



DUAL
INDUCTION
LOG

Company SHELBY RESOURCES, LLC.		Company SHELBY RESOURCES, LLC.	
Well	I-T UNIT #1	Well I-T UNIT #1	
Field	UNNAMED	Field UNNAMED	
County	PRATT	County	PRATT
State	KANSAS	State	KANSAS
Location:		API # : 15-151-22543-0000	
Permanent Datum		180' FSL & 2310' FWL	
Log Measured From		S2/SE/SE/SW	
Drilling Measured From		SEC 27 TWP 28S RGE 14W	
GROUND LEVEL Elevation		1980	
KELLY BUSHING 12' A.G.L		Other Services	
KELLY BUSHING		C/NL/CDL/PE	
Elevation		MEL/SON	
K.B. 1992			
D.F. 1990			
G.L. 1980			
Date	4/6/22		
Run Number	ONE		
Depth Driller	4750		
Depth Logger	4749		
Bottom Logged Interval	4747		
Top Log Interval	00		
Casing Driller	8 5/8" @ 823	1	
Casing Logger	823		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7000 PPM	
Density / Viscosity	9.1/45		
pH / Fluid Loss	9.0/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.95@65F		
Rmf @ Meas. Temp	.71@65F		
Rmc @ Meas. Temp	1.14@65F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.50@123F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	123F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	TJ DREILING		
Witnessed By	JEREMY SCHWARTZ		

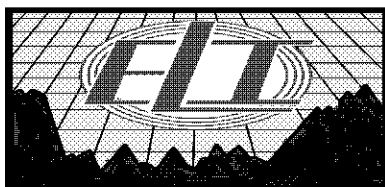
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

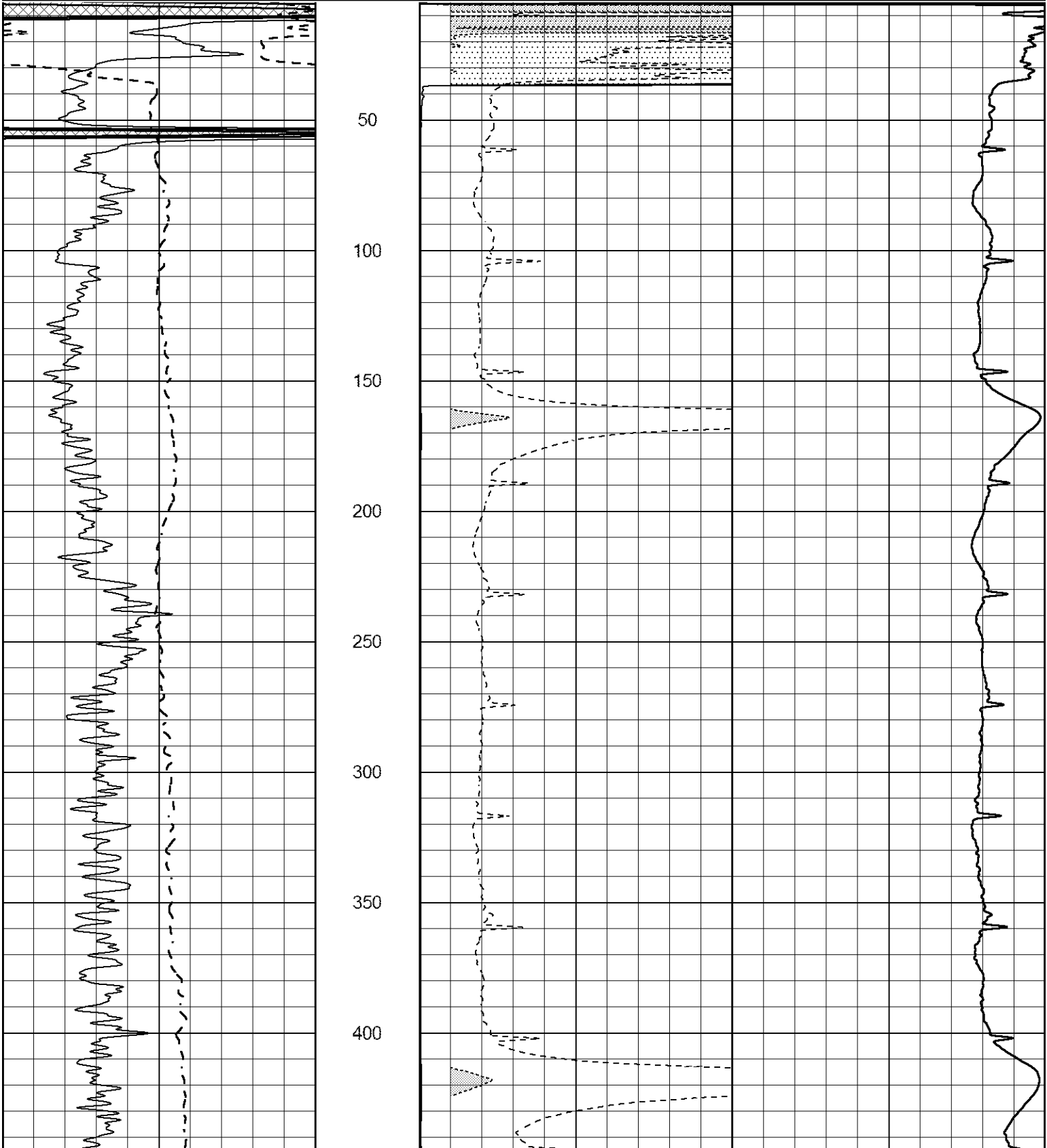
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS

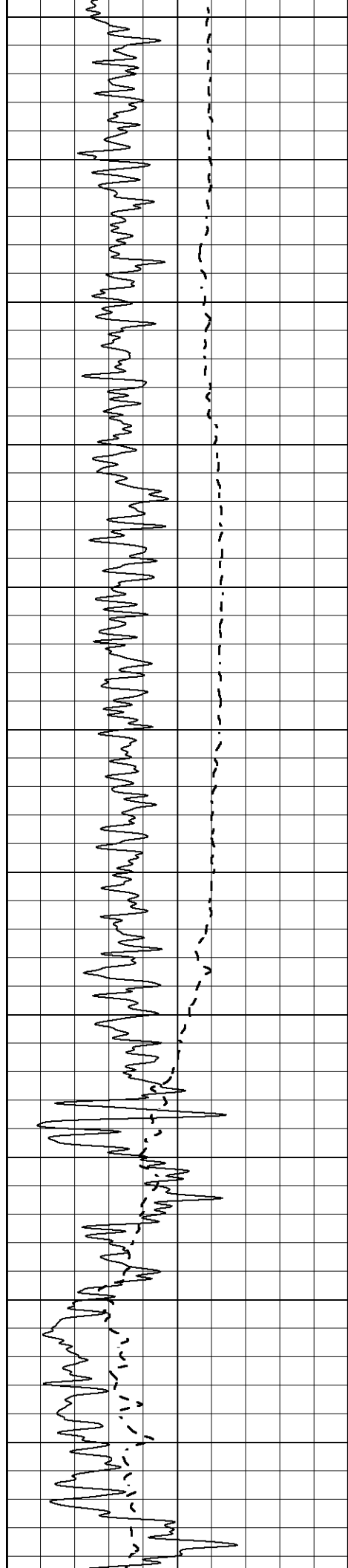
-FROM PRATT, KANSAS, -SOUTH 5 MILES ON HIGHWAY 281 TO SW 50 RD,
-5 1/2 MILES WEST, -NORTH INTO



