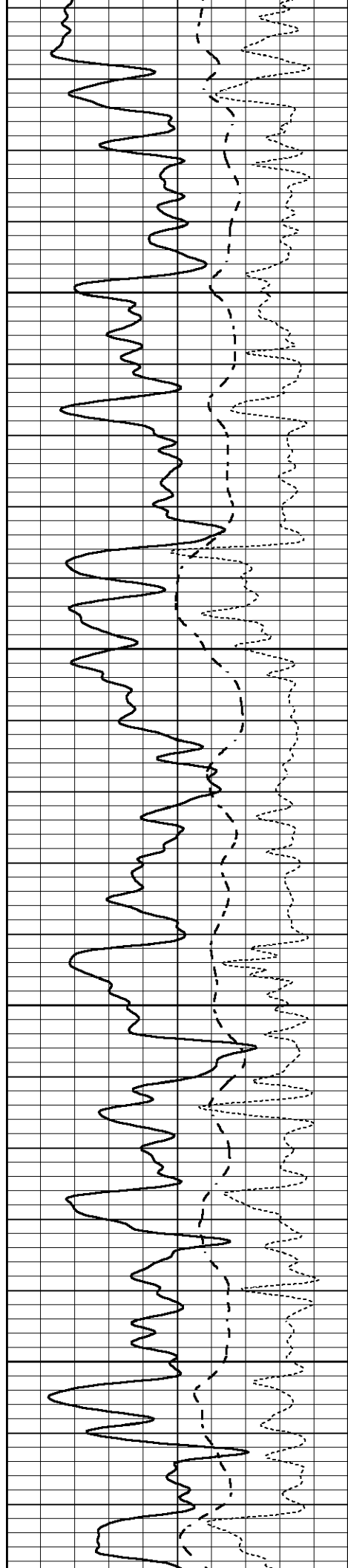
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2450

2500



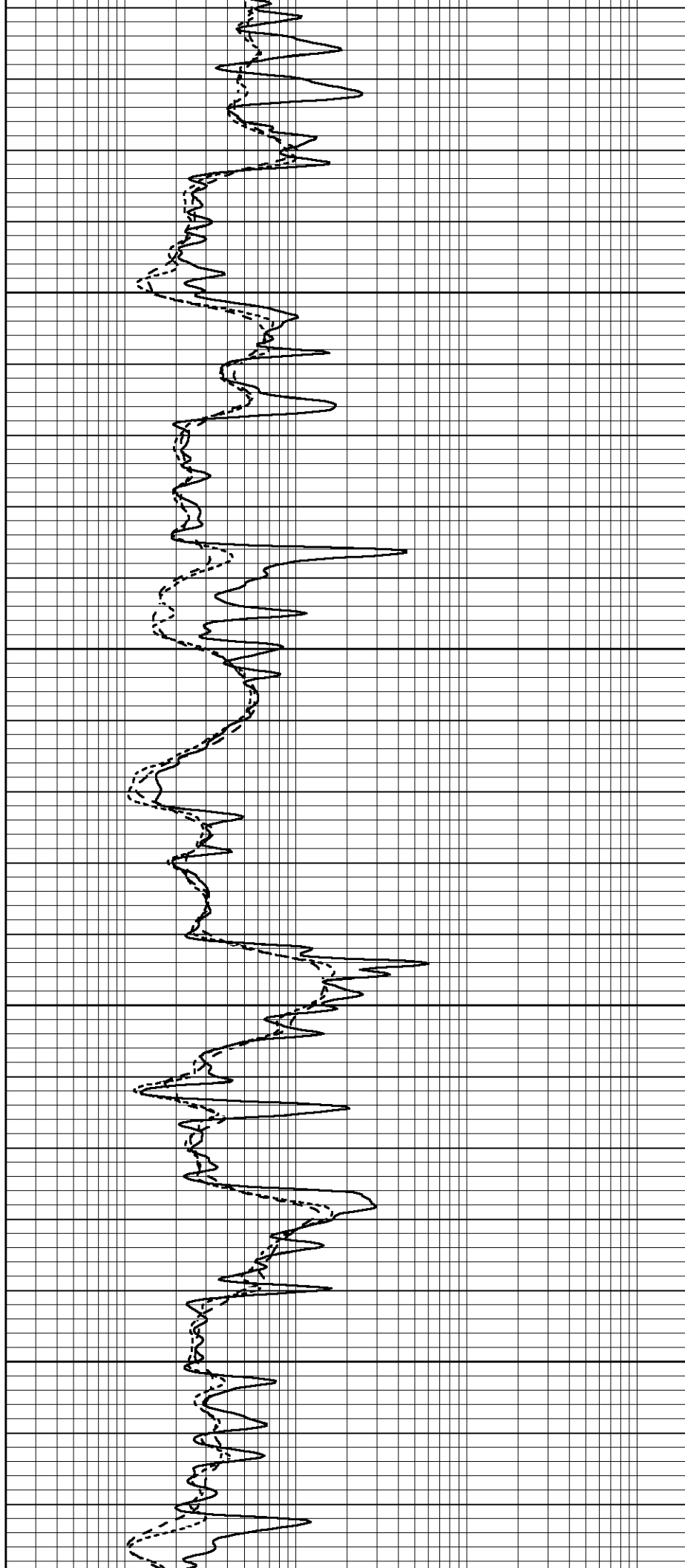


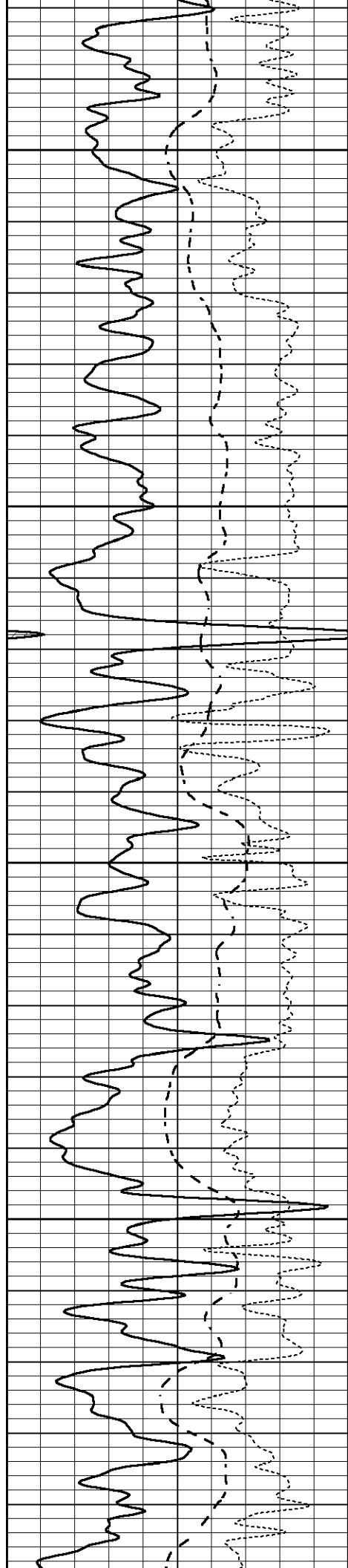
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2700



