



**SUPERIOR
Hays,
Kansas**

**DUAL
INDUCTION
LOG**

Company	VINCENT OIL CORPORATION		
Well	BLEUMER #1-4		
Field	WILDCAT		
County	FORD	State	KANSAS
Location:	API # : 15-057-20690		Other Services CDL/CNL/PE SONIC/MICRO
SEC 4 TWP 26S RGE 24W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2546
Log Measured From	KELLY BUSHING 12' A.G.L.	D.F.	
Drilling Measured From	KELLY BUSHING	G.L.	2546
Date	7-24-10		
Run Number	ONE		
Depth Driller	5200		
Depth Logger	5199		
Bottom Logged Interval	5197		
Top Log Interval	00		
Casing Driller	313		
Casing Logger	312		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.35 / 61		
pH / Fluid Loss	9.5 / 8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.65 @ 94F		
Rmf @ Meas. Temp	0.49 @ 94F		
Rmc @ Meas. Temp	0.78 @ 94F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.480 @ 127F		
Time Circulation Stopped	6 HOURS		
Time Logger on Bottom	3.45 P.M.		
Maximum Recorded Temperature	127F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	JIM HALL		

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: WRIGHT & #56, W TO RD. #115, 1W, 1N, 1W, 1.4E, S INTO.



**SUPERIOR
Hays,
Kansas**

MAIN SECTION

Database File: 005630pdn.db
 Dataset Pathname: pass4.1A
 Presentation Format: dil2
 Dataset Creation: Sat Jul 24 18:13:05 2010
 Charted by: Depth in Feet scaled 1:600

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

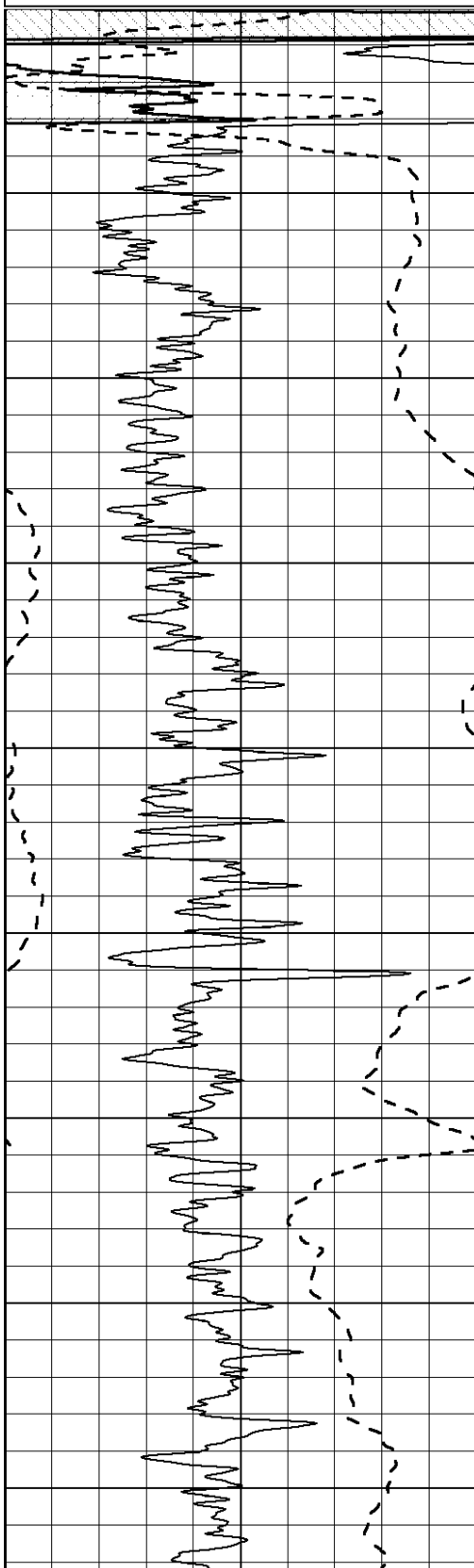
0 RLL3 (Ohm-m) 50

0 Deep Induction (Ohm-m) 50

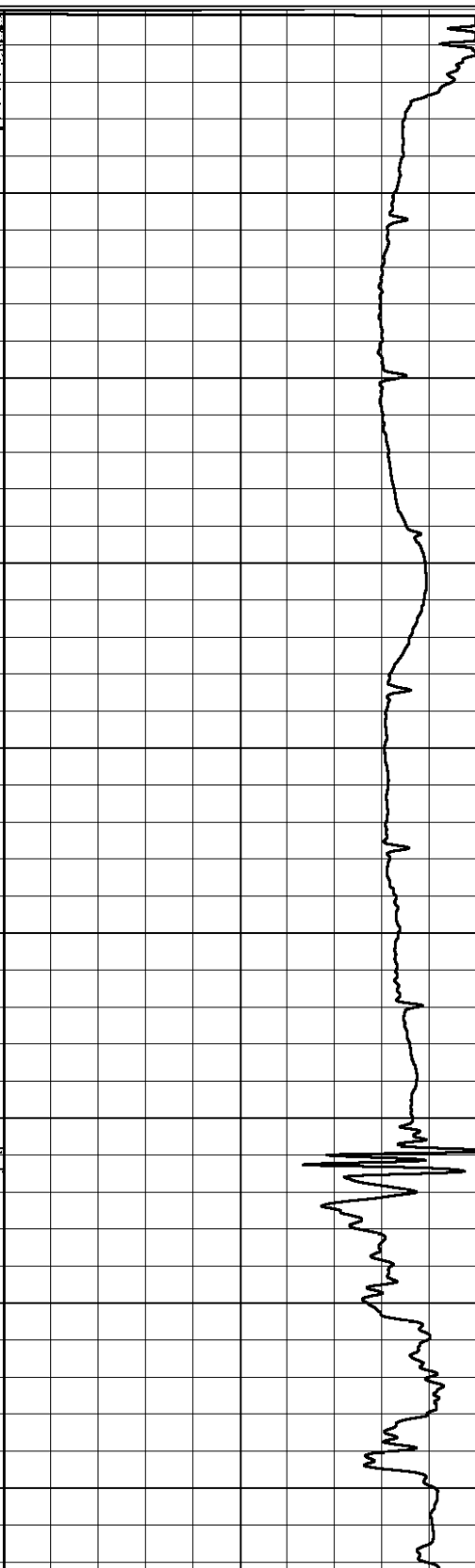
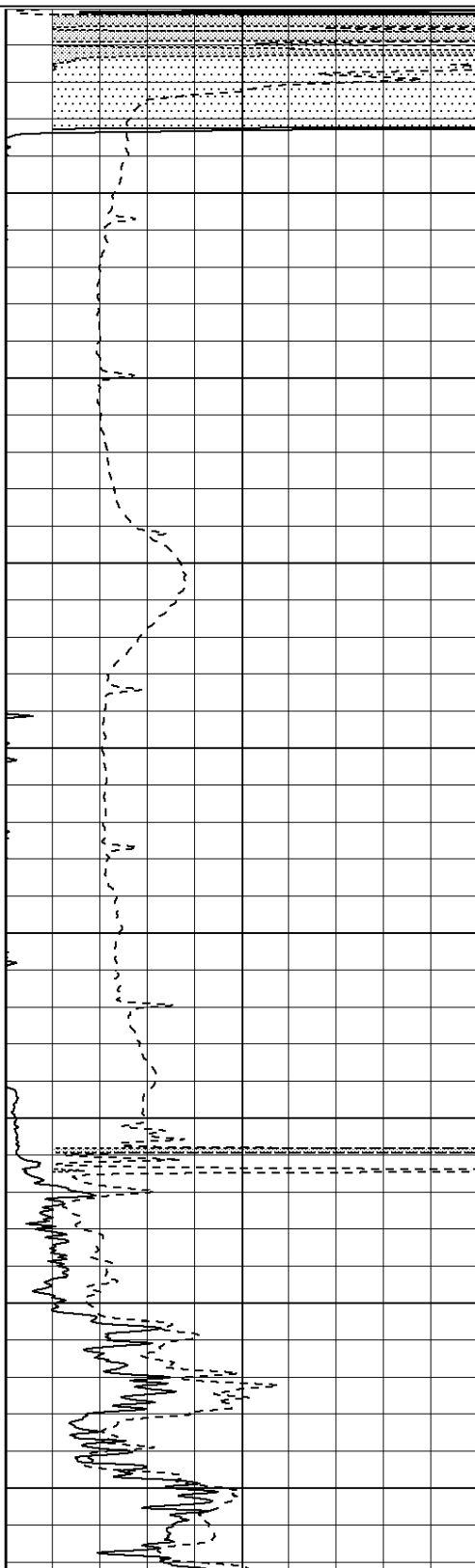
1000 CILD (mmho/m) 0

50 RILD X10 (Ohm-m) 500

50 RLL3 X10 (Ohm-m) 500



0
50
100
150
200
250
300
350
400



450

500

550

600

650

700

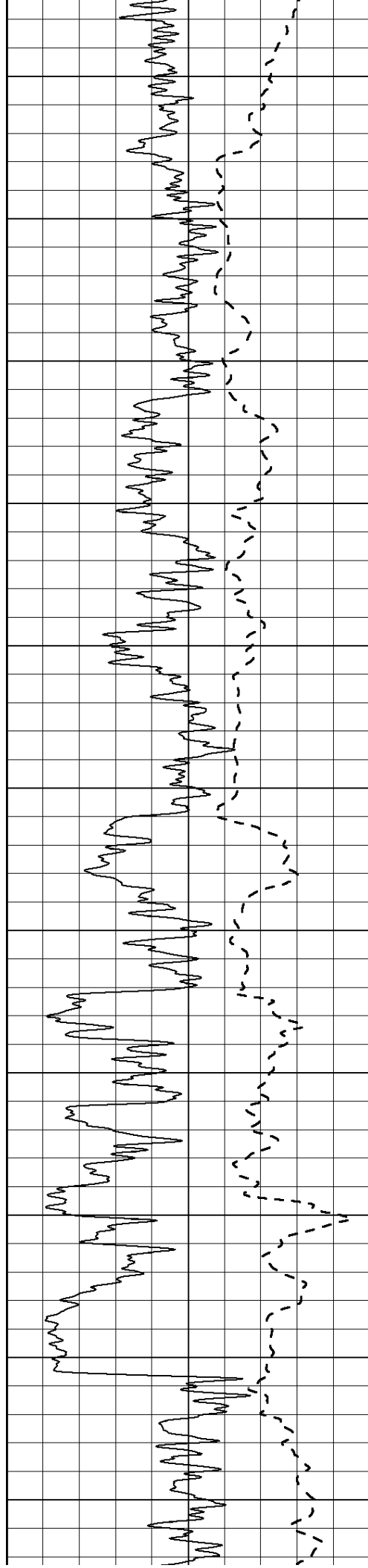
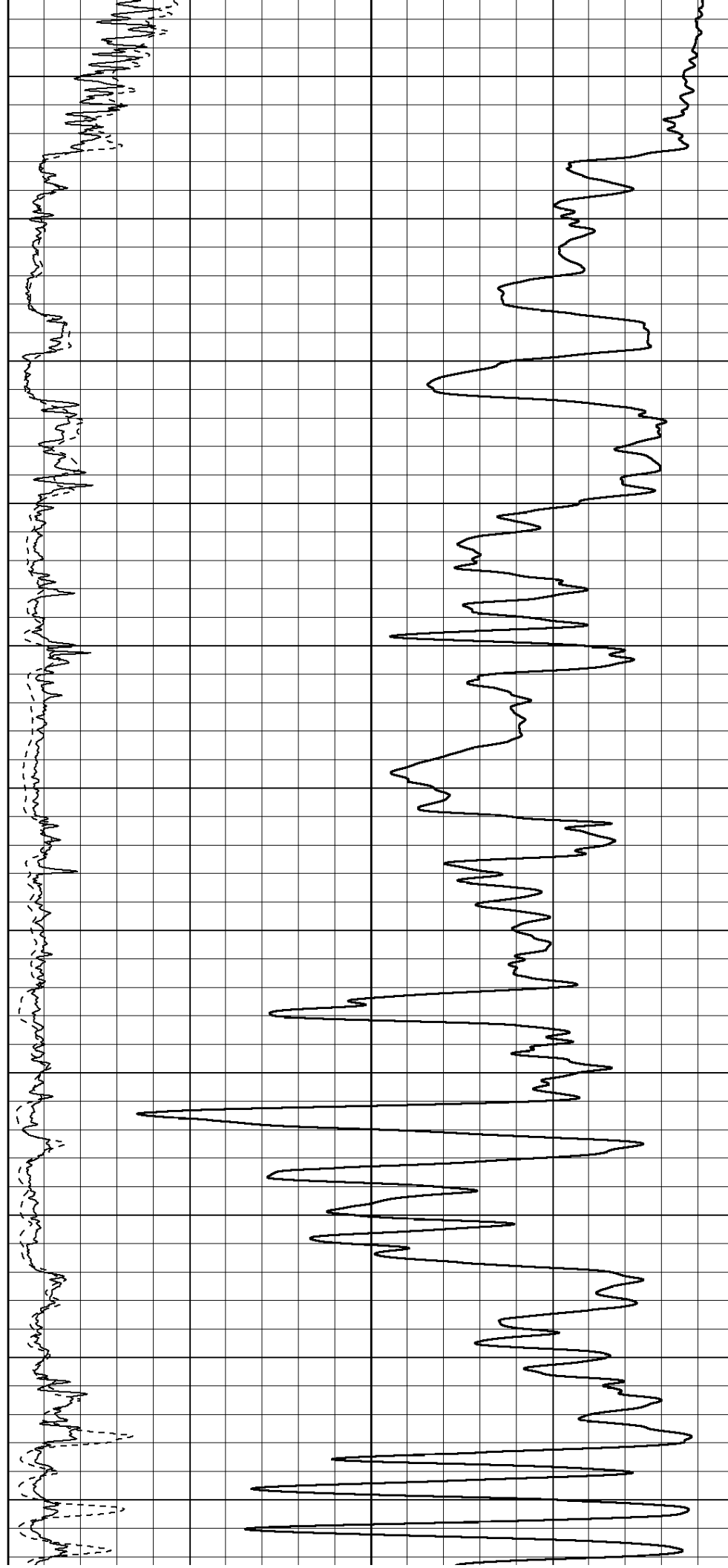
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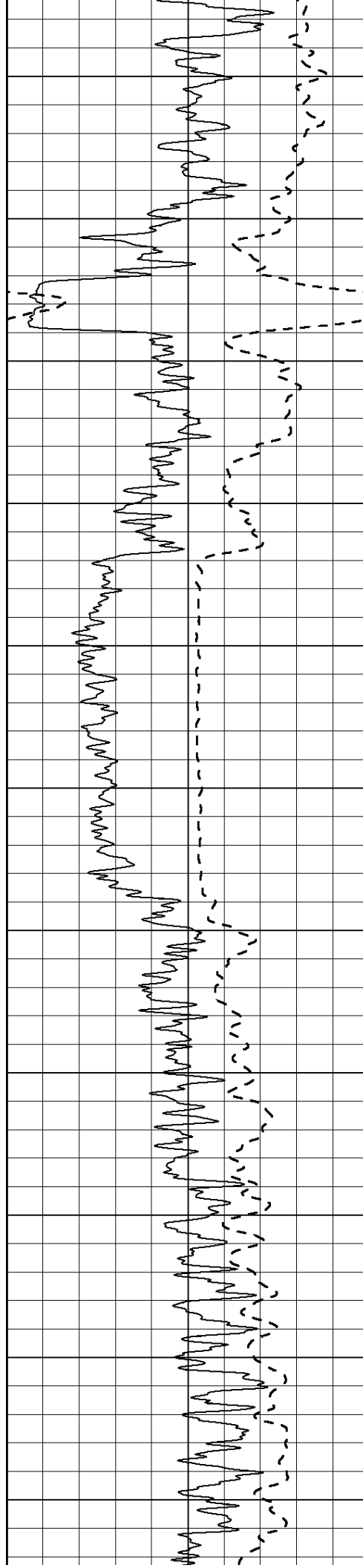
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850

