

DUAL
INDUCTION
LOG

Company PLATEAU OPERATING CORPORATION
Well SIMON #1-18
Field NA
County HAMILTON State KANSAS

Location: API #: 15-075-20907-0000
1320' FNL & 1320' FWL
SEC 18 TWP 25S RGE 40W
Permanent Datum GROUND LEVEL Elevation 3477
Log Measured From KELLY BUSHING 7' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL/PE
MEL/SON
Elevation
K.B. 3484
D.F. 3482
G.L. 3477

Date	1/29/22		
Run Number	ONE		
Depth Driller	2670		
Depth Logger	2667		
Bottom Logged Interval	2665		
Top Log Interval	00		
Casing Driller	8 5/8" @ 820		
Casing Logger	820		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2/36		
pH / Fluid Loss	8.5/10.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.60 @ 50F		
Rmf @ Meas. Temp	.45 @ 50F		
Rmc @ Meas. Temp	.72 @ 50F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.29 @ 103F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	103F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPELLUCCI	TJ DREILING	
Witnessed By	BILL KERRIGAN		

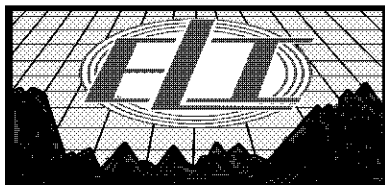
<<< Fold Here >>>

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

SYRACUSE, KS. - 5 SOUTH TO RD. 27 - 1/4 EAST - SOUTH INTO



MAIN SECTION

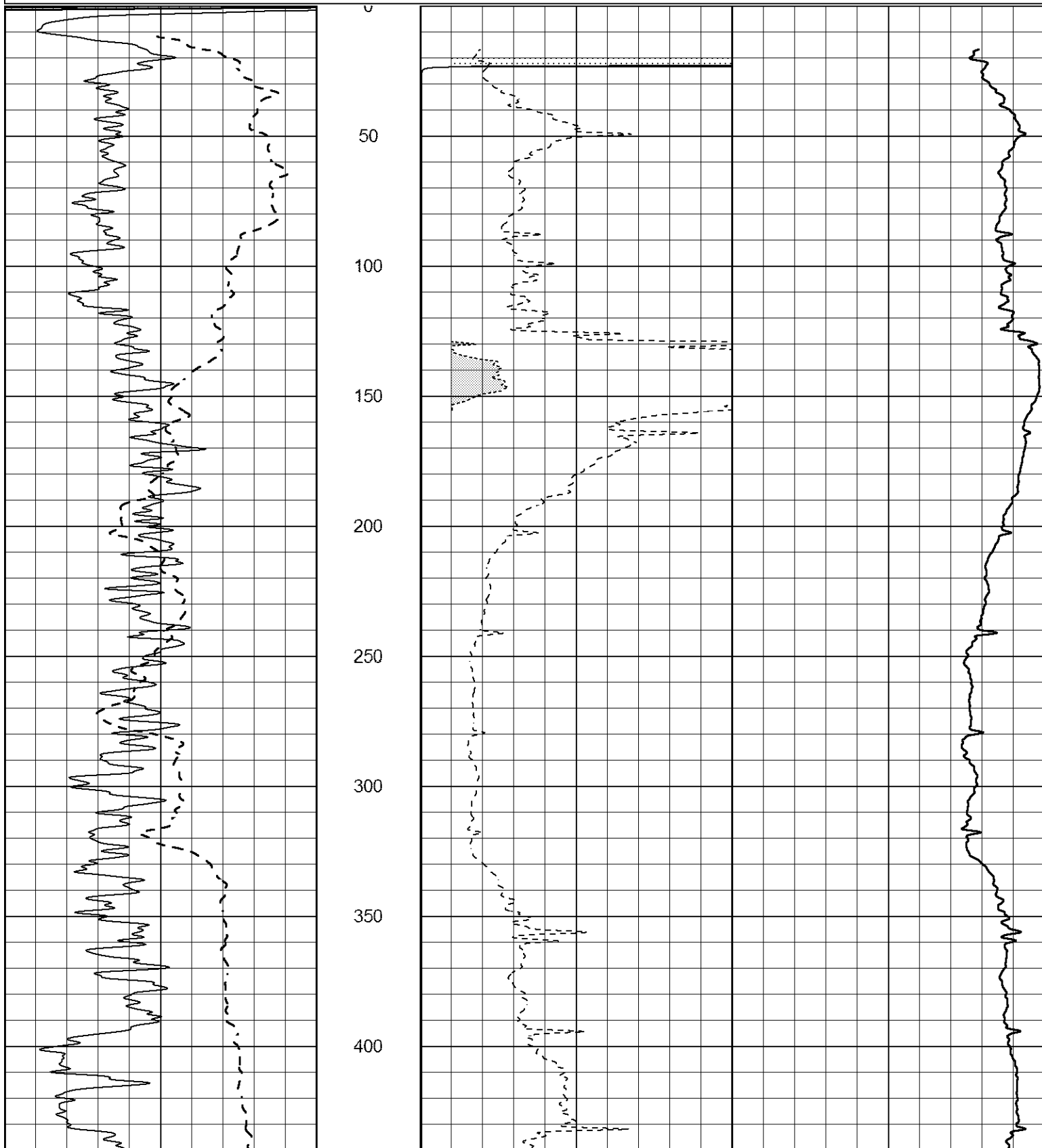
Database File 6233pe.db
Dataset Pathname pass4.2
Presentation Format _dil2
Dataset Creation Sat Jan 29 15:11:03 2022
Charted by Depth in Feet scaled 1:600

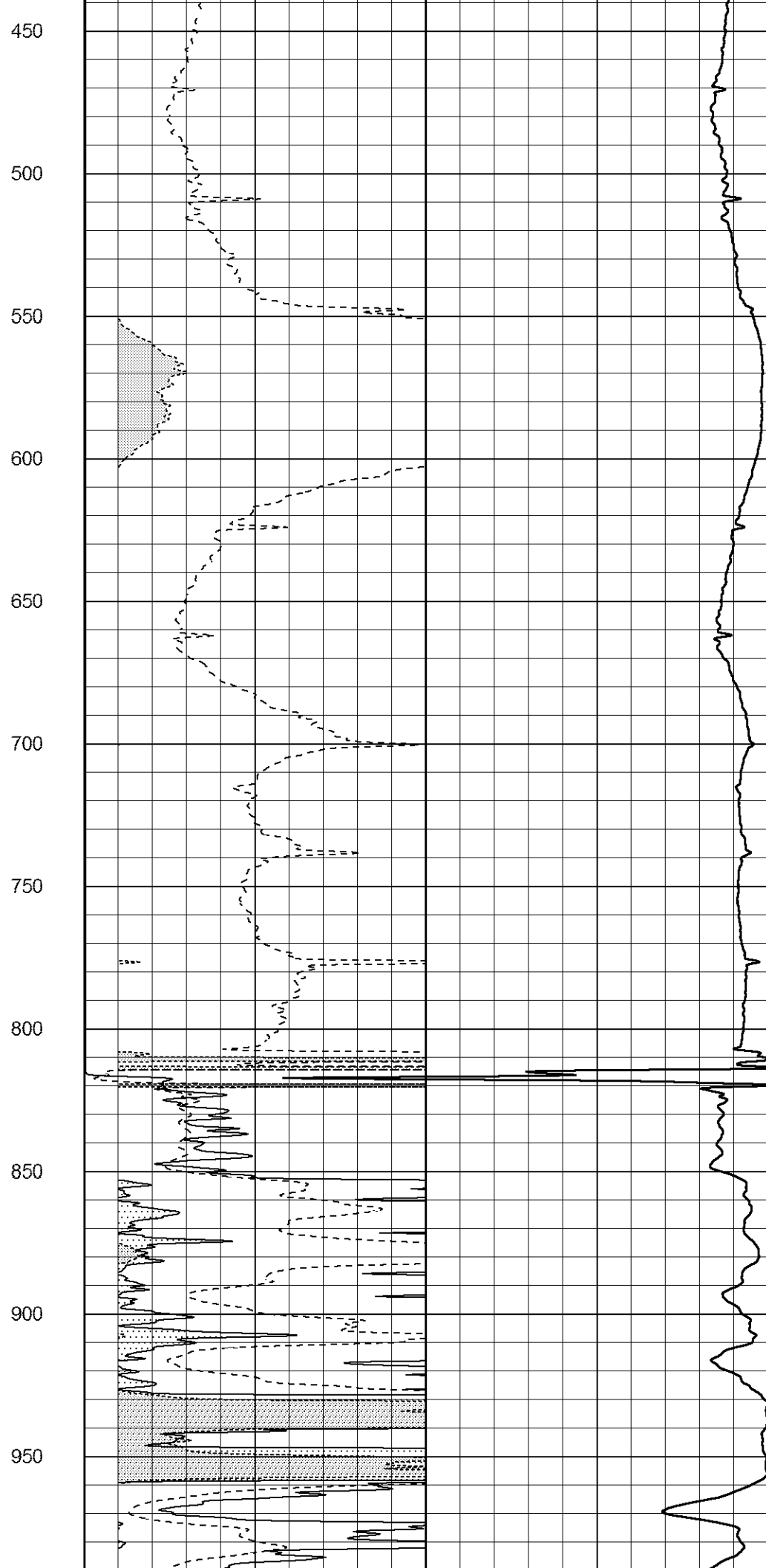
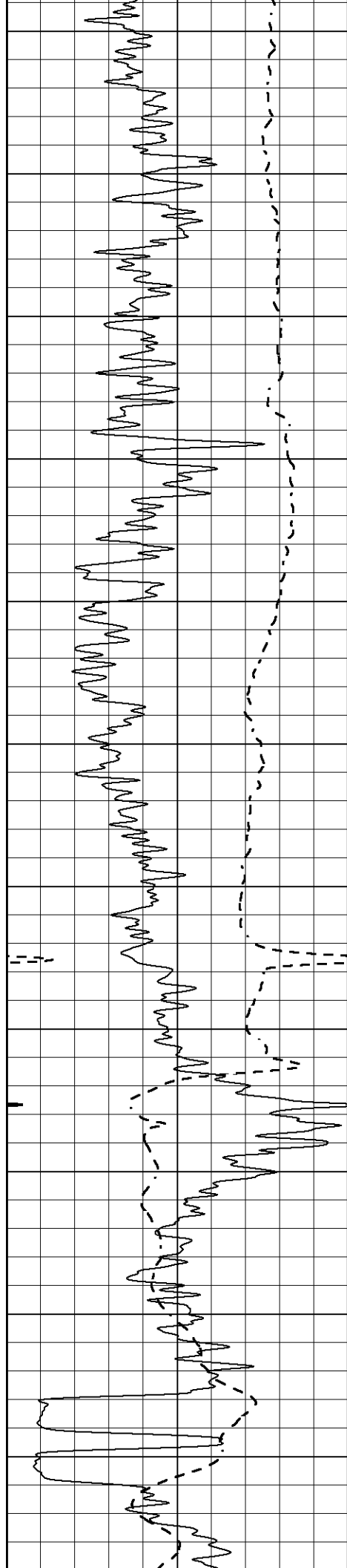
0 Gamma Ray (GAPI) 150
-100 SP (mV) 100