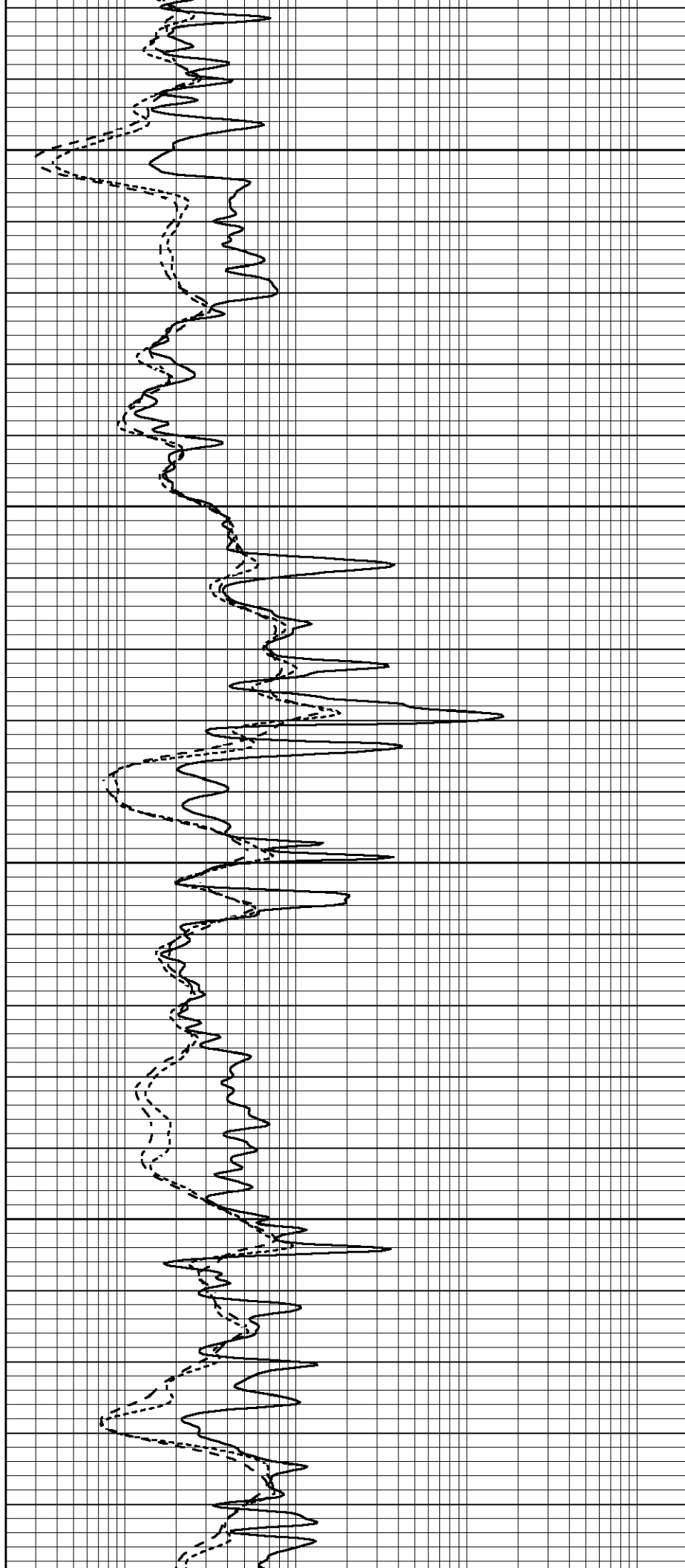


2750

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2850

2900



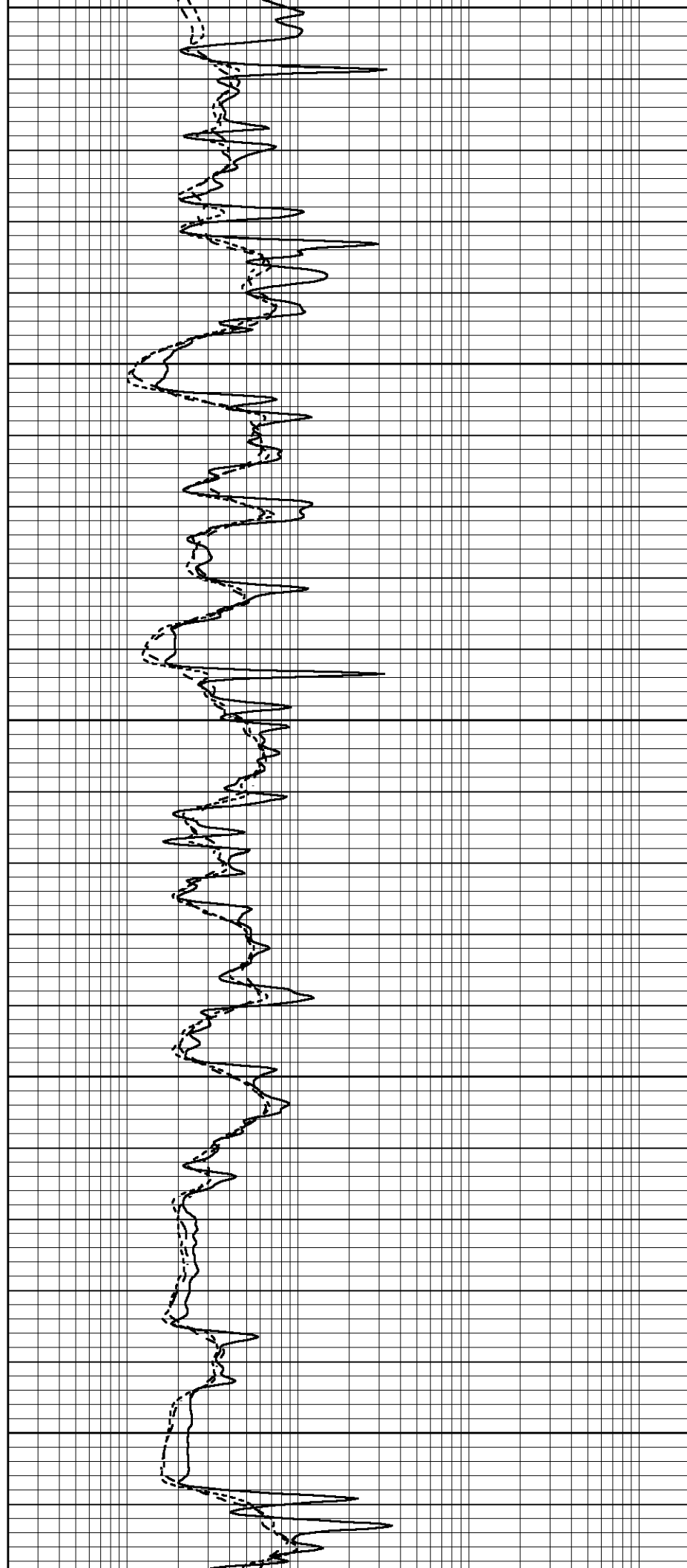