900

950





1000

1050

1100

1150

1200

1250

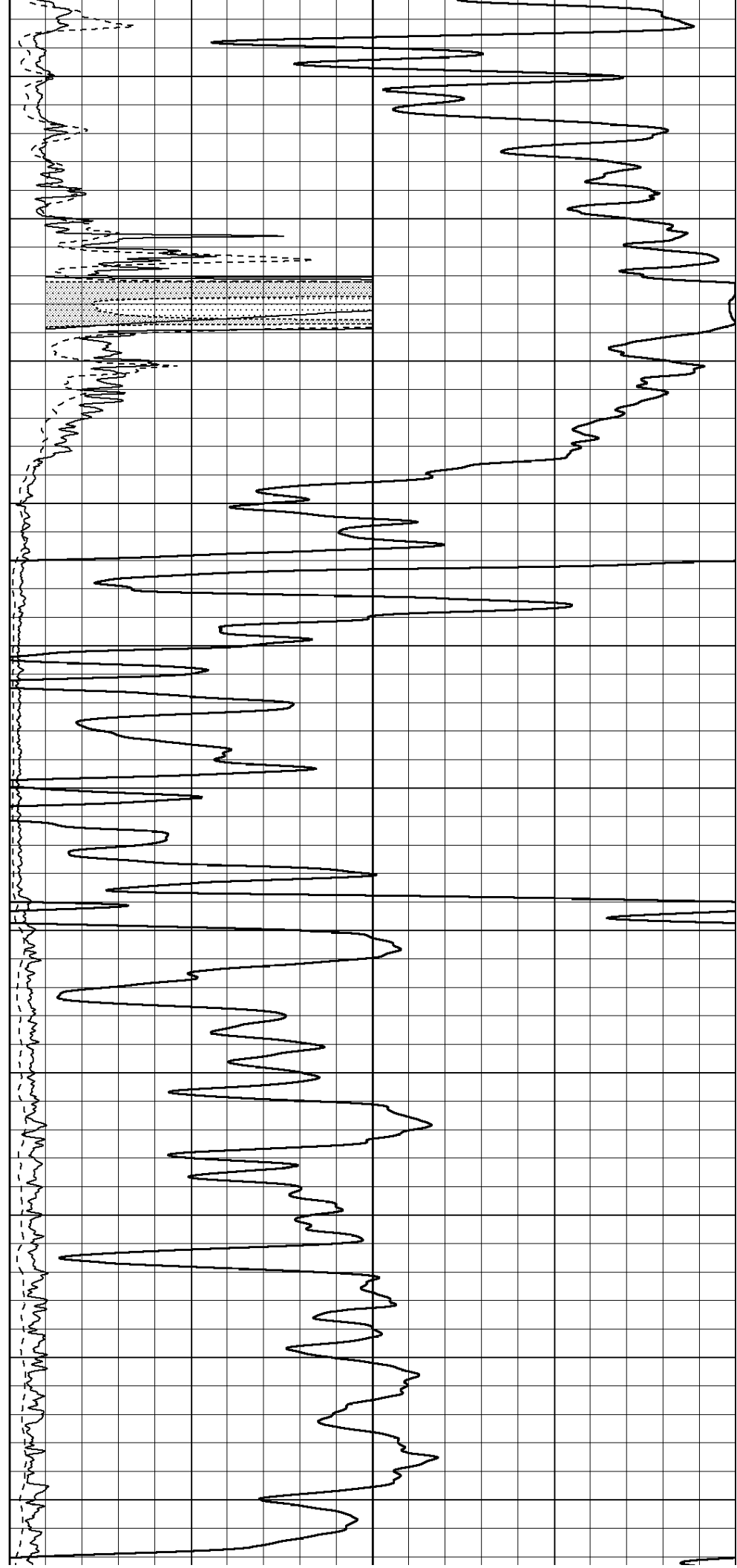
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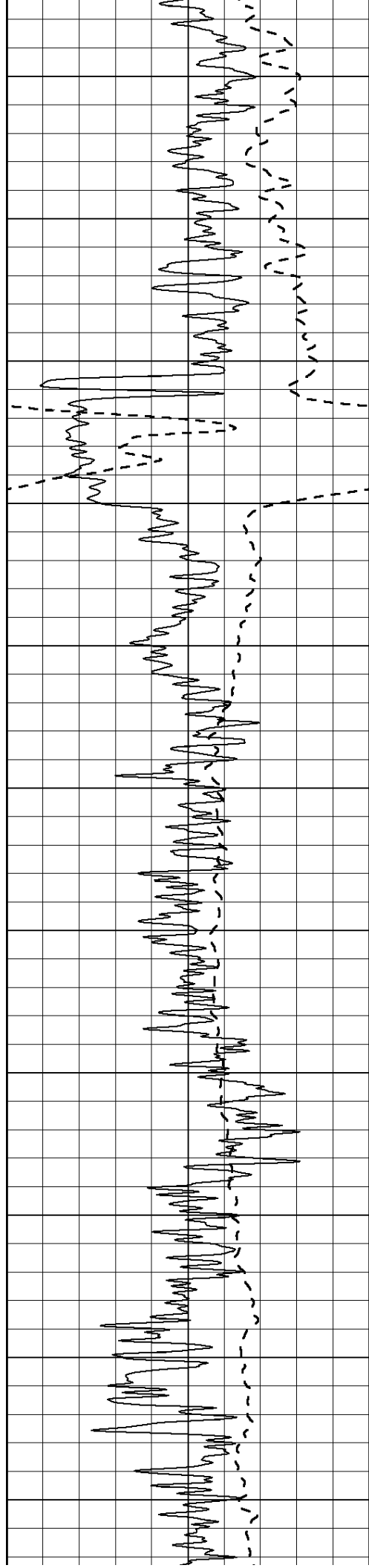
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1400

1450

1500





1550

1600

1650

1700

1750

1800

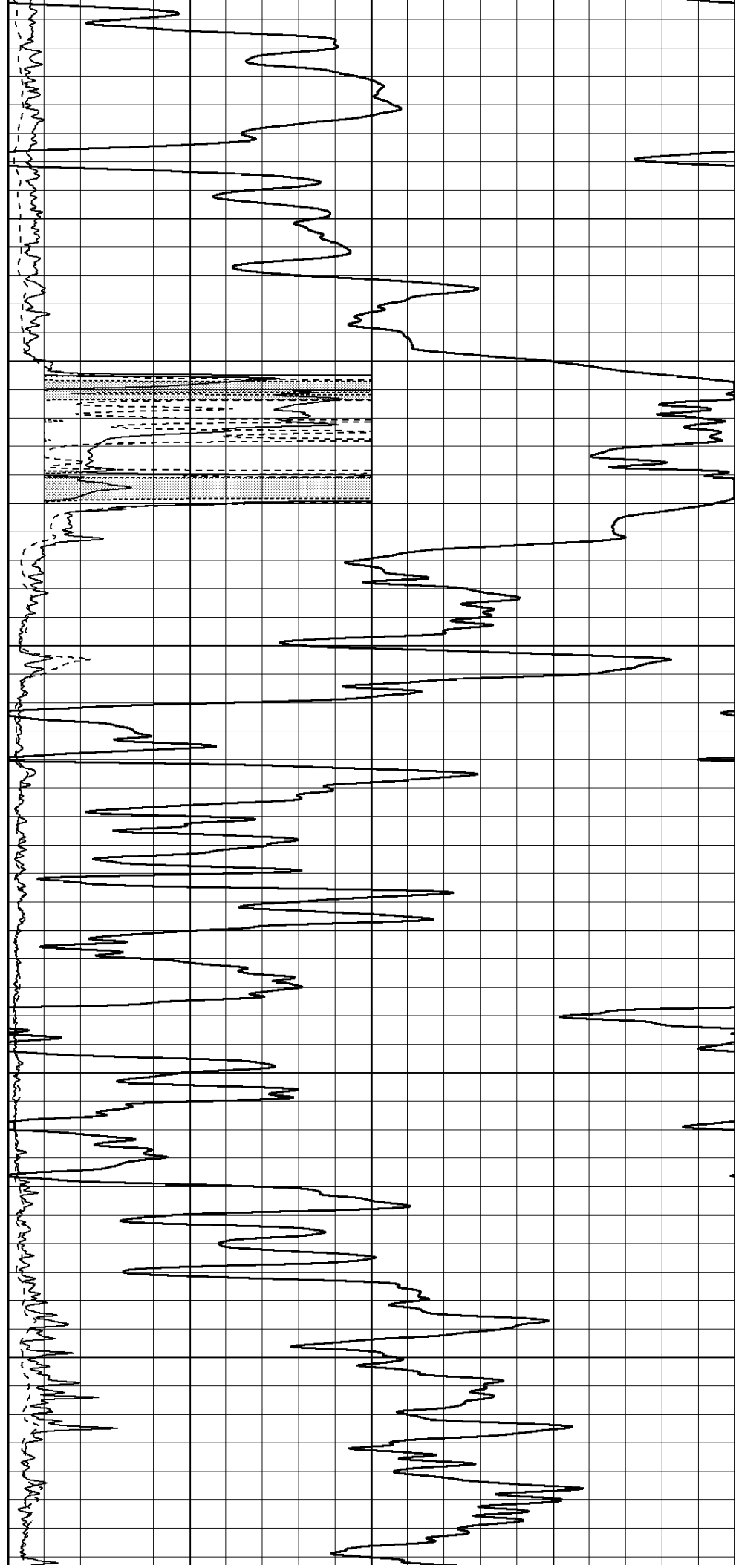
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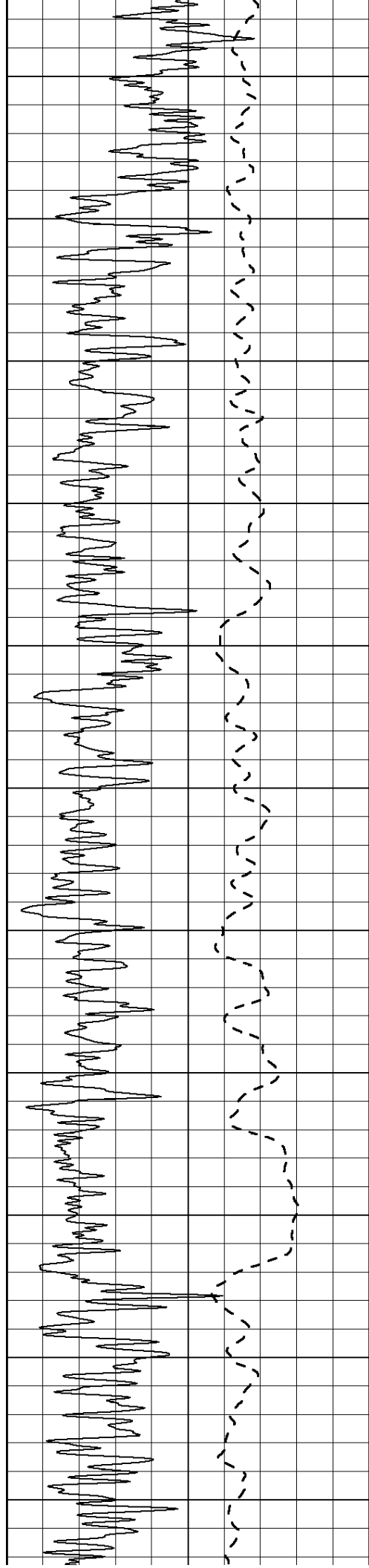
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1950

2000

2050





2100

2150

2200

2250

2300

2350

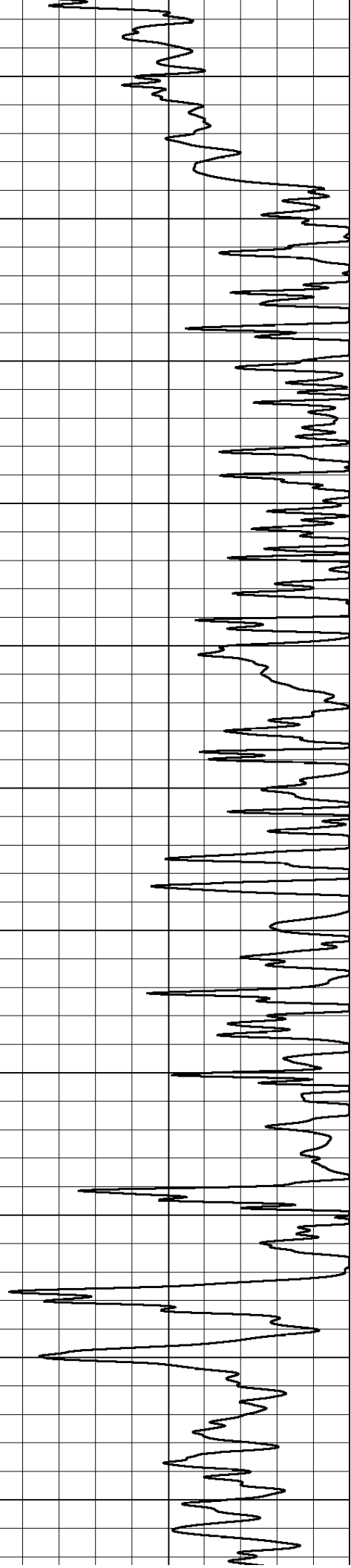
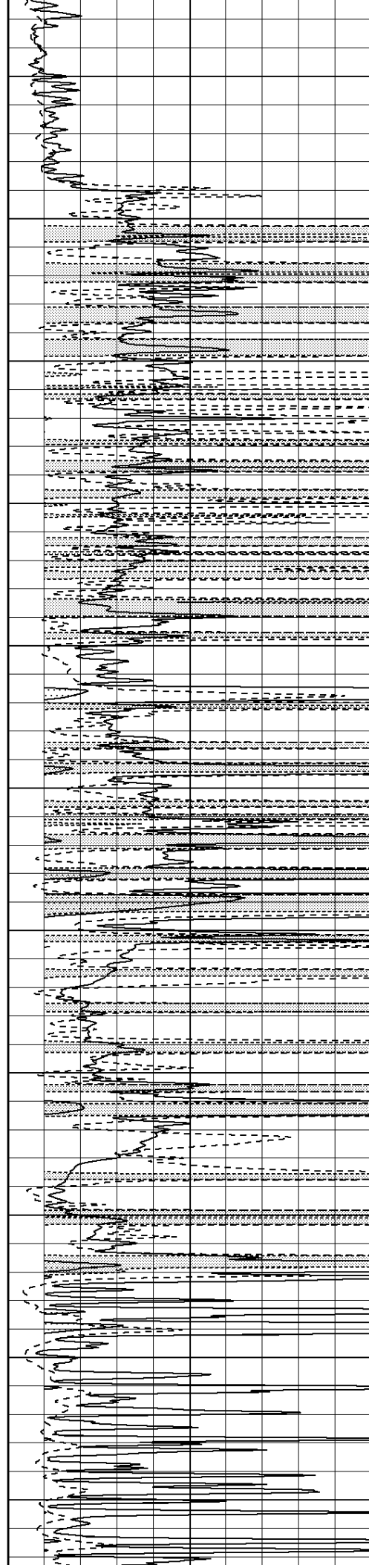
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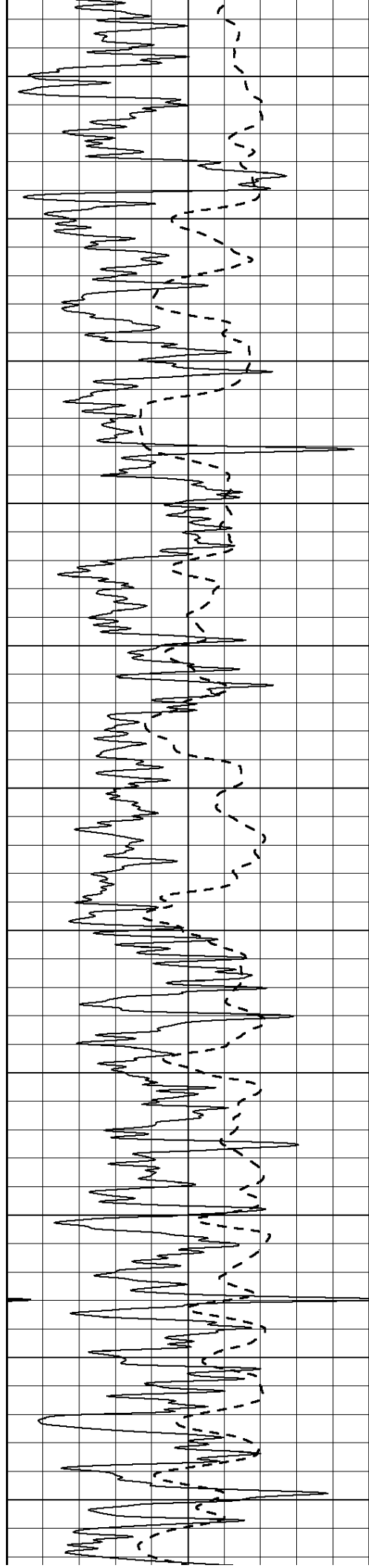
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2500