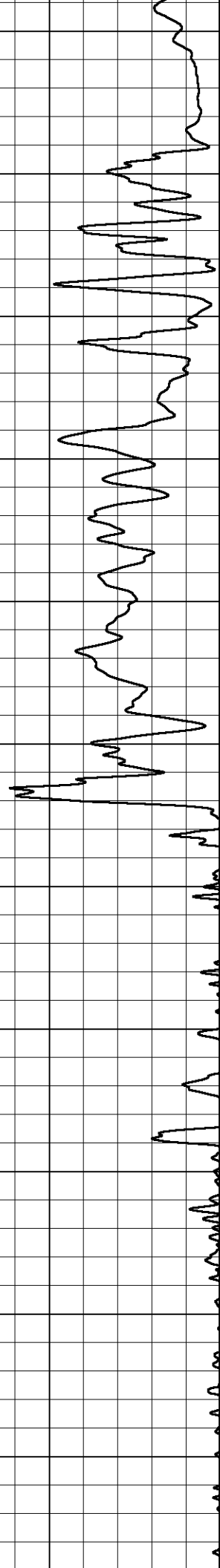
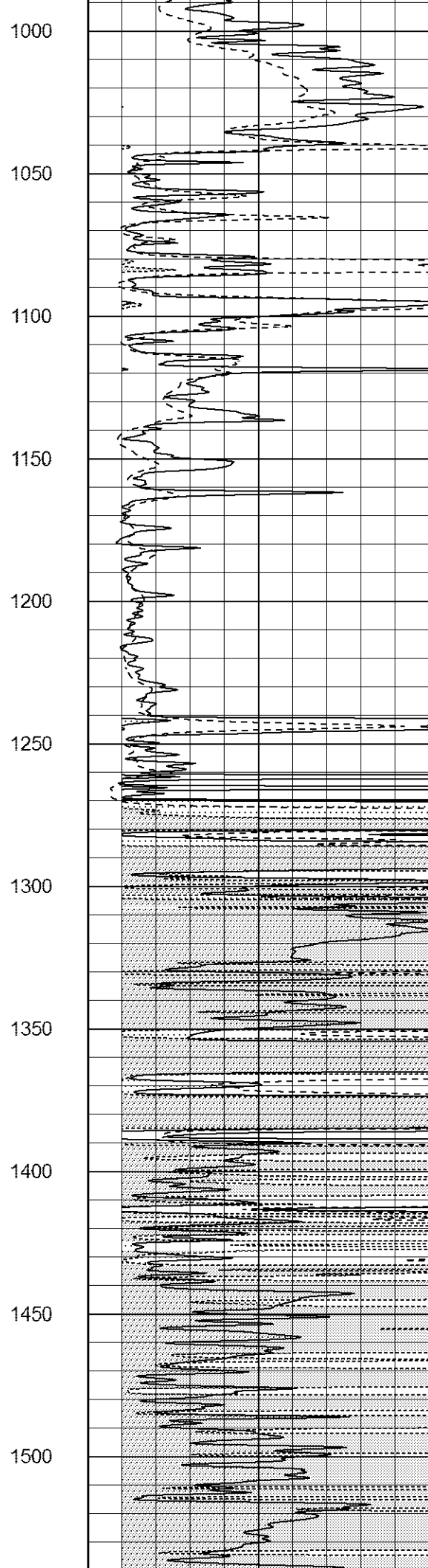
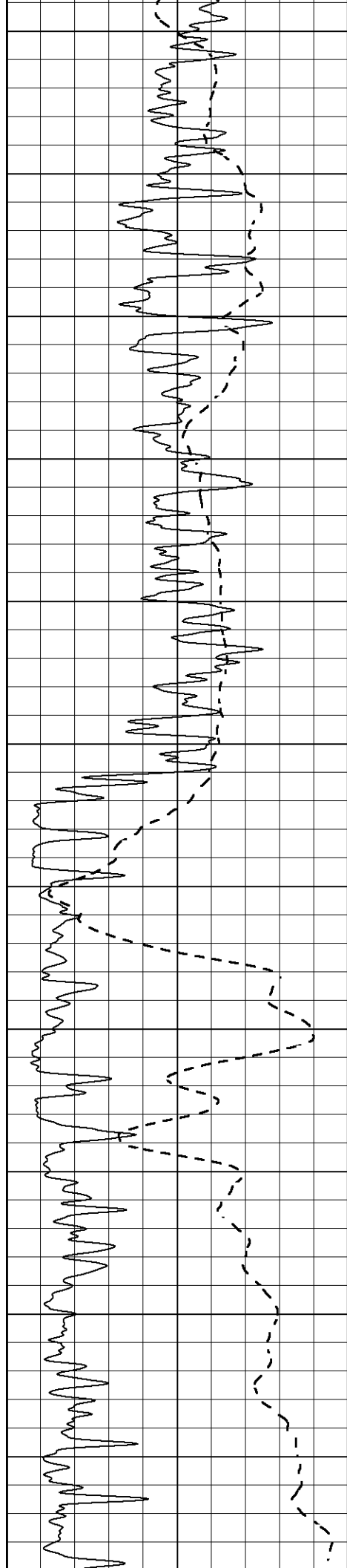
1000 CILD (mmho/m) 0
0 RLL3 (Ohm-m) 50
0 Deep Induction (Ohm-m) 50