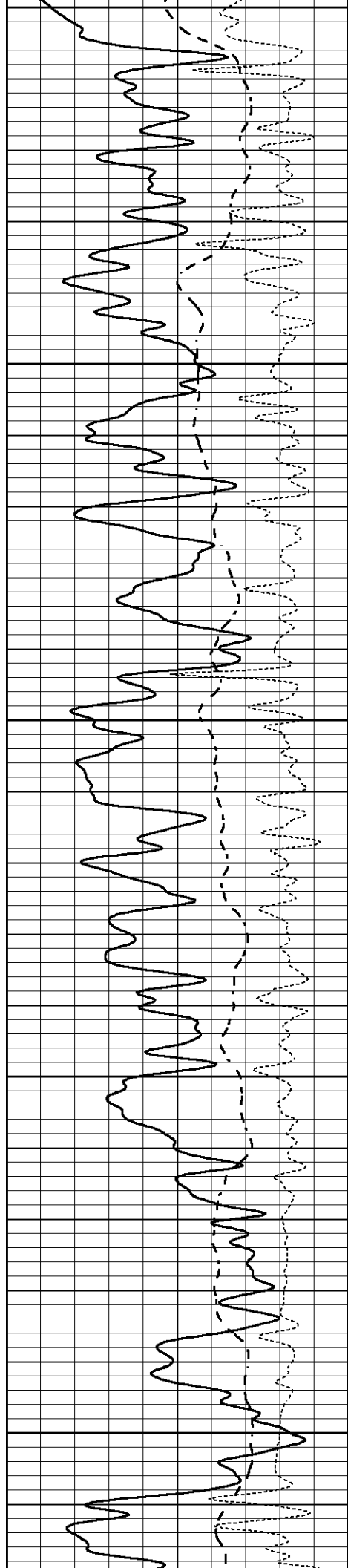
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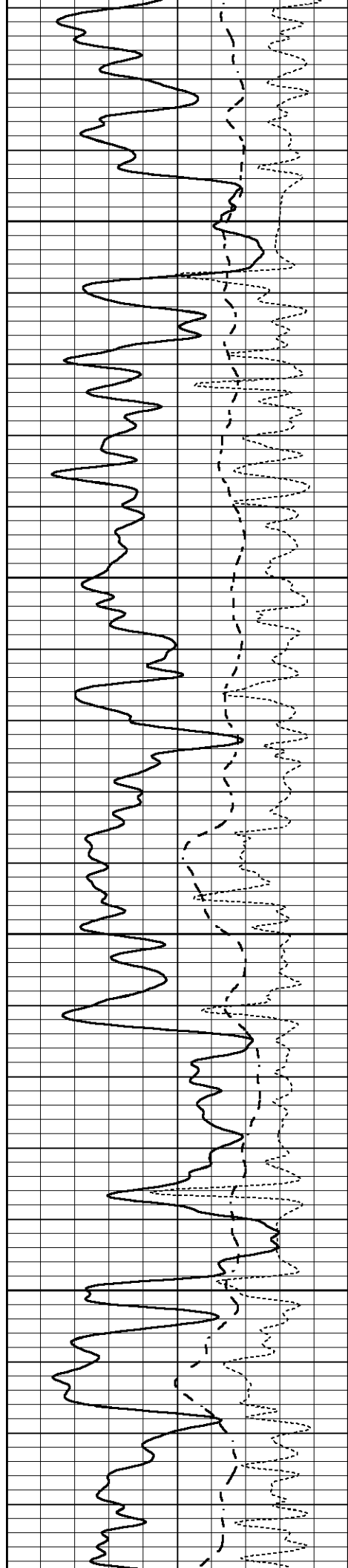
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3150