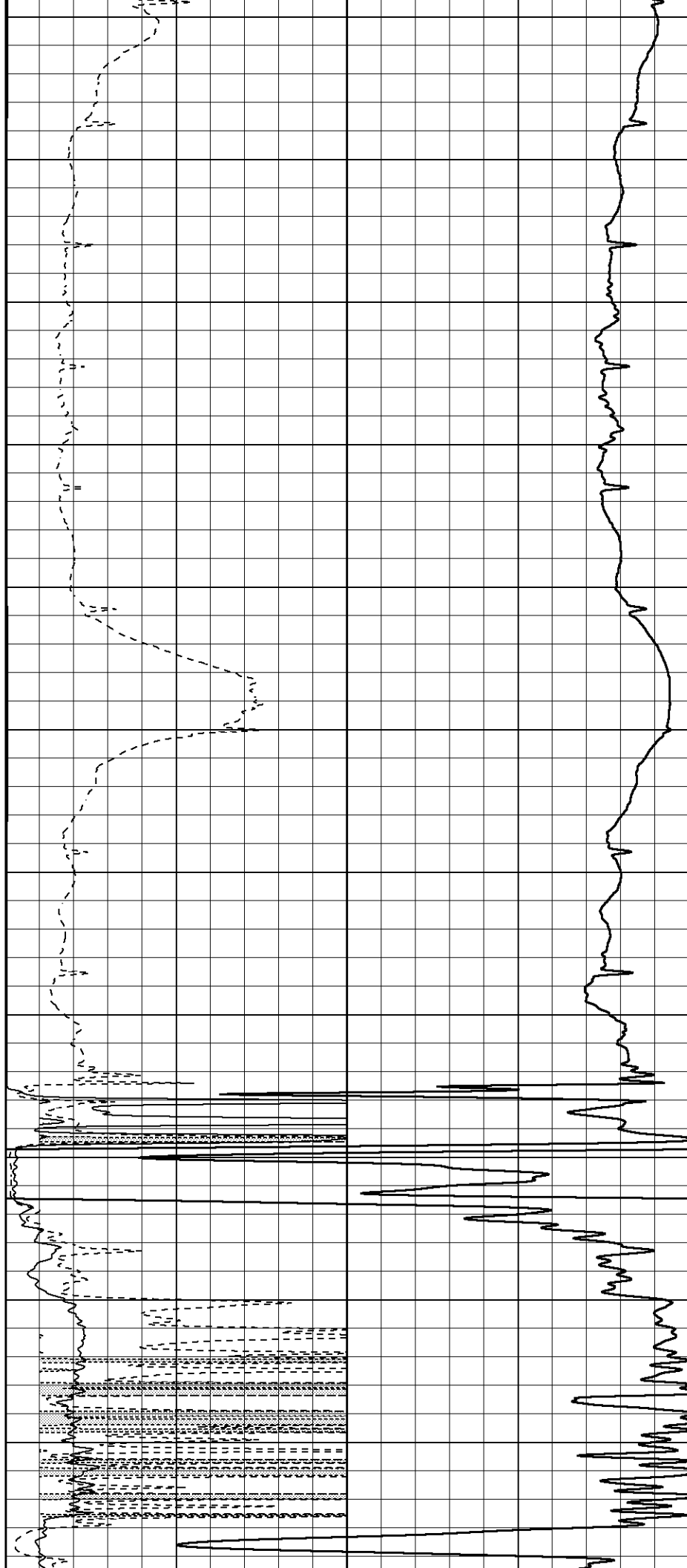
MAIN SECTION

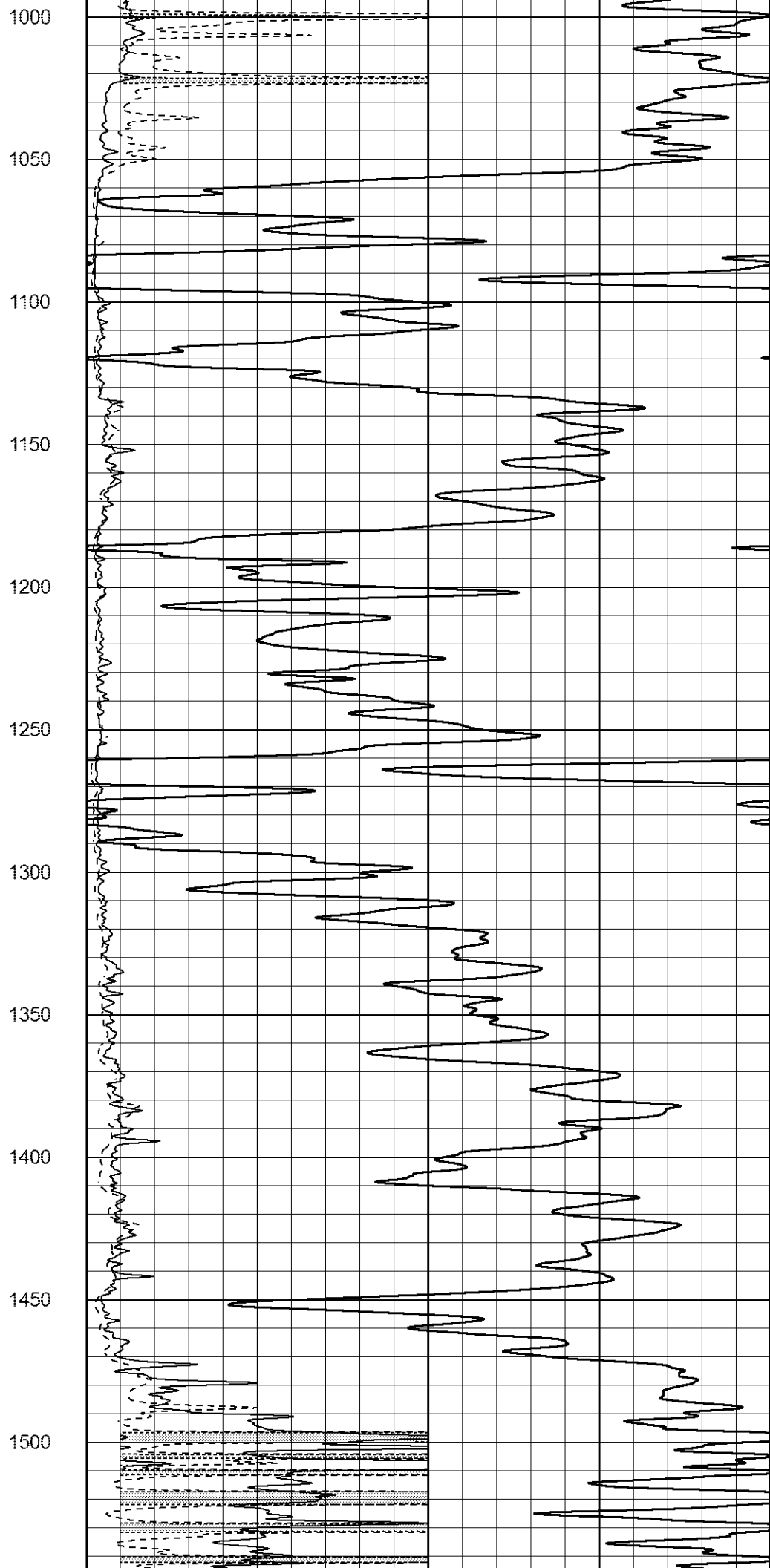
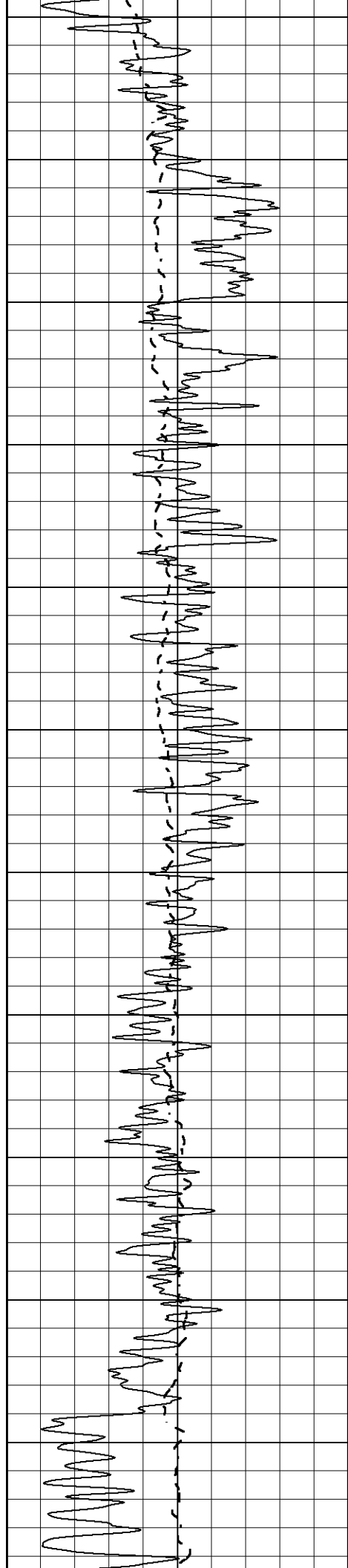
0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
-----			0	Deep Induction (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500

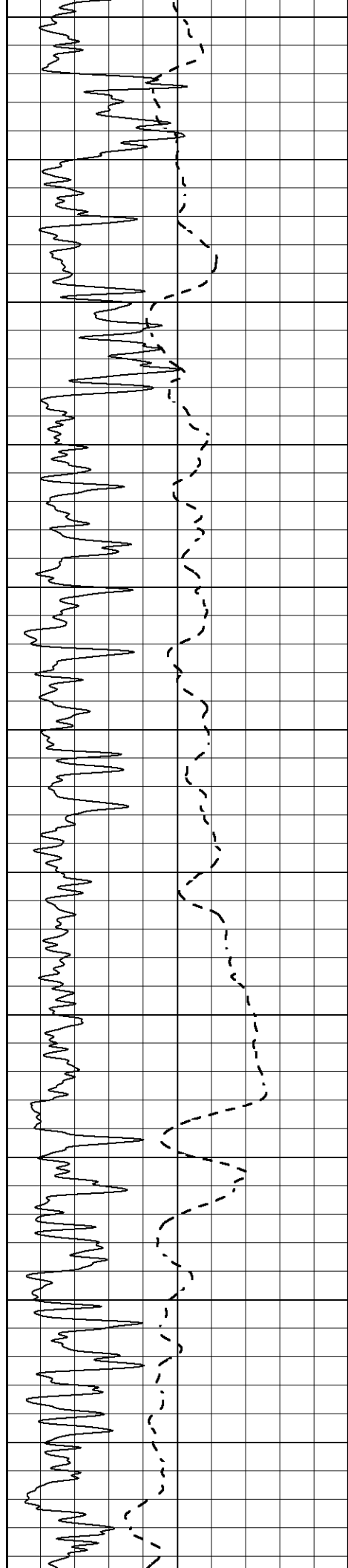




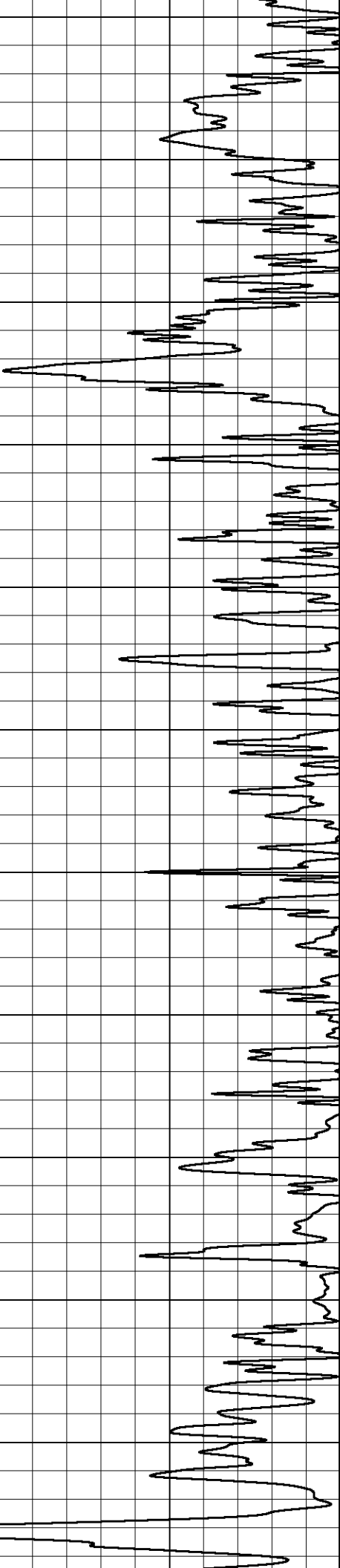
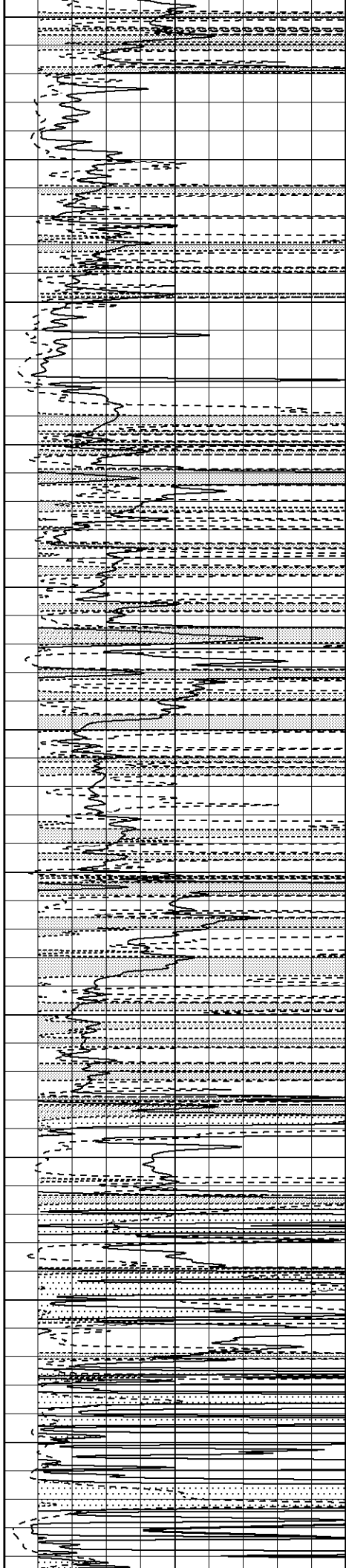
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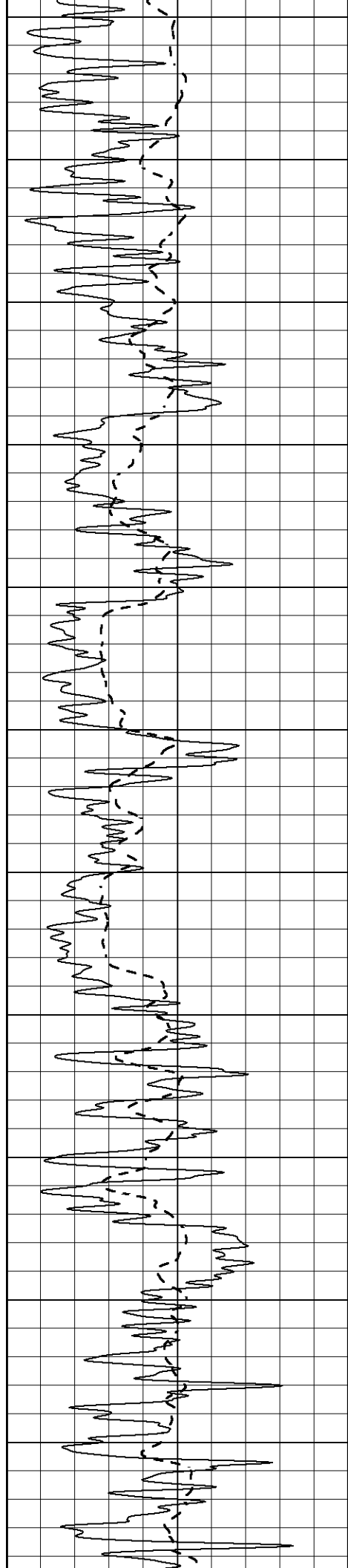