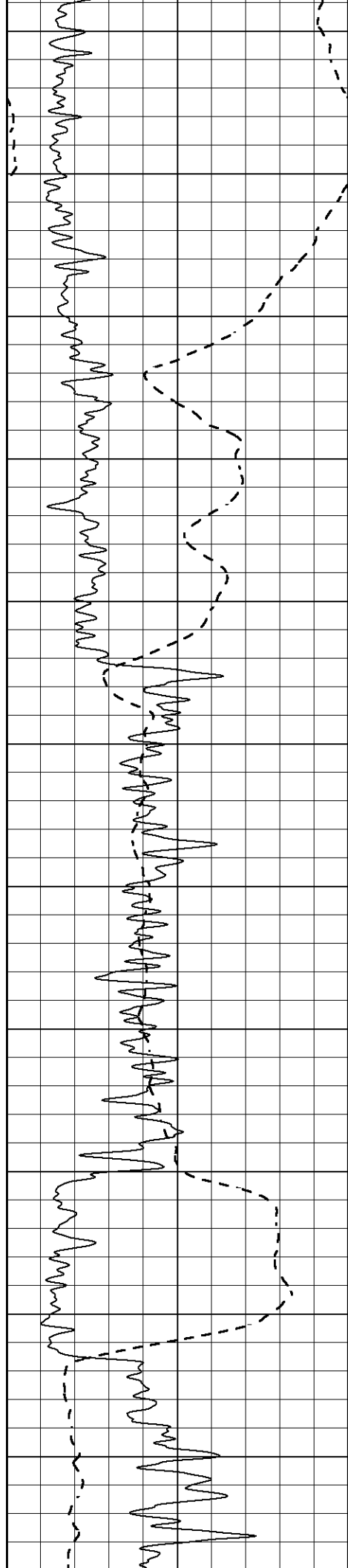
50 RILD X10 (Ohm-m) 500

50 RLL3 X10 (Ohm-m) 500









1550

1600

1650

1700

1750

1800

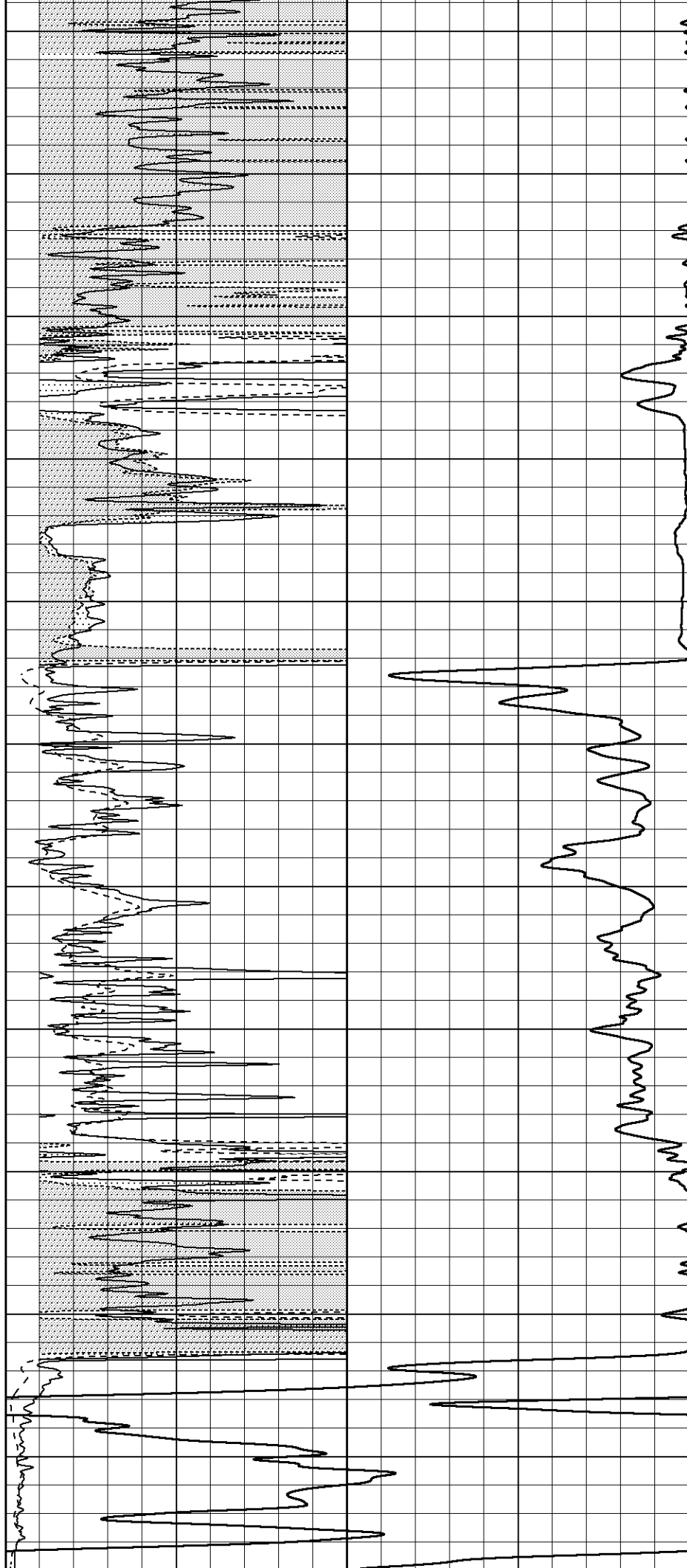
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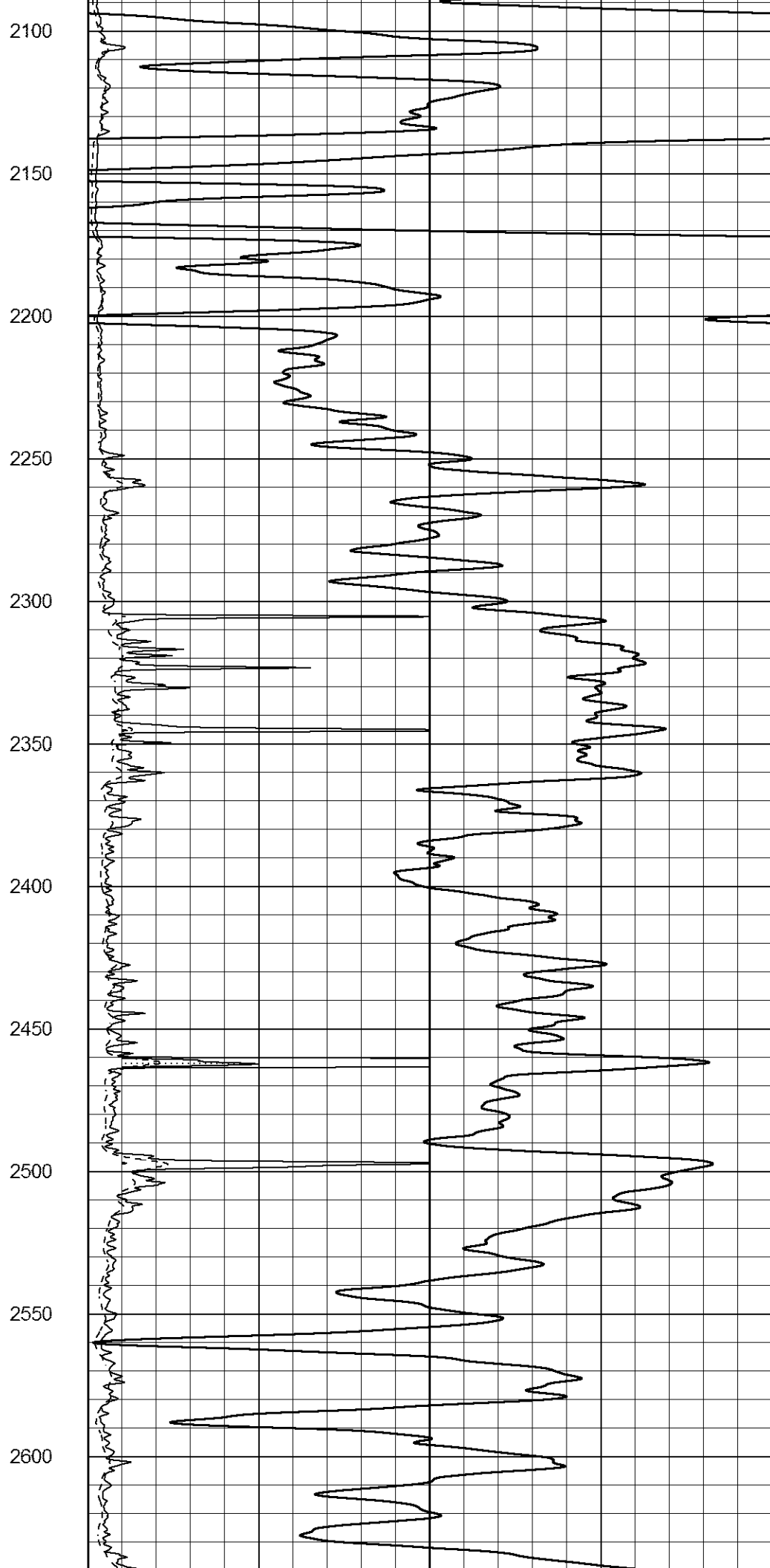
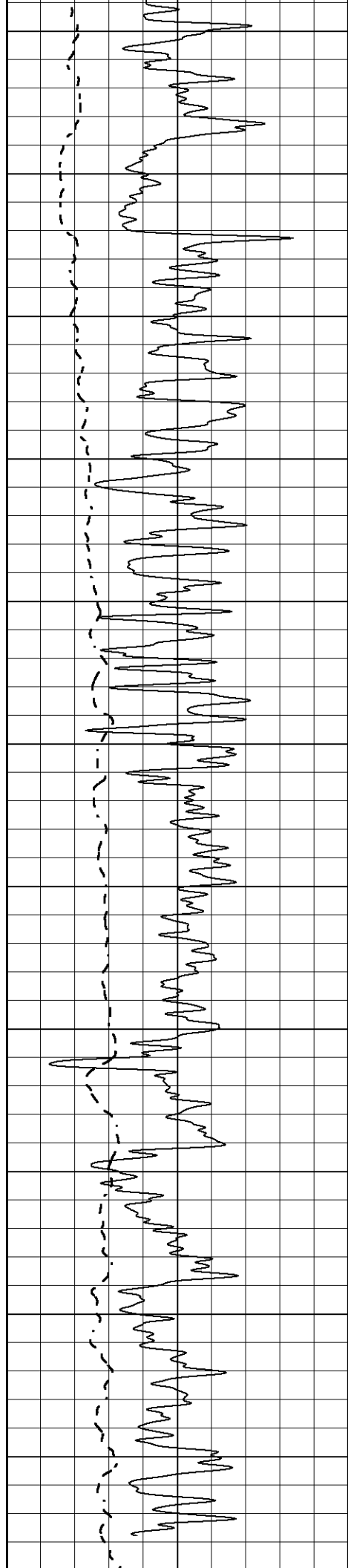
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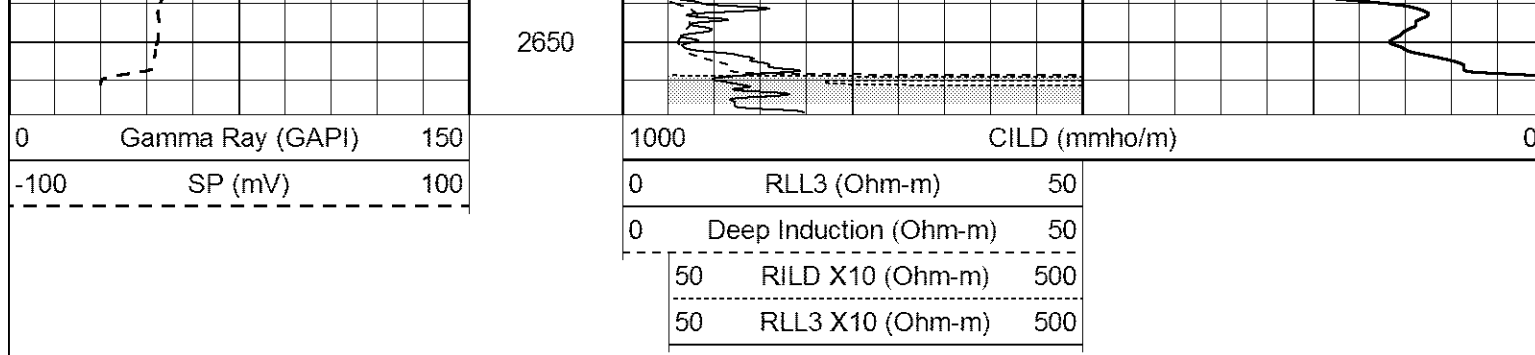
1950