2550

2600





2650

2700

2750

2800

2850

2900

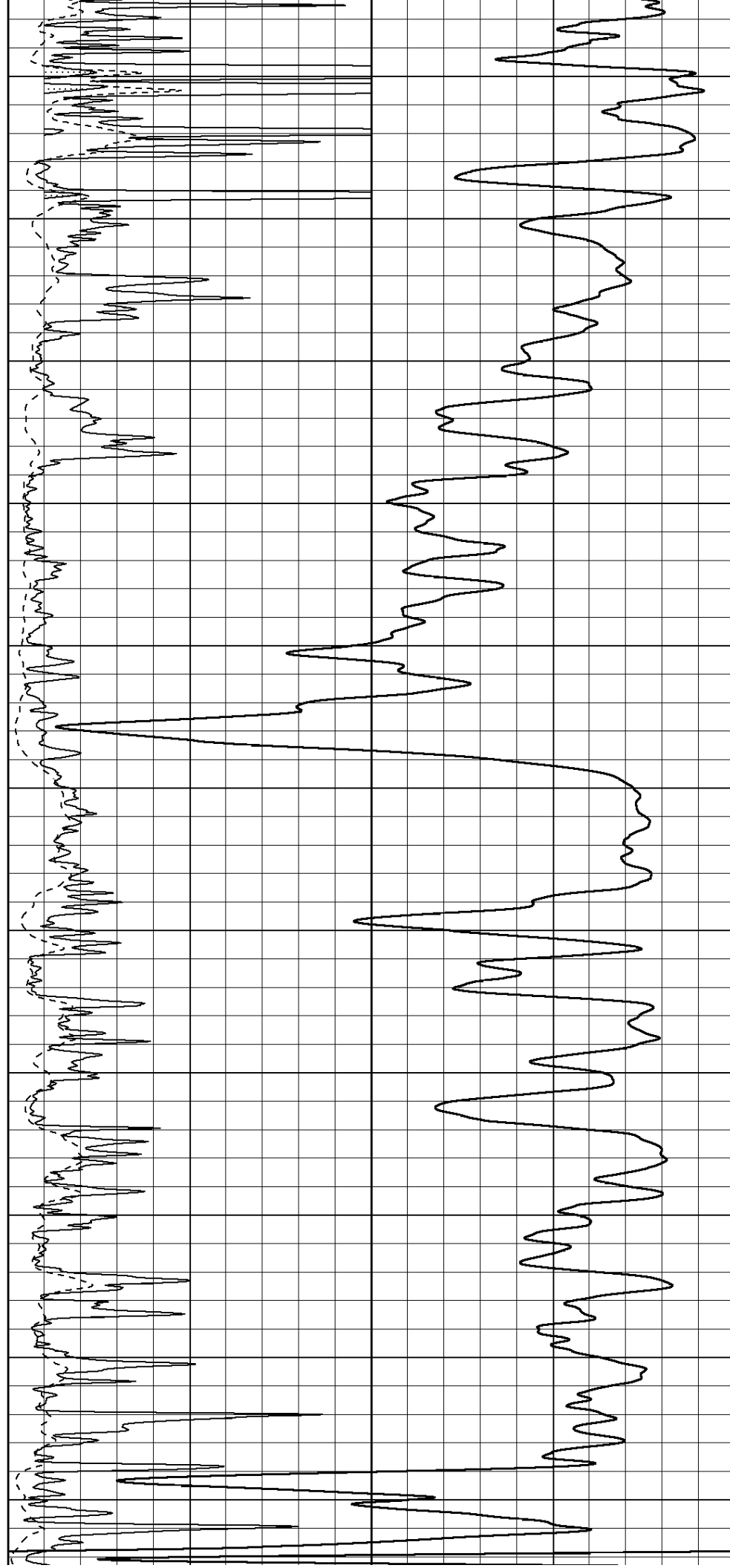
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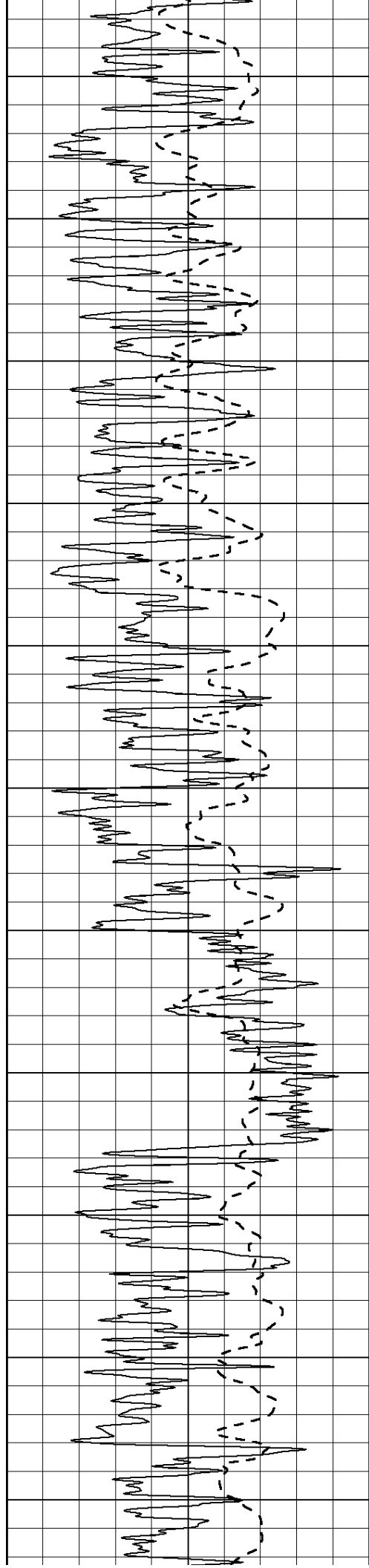
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3050

3100

3150





3200

3250

3300

3350

3400

3450

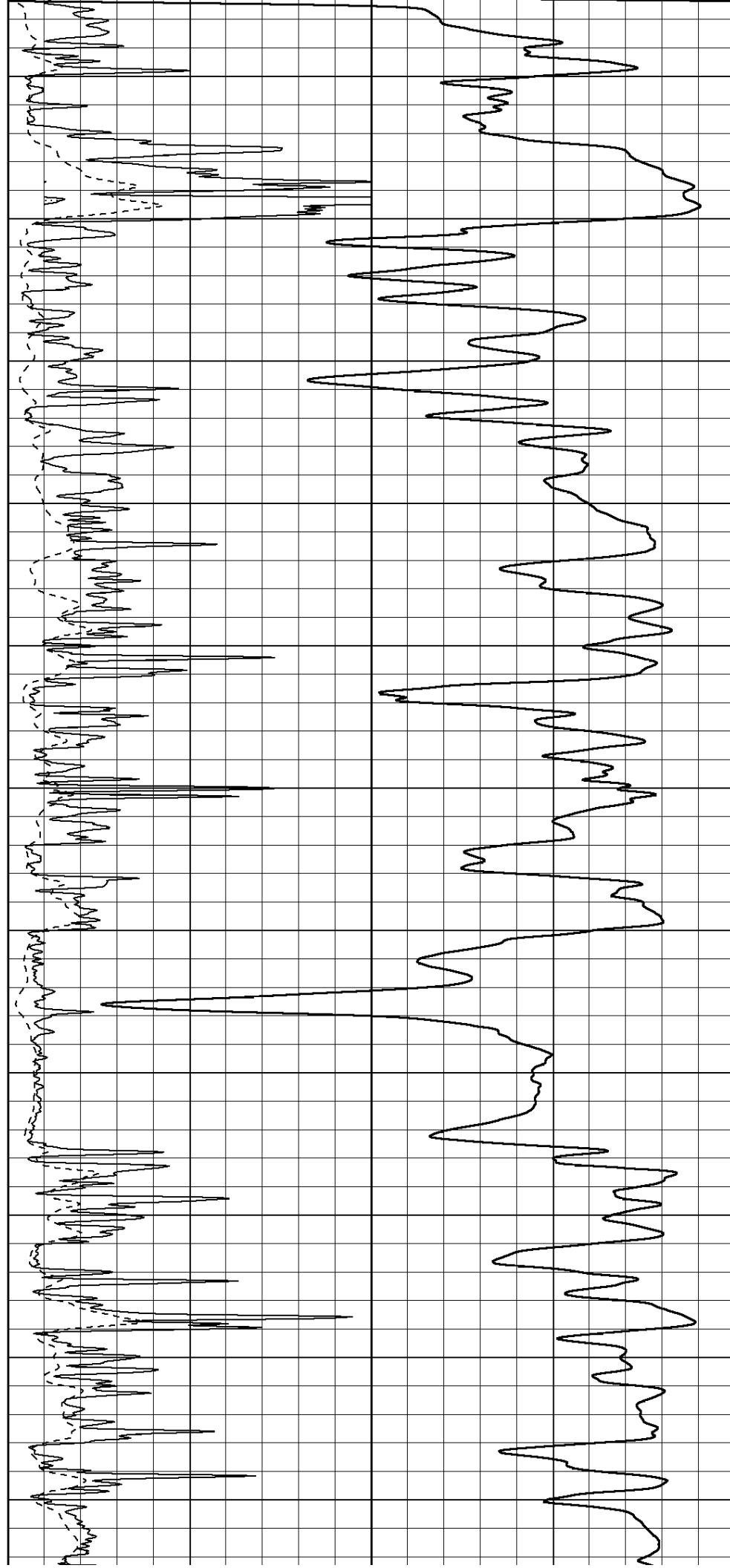
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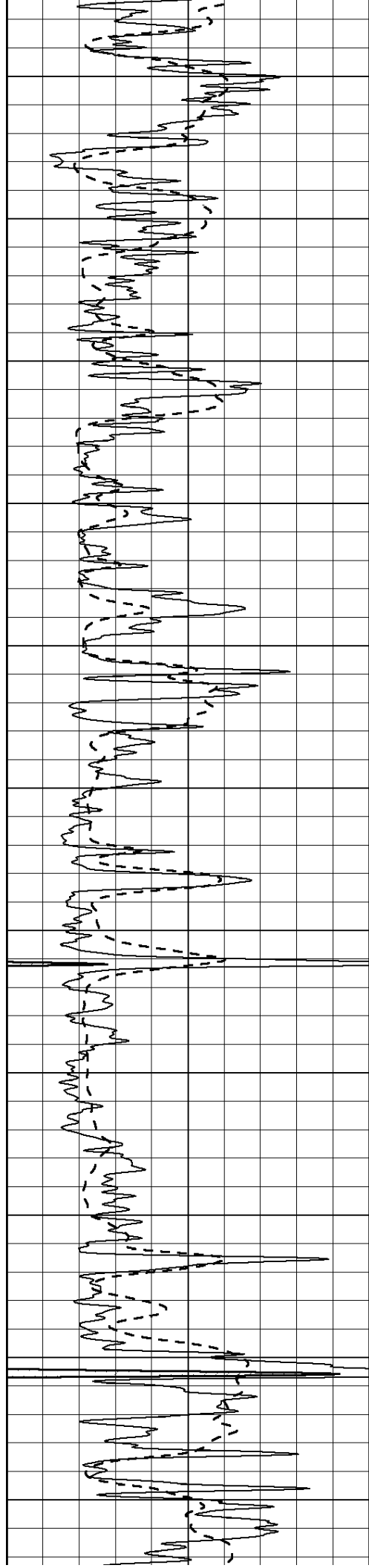
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3600

3650

3700





3750

3800

3850

3900

3950

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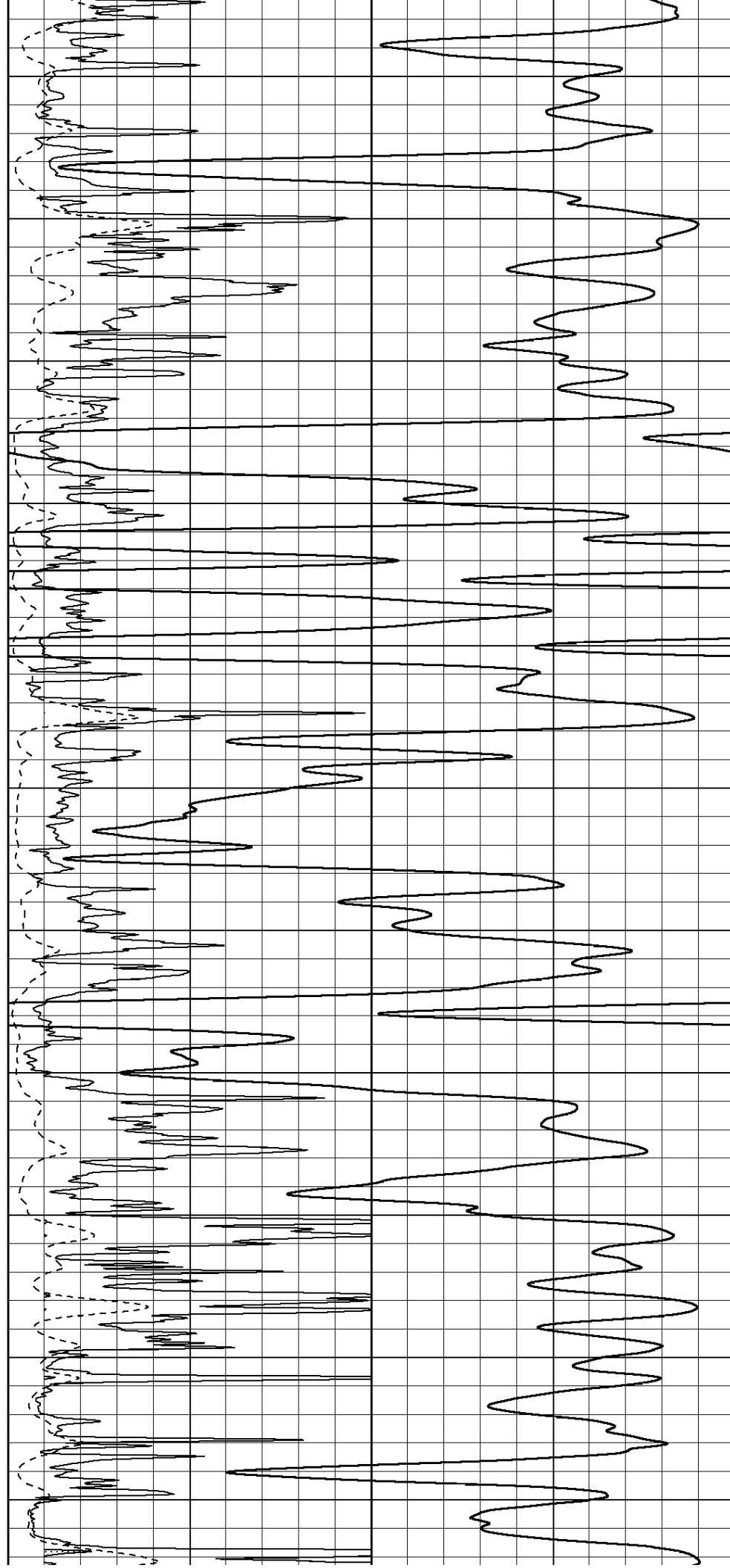
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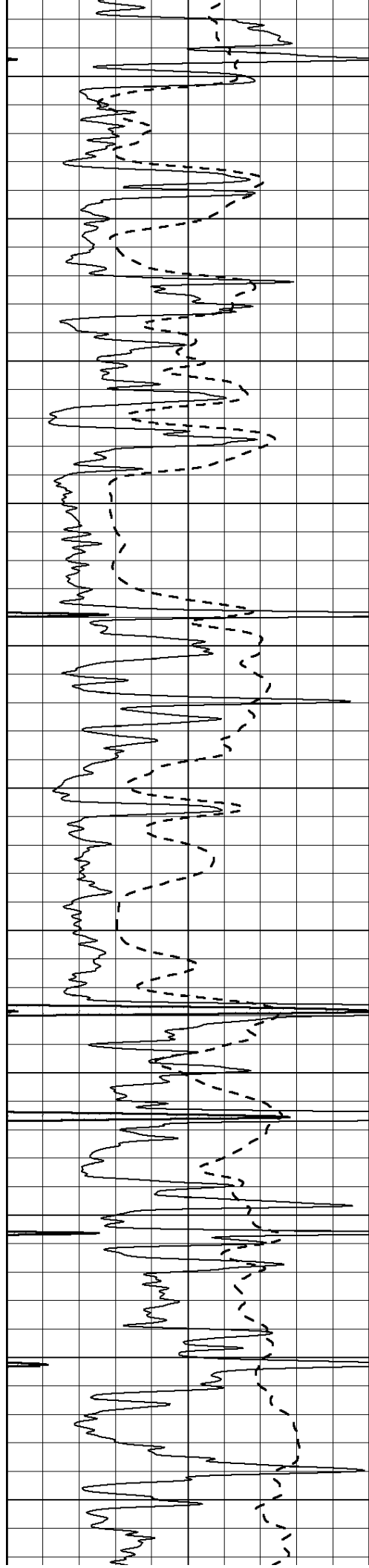
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4150