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2100

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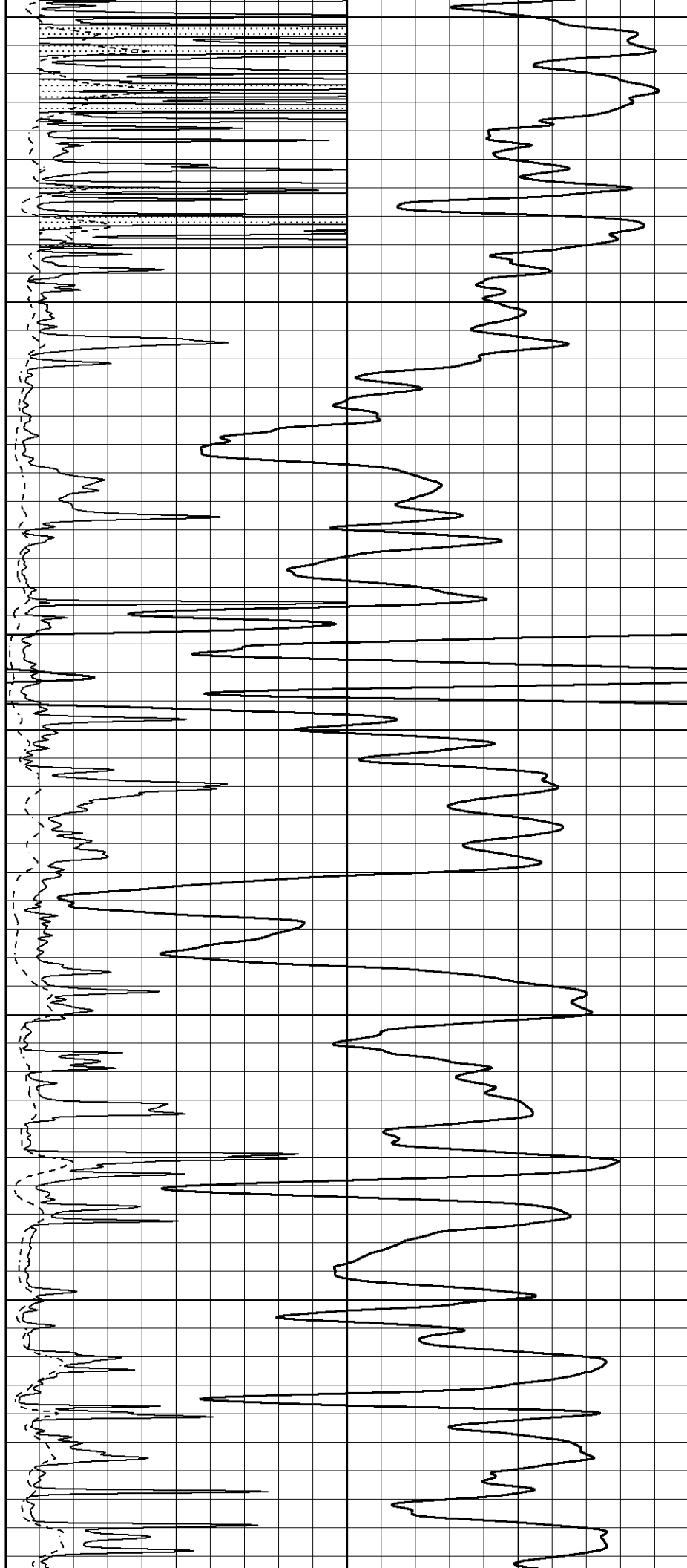
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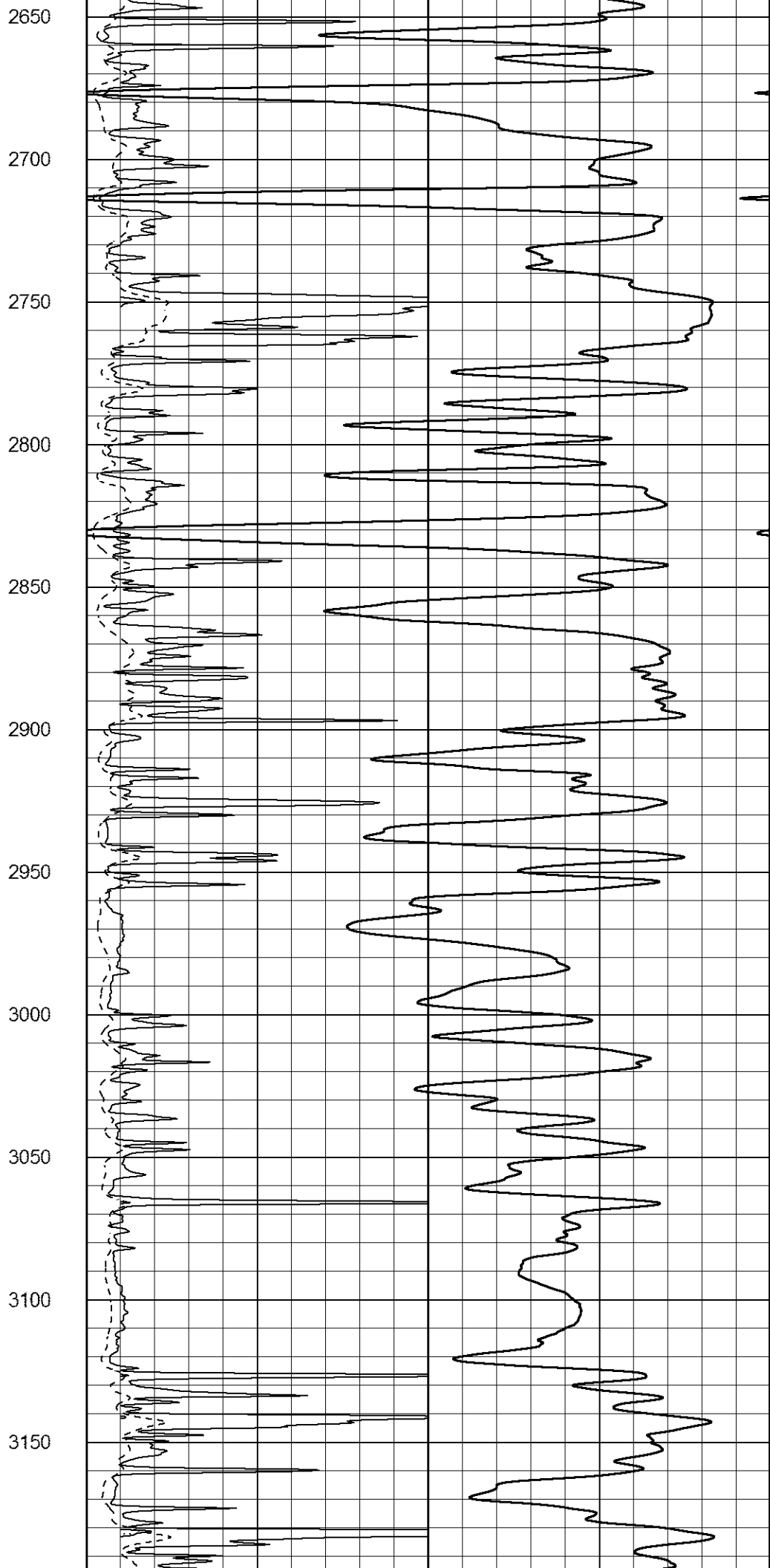
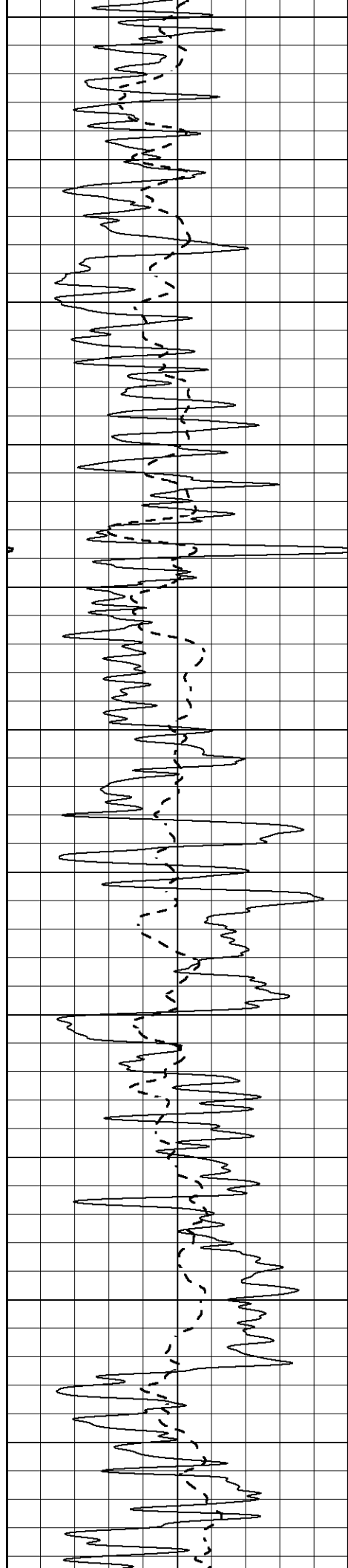
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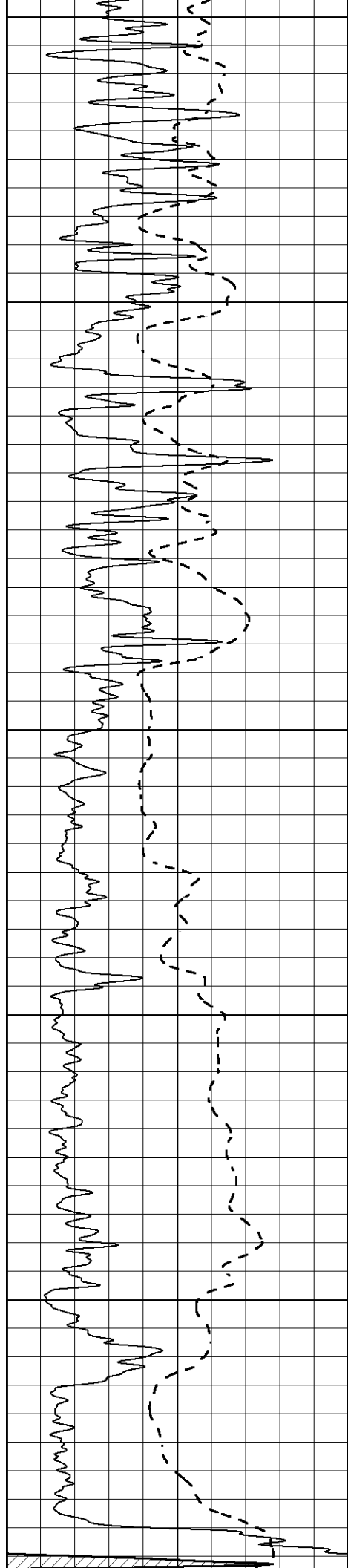
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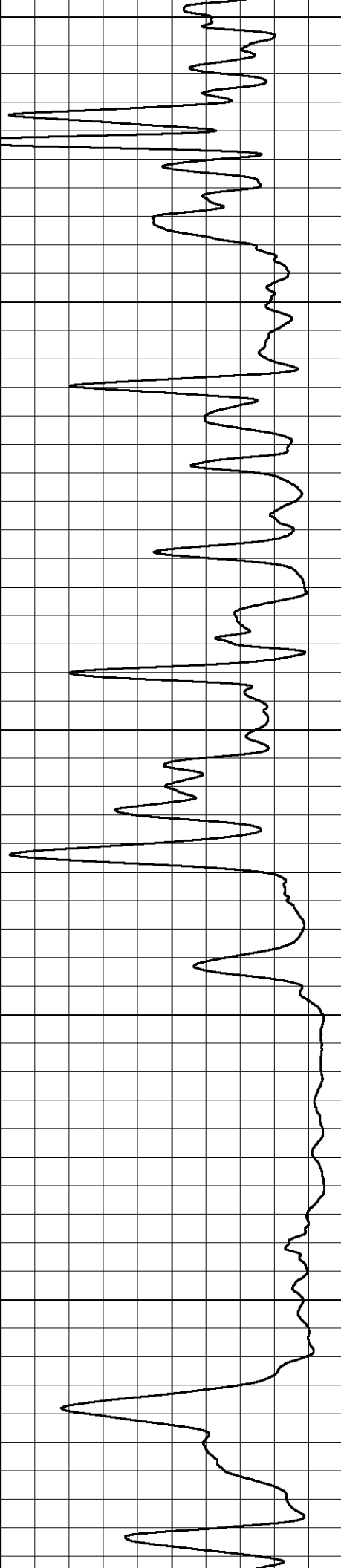
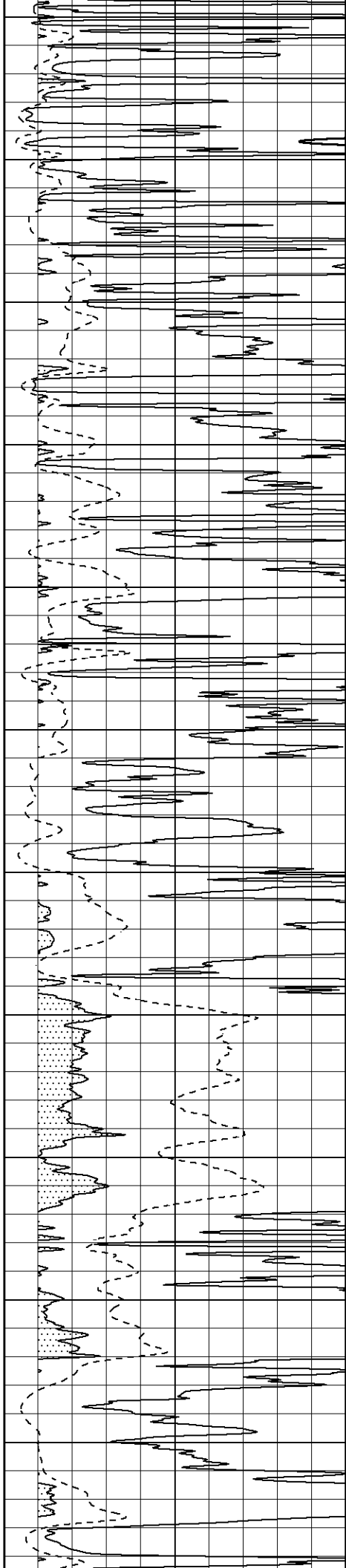
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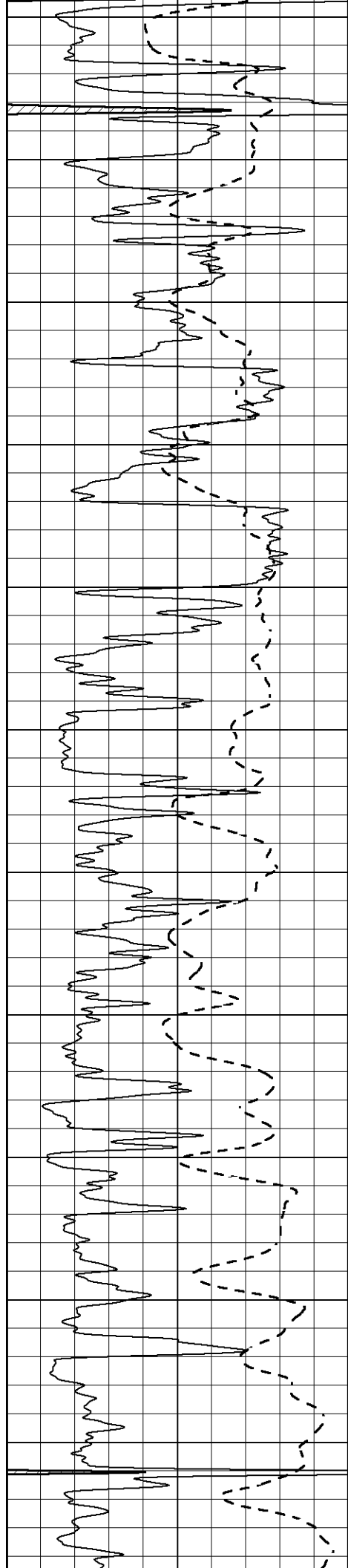