2000

2050



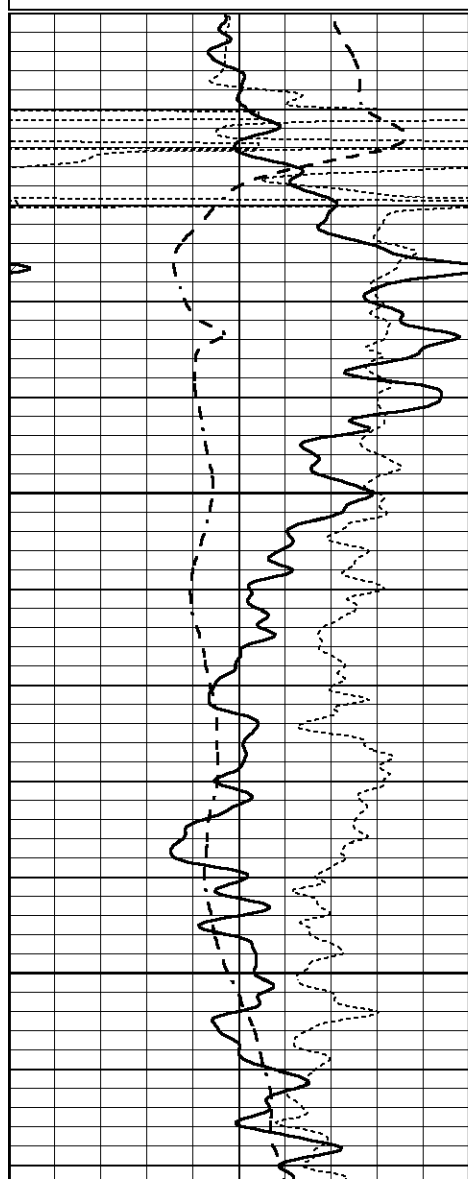




MAIN SECTION

Database File 6233pe.db
 Dataset Pathname pass4.1
 Presentation Format _dil
 Dataset Creation Sat Jan 29 13:43:24 2022
 Charted by Depth in Feet scaled 1:240

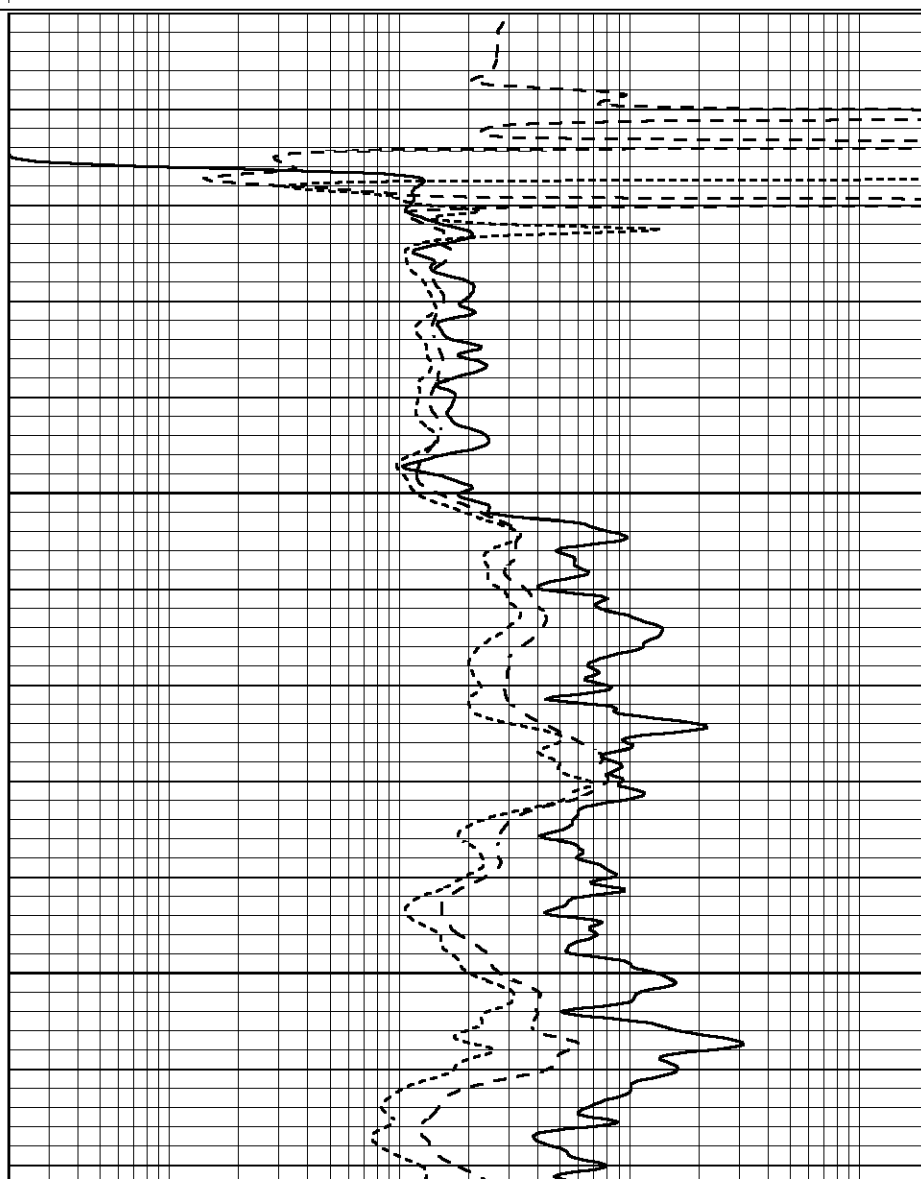
0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	MEDIUM INDUCTION (Ohm-m)	2000
-250	Rxo/Rf	50	0.2	DEEP INDUCTION (Ohm-m)	2000