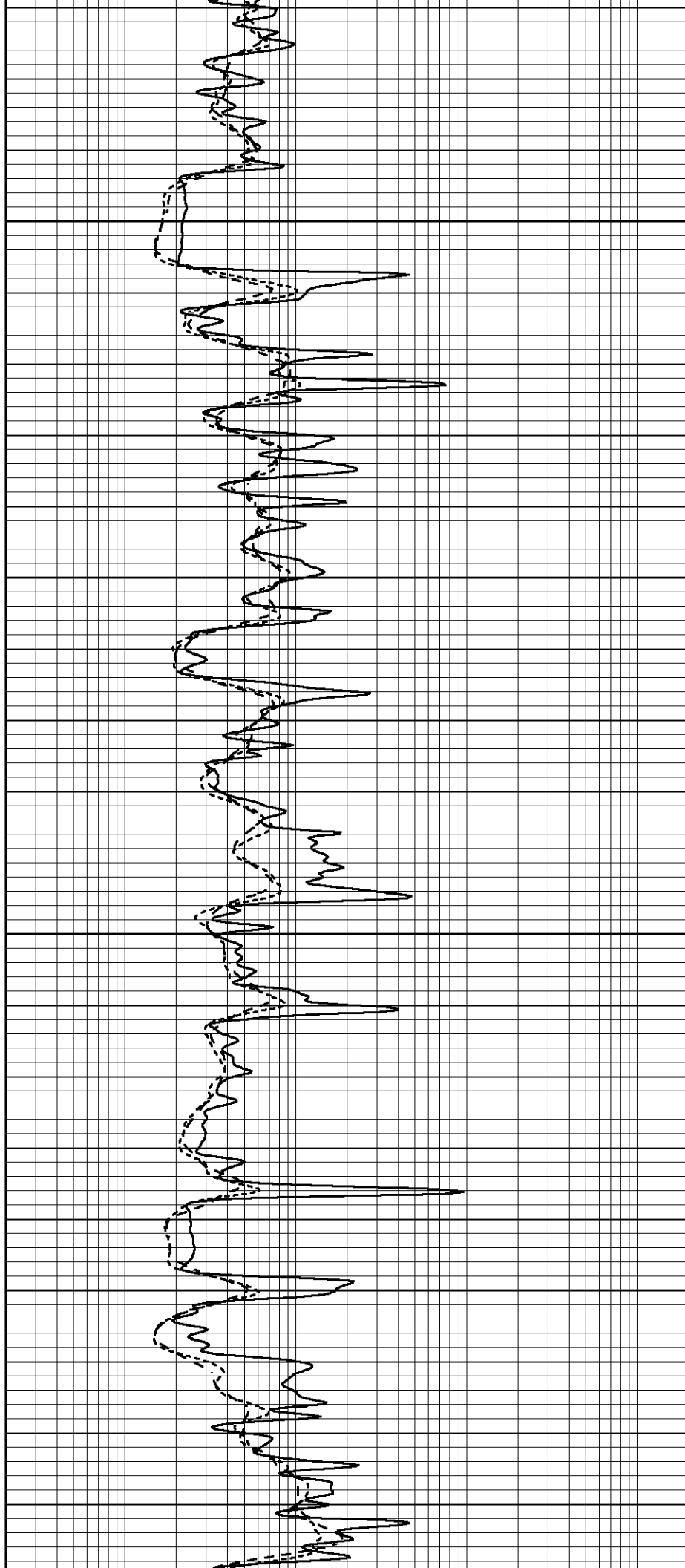


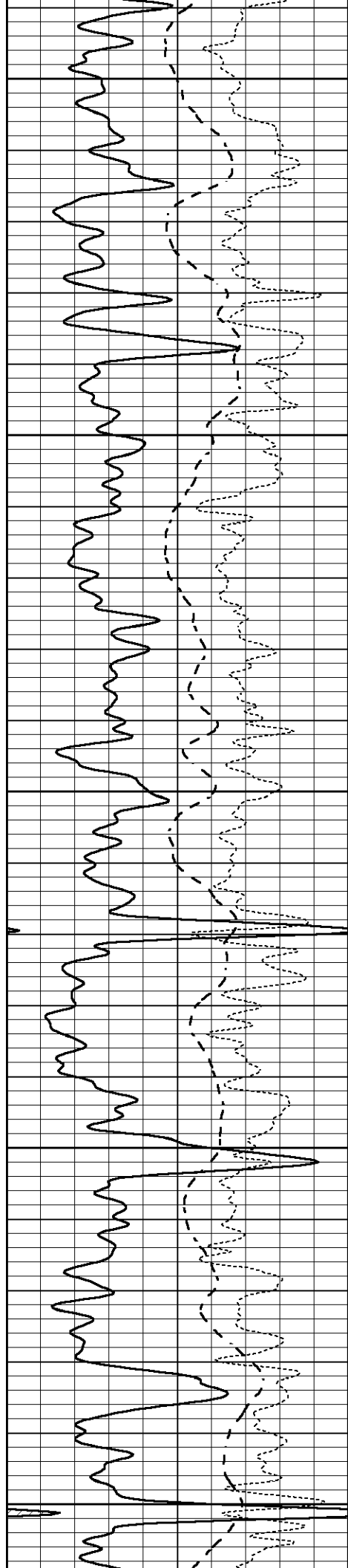
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3300

3350





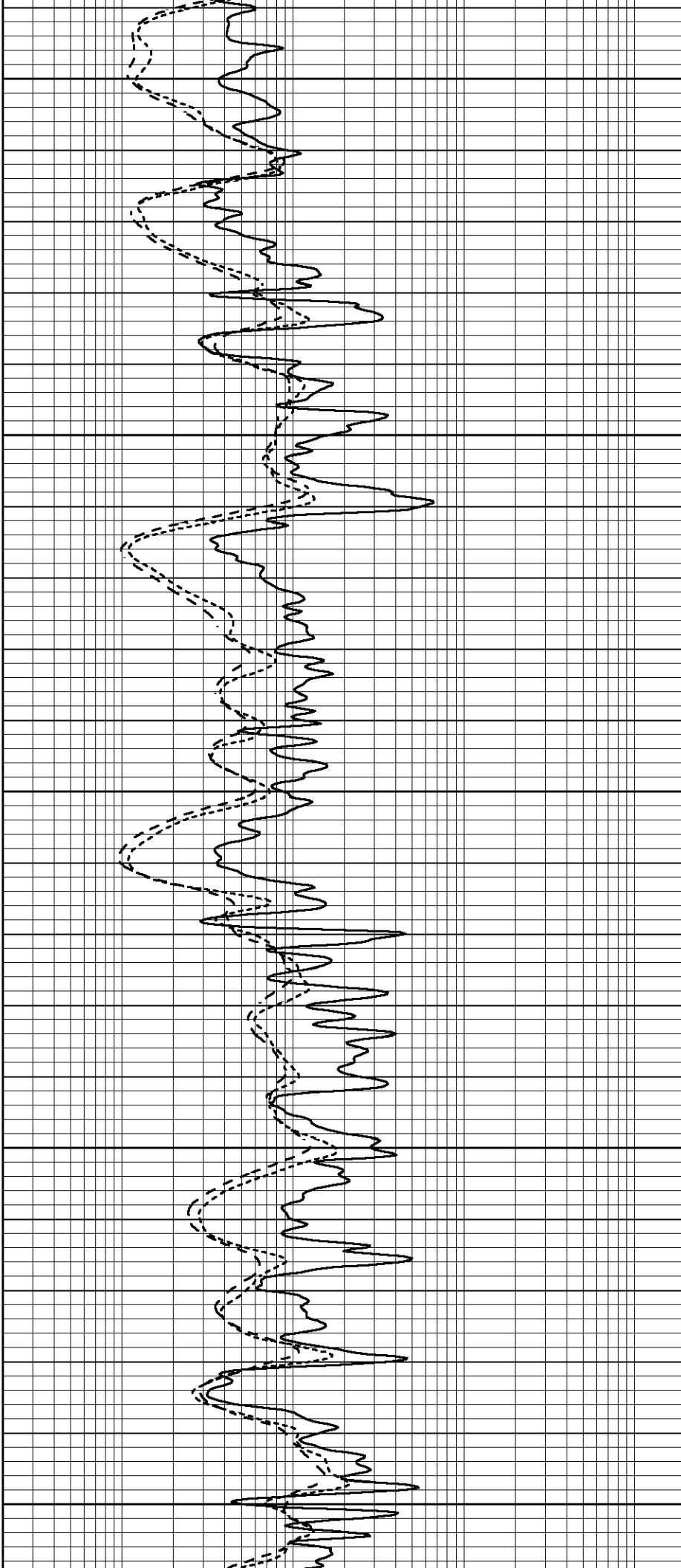
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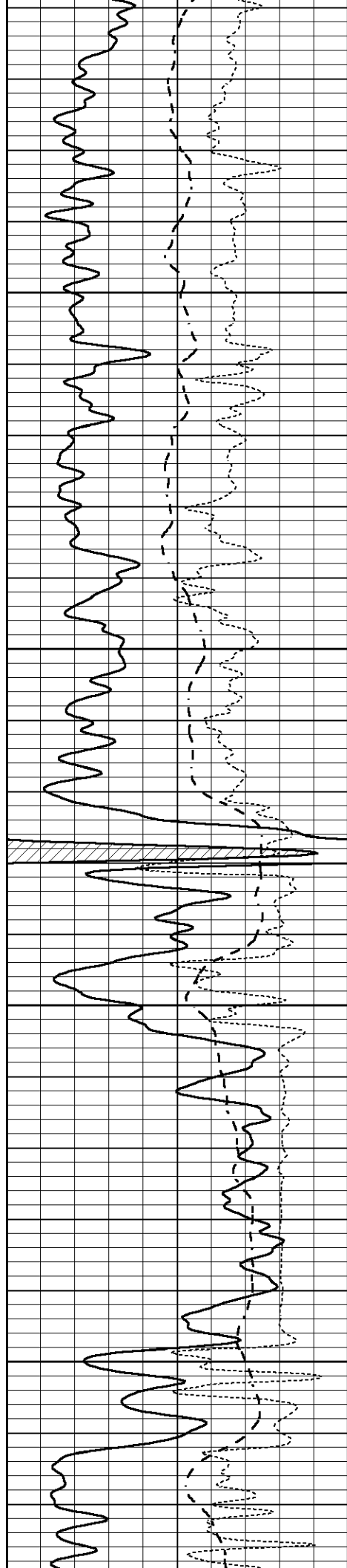
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3600



