



DUAL INDUCTION LOG

Company	MUSTANG ENERGY CORPORATION	Company	MUSTANG ENERGY CORPORATION
Well	LEINMILLER #4	Well	LEINMILLER #4
Field	LEINMILLER	Field	LEINMILLER
County	ELLIS	County	ELLIS
State	KANSAS	State	KANSAS
Location:	API # : 15-051-27061-0000 1070' FNL & 1770' FWL SE - SW - NE - NW	Other Services CDL/CNL MEL	
Permanent Datum	SEC 2 TWP 12S RGE 19W	Elevation	
Log Measured From	GROUND LEVEL Elevation 2165 KELLY BUSHING 8' A.G.L	K.B. 2173 D.F. 2171 G.L. 2165	
Drilling Measured From	KELLY BUSHING		
Date	10/29/22		
Run Number	ONE		
Depth Driller	3800		
Depth Logger	3801		
Bottom Logged Interval	3799		
Top Log Interval	00		
Casing Driller	8 5/8" @ 266		
Casing Logger	266		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6,000 PPM	
Density / Viscosity	9.0/65		
pH / Fluid Loss	8.5/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.10 @ 80F		
Rmf @ Meas. Temp	.825 @ 80F		
Rmc @ Meas. Temp	1.32 @ 80F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.772 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	12:00 P.M.		
Maximum Recorded Temperature	114F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBEN		
Witnessed By	CAMERON BRIN		

<<< Fold Here >>>

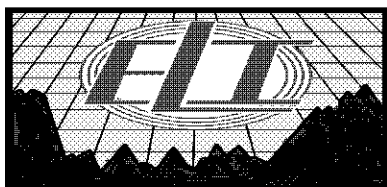
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

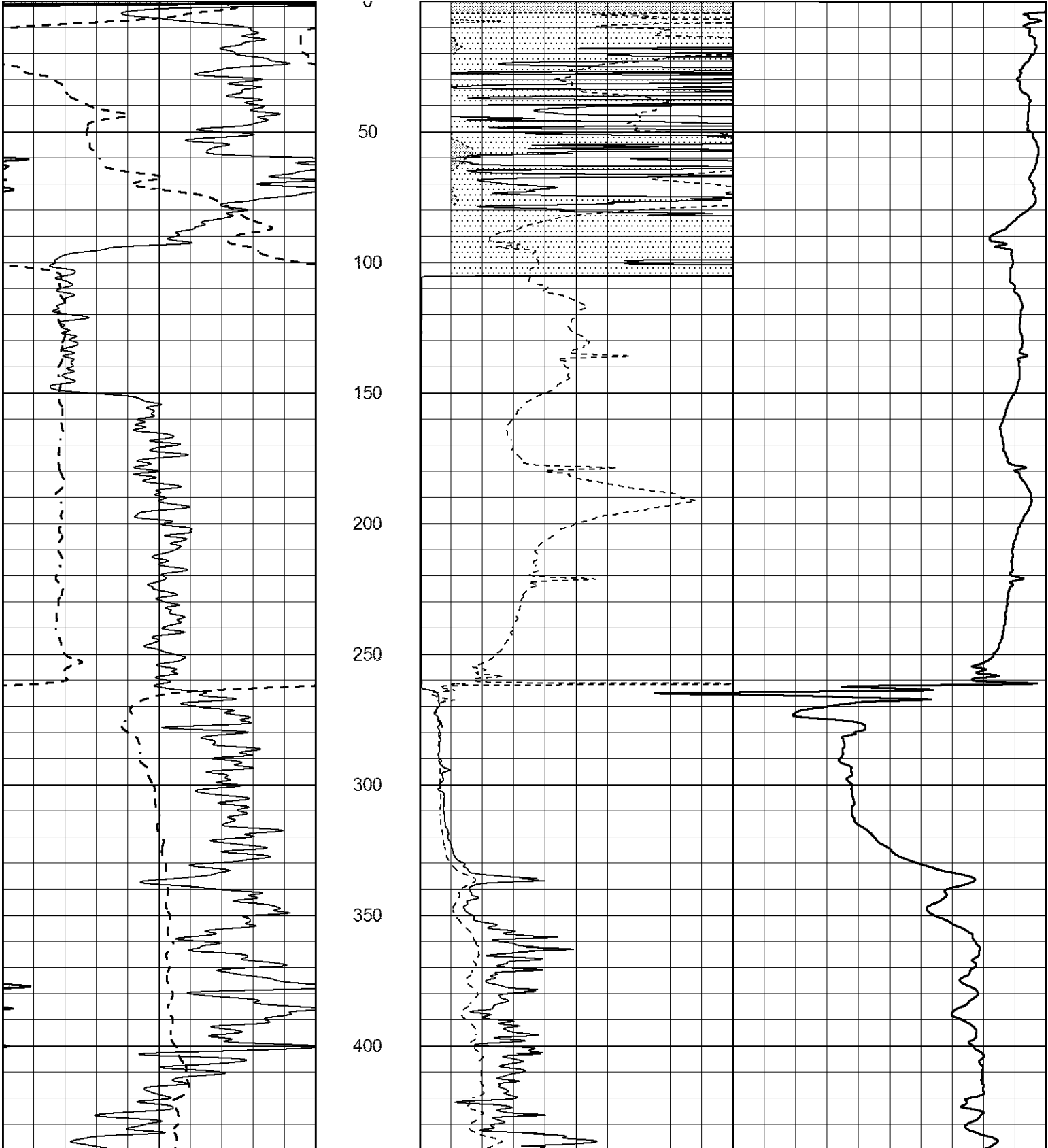
FROM YOCEMENTO/I70 GO 8 1/2 MILES NORTH TO HOMESTEAD ROAD, EAST 1 1/4 MILES,
SOUTH INTO