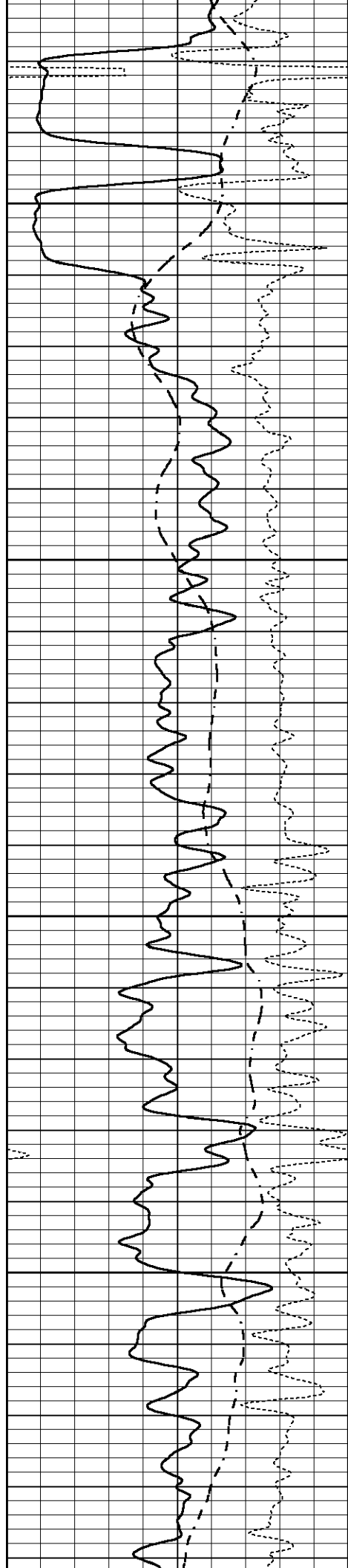


800

850

900



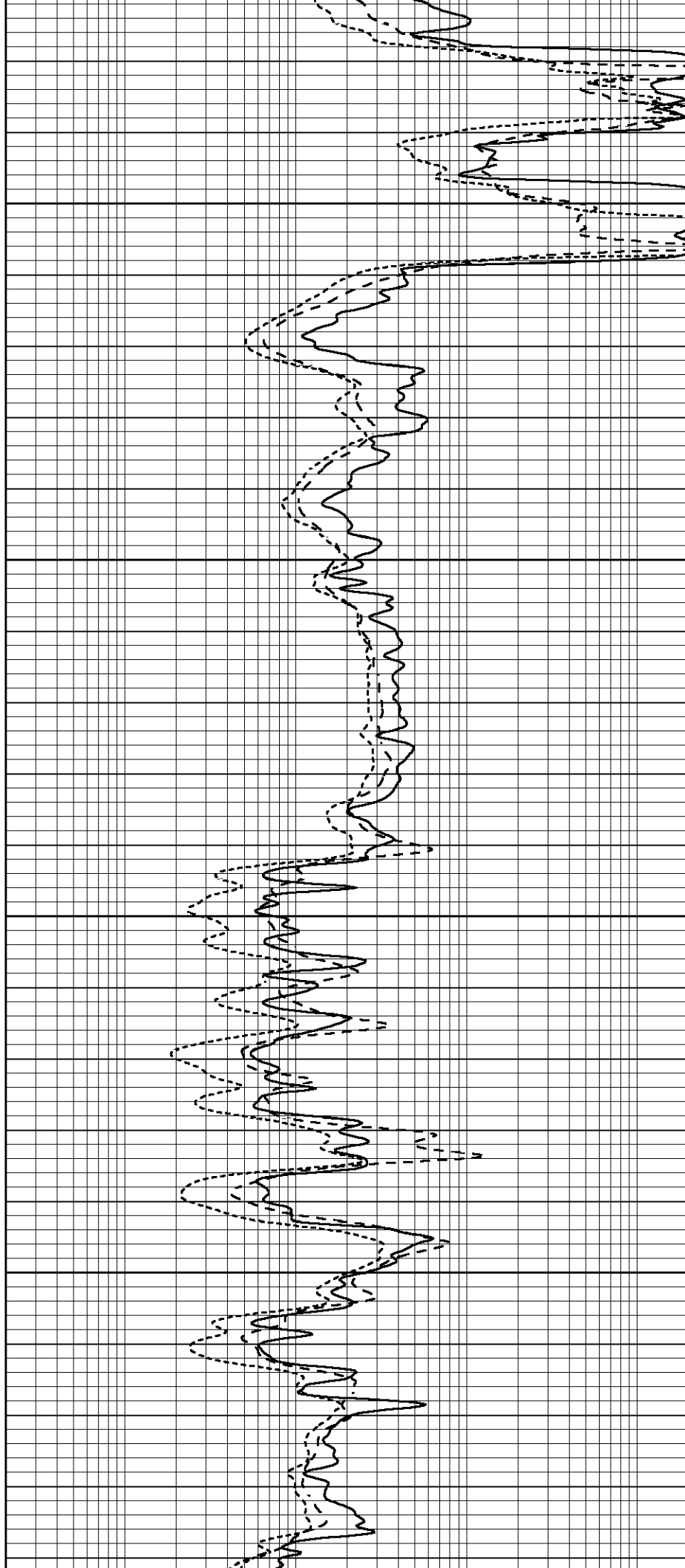


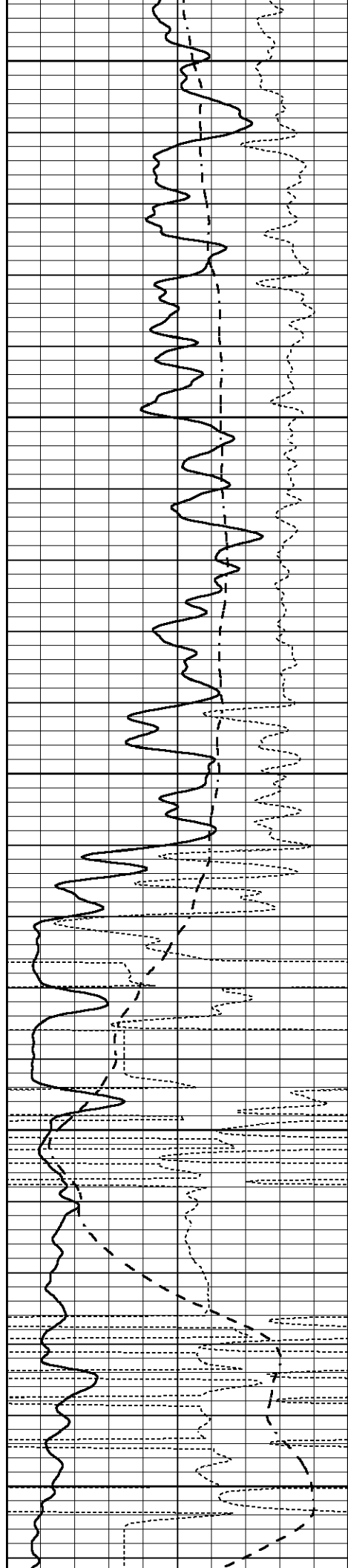
950

1000

1050

1100





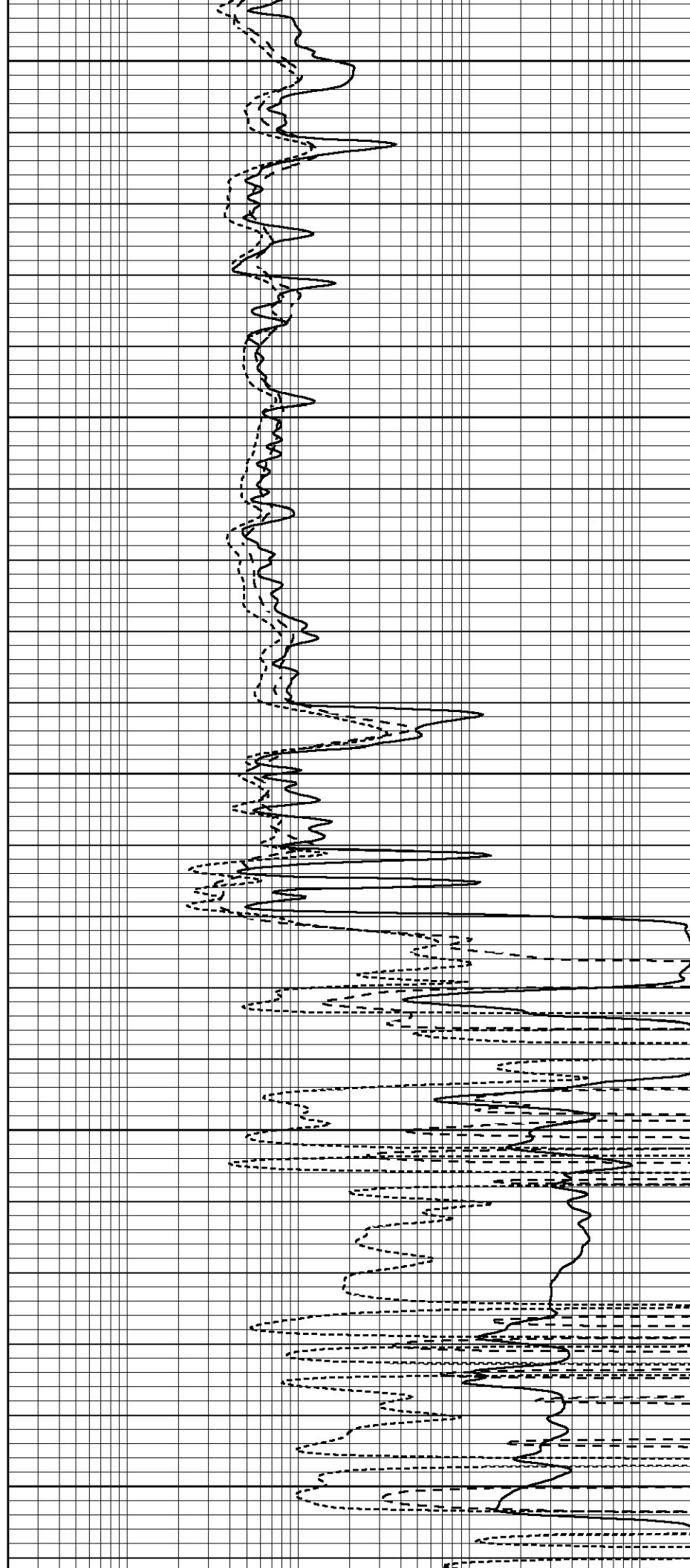
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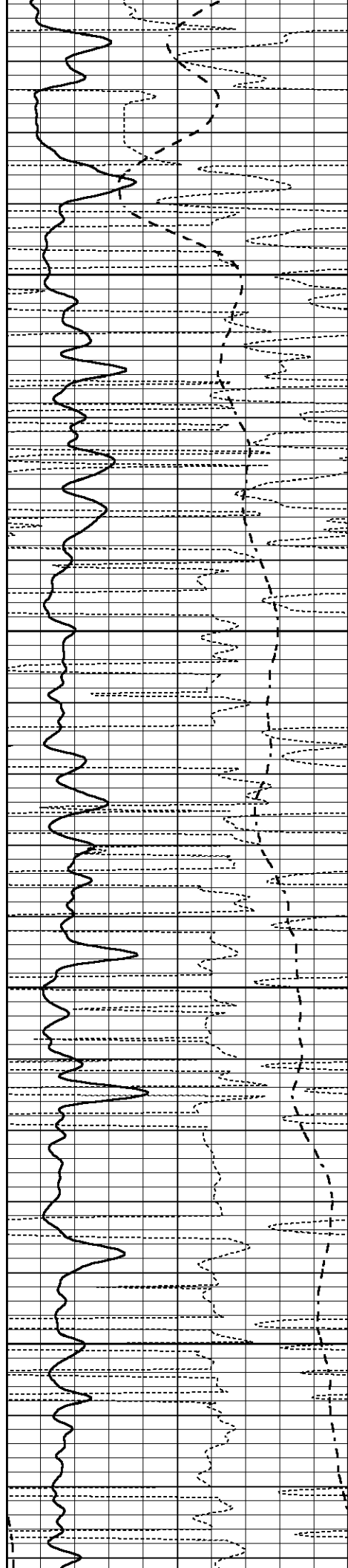