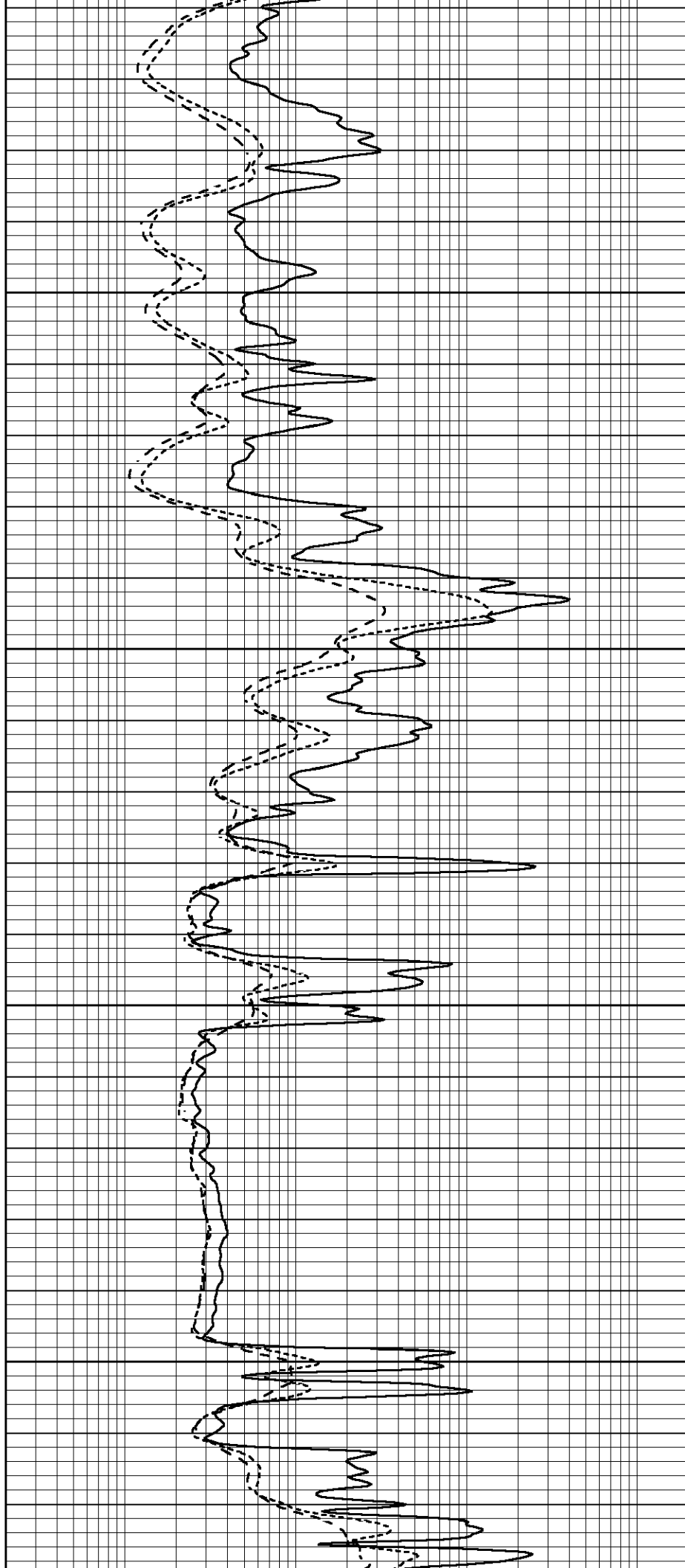


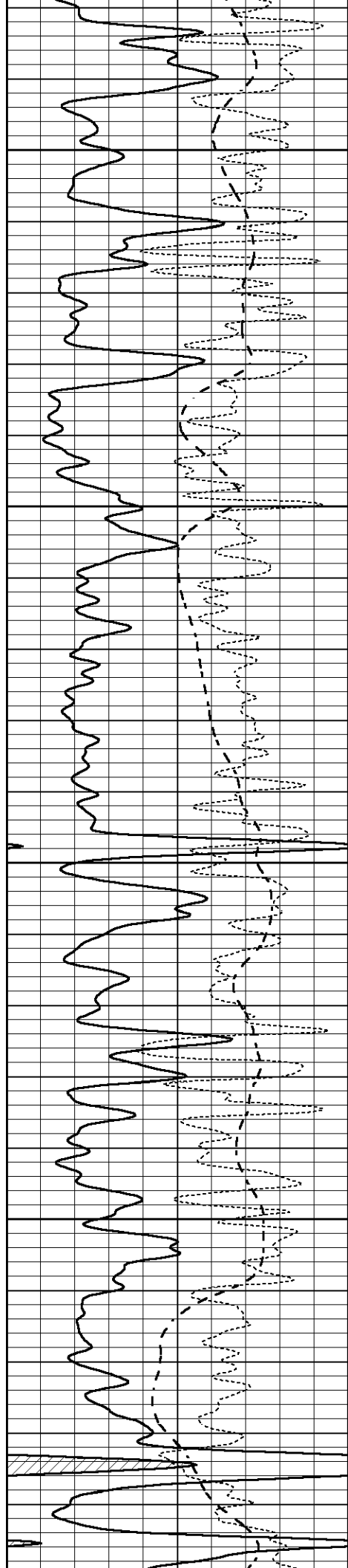
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3750