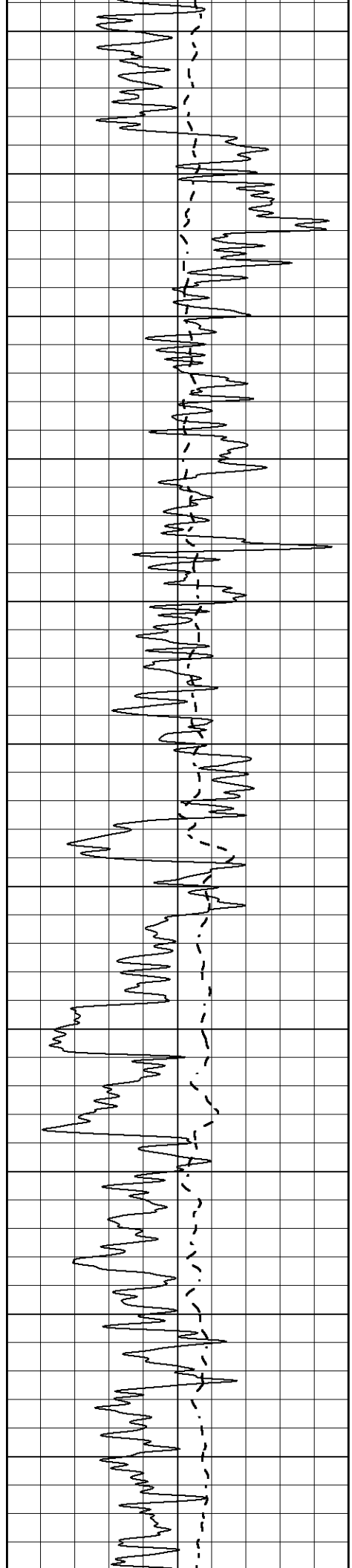
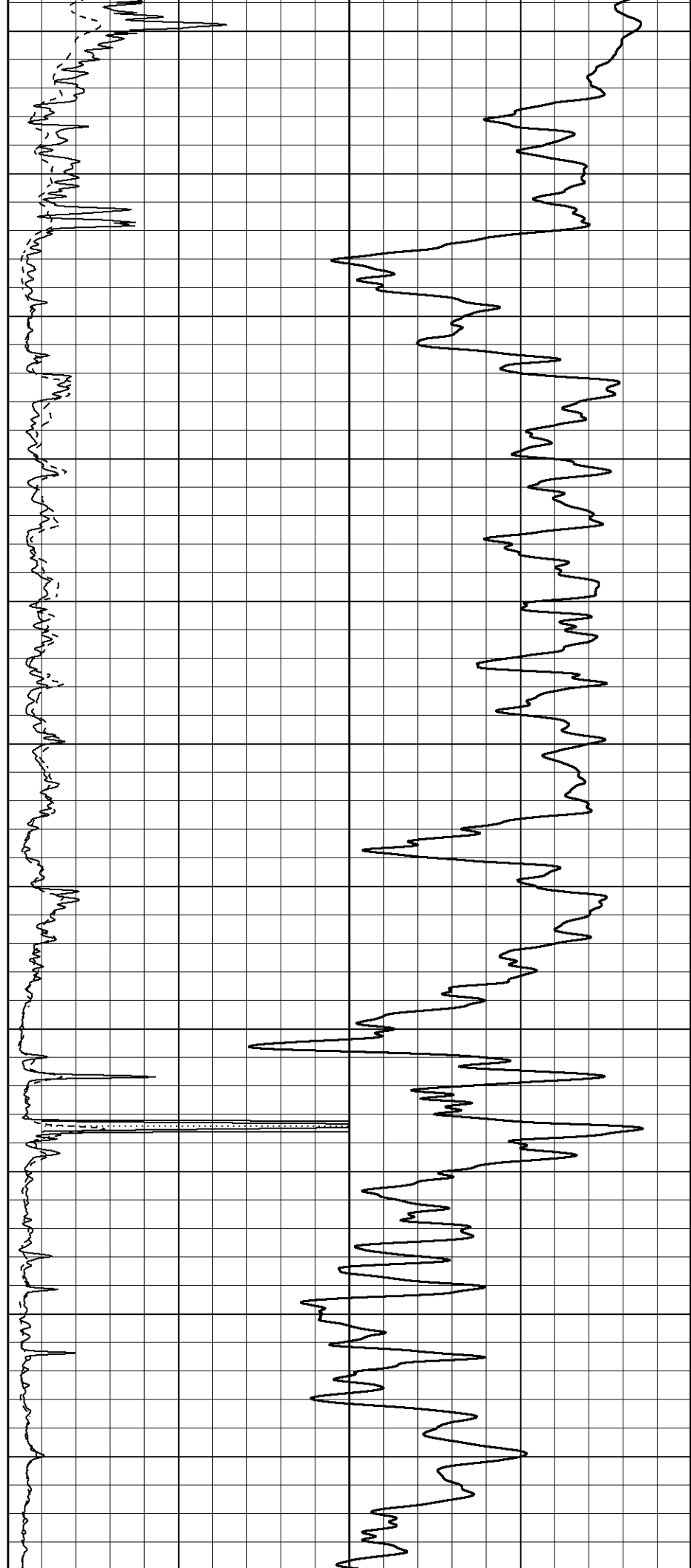
MAIN SECTION