1200

1250

1300

1350



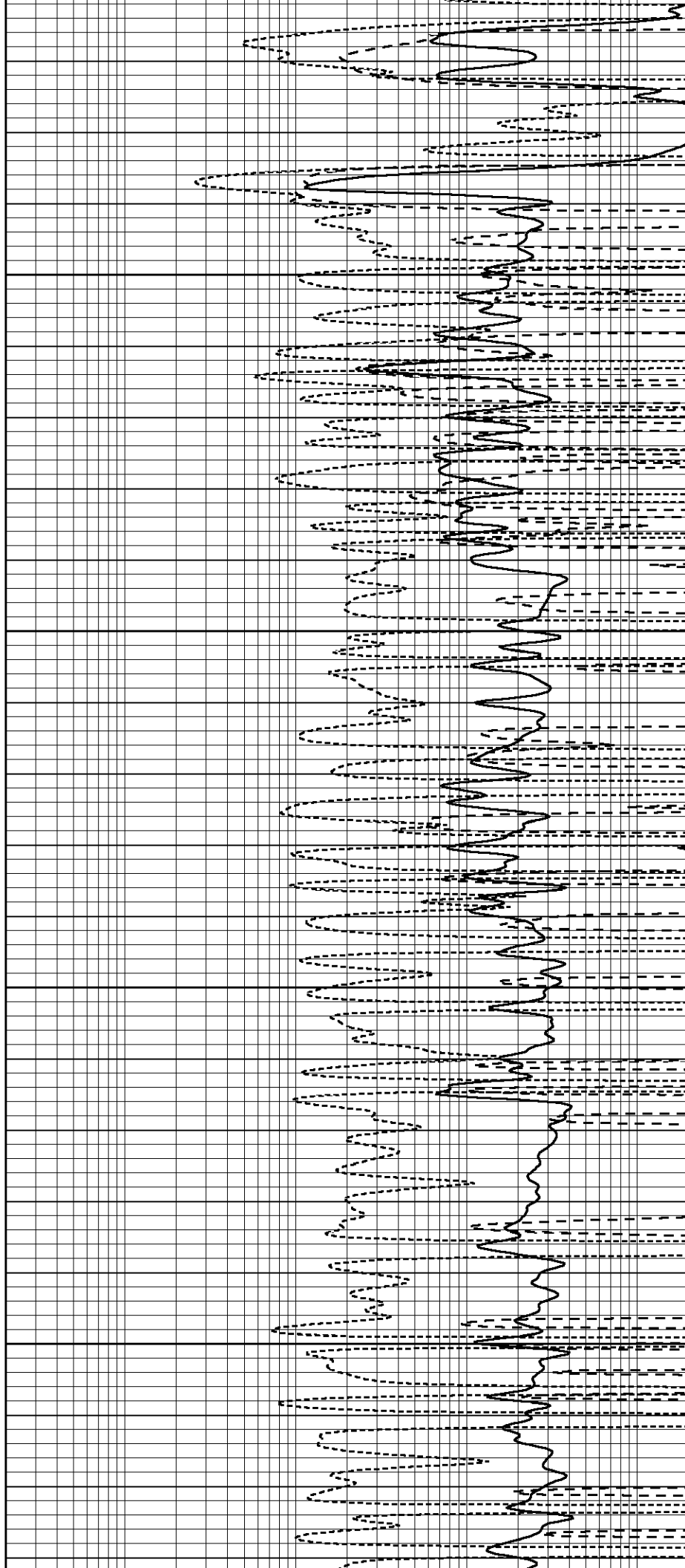


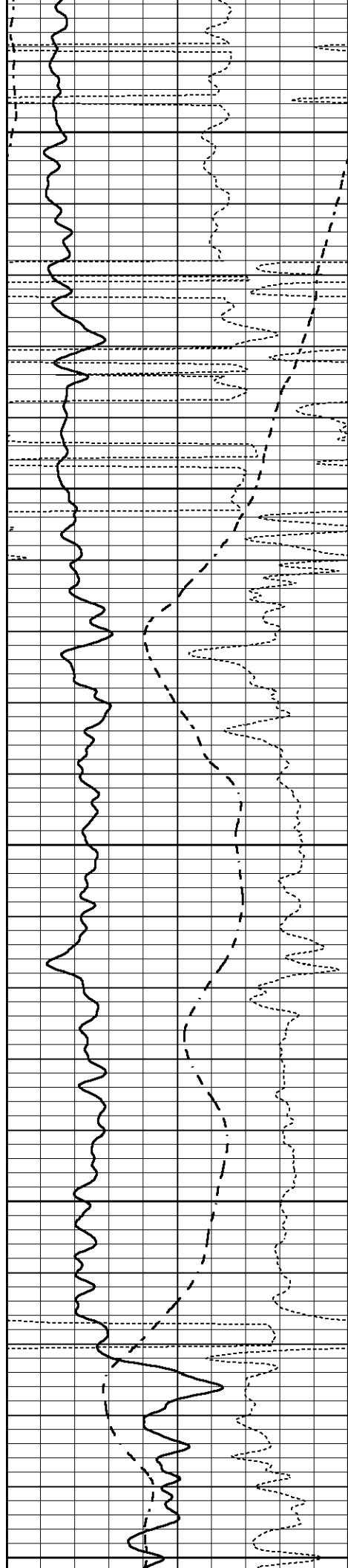
1400

1450

1500

1550





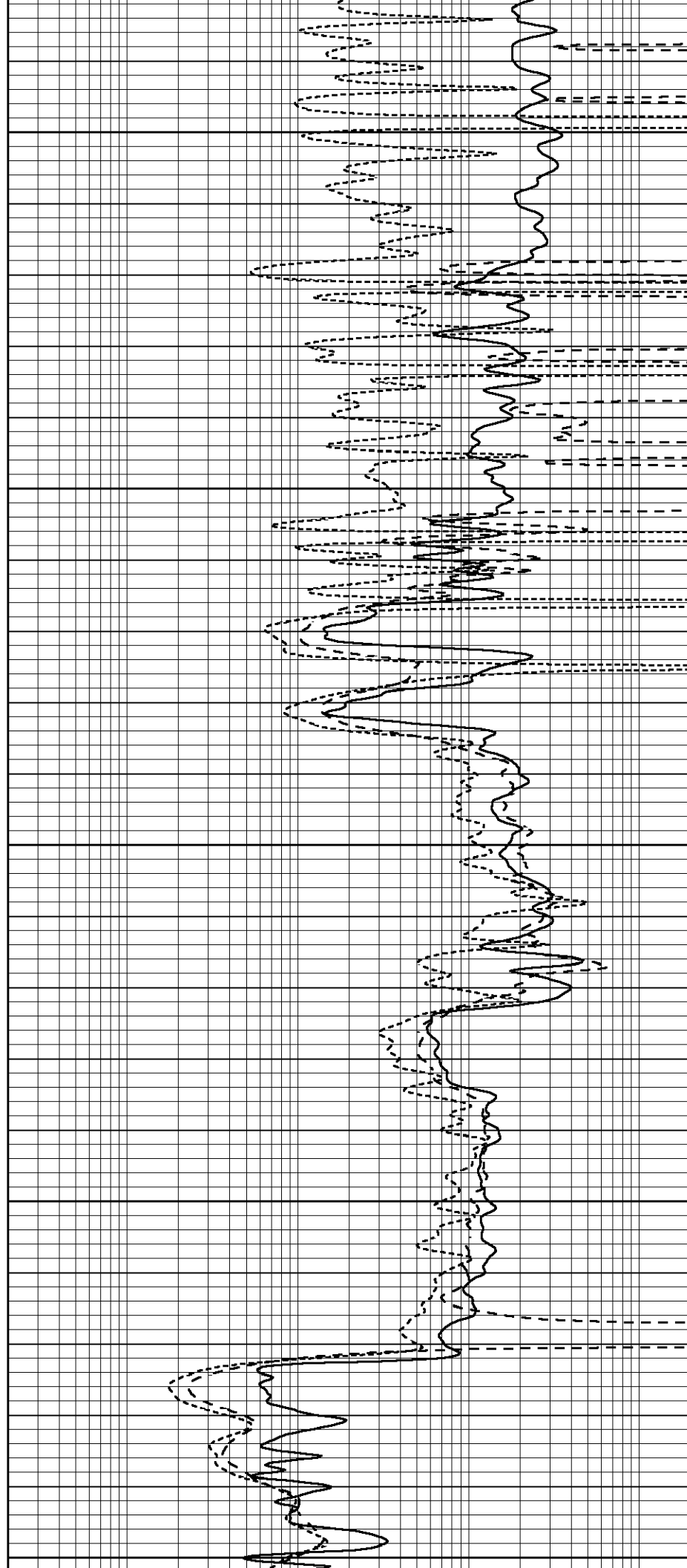
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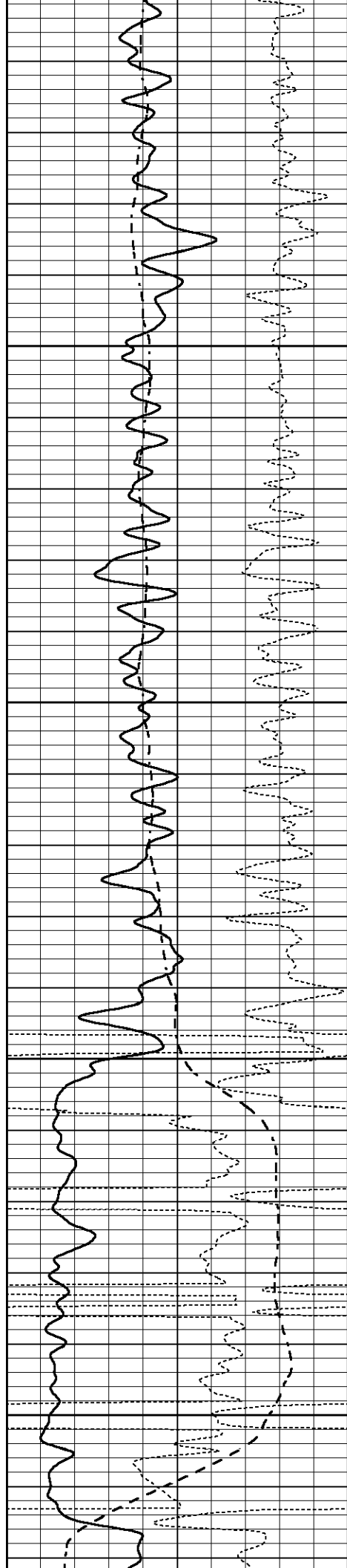
1650