4200

4250





4300

4350

4400

4450

4500

4550

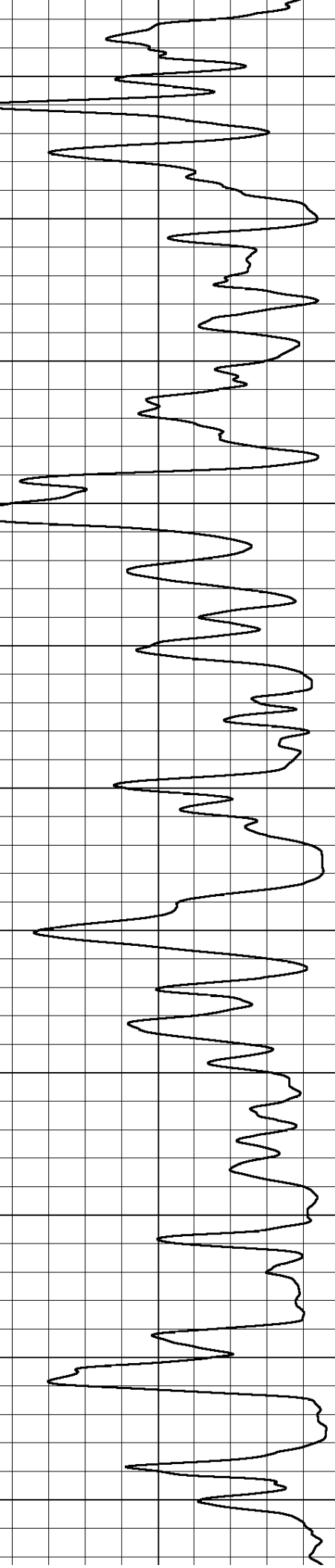
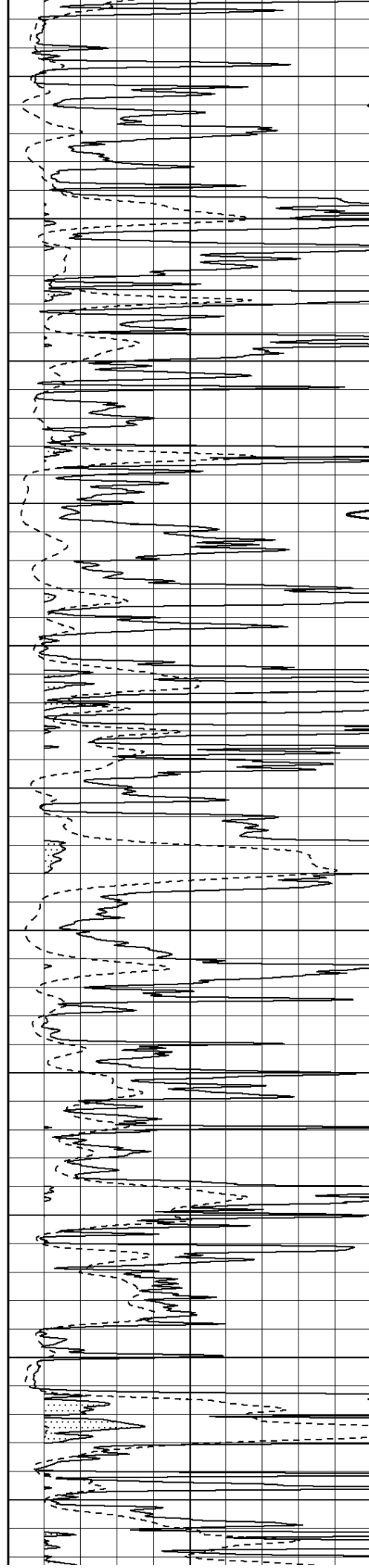
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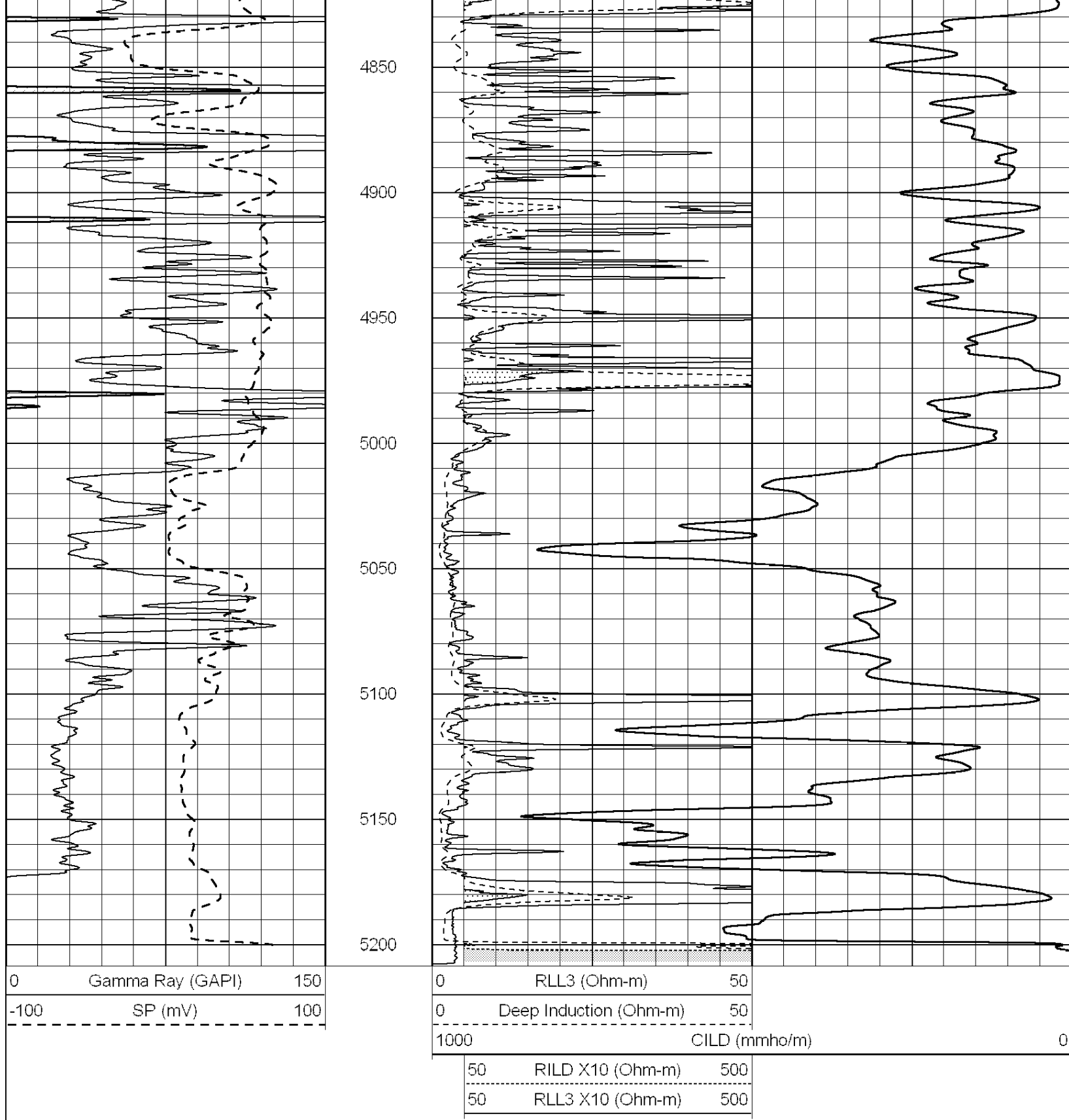
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4700

4750

4800





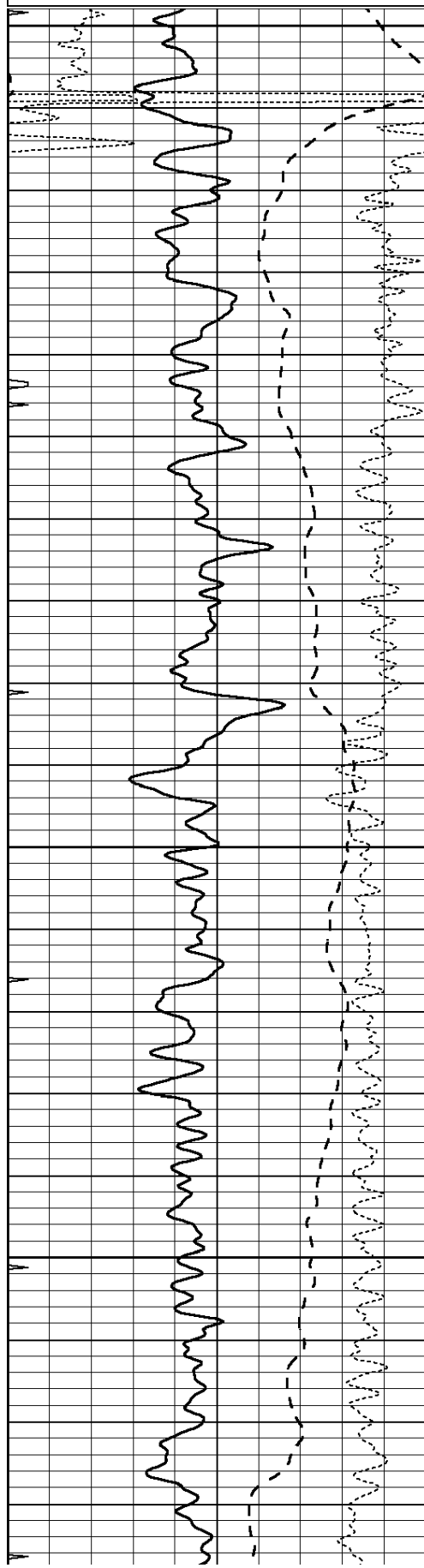
SUPERIOR
Hays,
Kansas

MAIN SECTION

Database File: 005630pdn.db
Dataset Pathname: pass4.1A
Presentation Format: dil
Dataset Creation: Sat Jul 24 18:13:05 2010

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

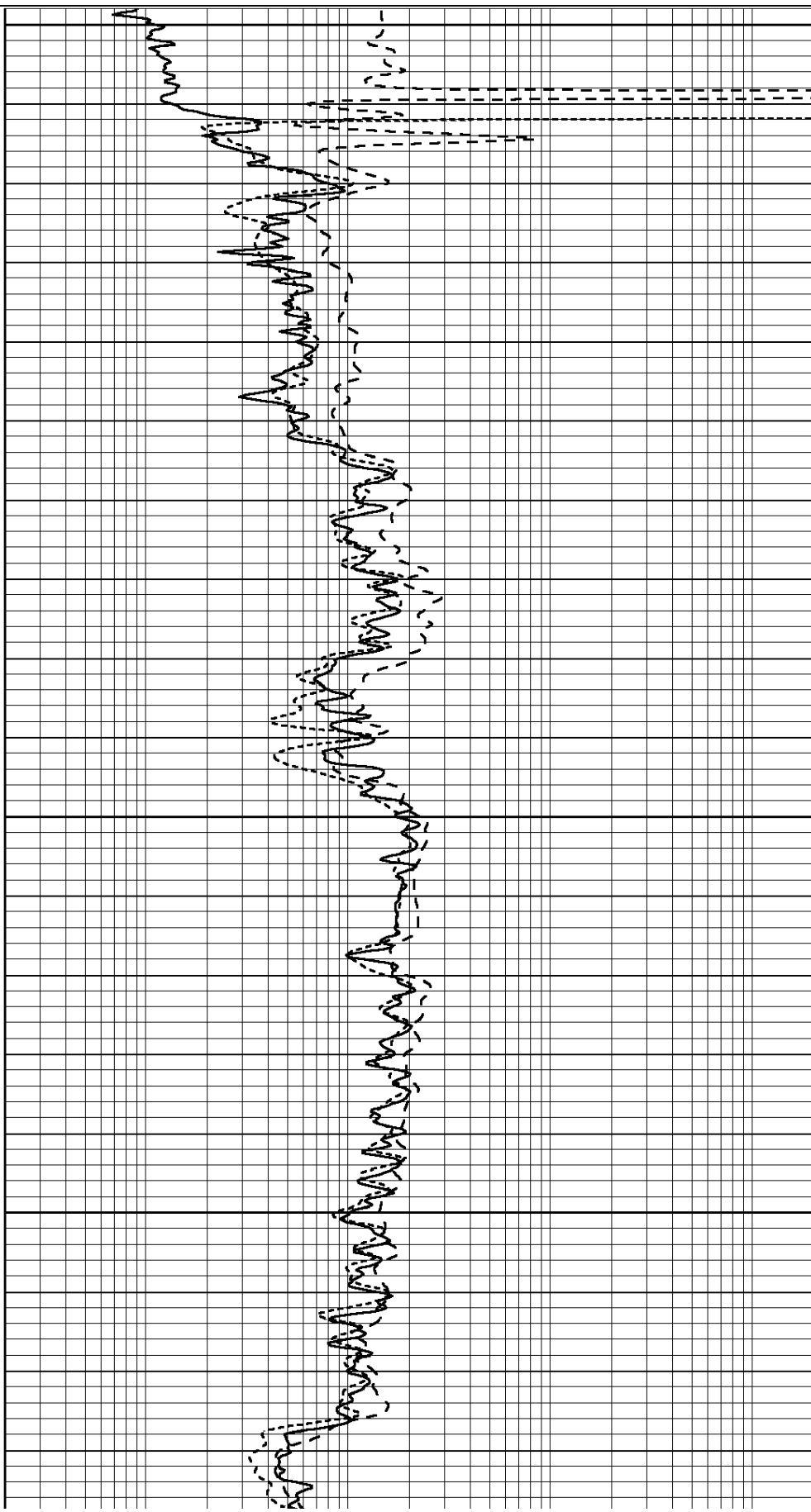


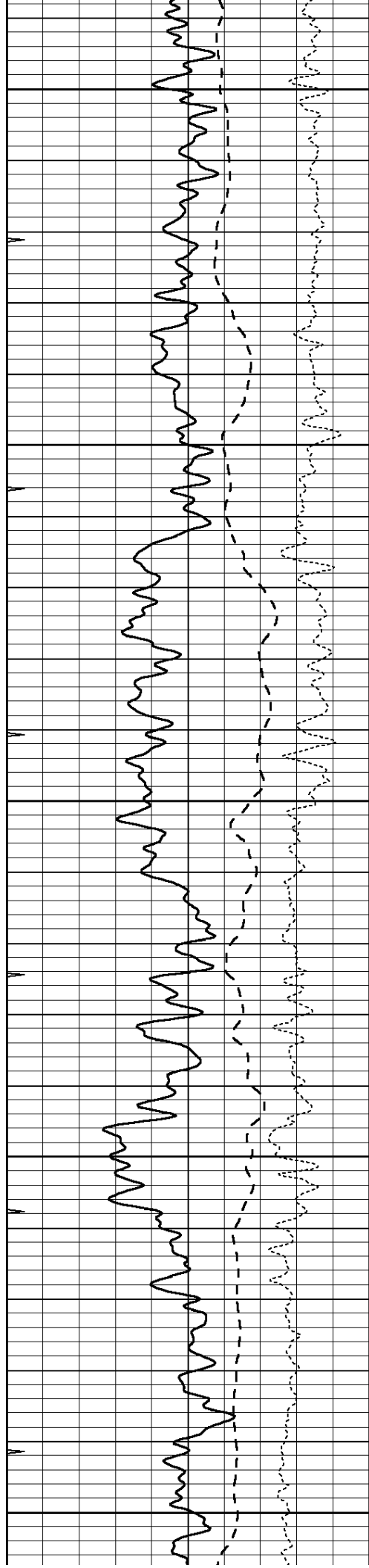
300

350

400

450





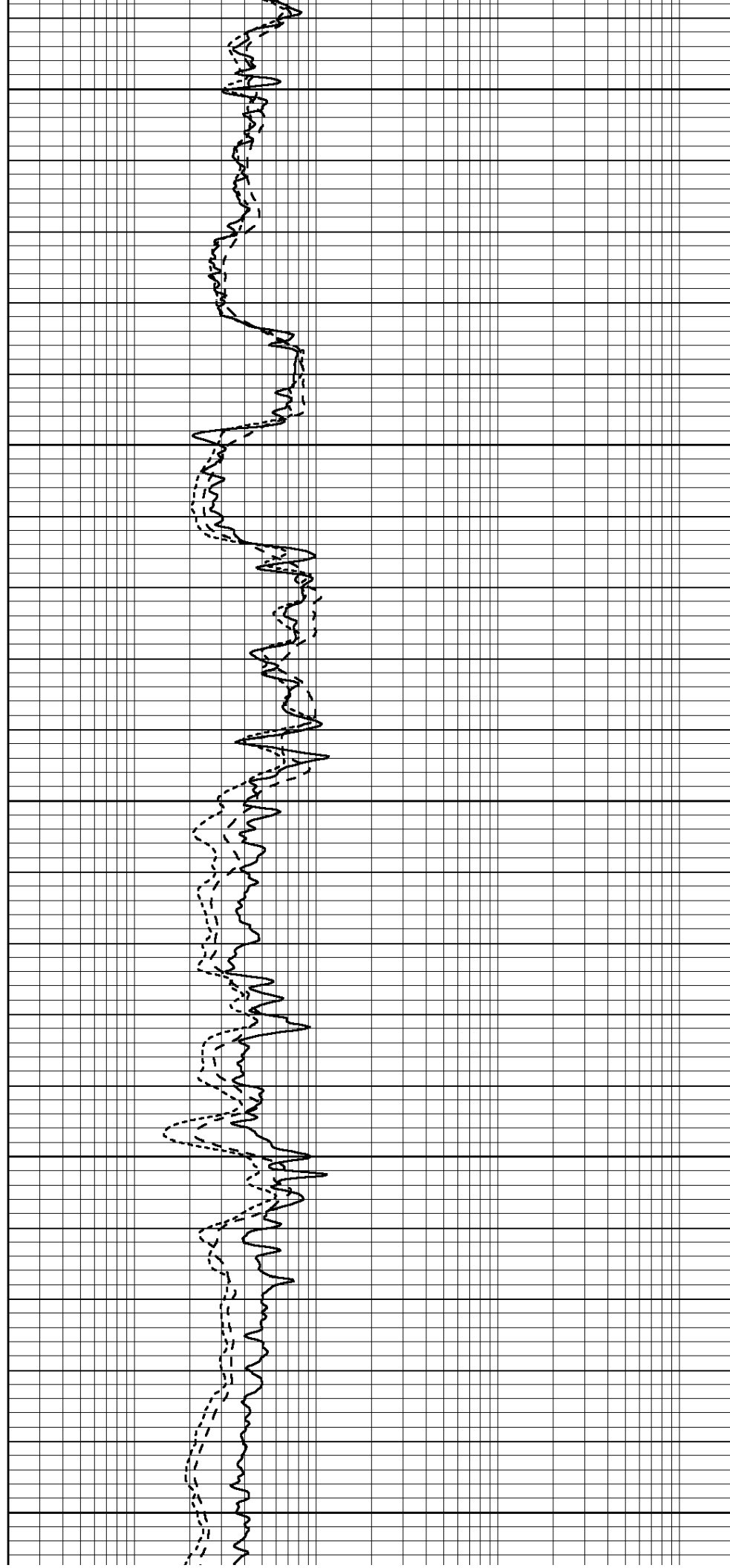
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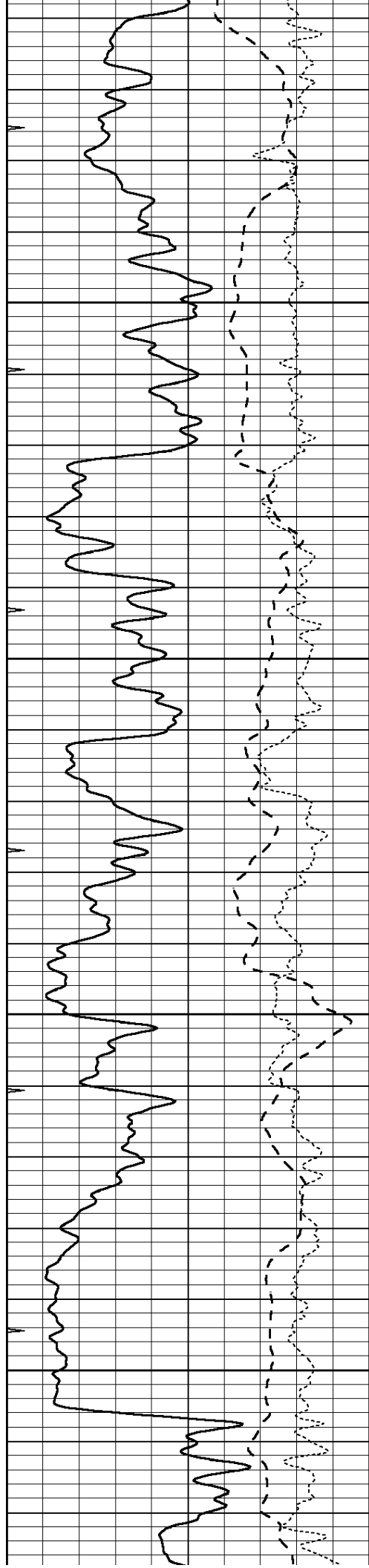
550