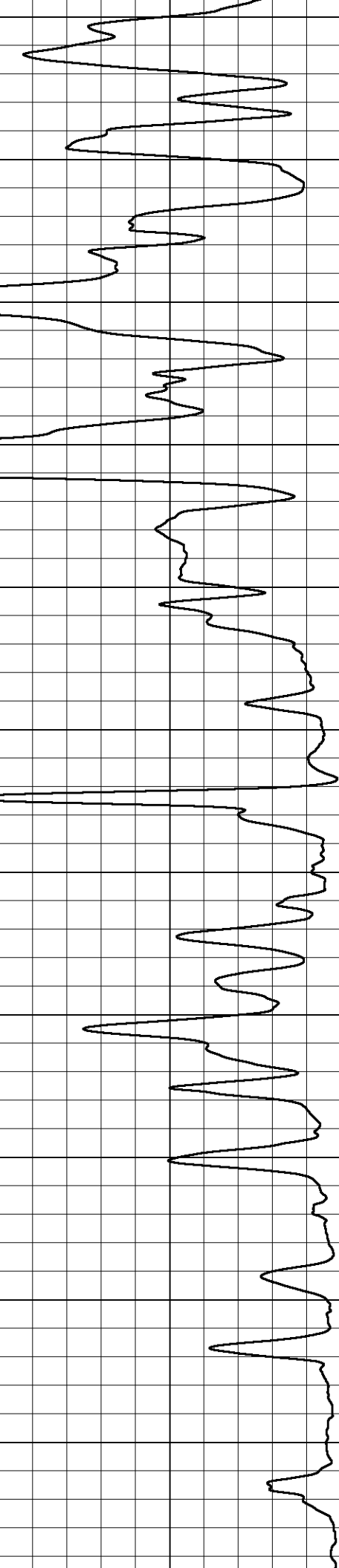
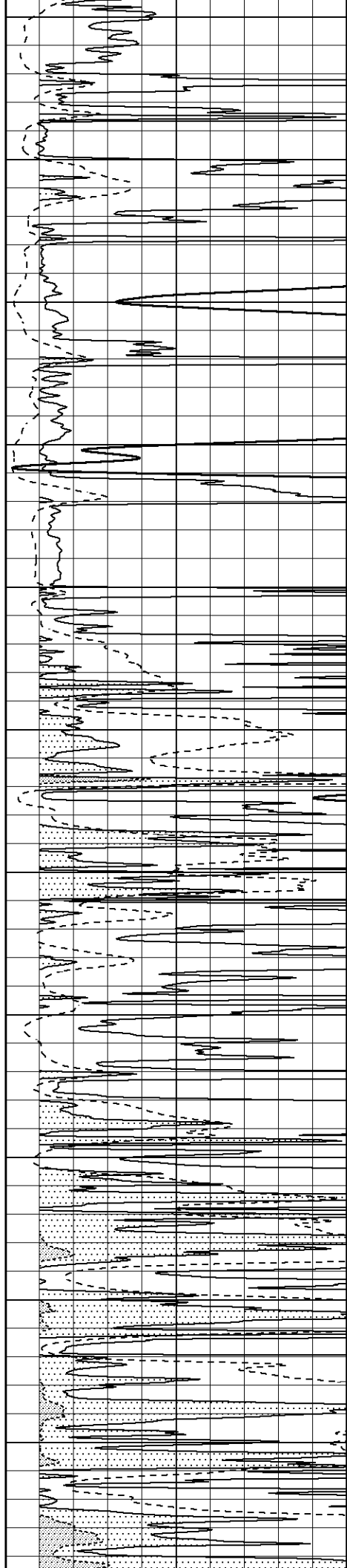


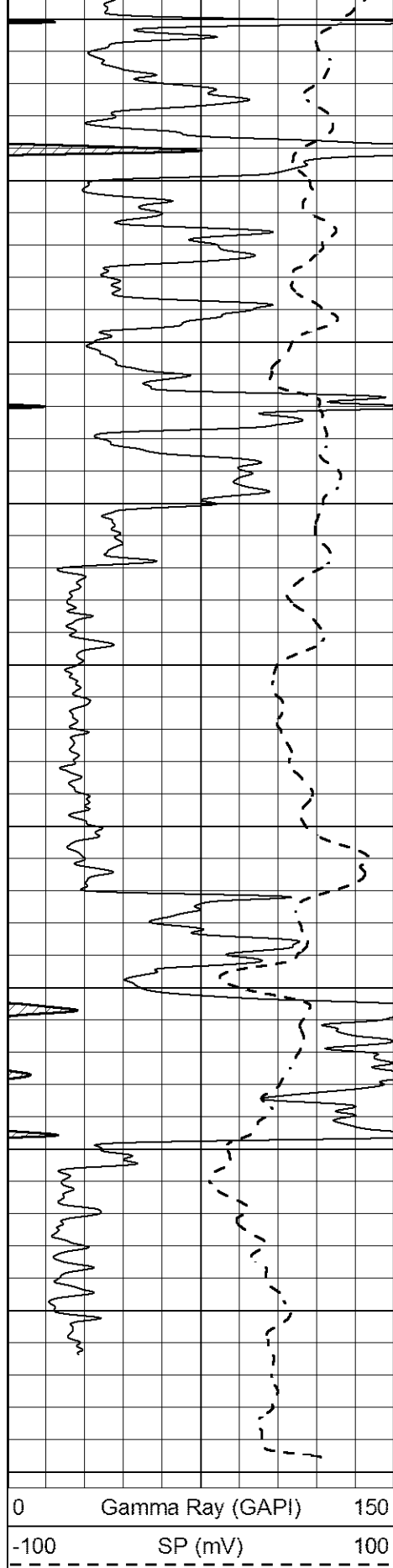
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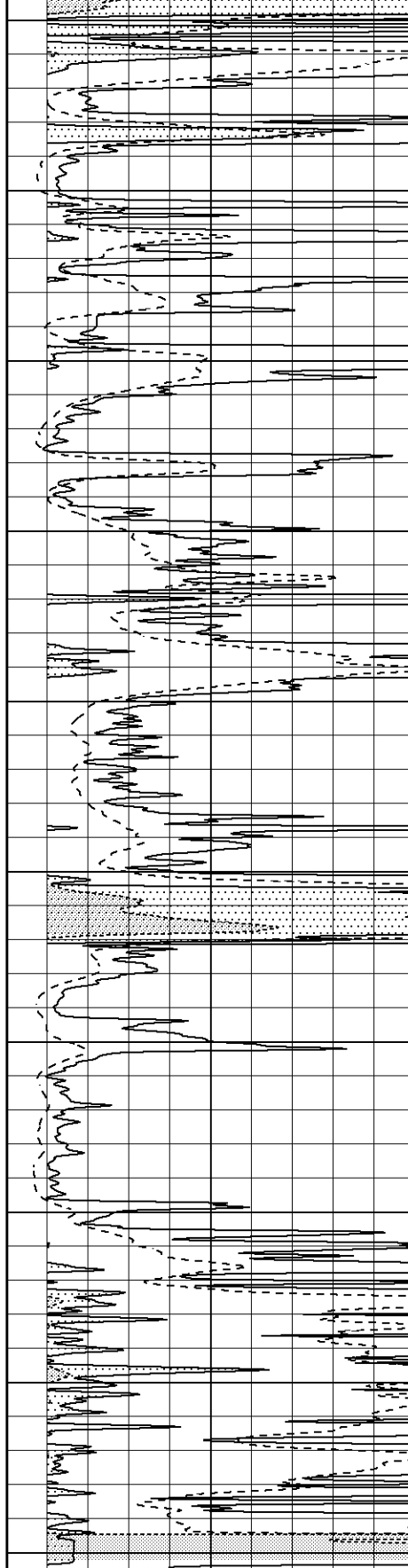


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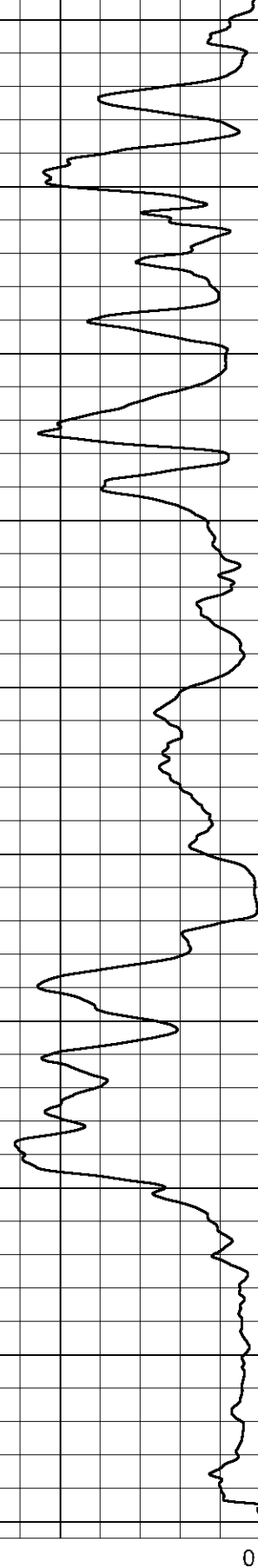


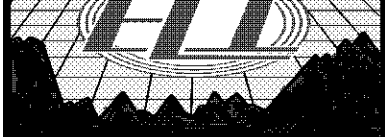


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4750



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



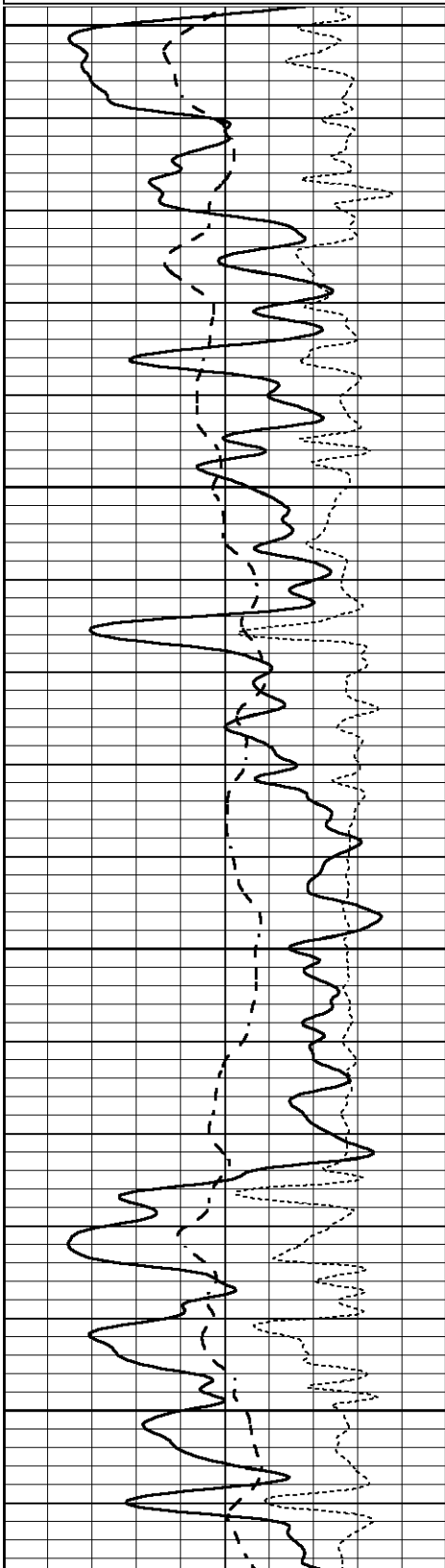


MAIN SECTION

Database File 6384pe.db
Dataset Pathname pass3.1
Presentation Format _dil
Dataset Creation Wed Apr 06 06:38:40 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