1700

1750

1800



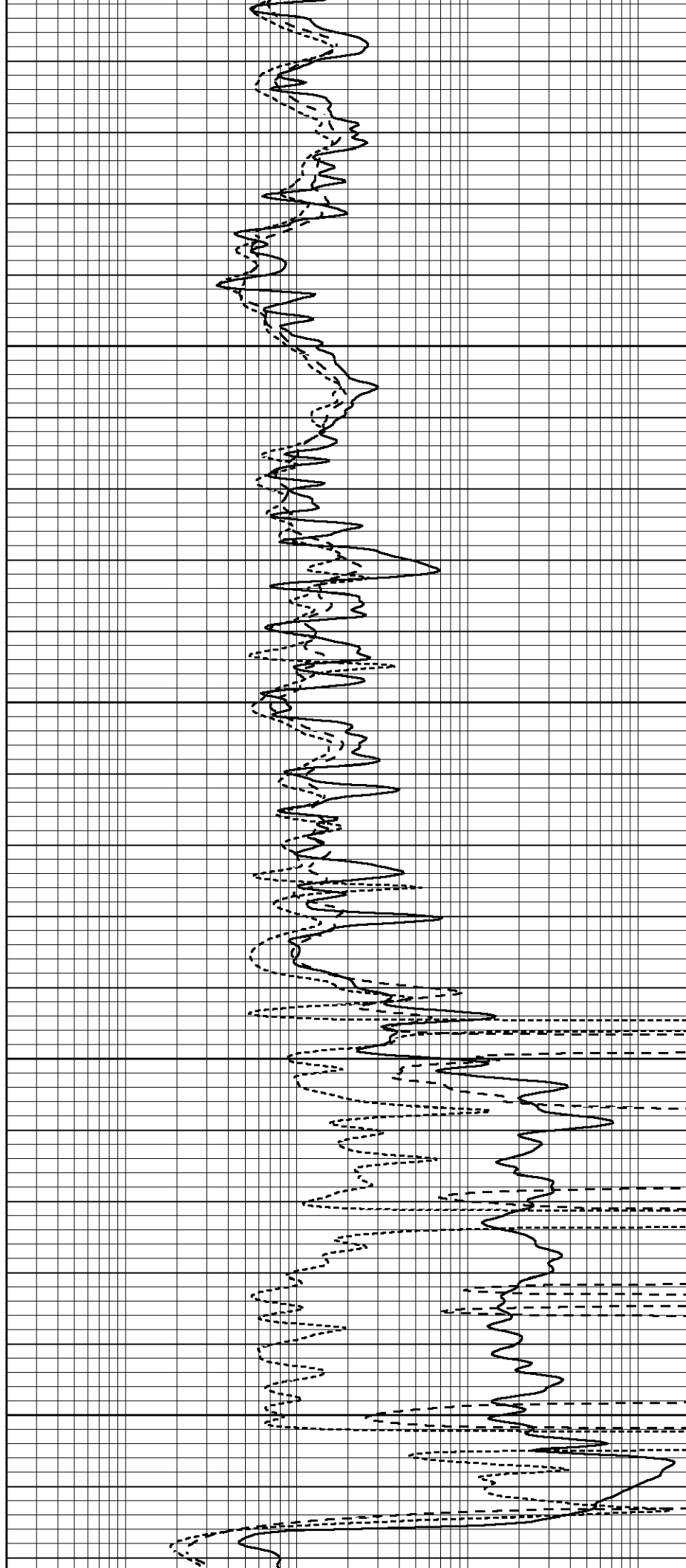


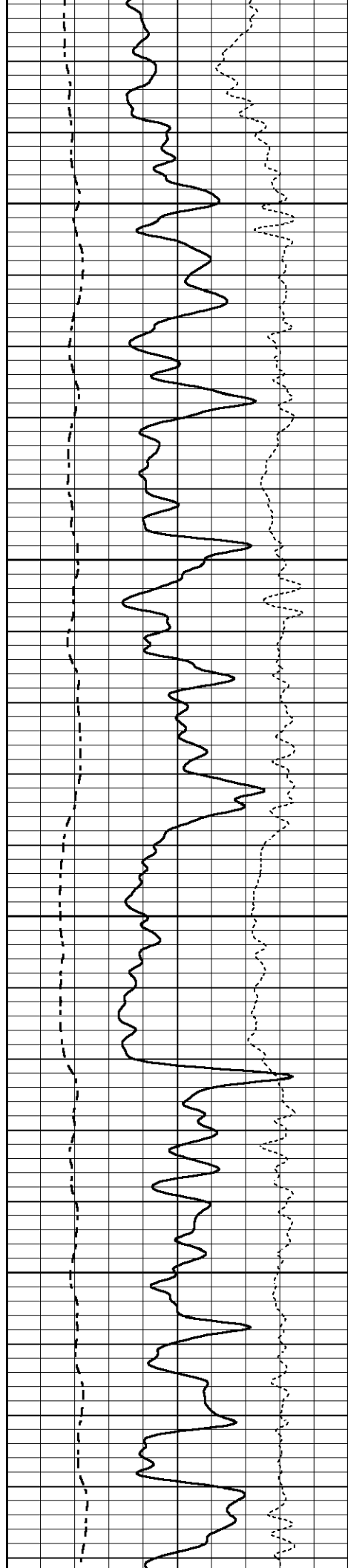
1850

1900

1950

2000



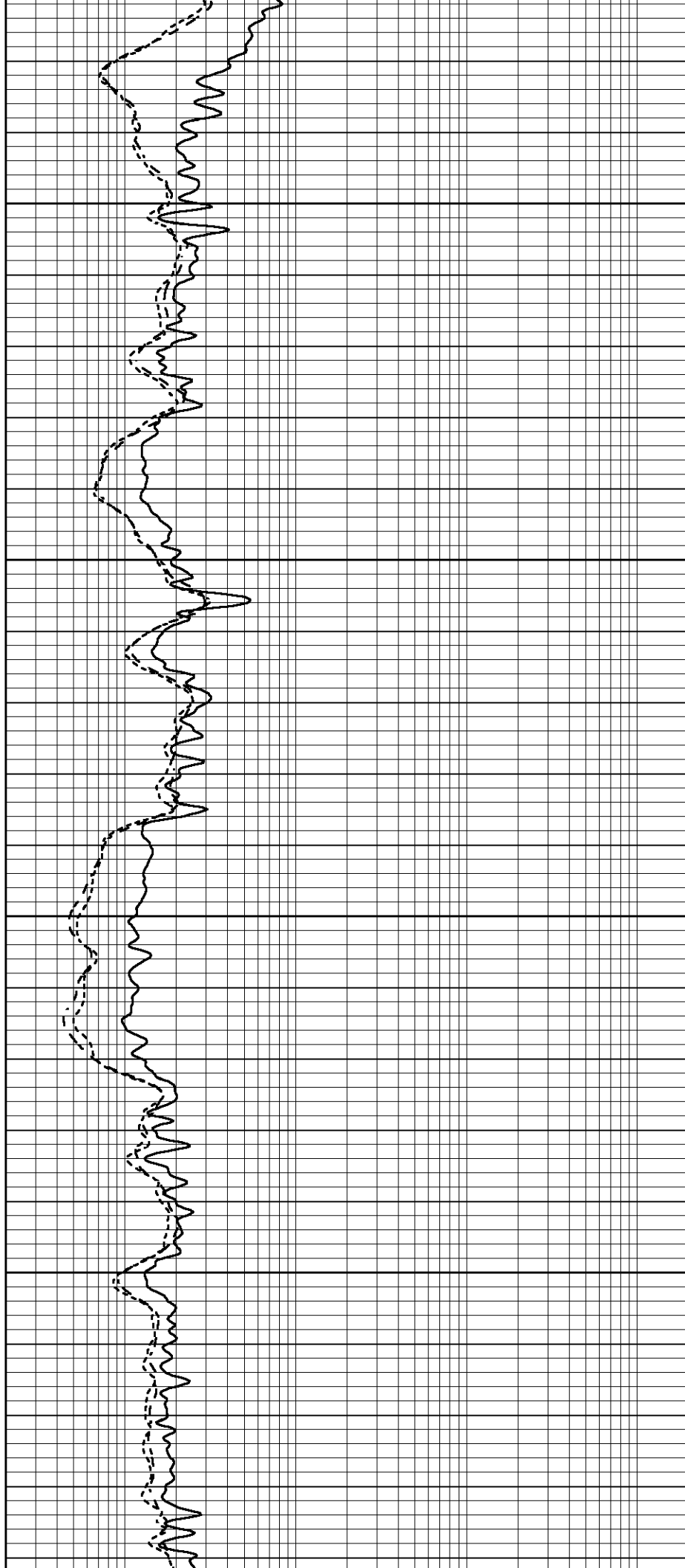


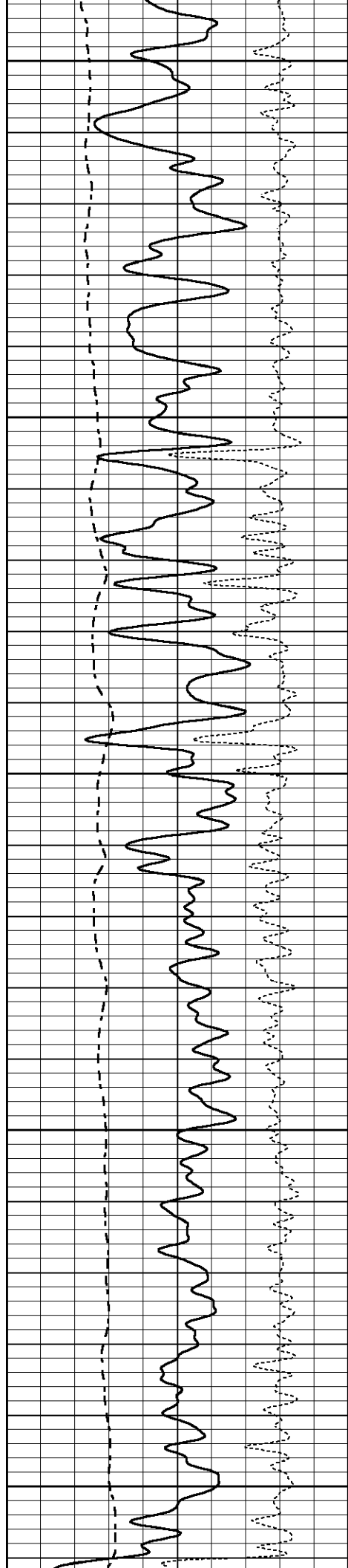
2050

2100

2150

2200





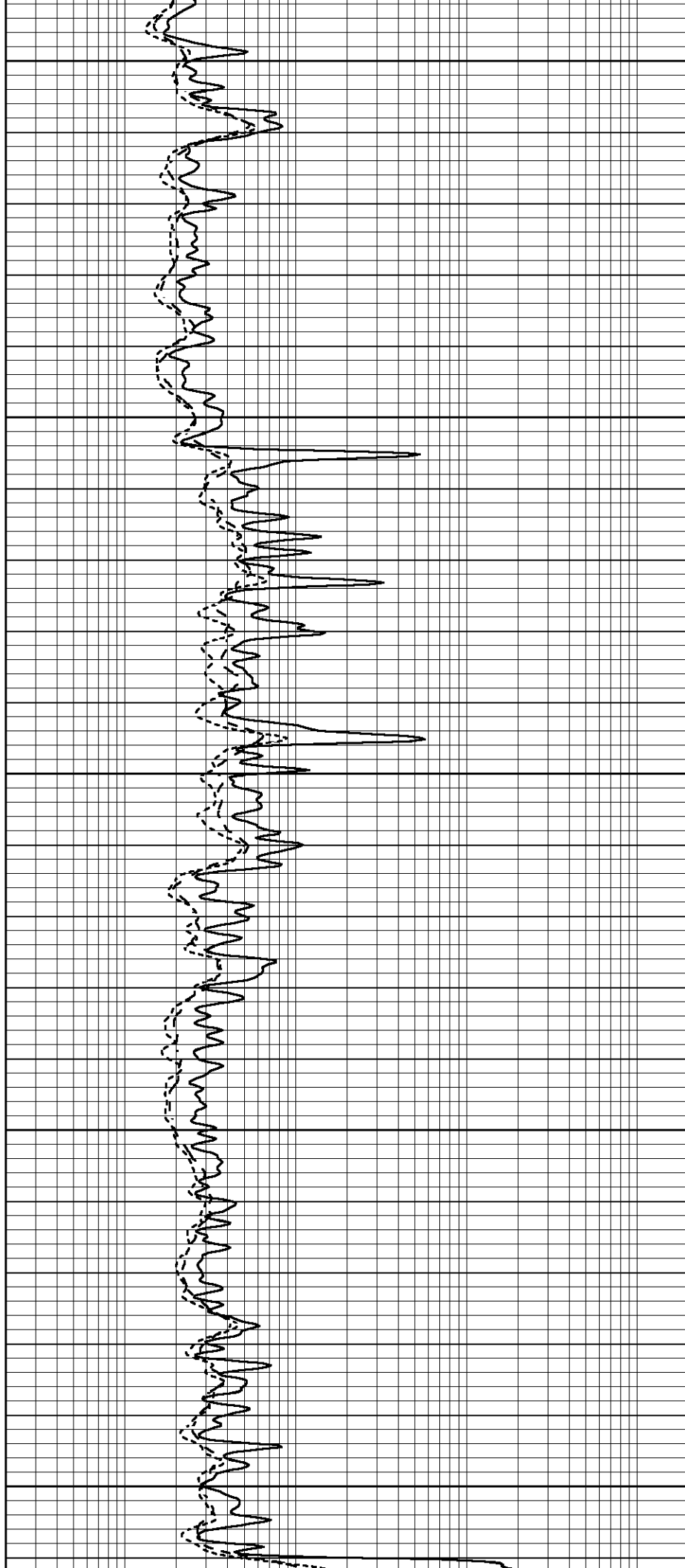
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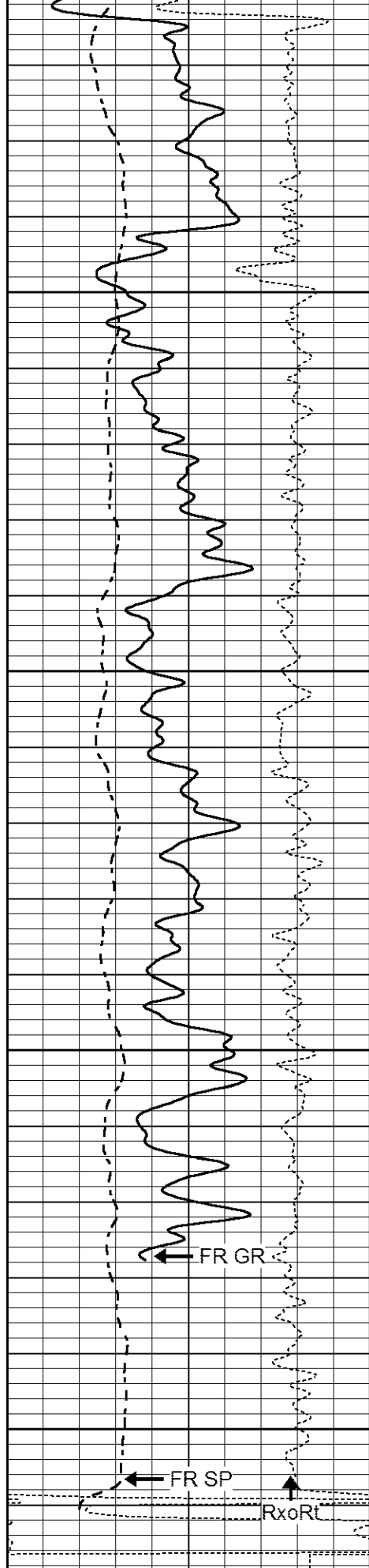
2300