3800



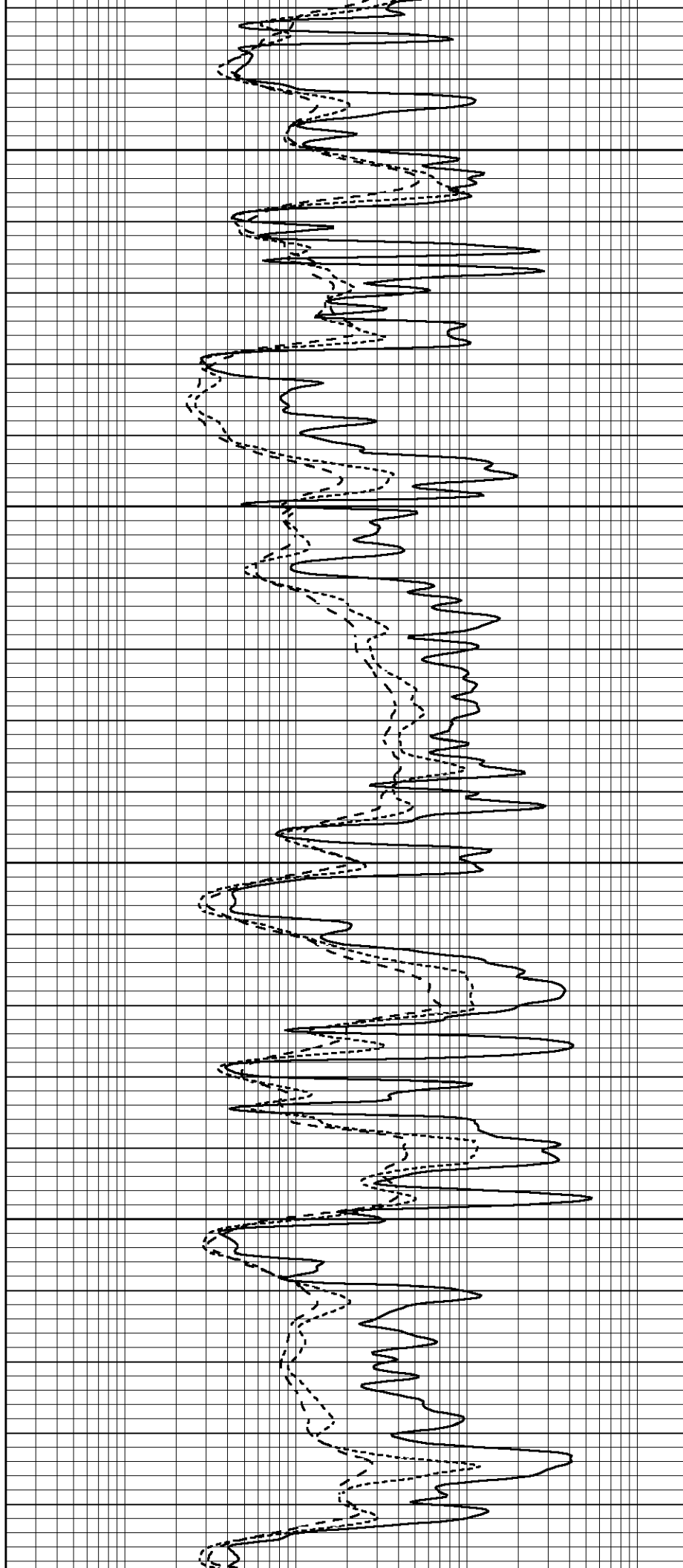


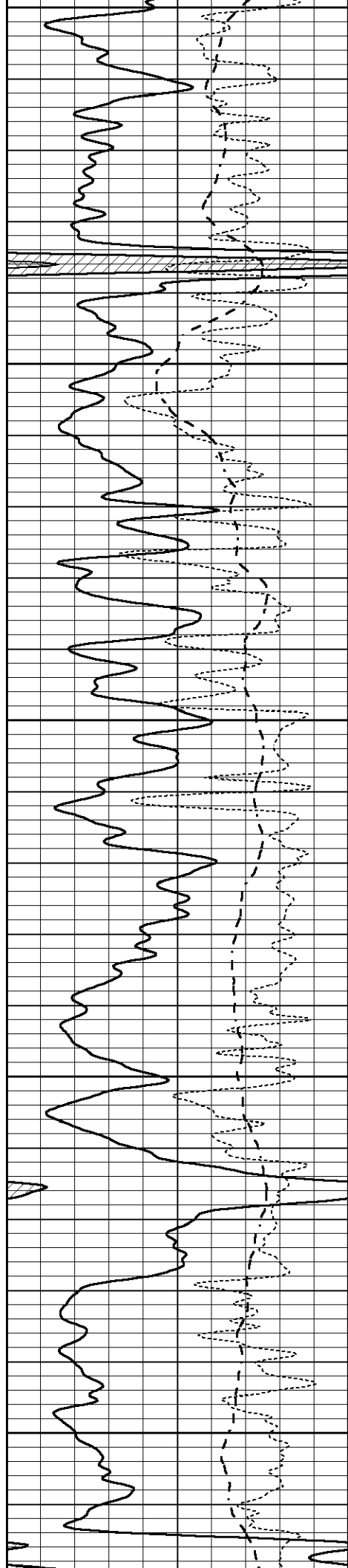
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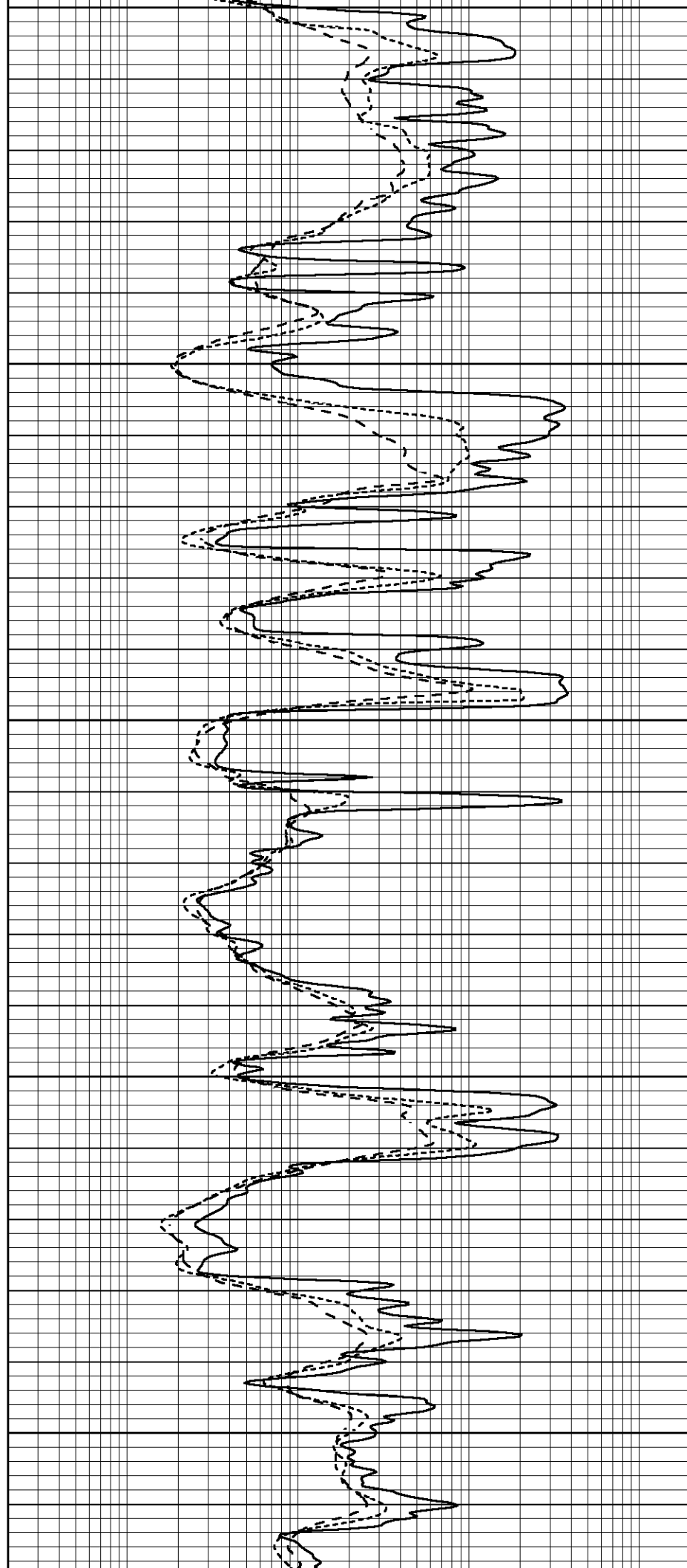
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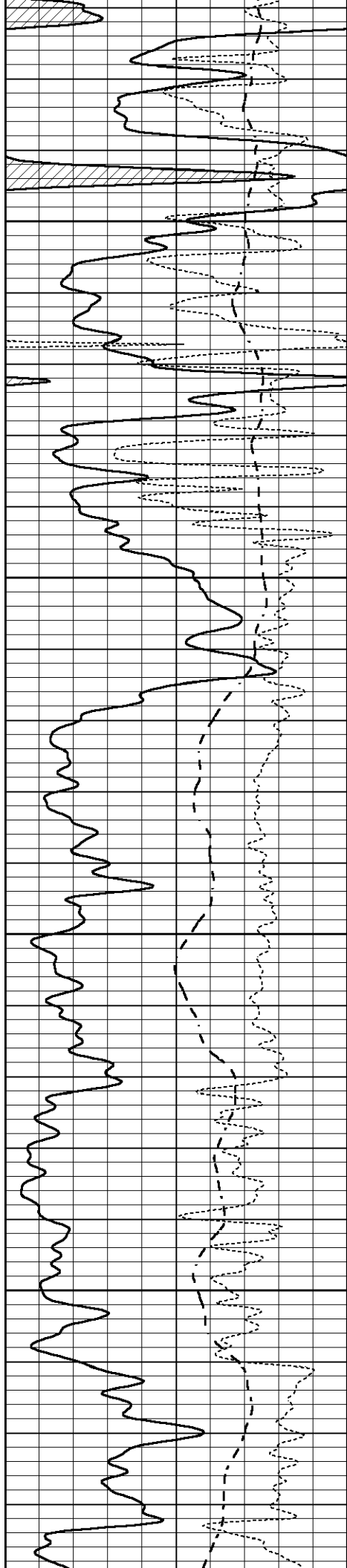
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4150