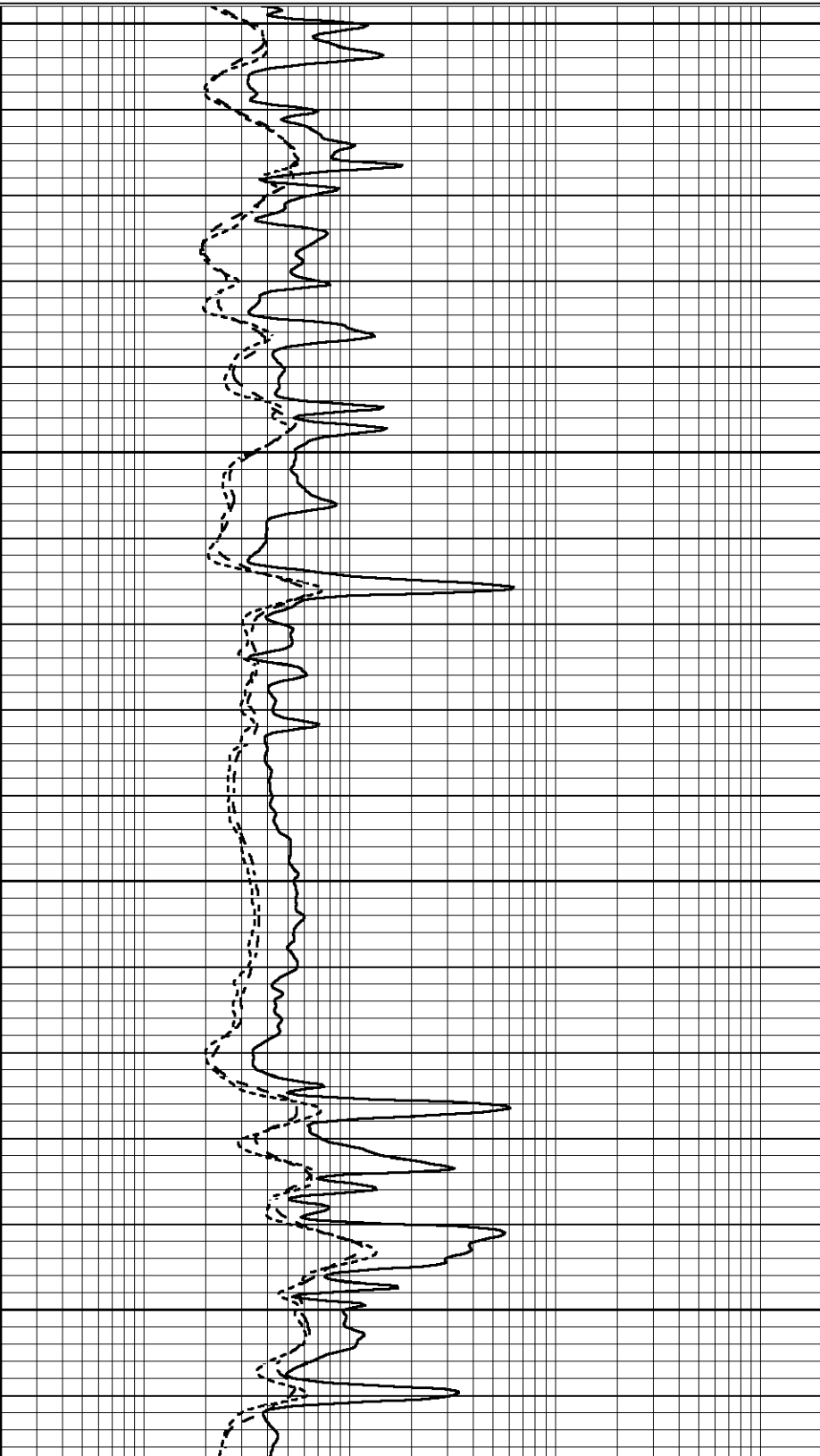


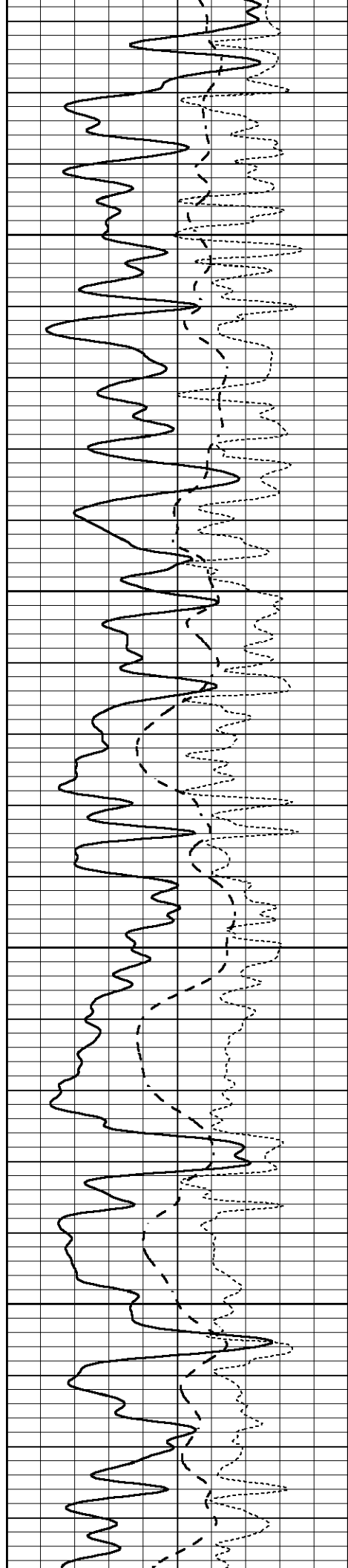
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3050