600

650

700



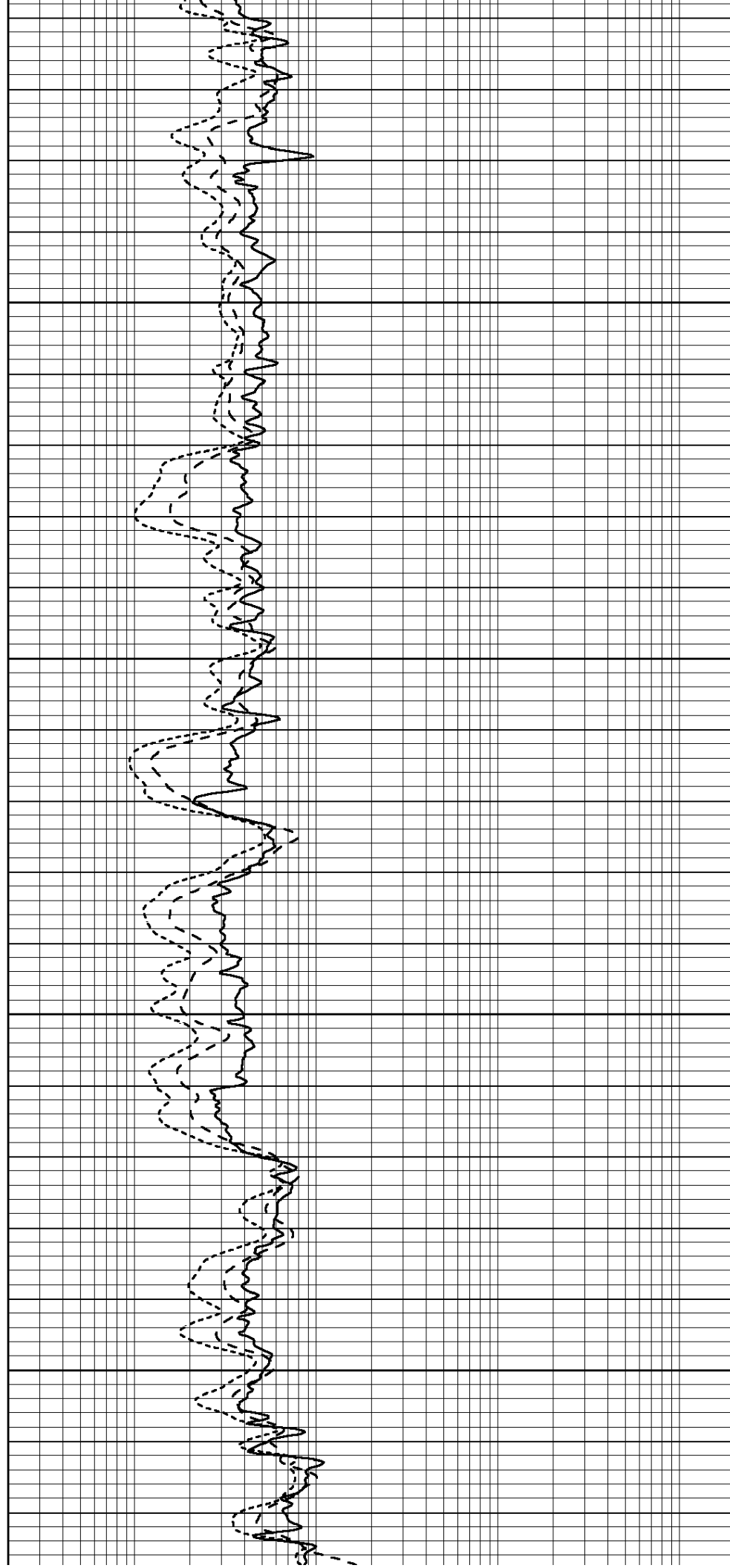


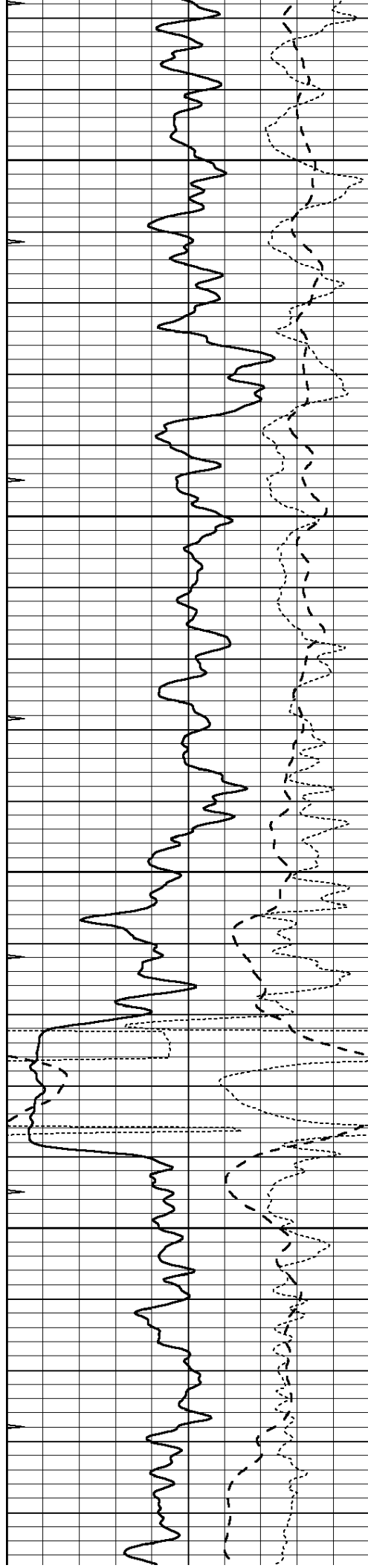
750

800

850

900



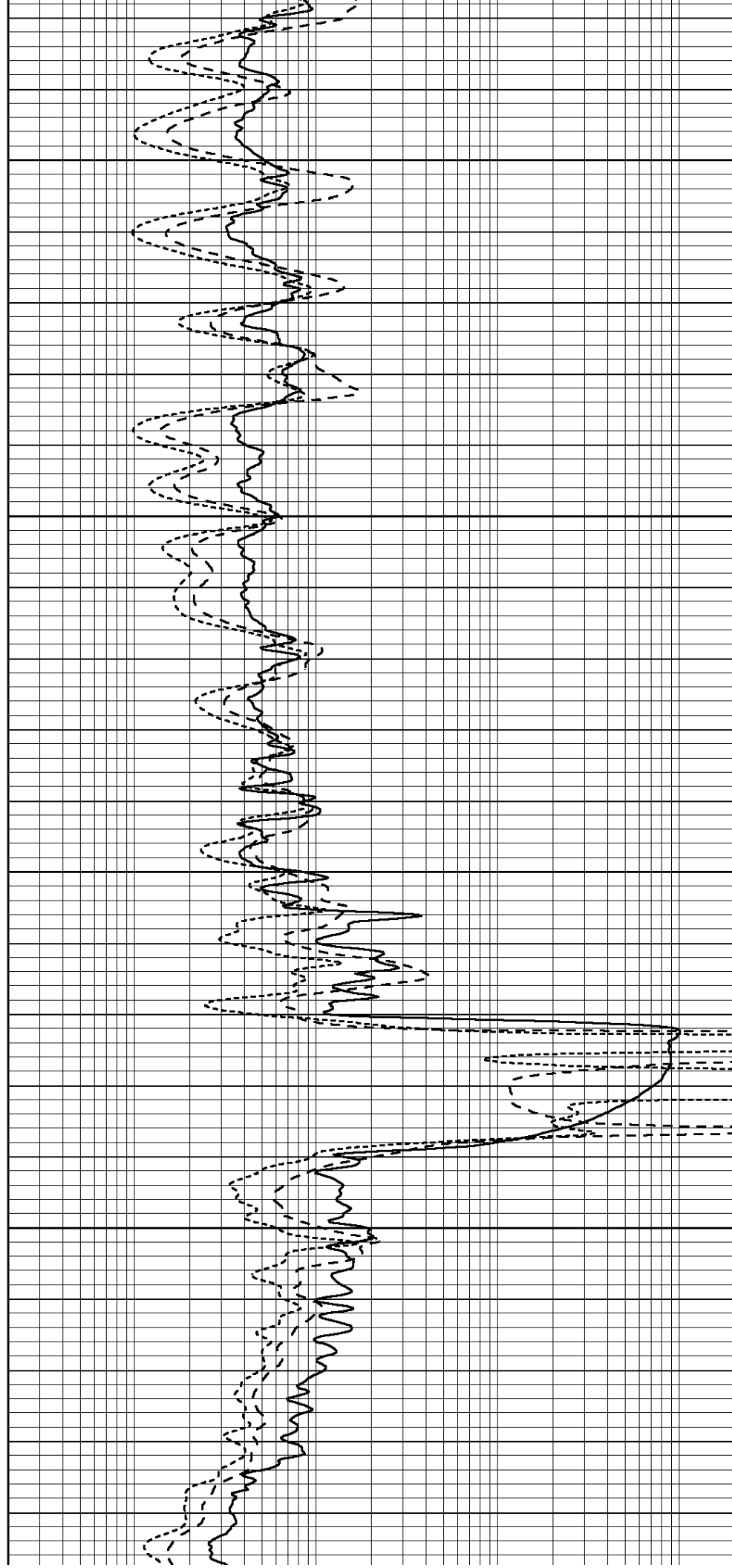


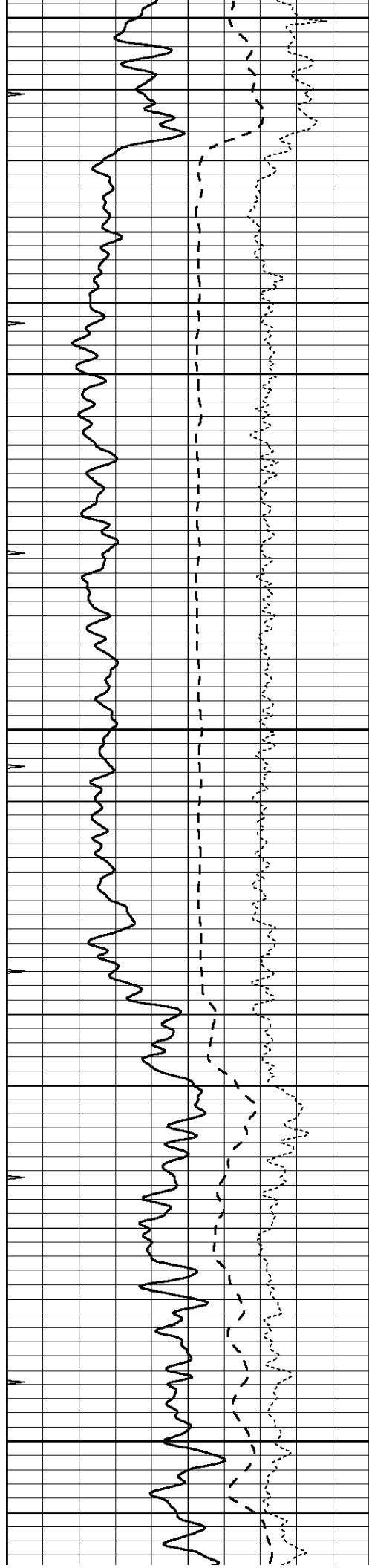
950

1000

1050

1100





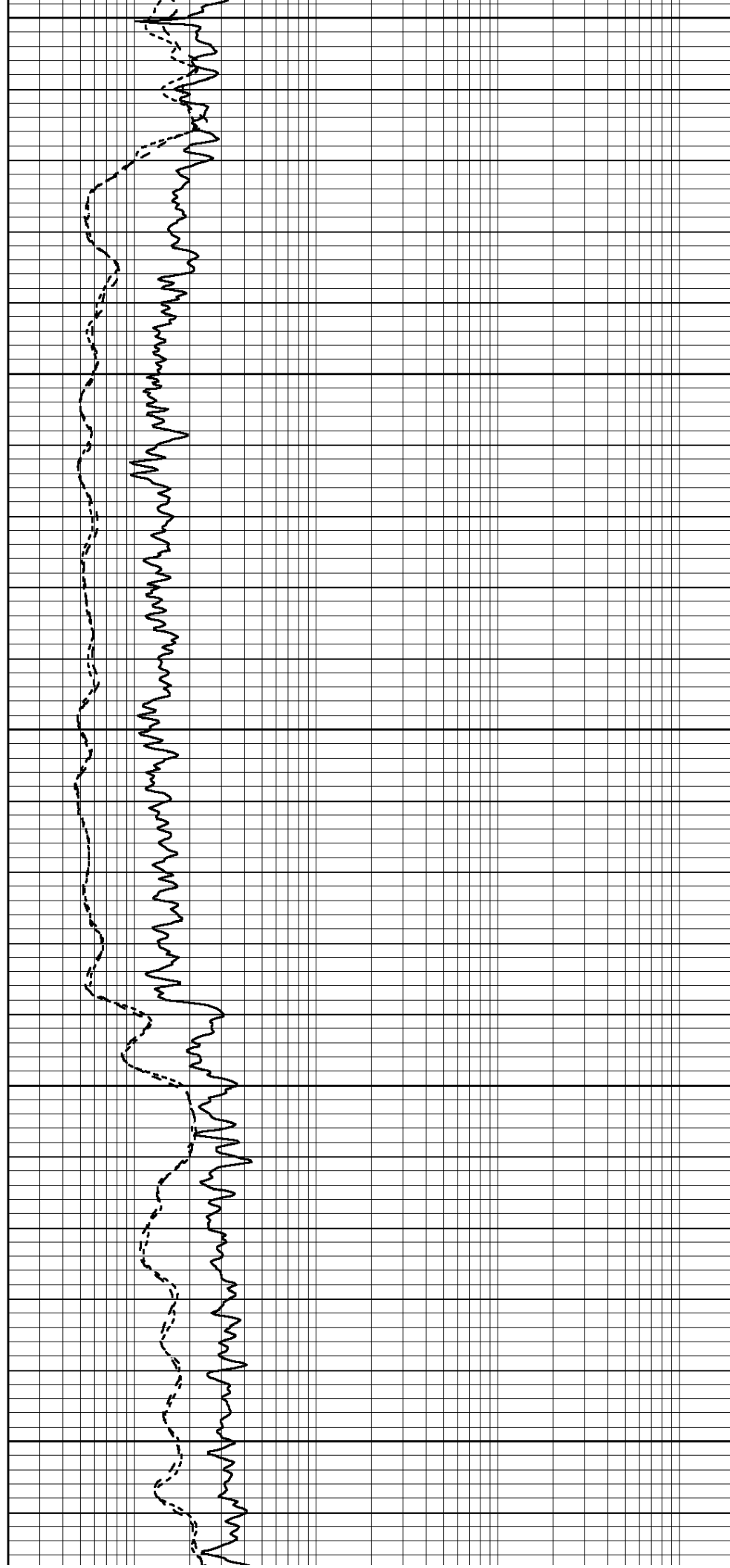
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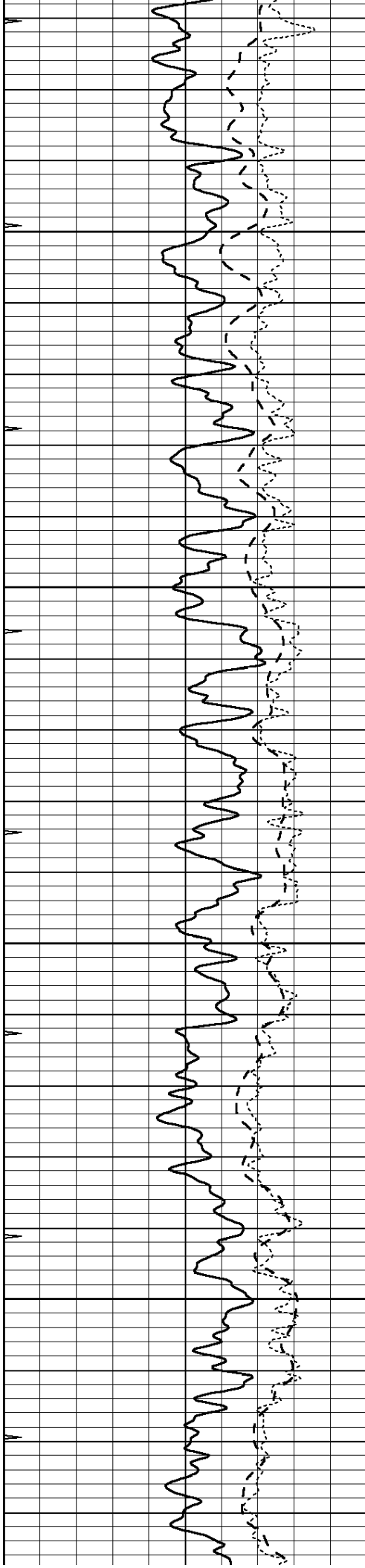
1200