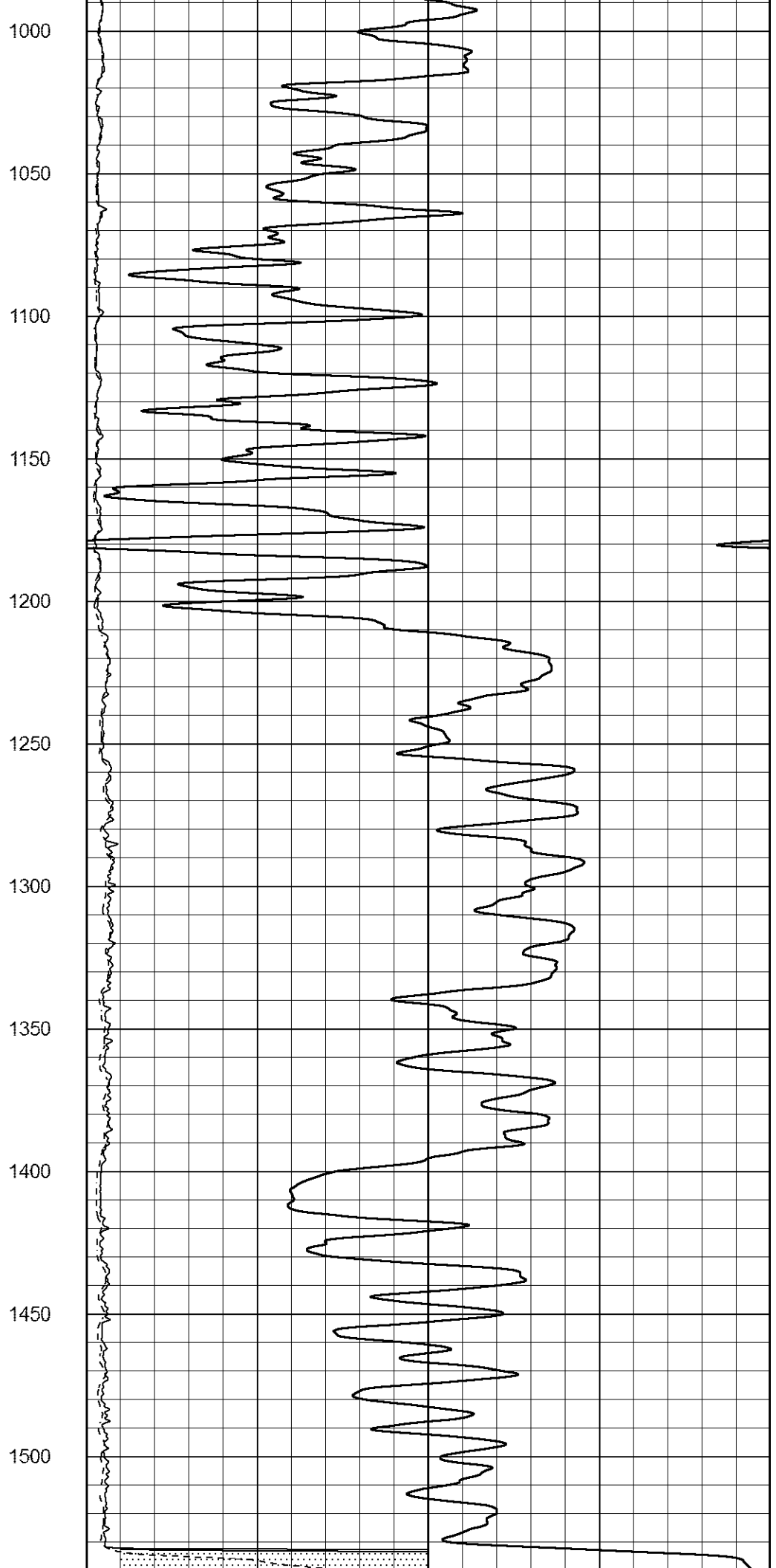
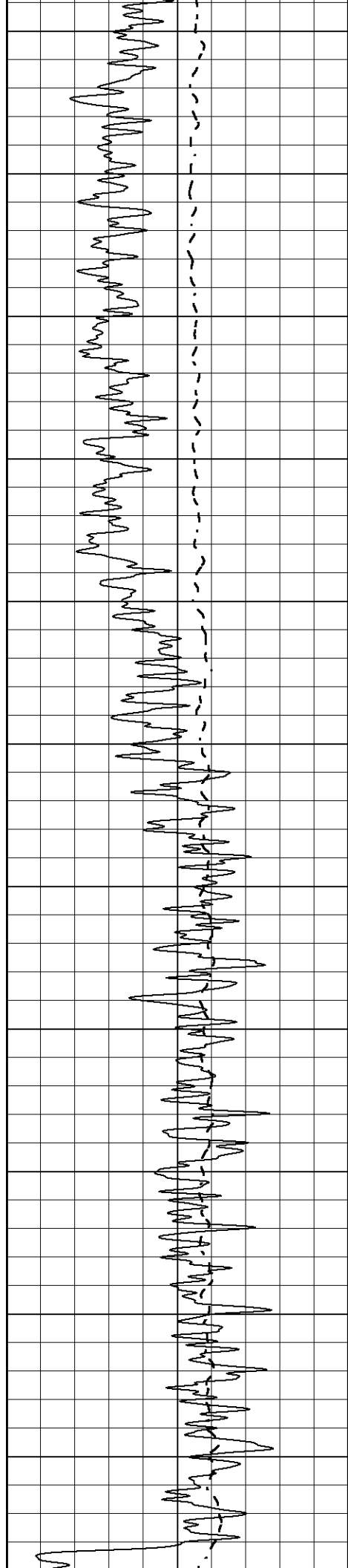
Database File	7242ddn.db
Dataset Pathname	pass3M
Presentation Format	_dil2
Dataset Creation	Sat Oct 29 13:25:49 2022
Charted by	Depth in Feet scaled 1:600