3100

3150



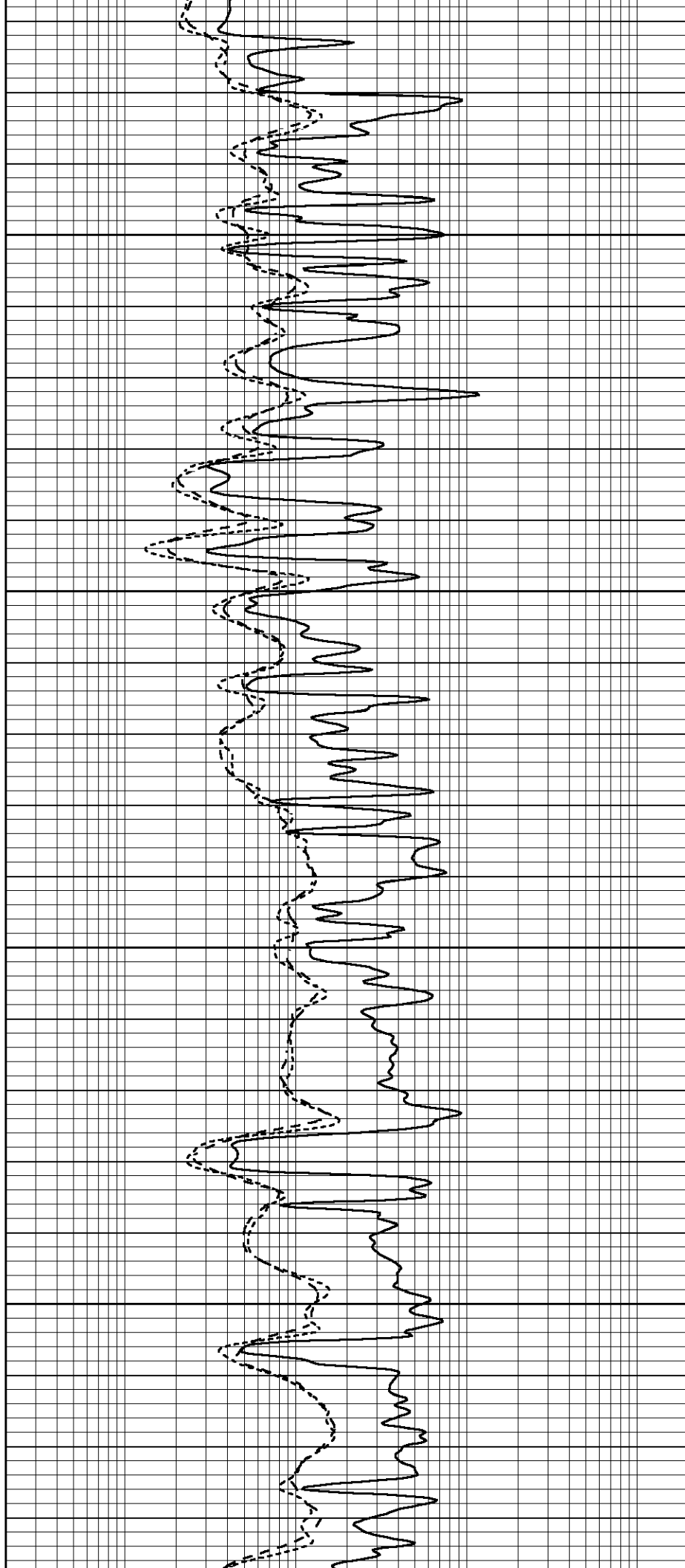


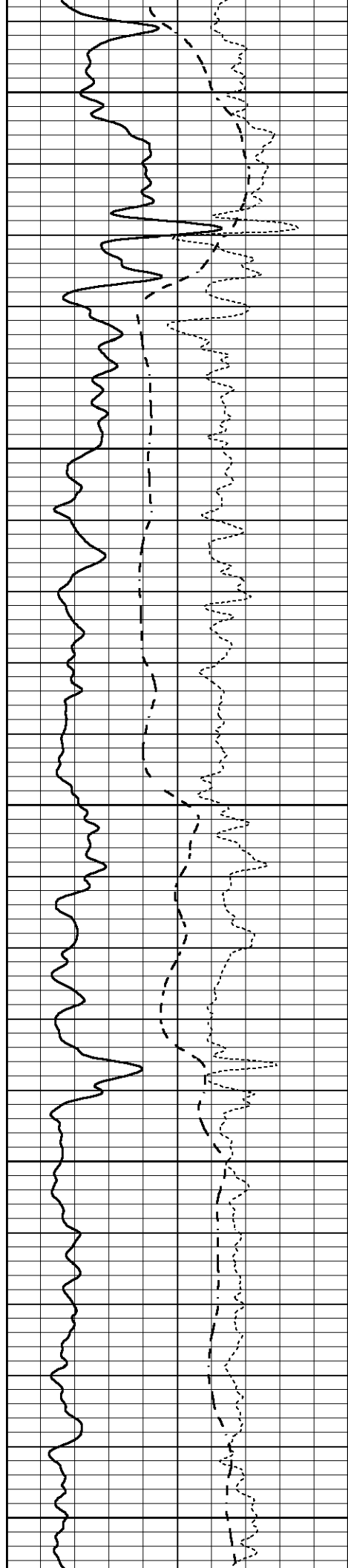
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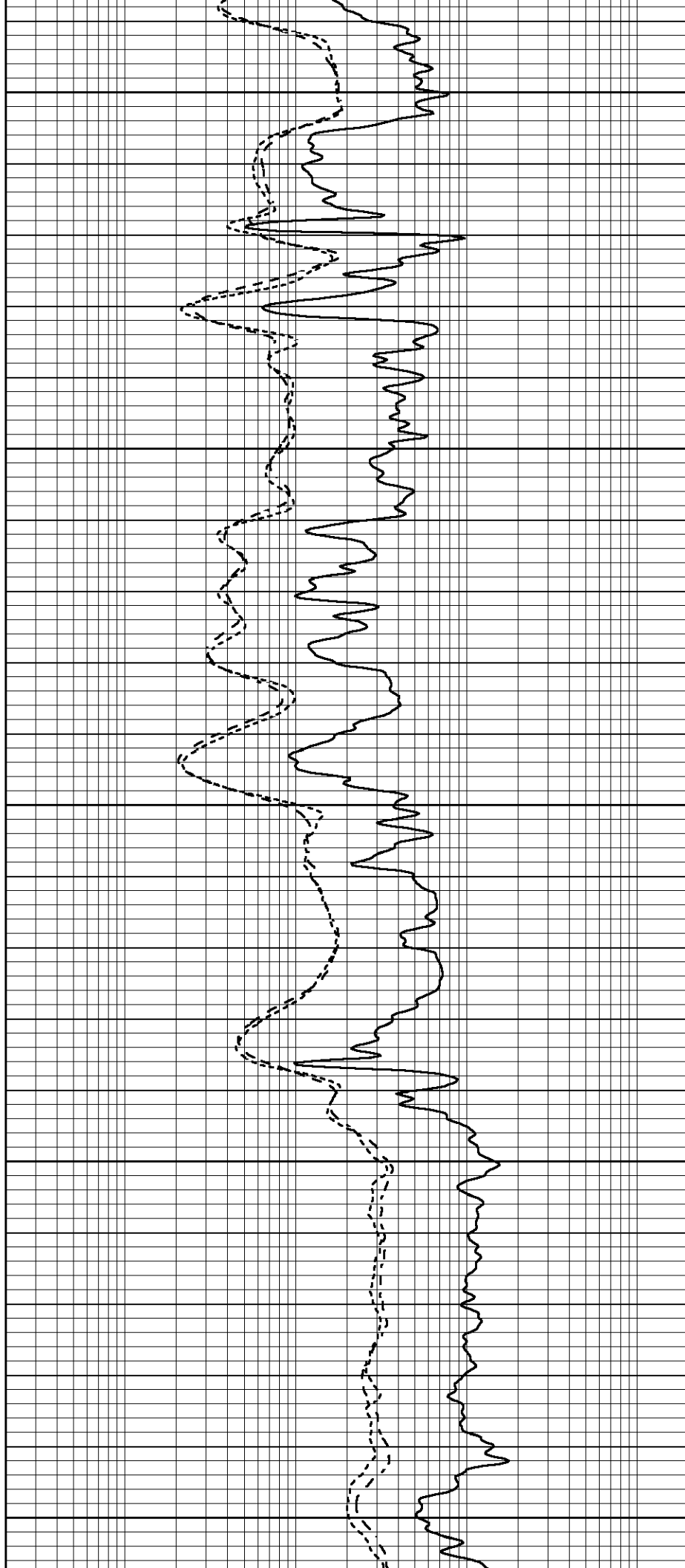
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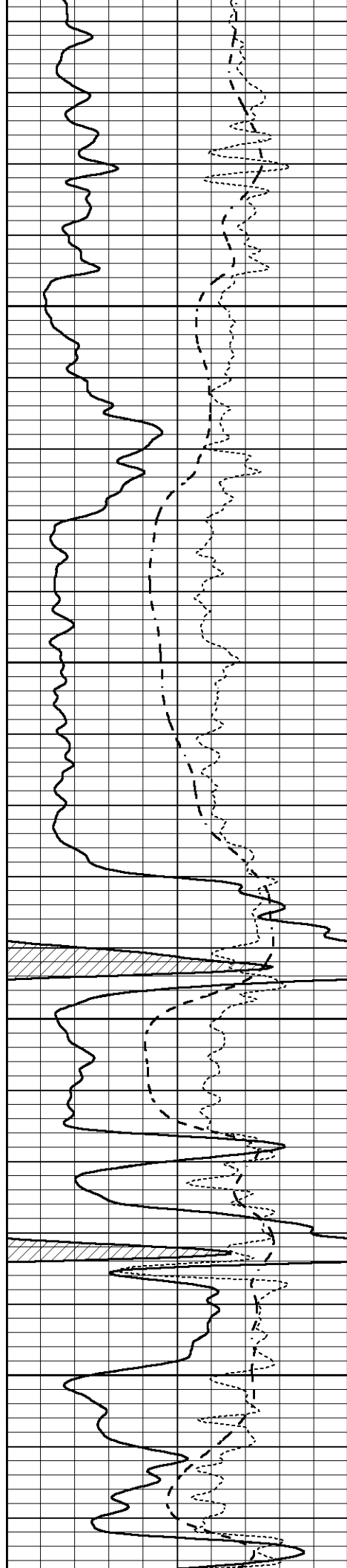
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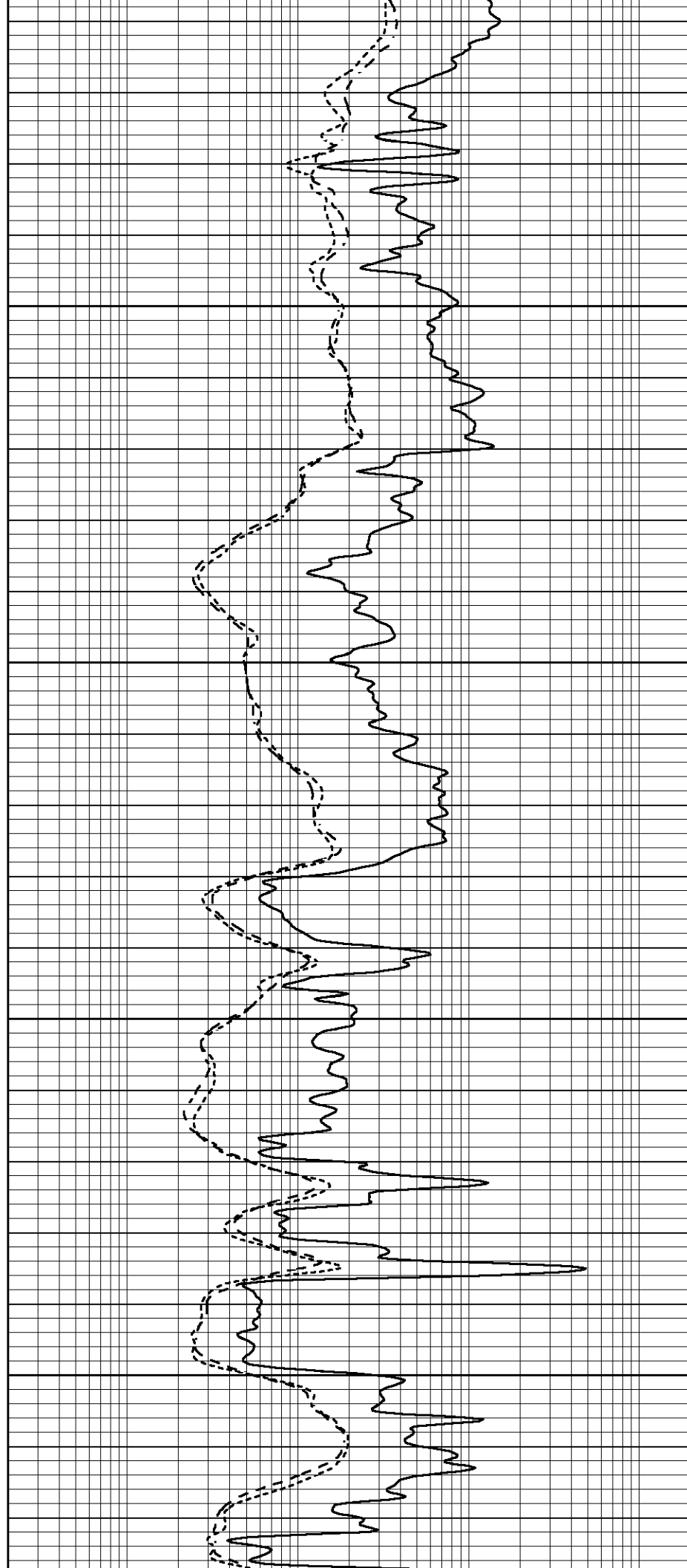


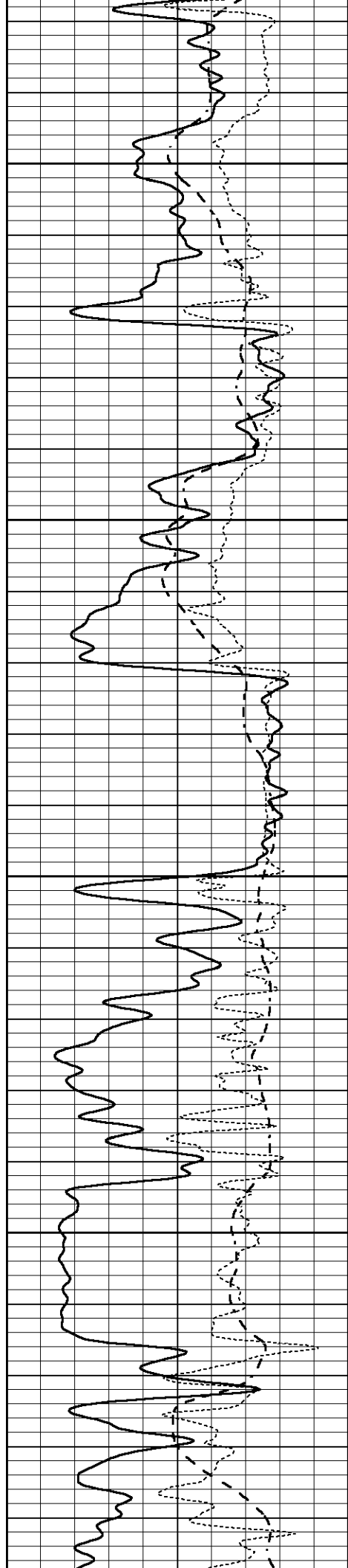
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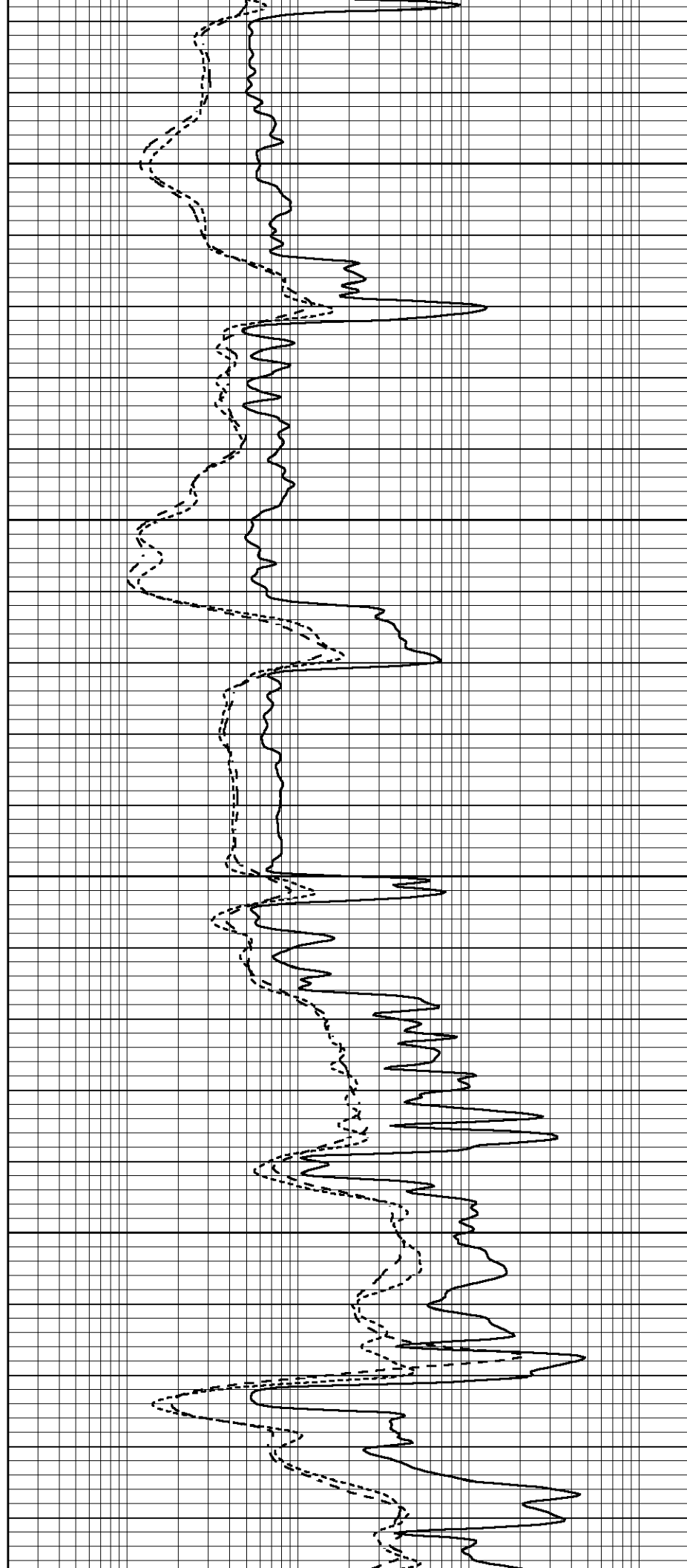