1250

1300

1350



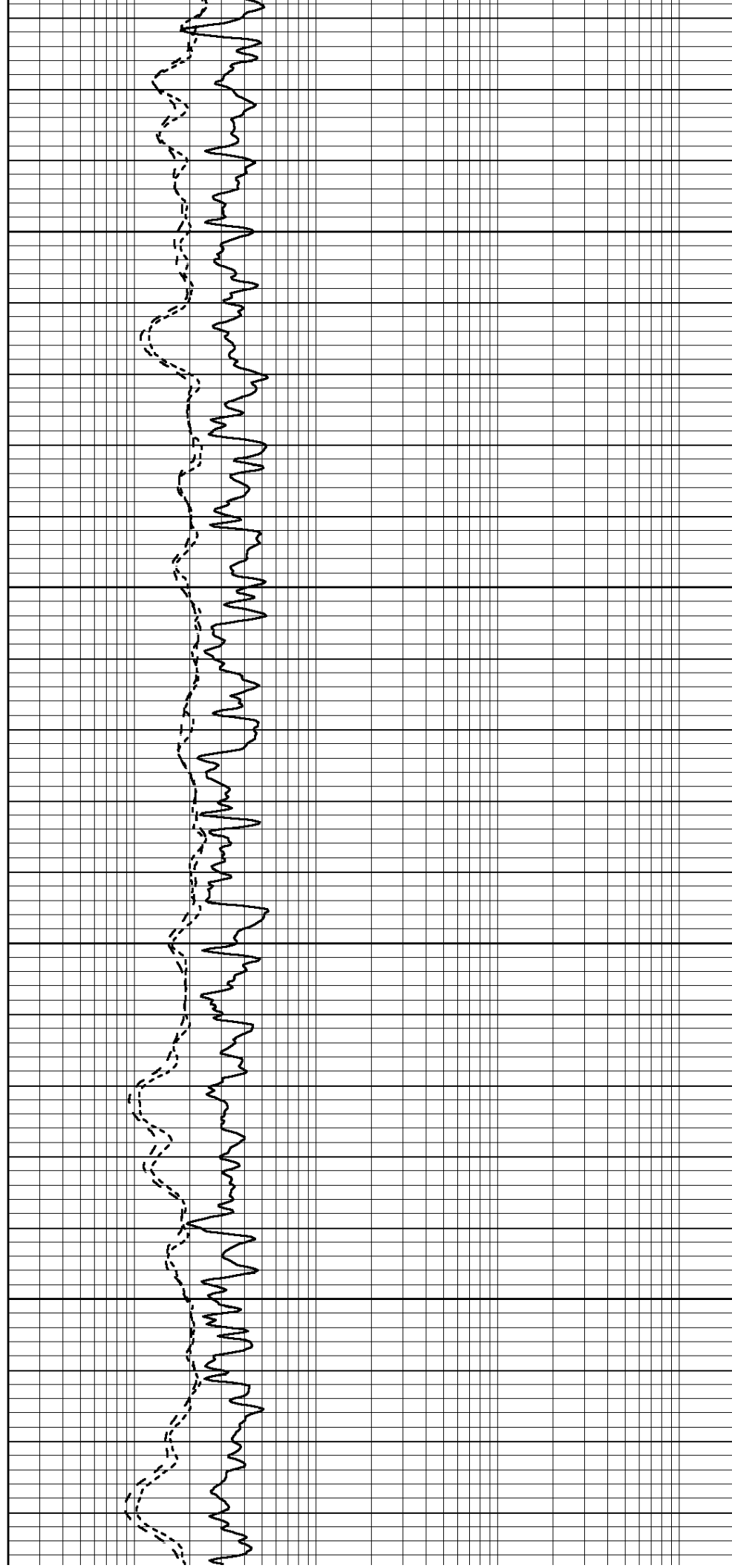


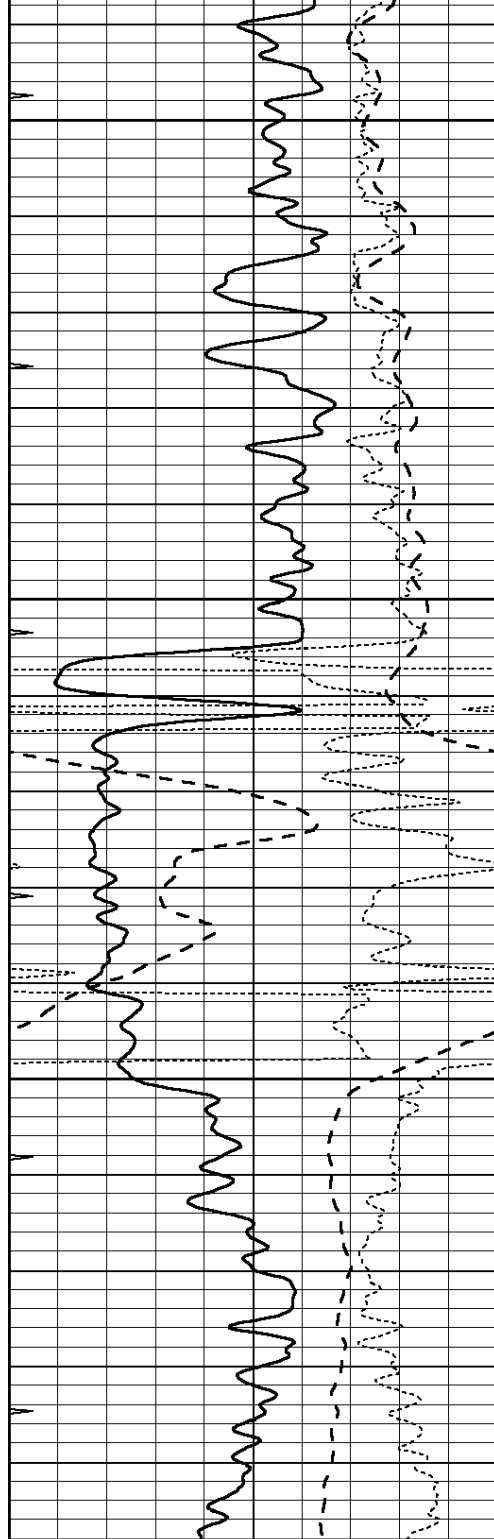
1400

1450

1500

1550



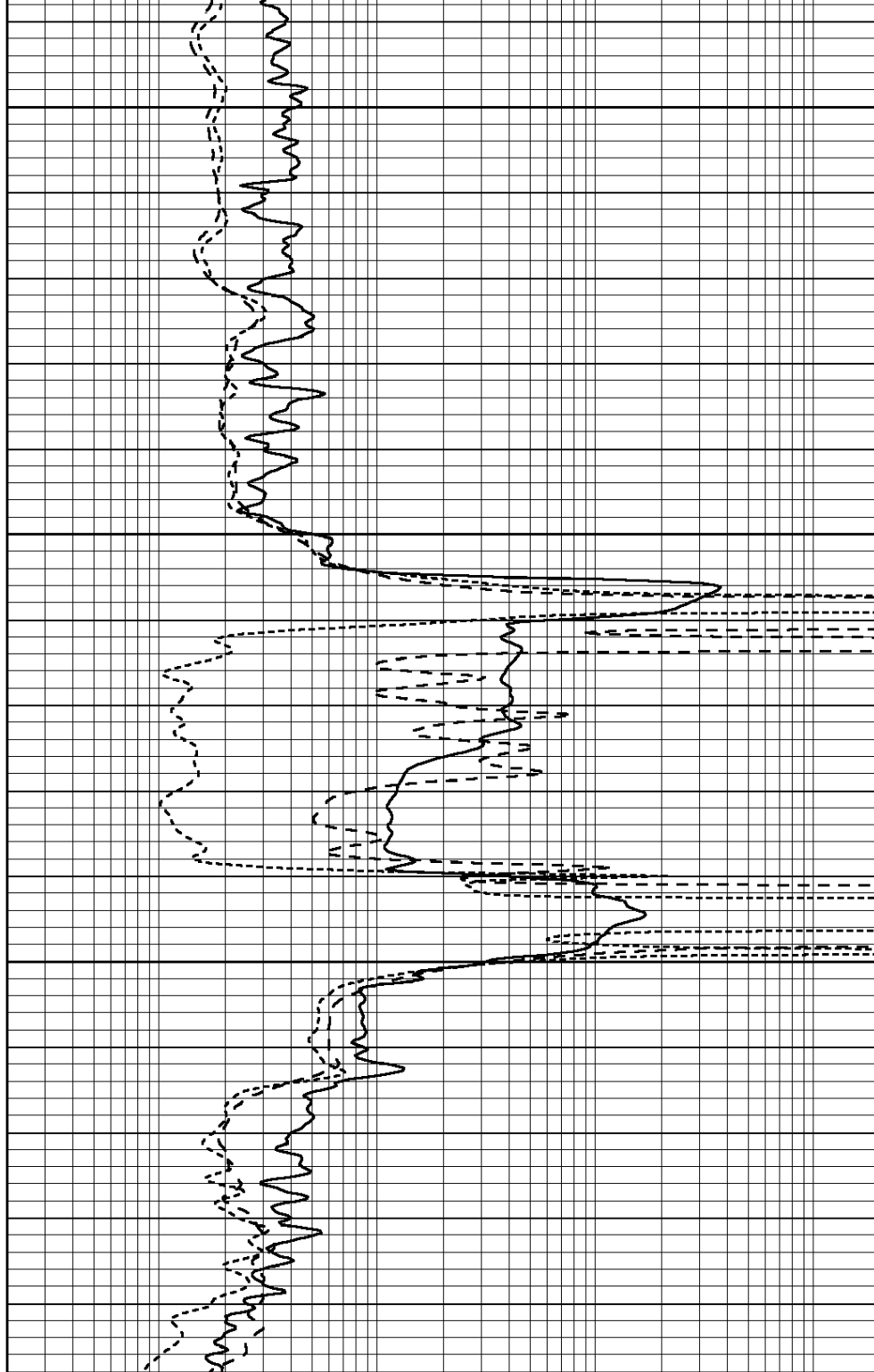


1600

1650

1700

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20



0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

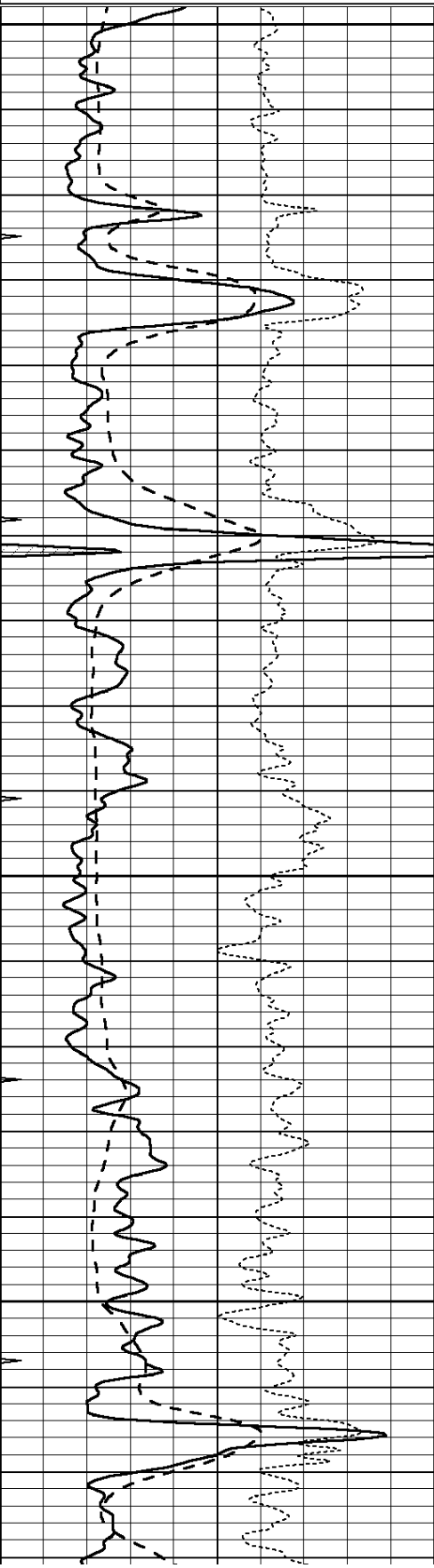


SUPERIOR
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MAIN SECTION

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

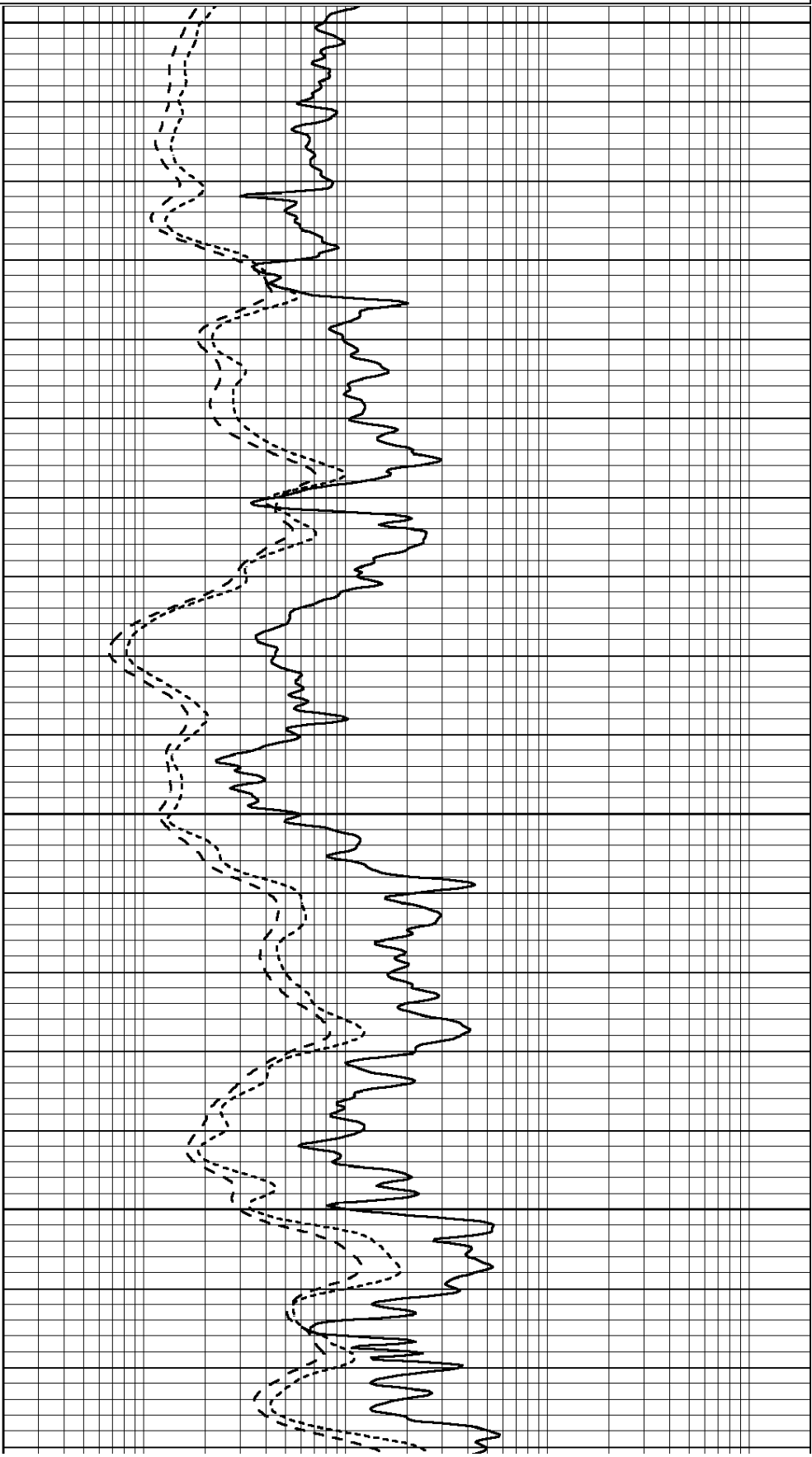


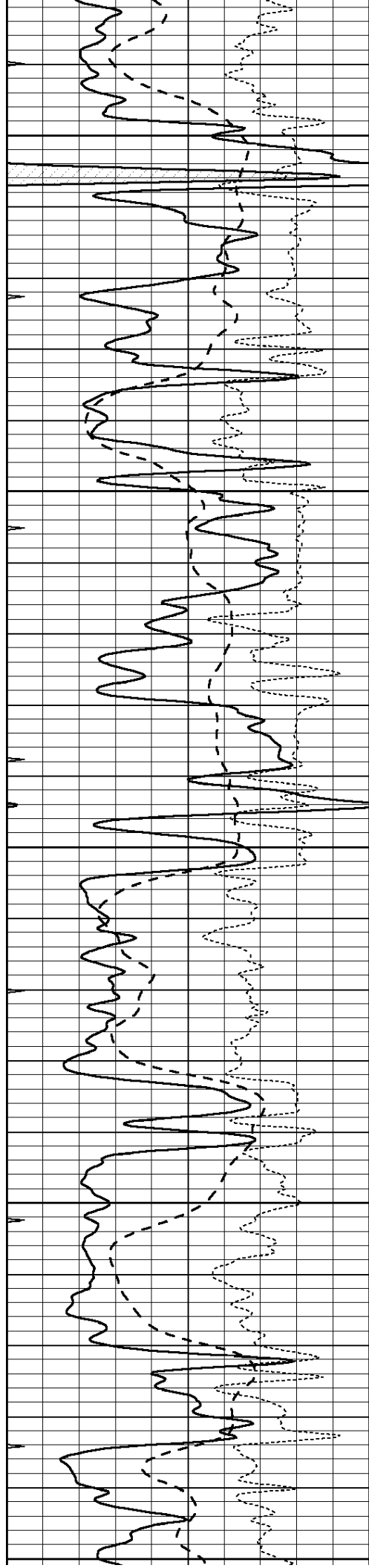
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4050