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

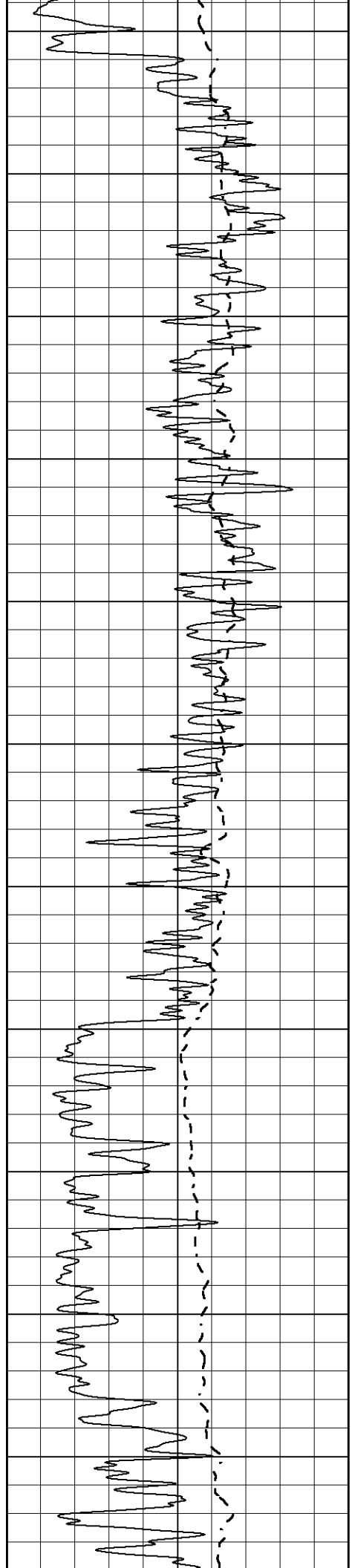
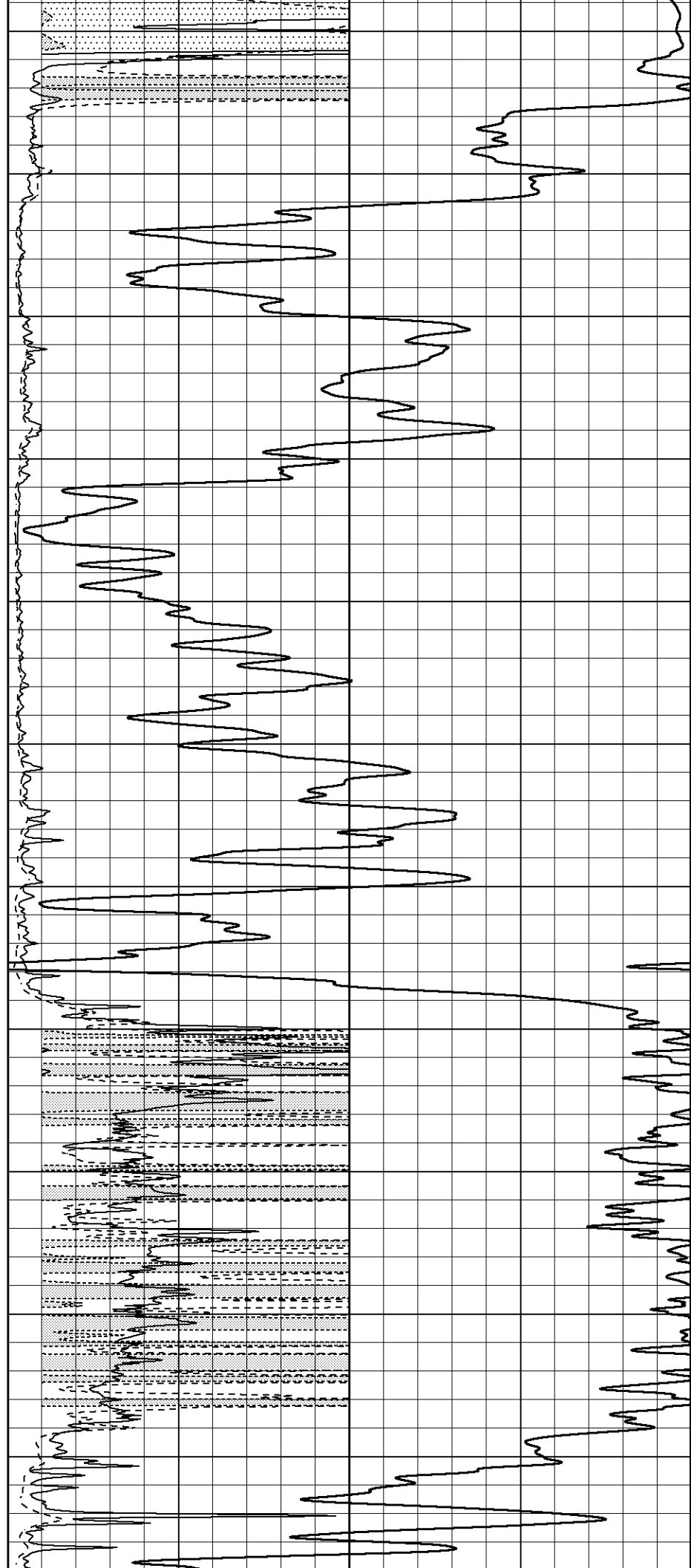