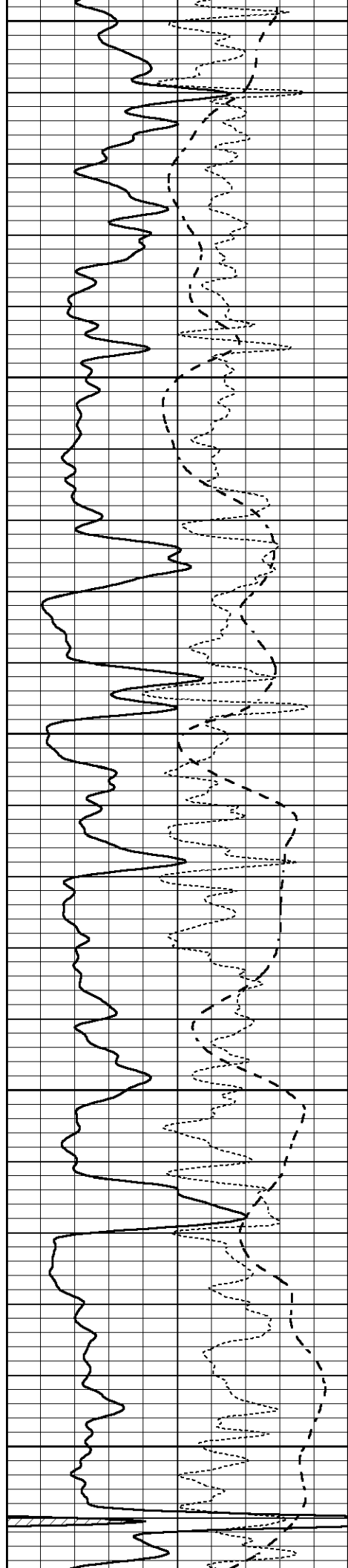
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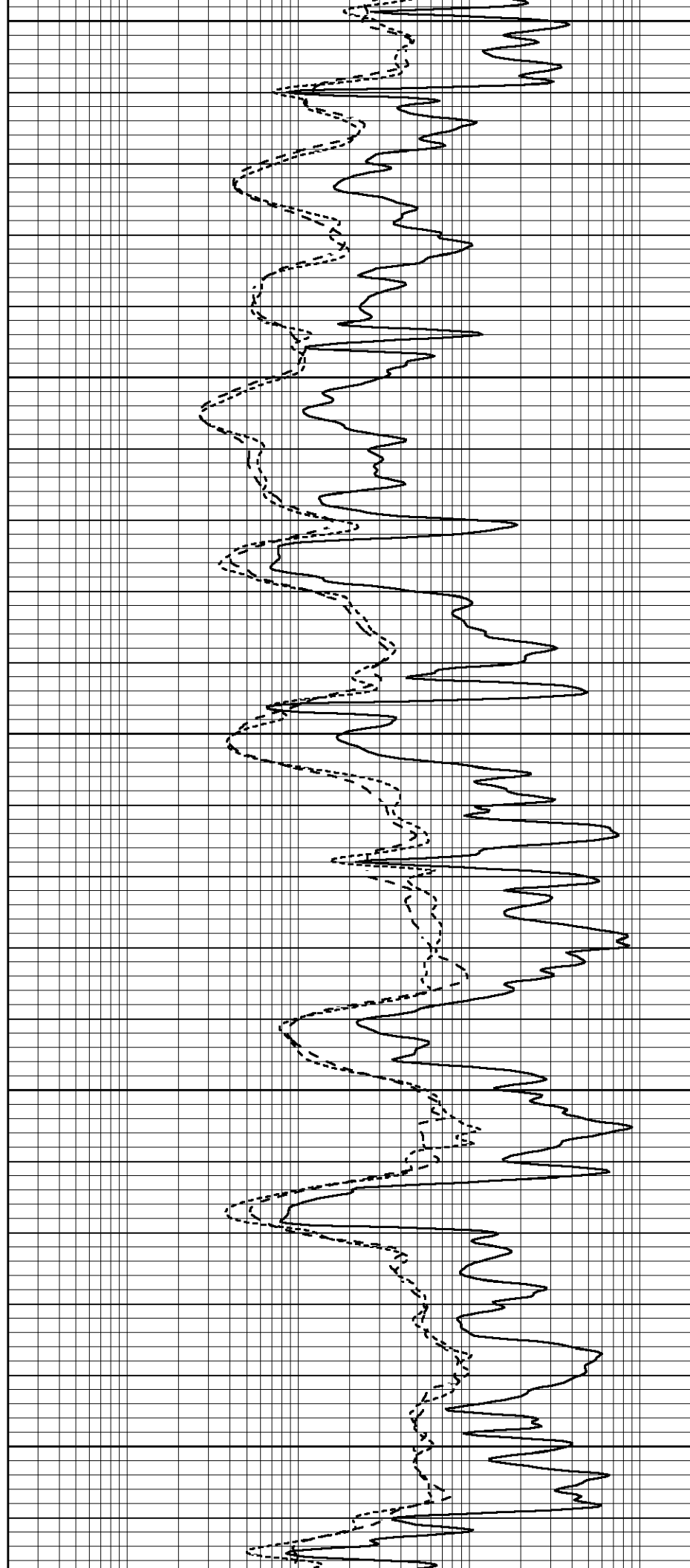
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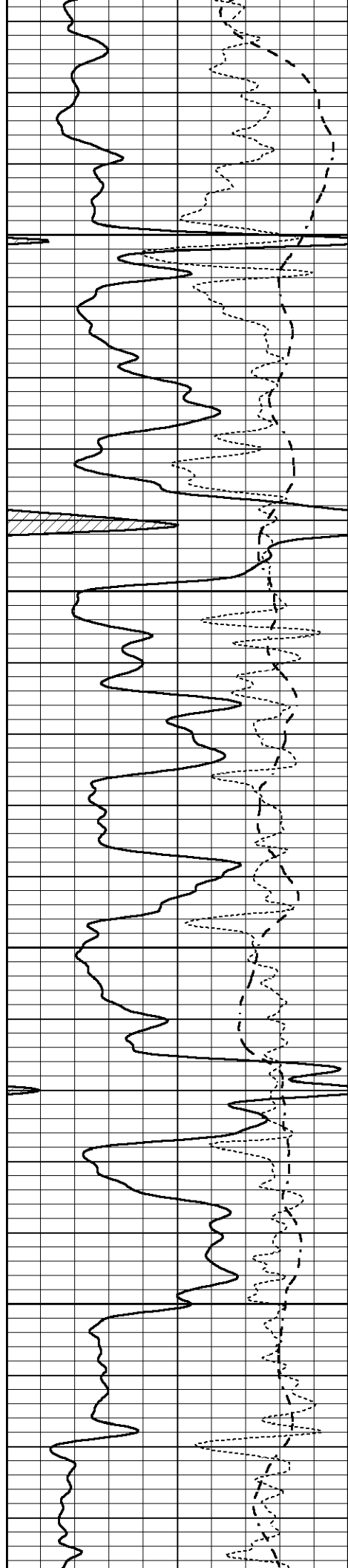
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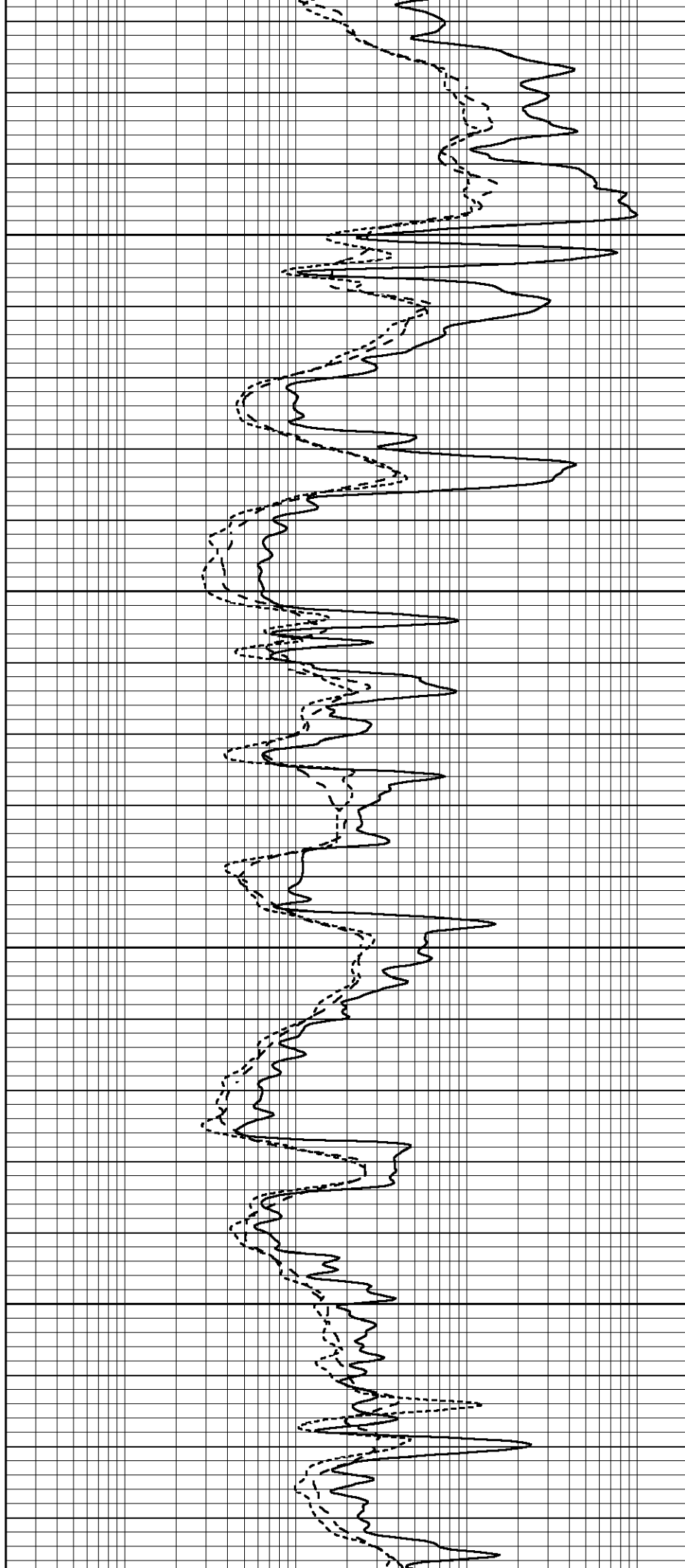