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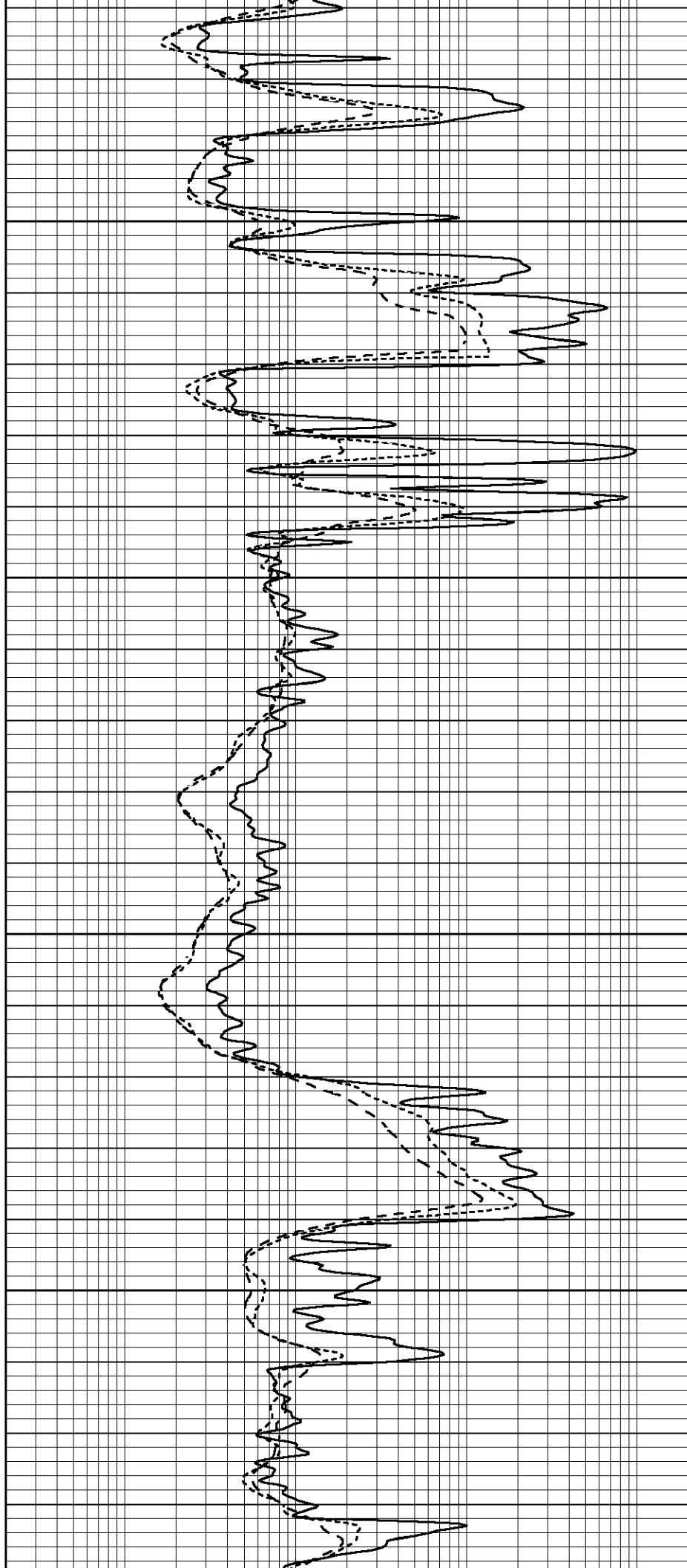