450
500
550
600
650
700
750
800
850
900
950





1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050



2100

2150

2200

2250

2300

2350

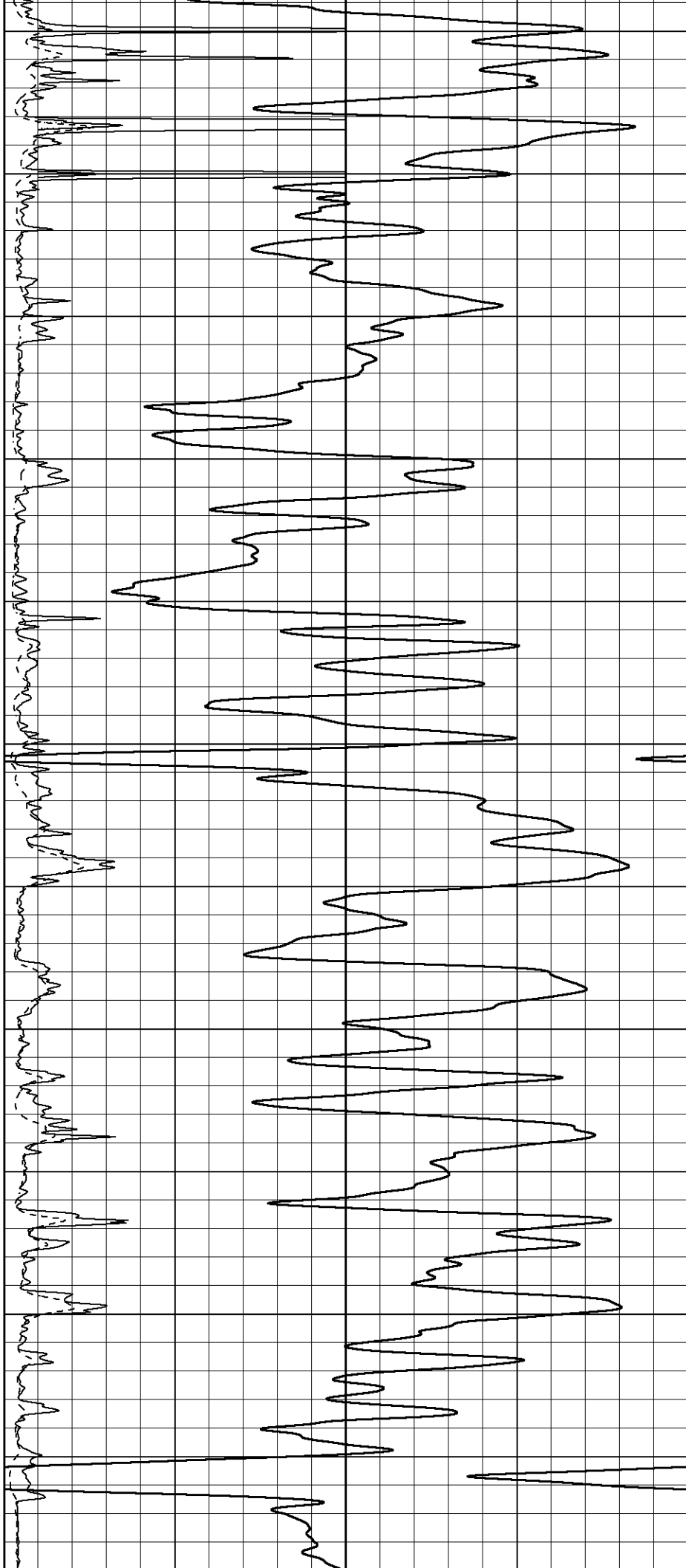