4100

4150





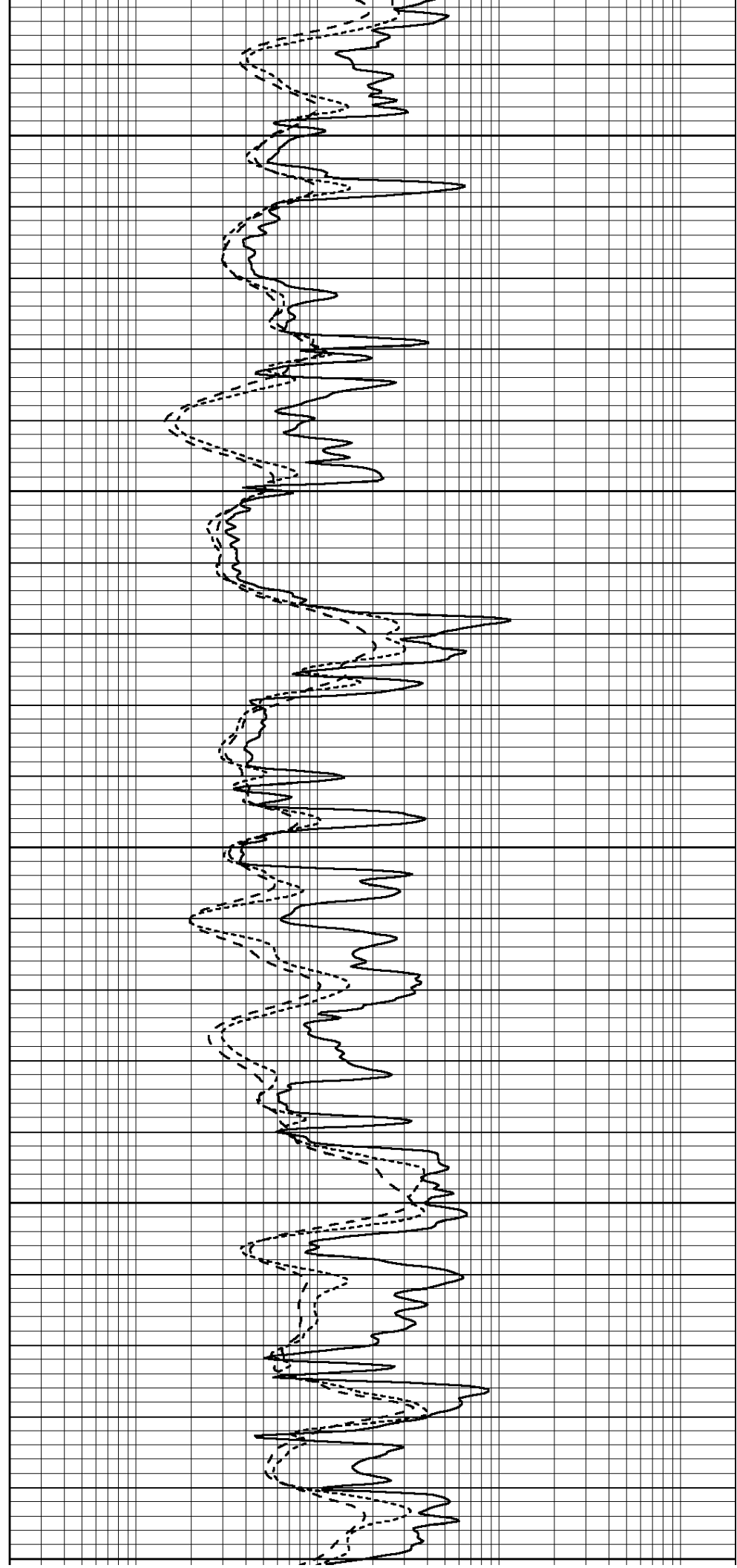
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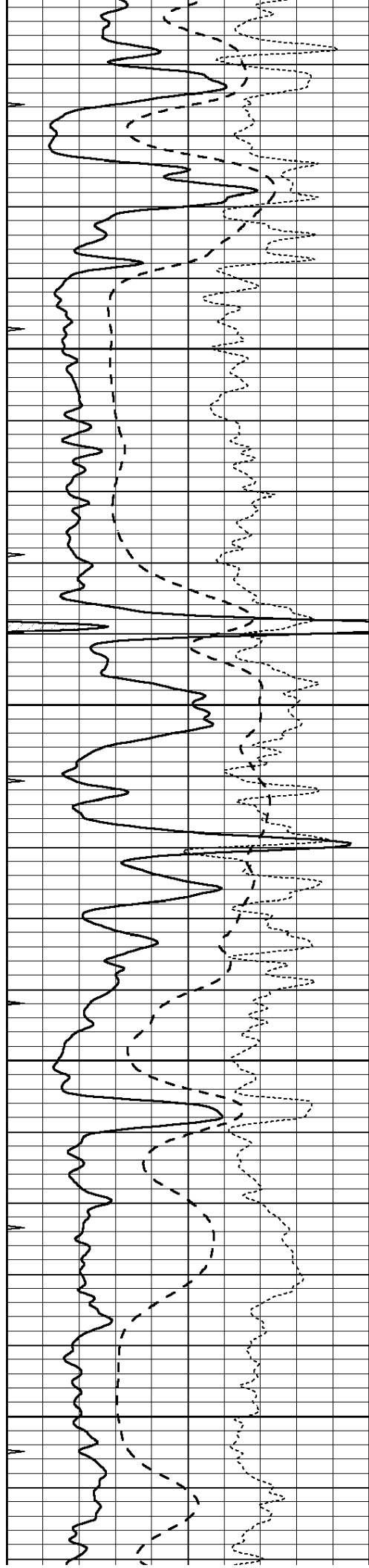
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4300