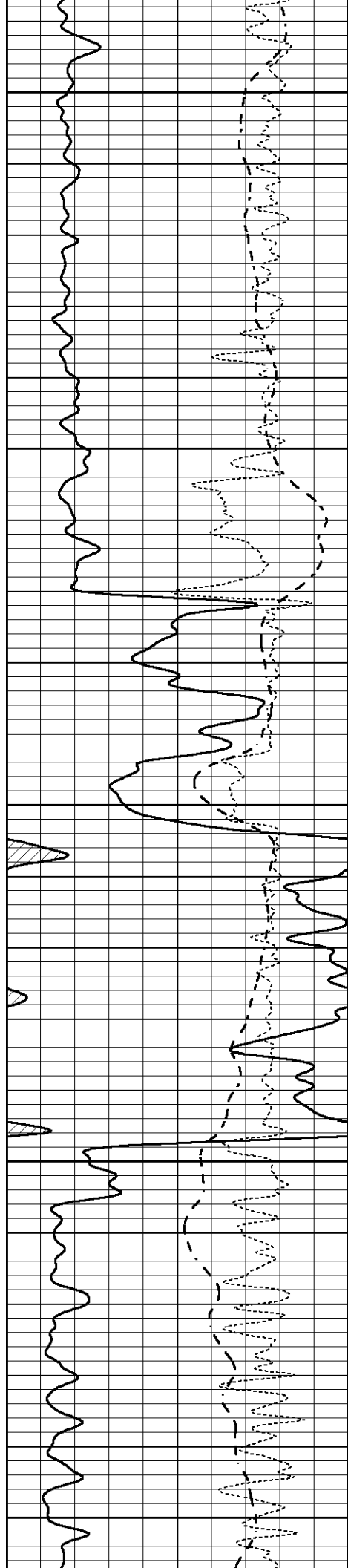
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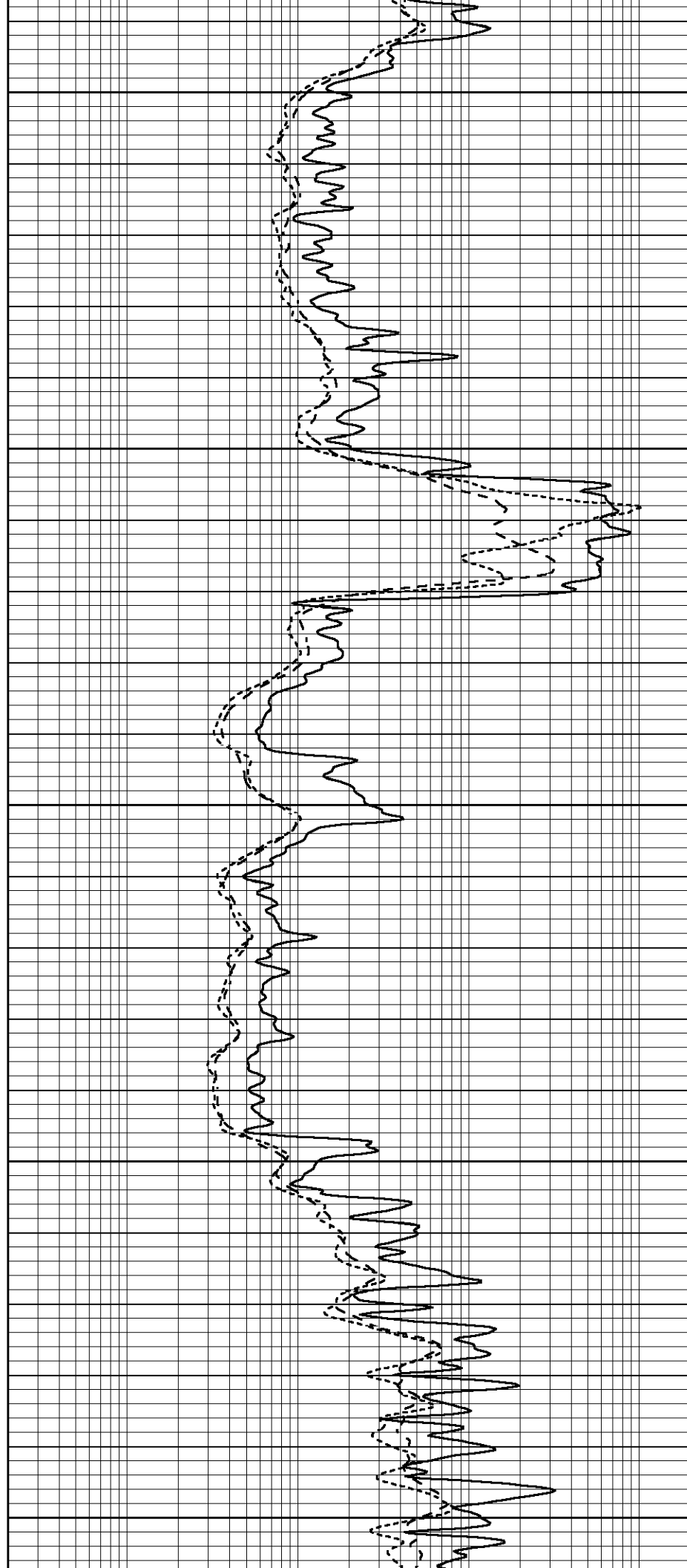
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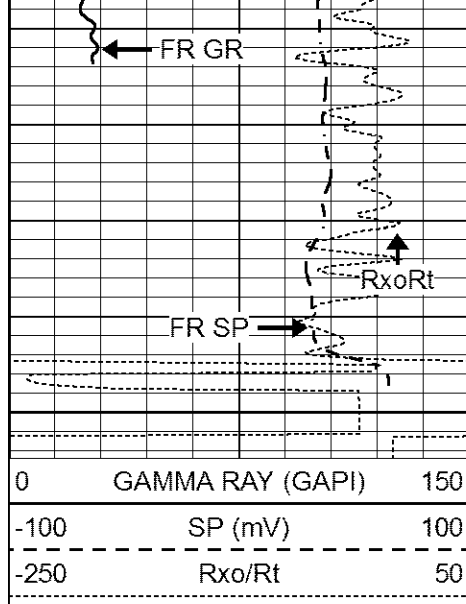
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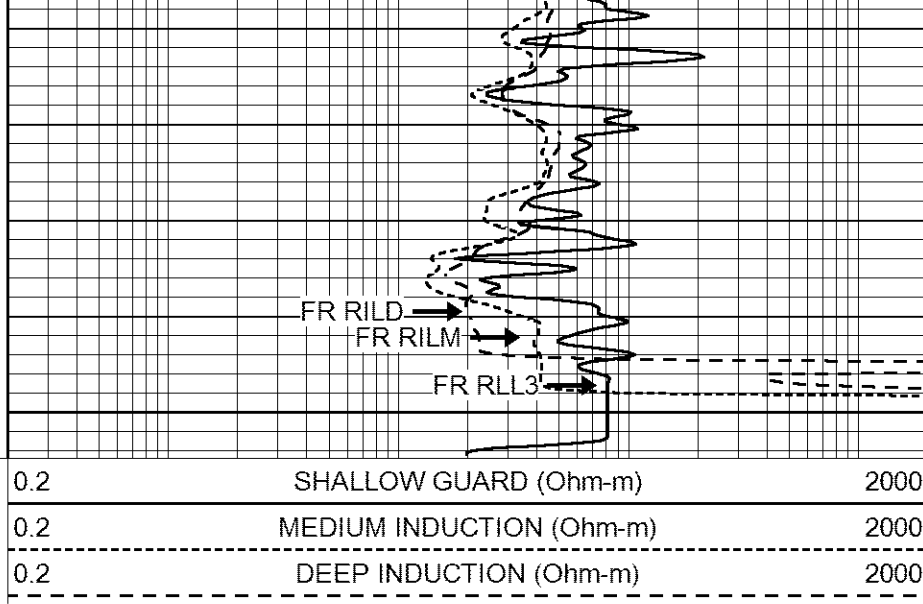
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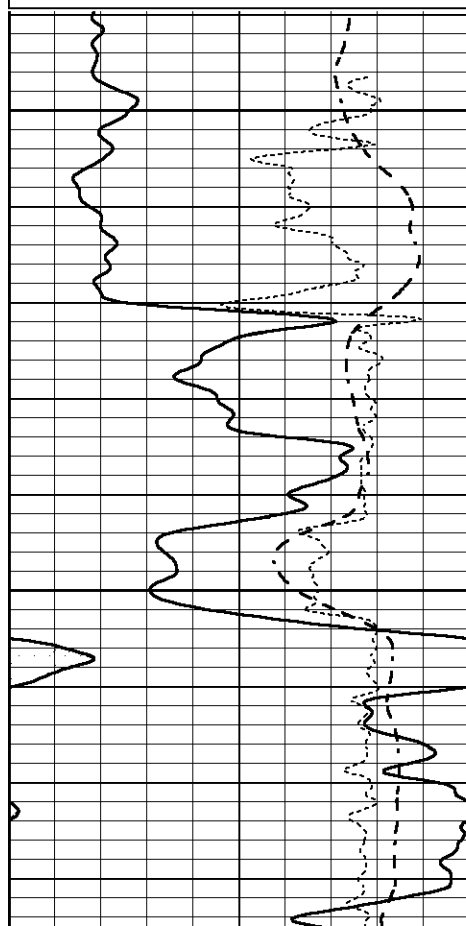
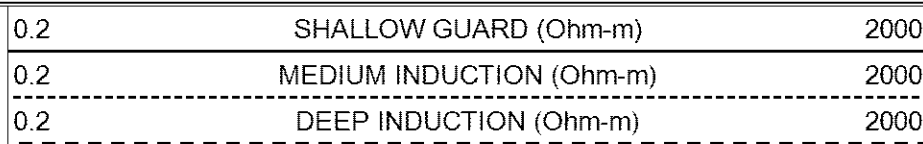
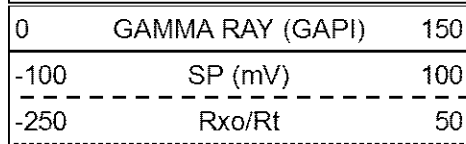


LTD 4749



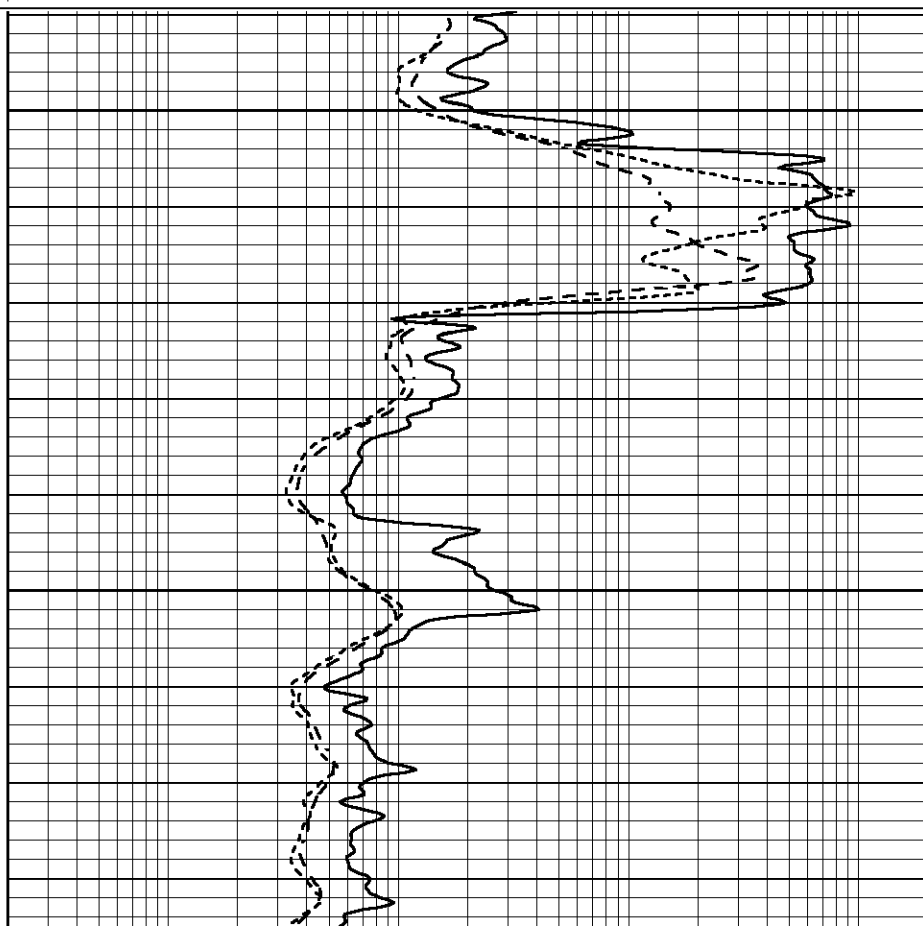
REPEAT SECTION

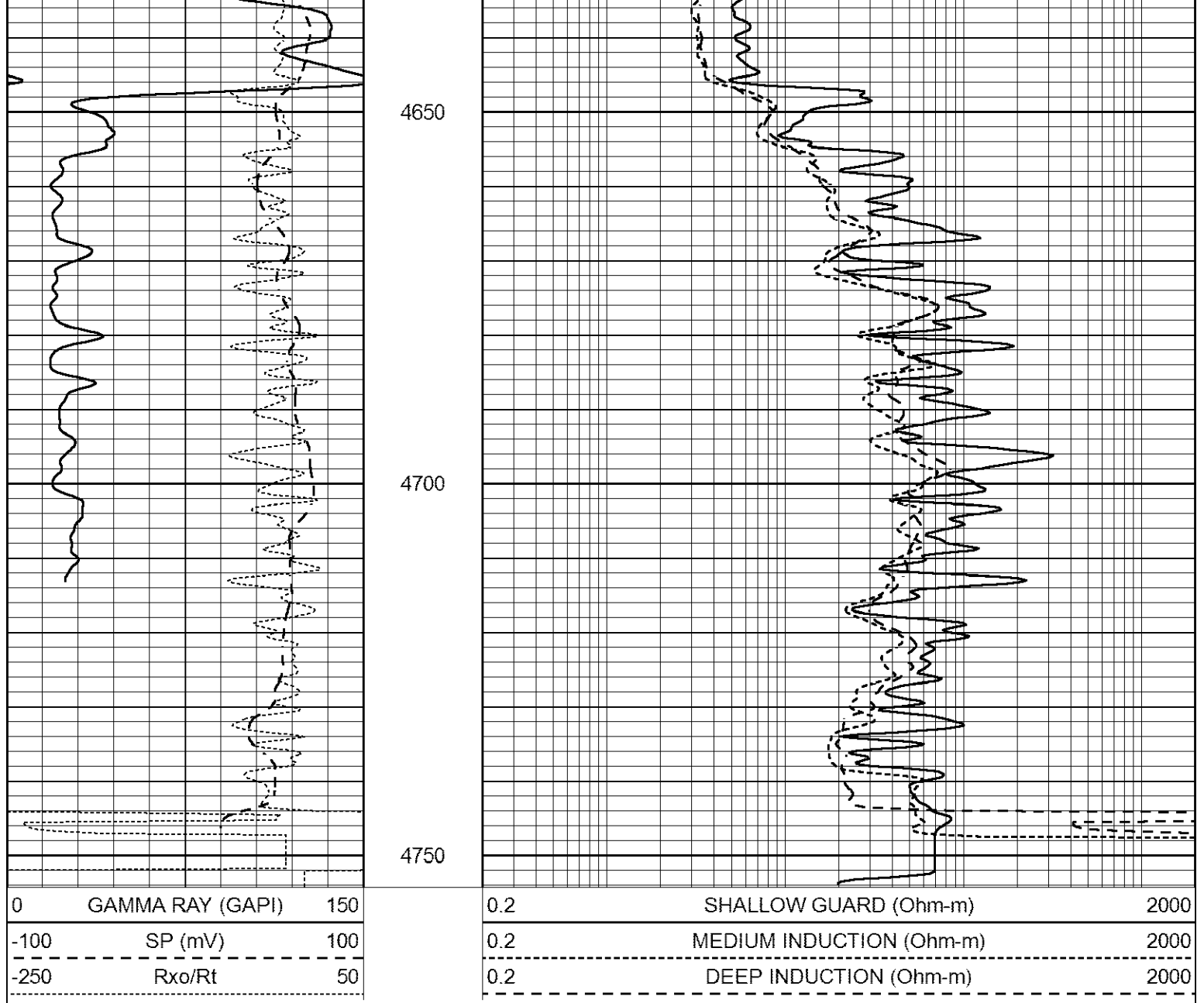
Database File 6384pe.db
 Dataset Pathname pass2.1
 Presentation Format _dil
 Dataset Creation Wed Apr 06 06:23:46 2022
 Charted by Depth in Feet scaled 1:240



4550

4600





Calibration Report

Database File 6384pe.db
 Dataset Pathname pass3.1
 Dataset Creation Wed Apr 06 06:38:40 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: 140704 Model: V4_10P Source Number: 74GBq-19								
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Master Calibration				Performed: Fri Feb 18 15:41:27 2022				
	Background	Aluminum	Magnesium					
Window 1	515.75	5443.58	23734.91	cps				
Window 2	41.45	1226.32	5757.32	cps				
Window 4	224.78	1223.03	5315.97	cps				
Window 5	549.25	7983.61	15349.73	cps				
Window 6	43.12	1271.88	2496.98	cps				
Window 8	261.02	2595.65	4928.92	cps				
Bulk Density	-	2.6020	1.6830	g/cc				
Pe	-	3.0000	2.5070	b/e				
LS Alpha:	: -1.8571	SS Alpha:	: -0.7875	LS CPE:		: 1.1396		
LS Beta:	: 128618.9672	SS Beta:	: 18780.4869	SS CPE:		: 1.5966		

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: Fri Feb 18 15:41:27 2022				
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Results	Readings		References (in)			
	Low	High	Low	High	Gain	Offset
	8107.9	11082.1	8.0	14.0	0.0	-7.7
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			