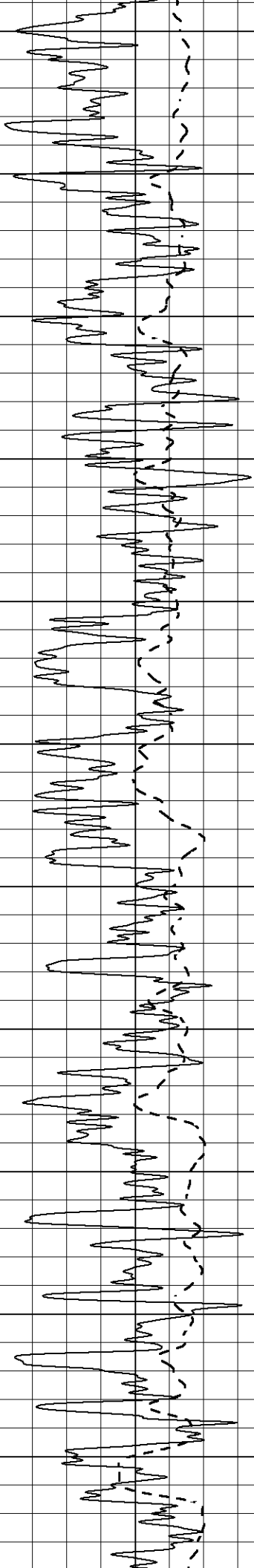
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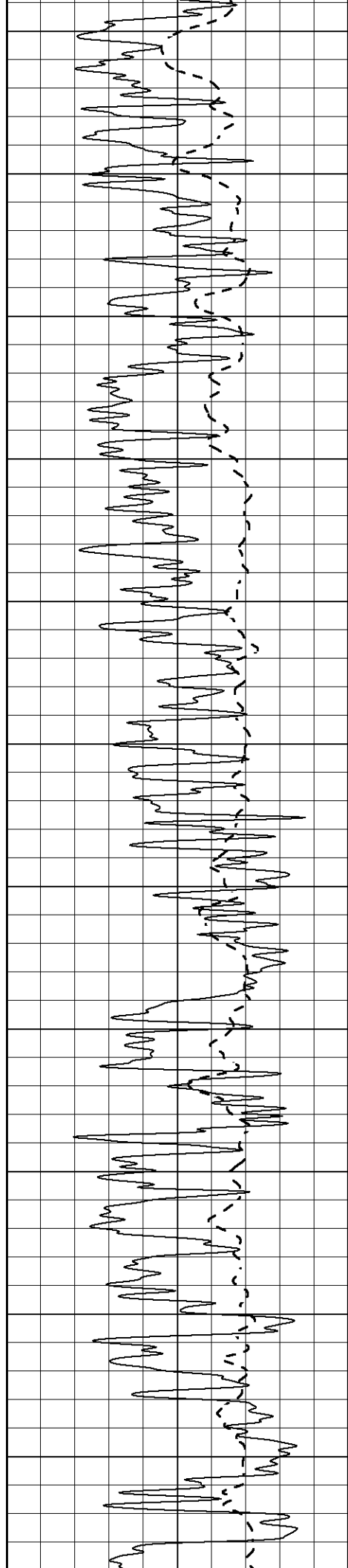
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2500