2350

2400

2450





2500

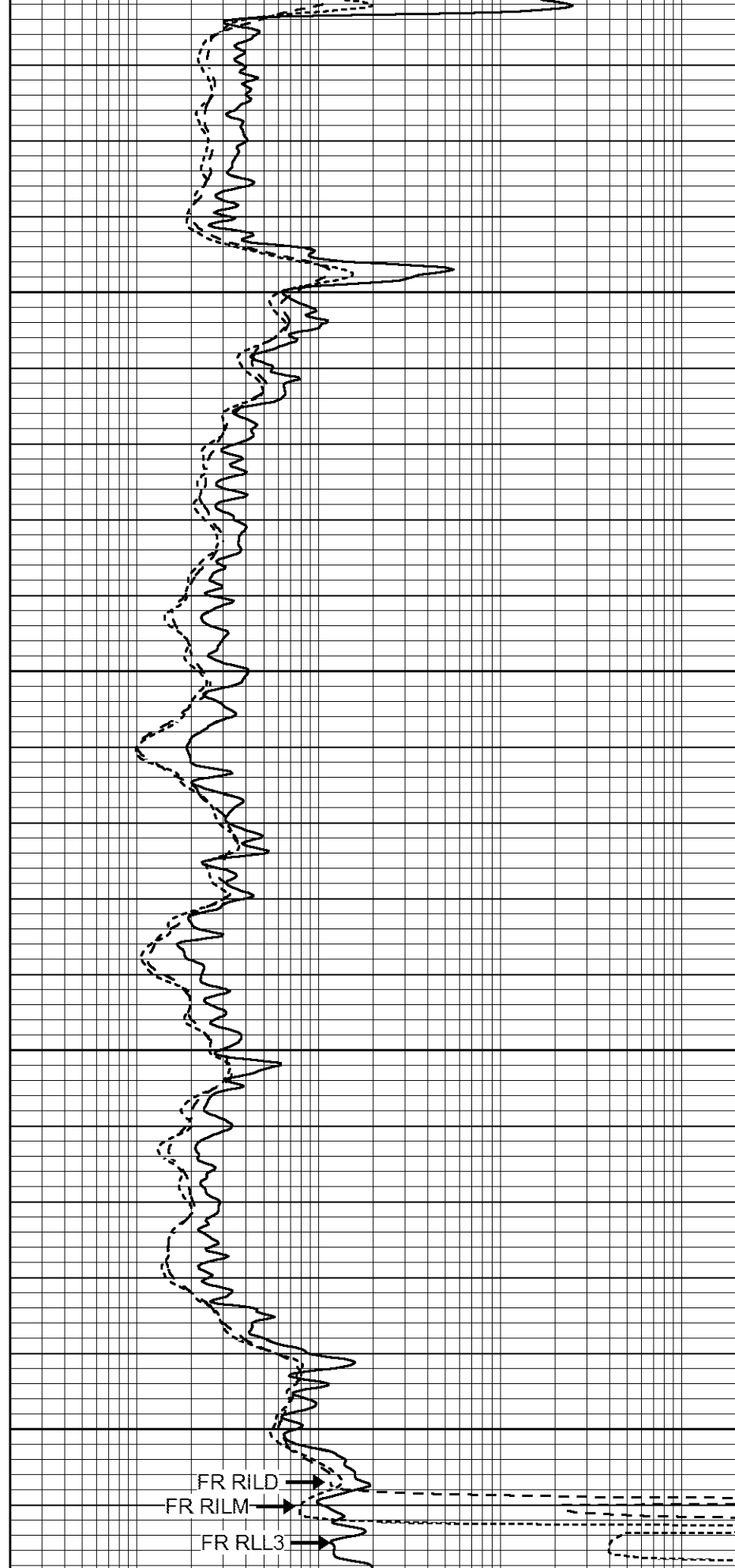
2550

2600

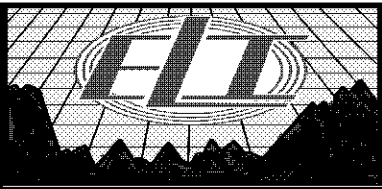
2650

LTD 2667

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

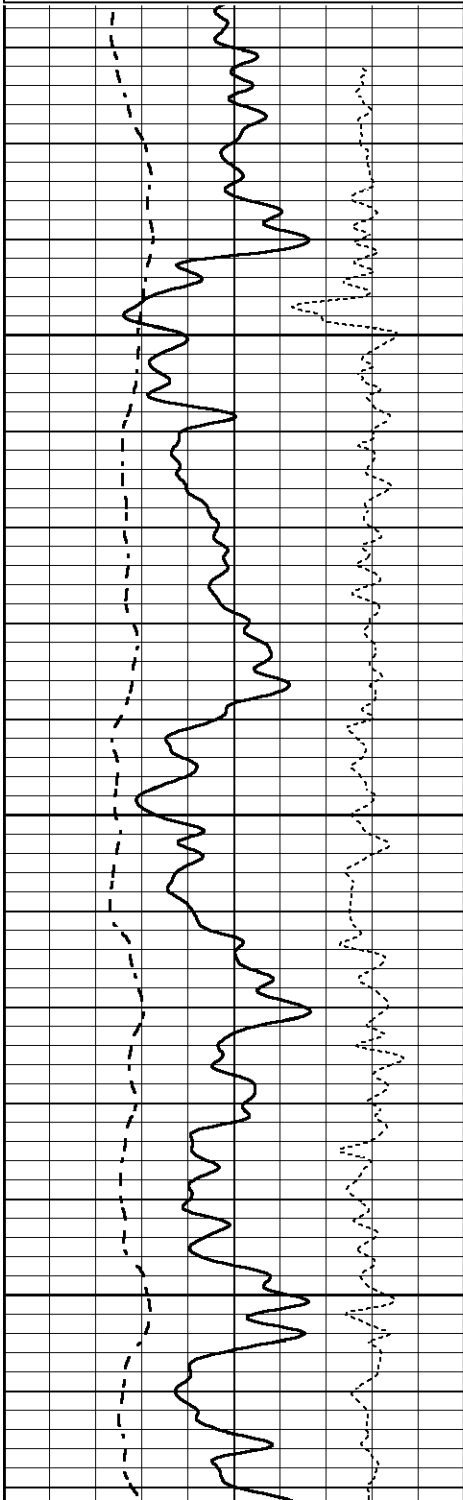


REPEAT SECTION

Database File 6233pe.db
Dataset Pathname pass3.1
Presentation Format _dil
Dataset Creation Sat Jan 29 13:42:22 2022
Charted by Depth in Feet scaled 1:240

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

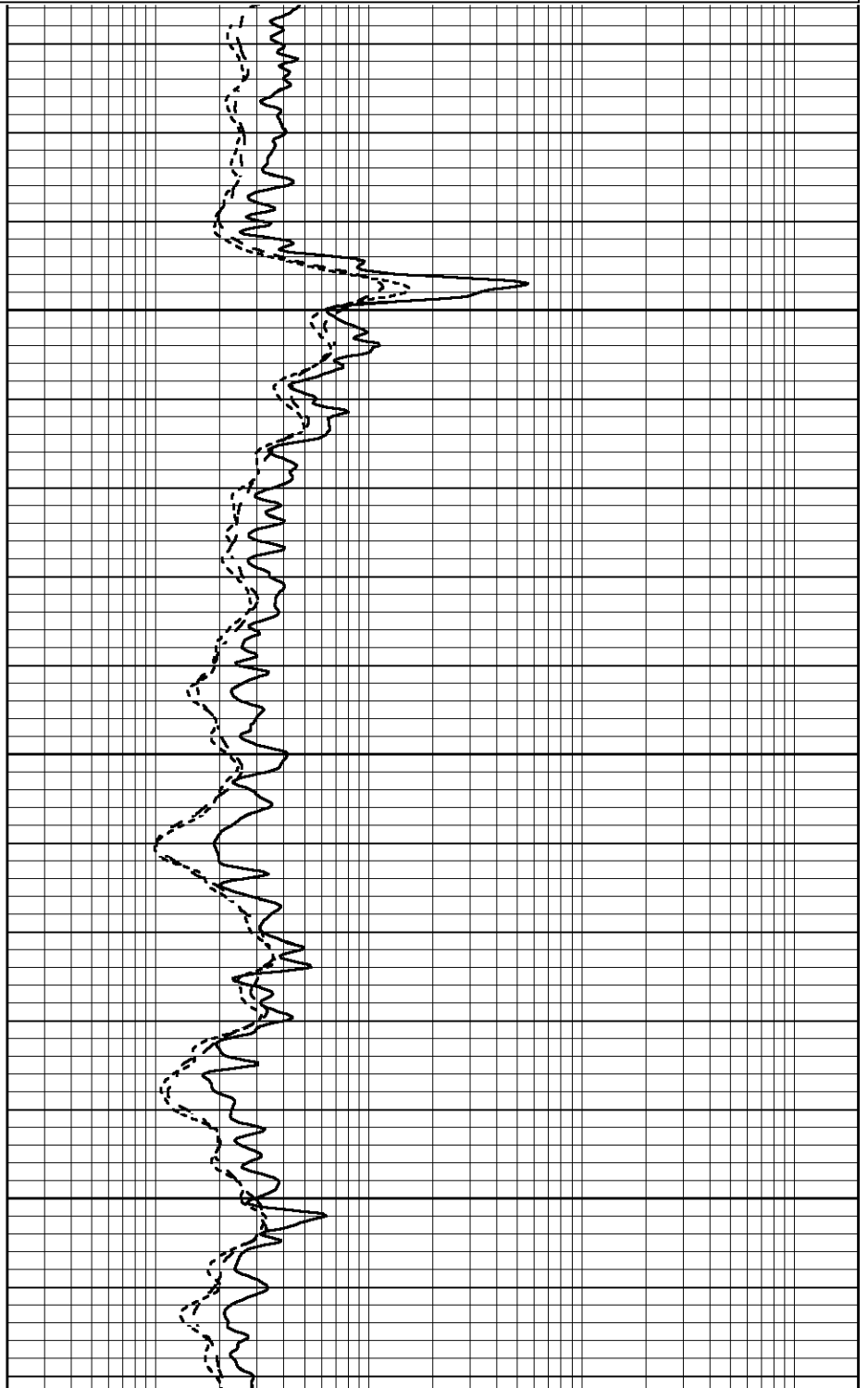
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

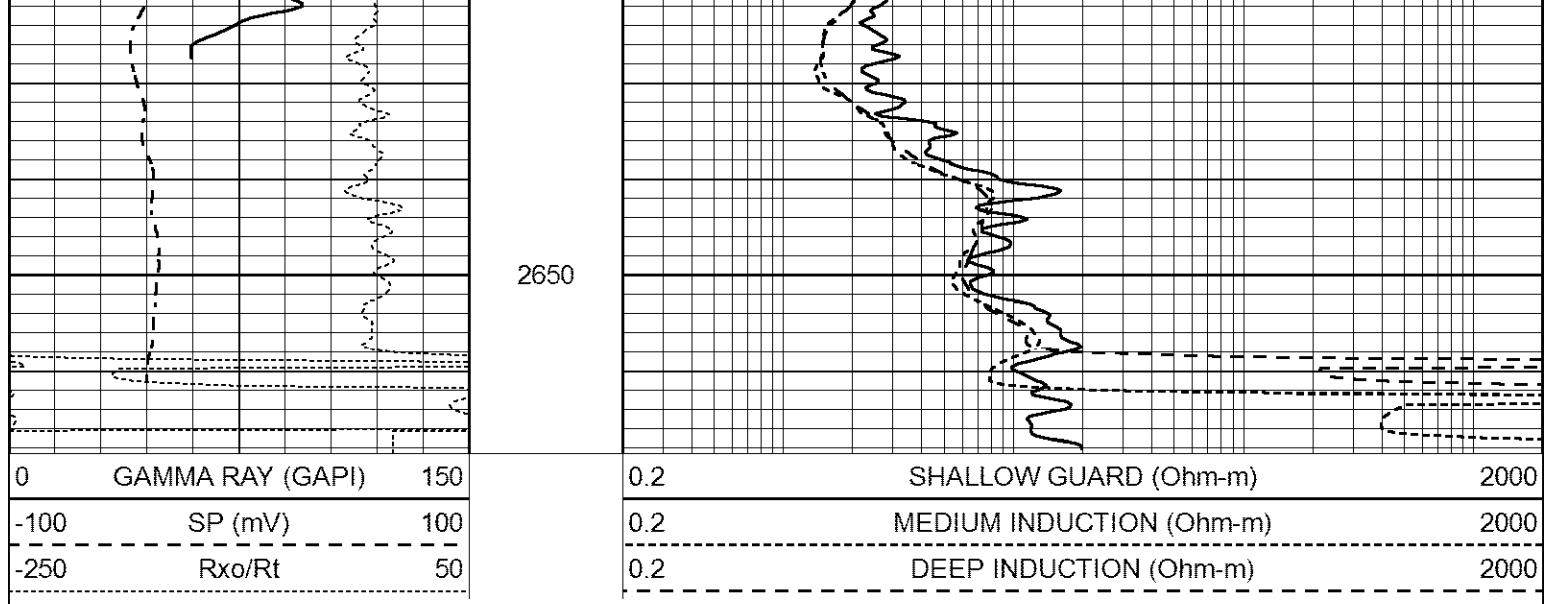


2500

2550

2600





Calibration Report									
Database File	6233pe.db								
Dataset Pathname	pass3.1								
Dataset Creation	Sat Jan 29 13:42:22 2022								
Dual Induction Calibration Report									
Serial-Model:					FW1410-55-Probe				
Surface Cal Performed:					Sat Jan 29 11:57:42 2022				
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	618.595	-5.524	
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	632.856	1.197	
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: 140703
Model: V4_10P
Source Number: 74GBq-19

Master Calibration

Performed: Tue Jan 25 14:00:06 2022

	Background	Aluminum	Magnesium		
Window 1	536.63	5366.27	23525.73	cps	
Window 2	42.91	1241.07	5903.94	cps	
Window 4	234.22	1197.63	5056.39	cps	
Window 5	470.91	9159.65	17426.67	cps	
Window 6	30.83	648.89	1219.18	cps	
Window 8	256.26	4659.94	9003.51	cps	
Bulk Density	-	2.6020	1.6830	g/cc	
Pe	-	3.0000	2.5070	b/e	
LS Alpha:	: -1.8361	SS Alpha:	: -0.7848	LS CPE:	: 1.0879
LS Beta:	: 117533.3616	SS Beta:	: 35294.5337	SS CPE:	: 5.9752

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: Tue Jan 25 14:00:06 2022

Results	Readings	References (in)		Gain	Offset
Low	High	Low	High		
10332.0	13596.9	8.0	14.0	0.0	-11.0

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:	Tue Jan 19 17:50:08 2021	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.5300	GAPI/cps