4350

4400



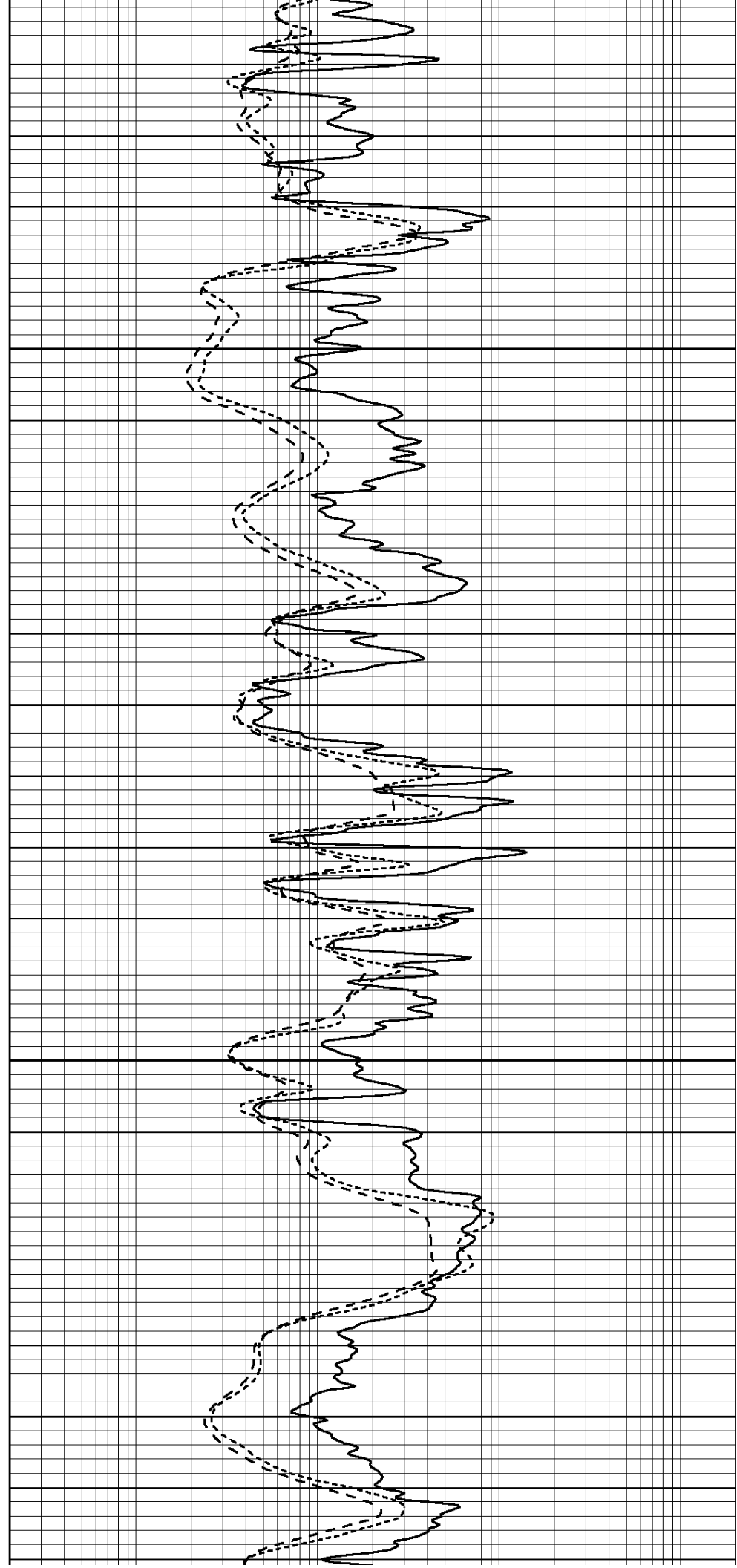


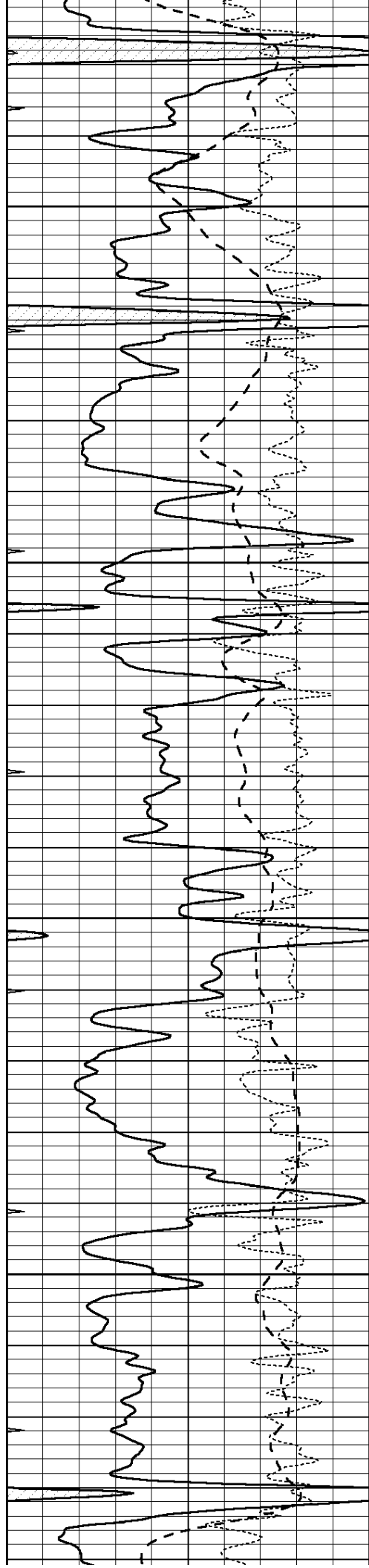
4450

4500

4550

4600



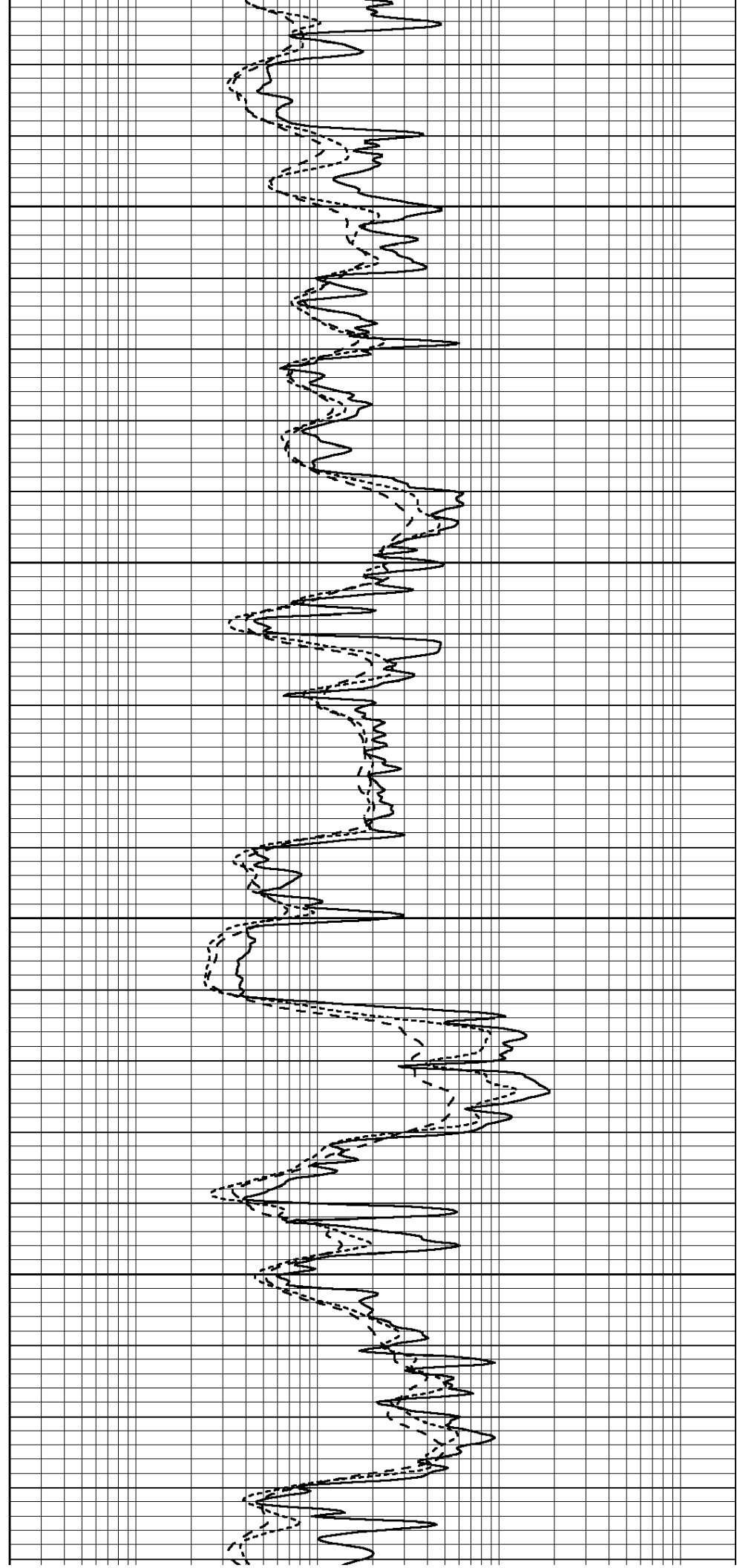


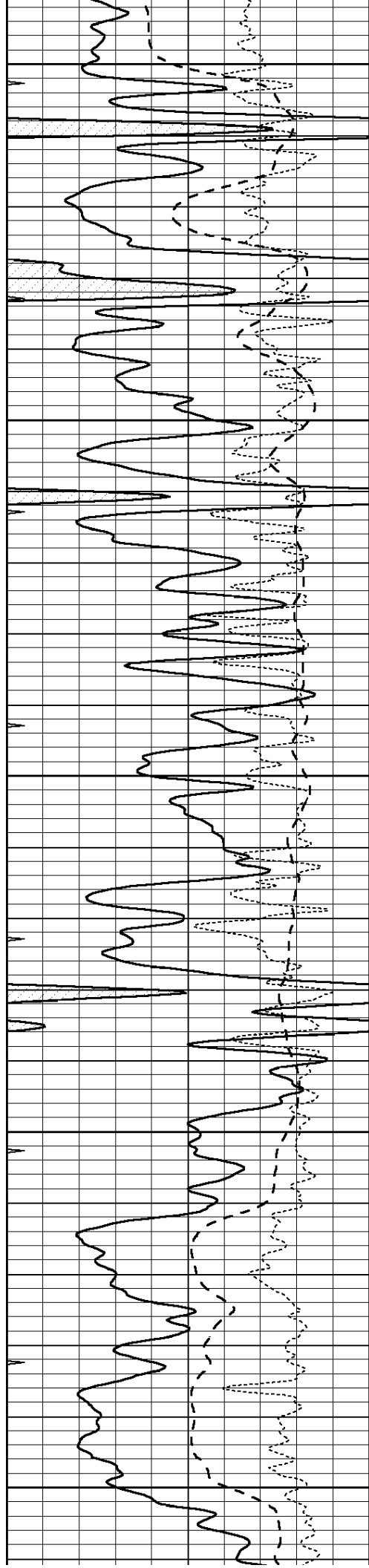
4650

4700

4750

4800





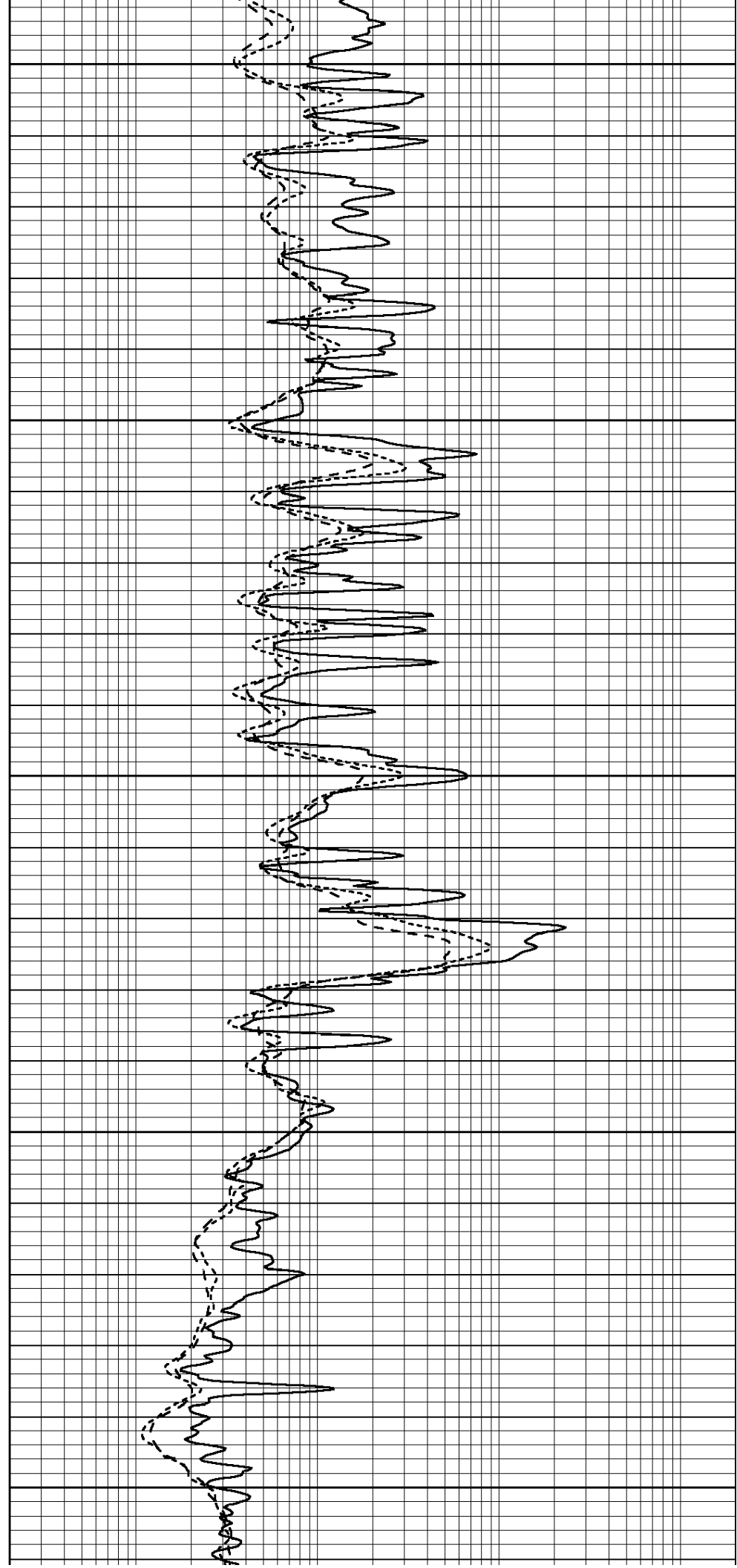
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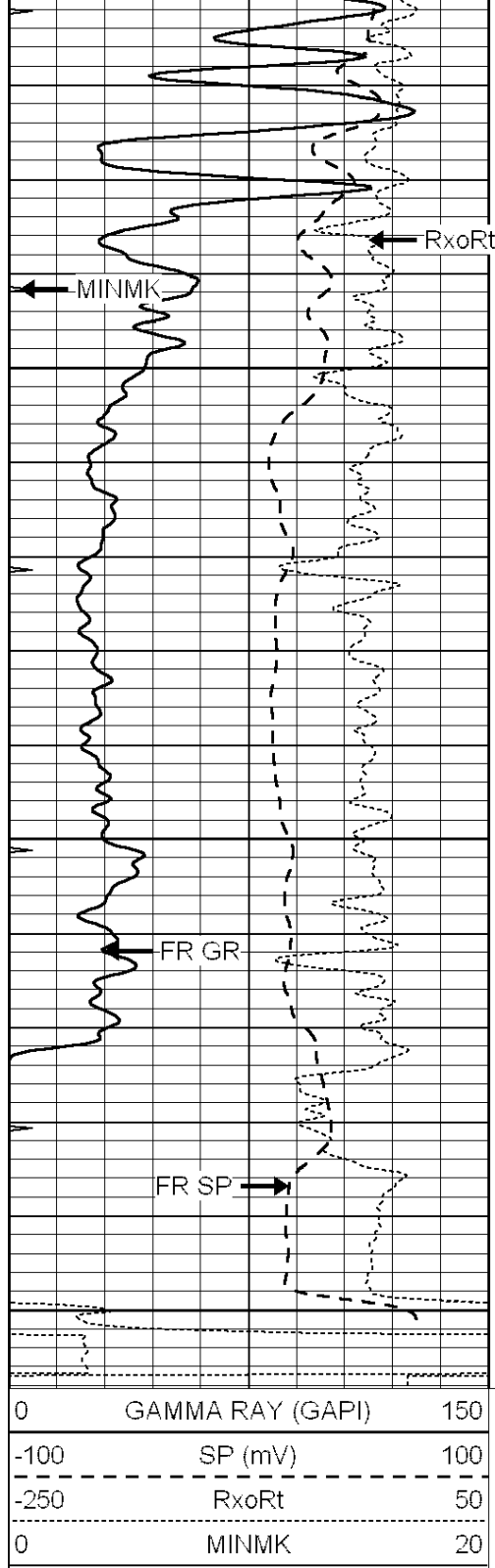
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4950

5000

5050

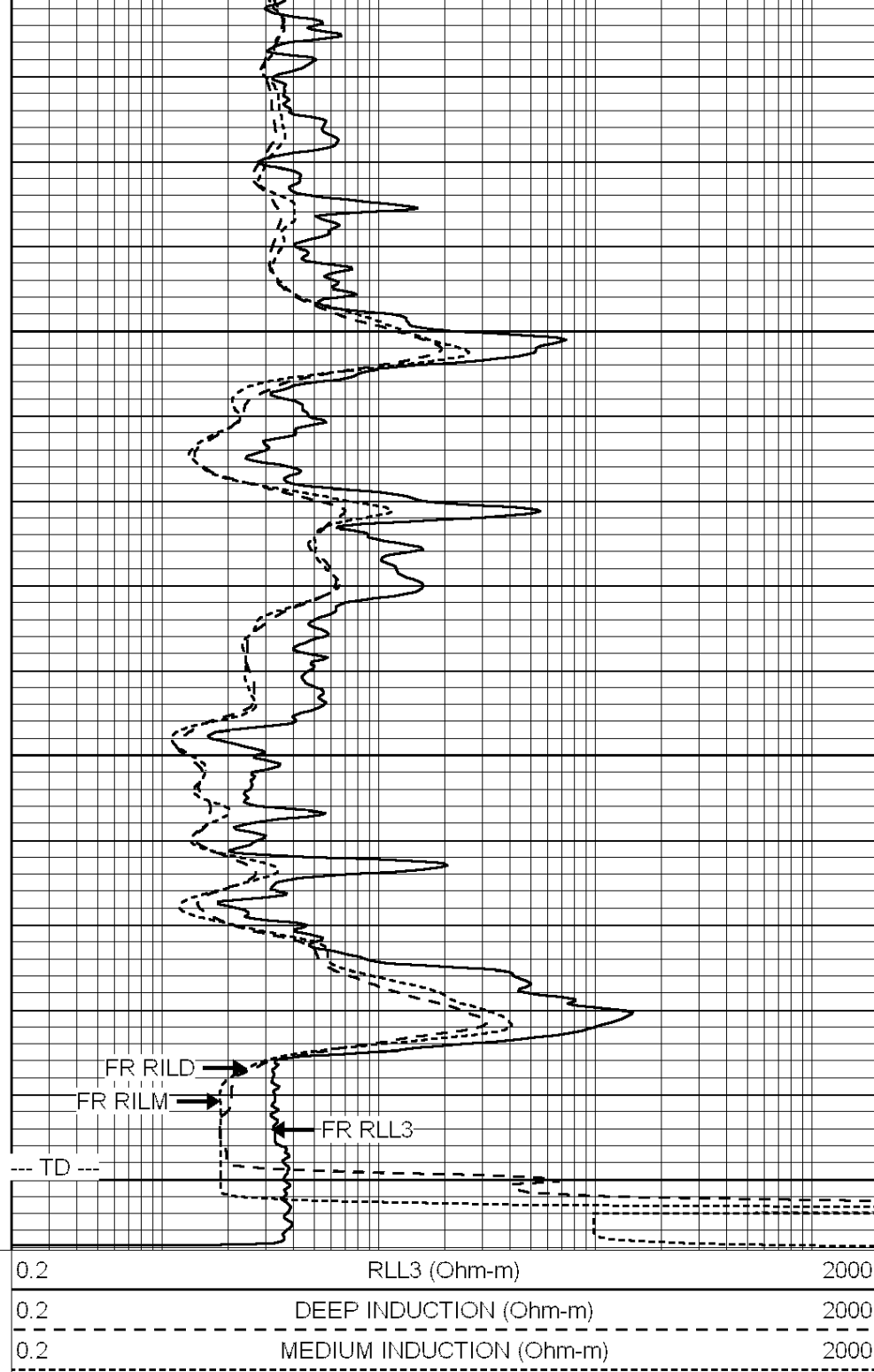




5100

5150

5200

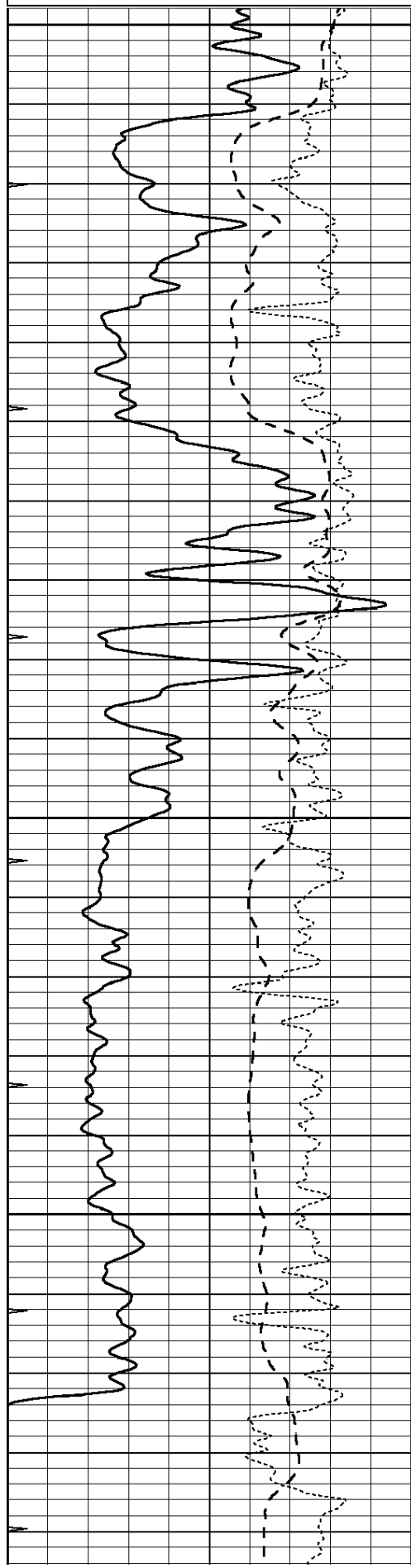


SUPERIOR
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REPEAT SECTION

Database File: 005630pdn.db
 Dataset Pathname: pass2.A
 Presentation Format: dil
 Dataset Creation: Sat Jul 24 18:34:50 2010
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	RxoRt	50
0	MINMK	20



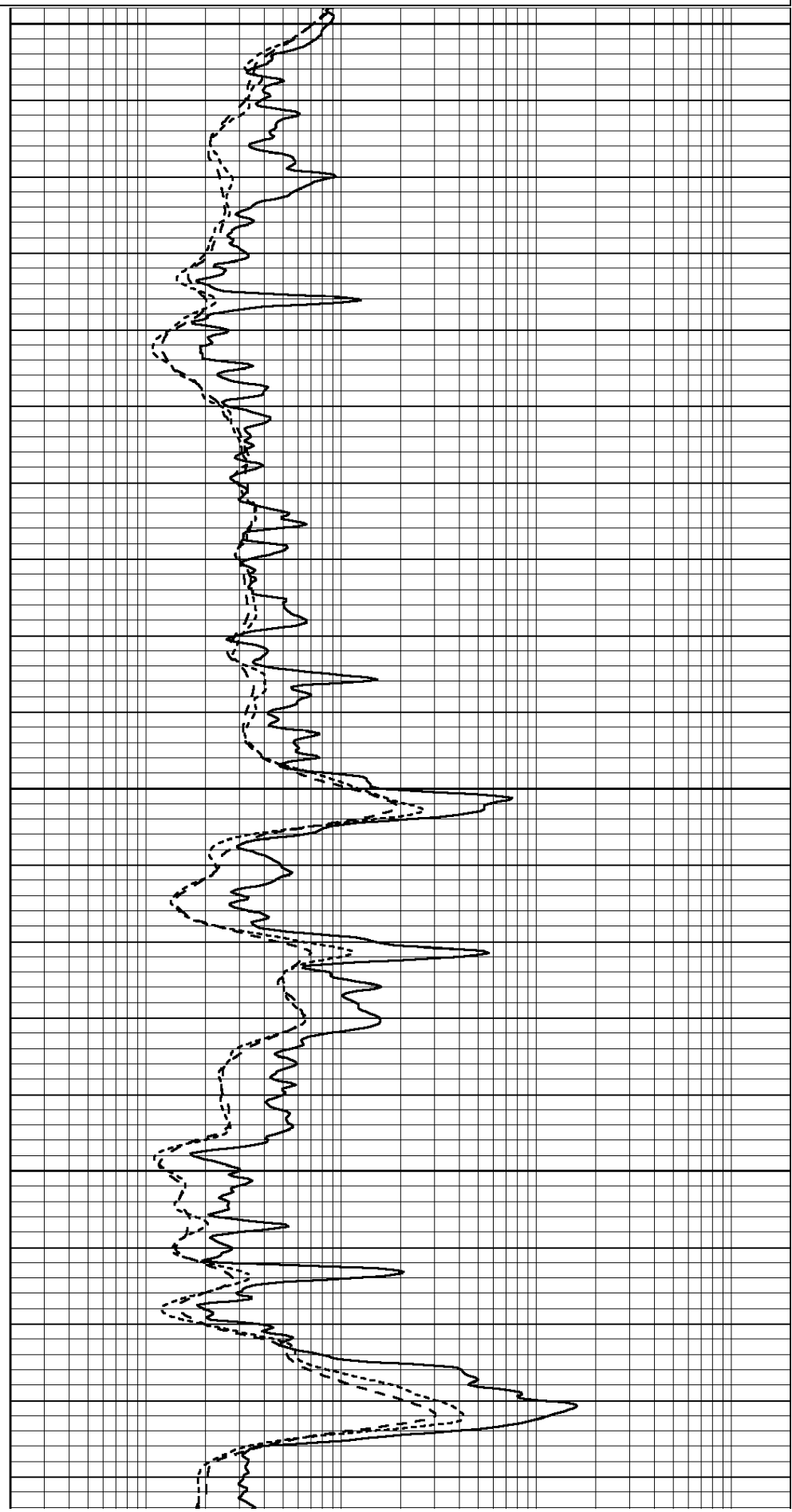
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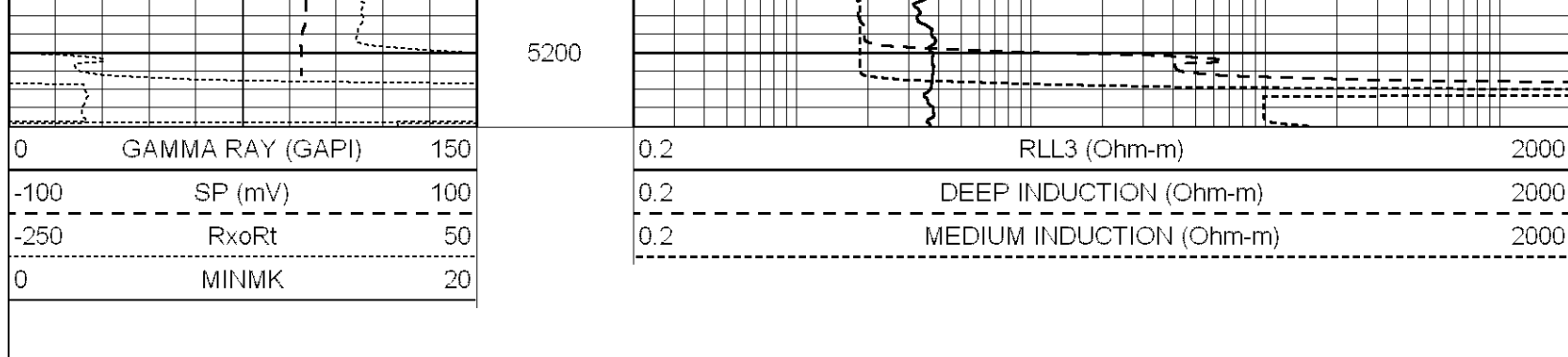
5050

5100

5150

0.2	RLL3 (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000





Calibration Report

Database File: 005630pdn.db
 Dataset Pathname: pass4.1A
 Dataset Creation: Sat Jul 24 18:13:05 2010

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
 Performed: Sat Jul 24 15:48:45 2010

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	530.000	-9.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	520.000	-14.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.006	0.655	V	0.000	400.000	mmho/m	615.668	-3.483
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064

Litho Density Calibration Report
 Serial: 002 Model: PRB
 Performed Tue Jul 03 11:12:28 2007

Litho Density Calibration					
	Background	Magnesium	Aluminum	Sandstone	
Window 1	1059.5	9172.0	2859.6	10210.6	cps
Window 2	976.0	7793.2	2486.1	8515.6	cps
Window 3	689.8	2930.5	1159.0	3096.2	cps
Window 4	231.9	237.2	231.1	234.0	cps
Long Space	0.0	6817.1	1510.1	7539.6	cps
Short Space	1.6	1758.1	1188.6	1898.8	cps
Rho		1.7100	2.5960	1.3800	g/cc
Pe			2.5700	1.5500	
Rib Angle	: 45.4	Rib Slope	: 1.015	Density/Spine Ratio	: 0.569
Spine Angle	: 75.4	Spine Slope	: 3.850	Spine Intercept	: -19.9

Caliper		
Low Ref	Readings	Reference
High Ref	2.8	8.9
	4.8	14.0
	Gain: 2.5	Offset: 1.9

Compensated Neutron Calibration Report

Serial Number: NEU_1I
 Tool Model: G

CALIBRATION

Detector	Readings		Target		Normalization
Short Space	1.00	cps	1.00	cps	1.0000
Long Space	1.00	cps	1.00	cps	1.0000
Gamma Ray Calibration Report					
Serial Number:	GR5				
Tool Model:	OPEN				
Performed:	Sat Jul 24 15:17:32 2010				
Calibrator Value:	1.0	GAPI			
Background Reading:	0.0	cps			
Calibrator Reading:	1.0	cps			
Sensitivity:	0.6400	GAPI/cps			