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2600





2650

2700

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2800

2850

2900

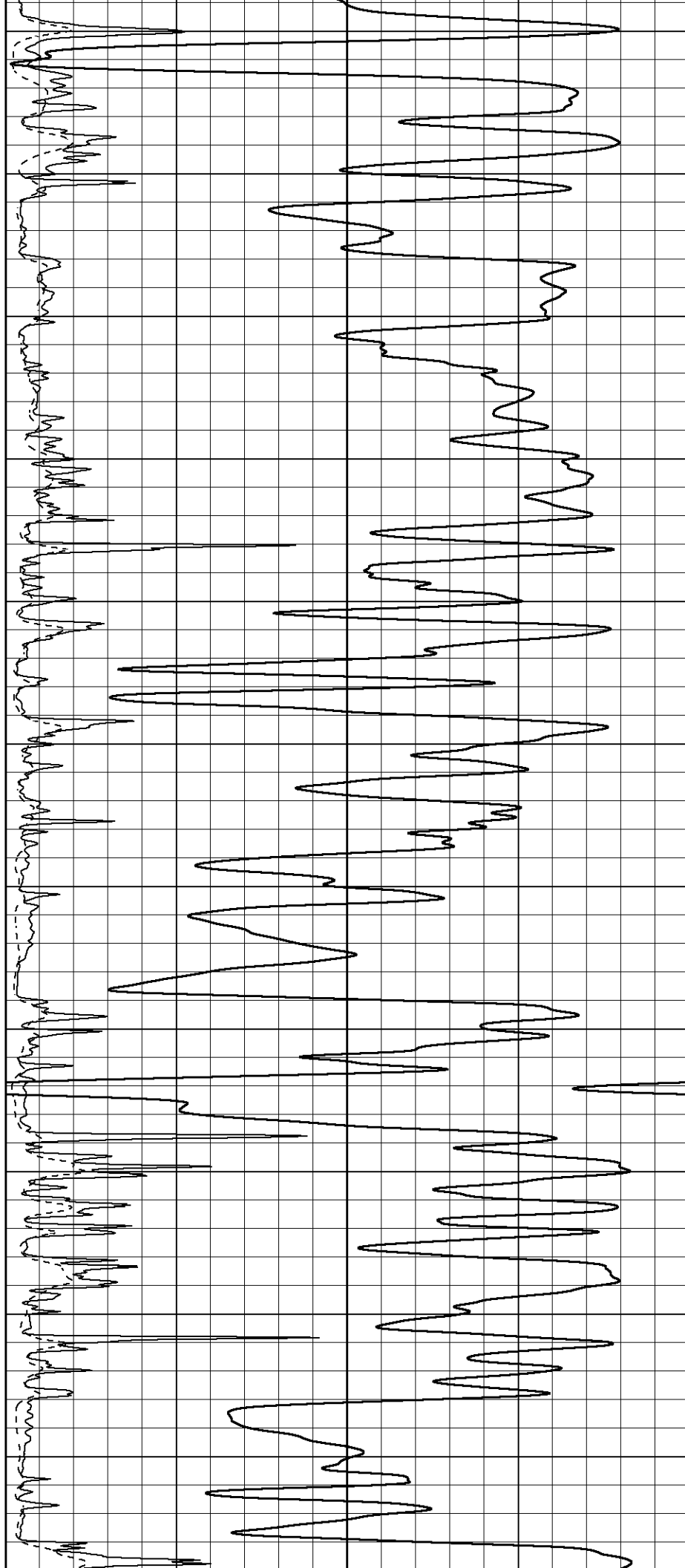
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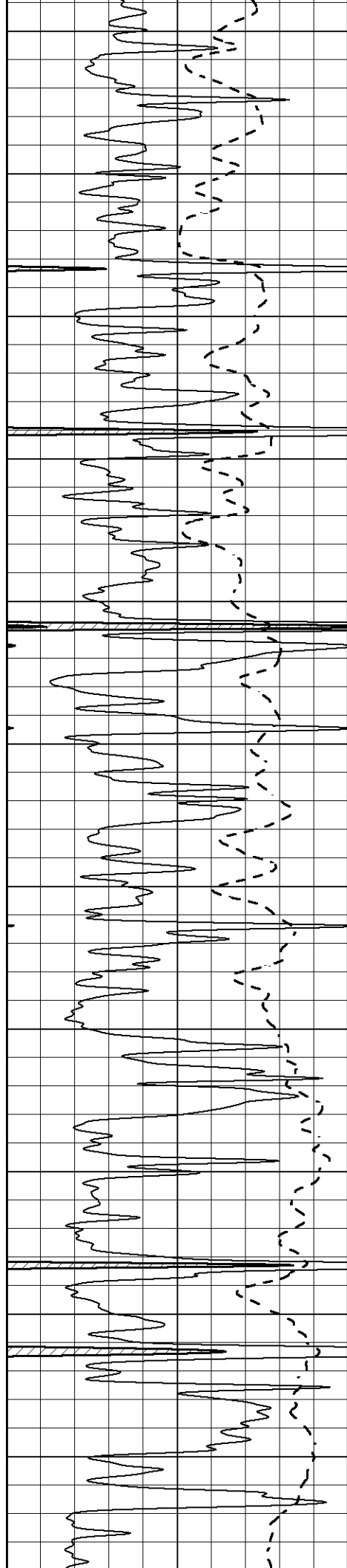
3000