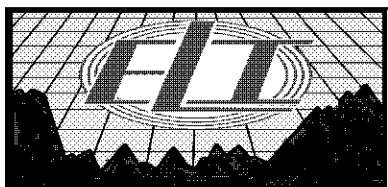
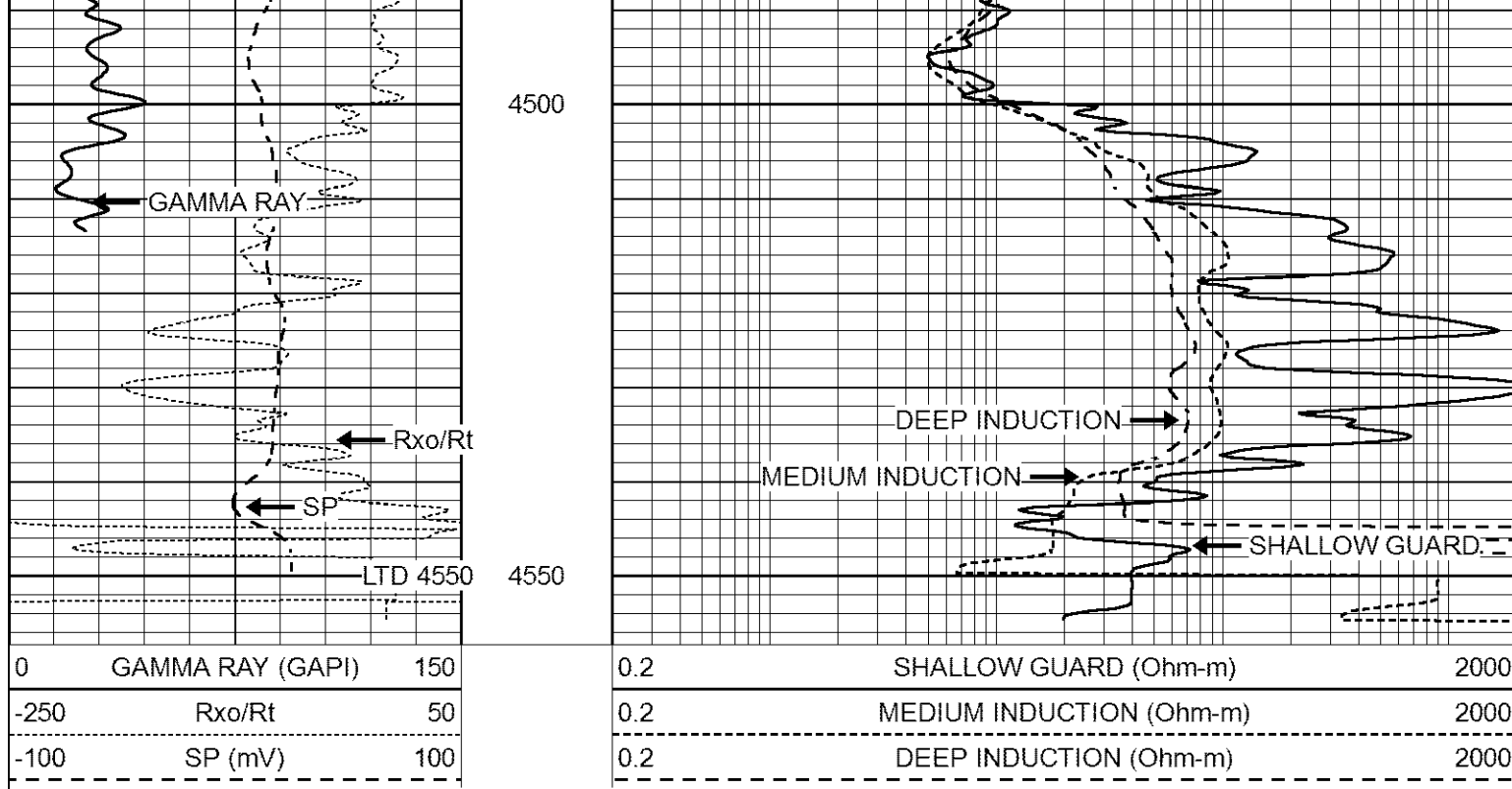
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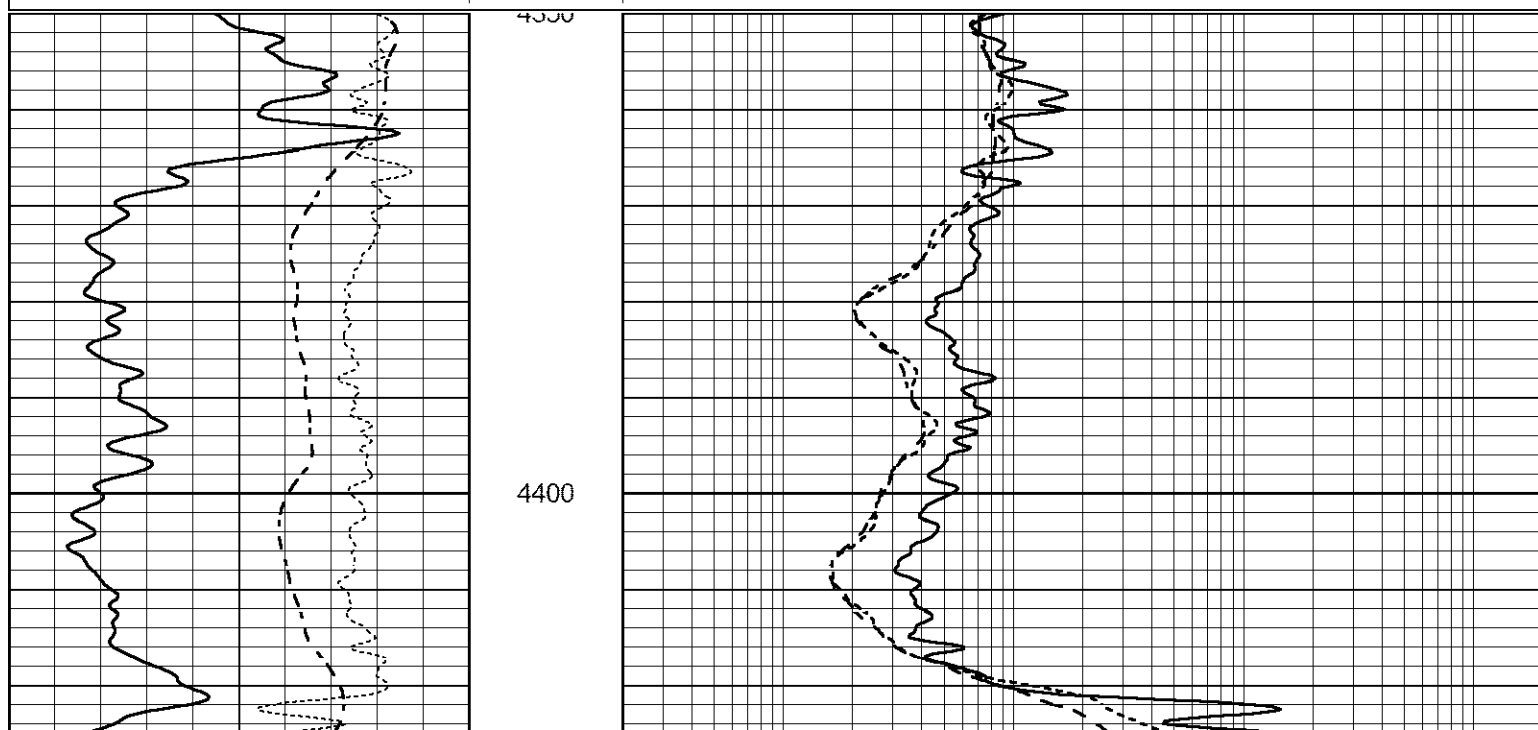


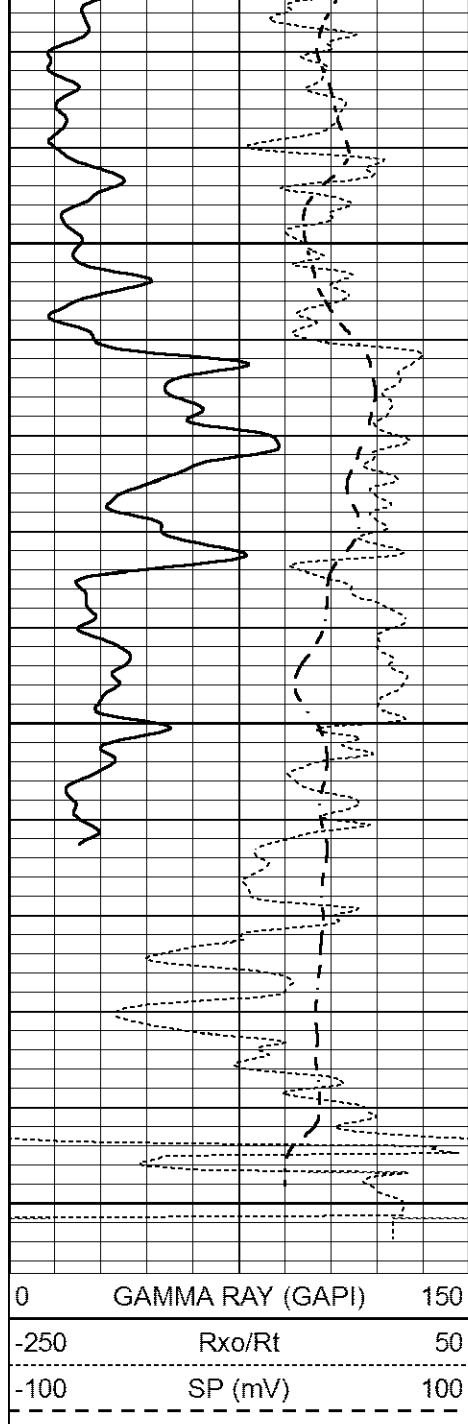


REPEAT SECTION

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-250	Rxo/Rt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000
-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000





4450

4500

4550