3050

3100

3150





3200

3250

3300

3350

3400

3450

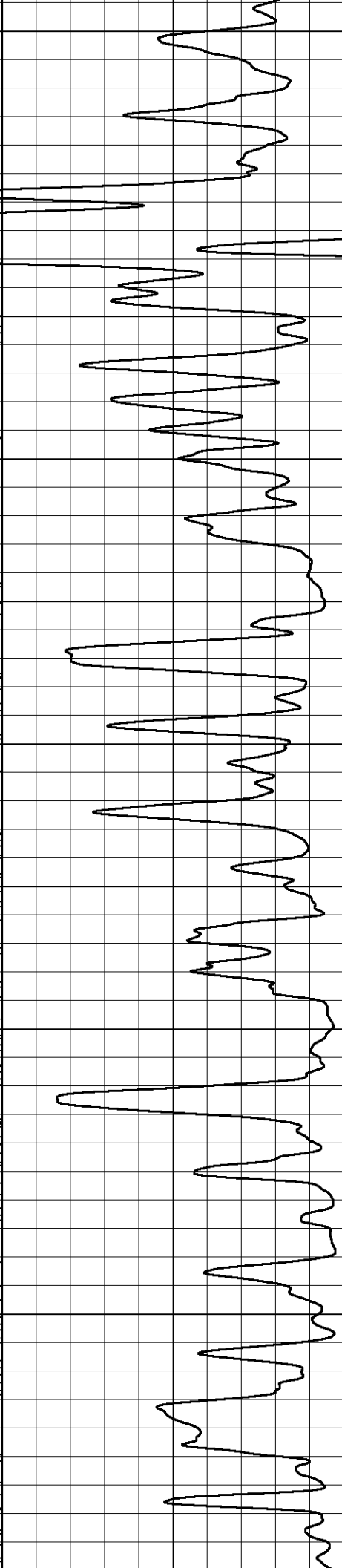
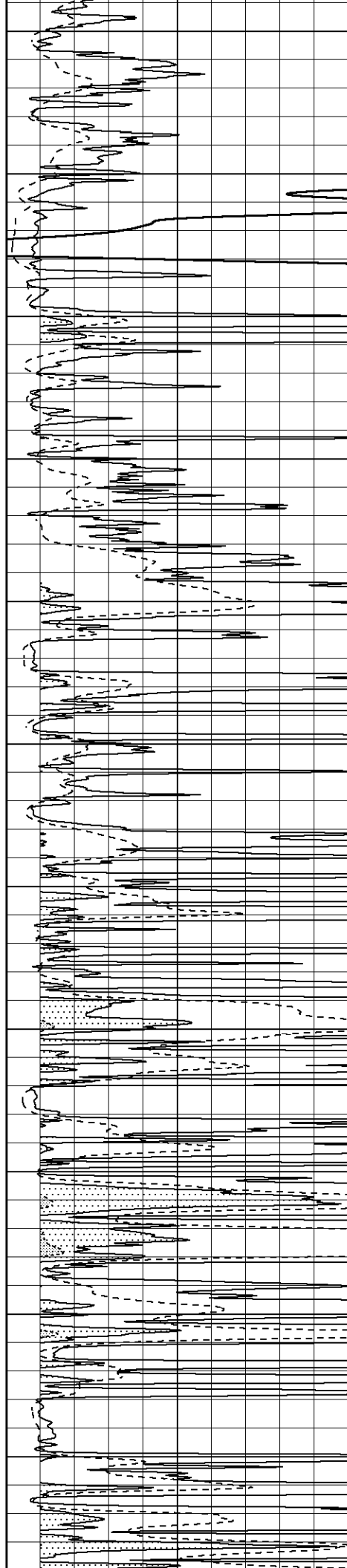
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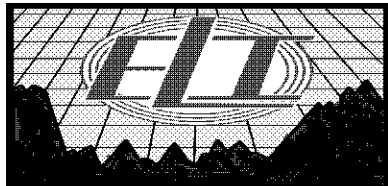
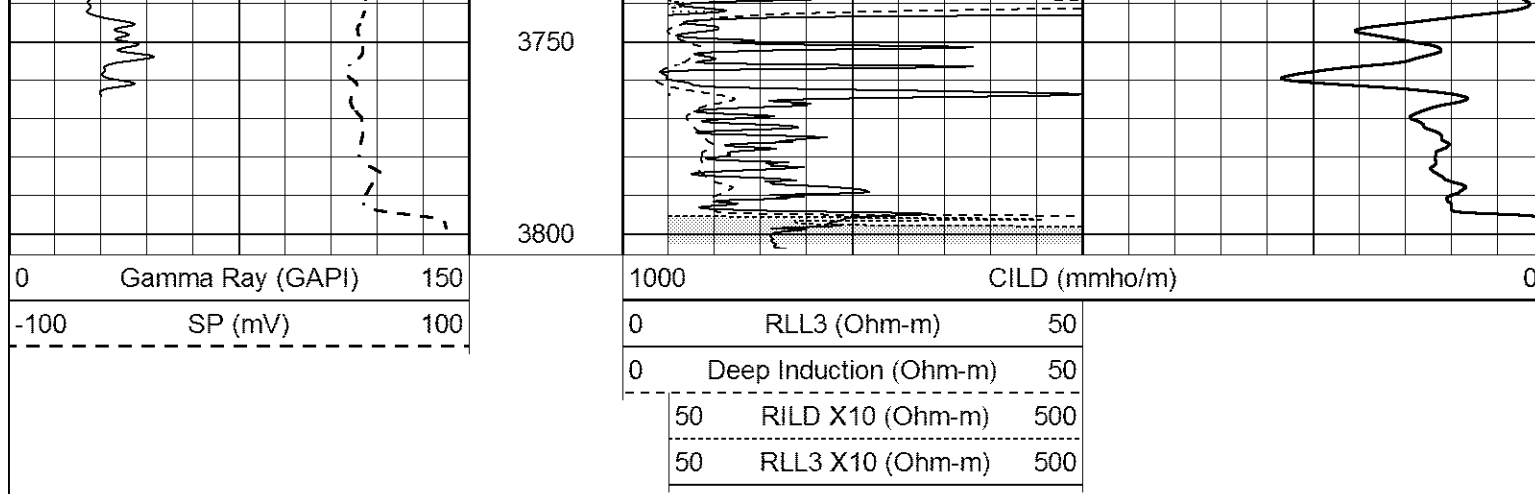
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3600

3650

3700

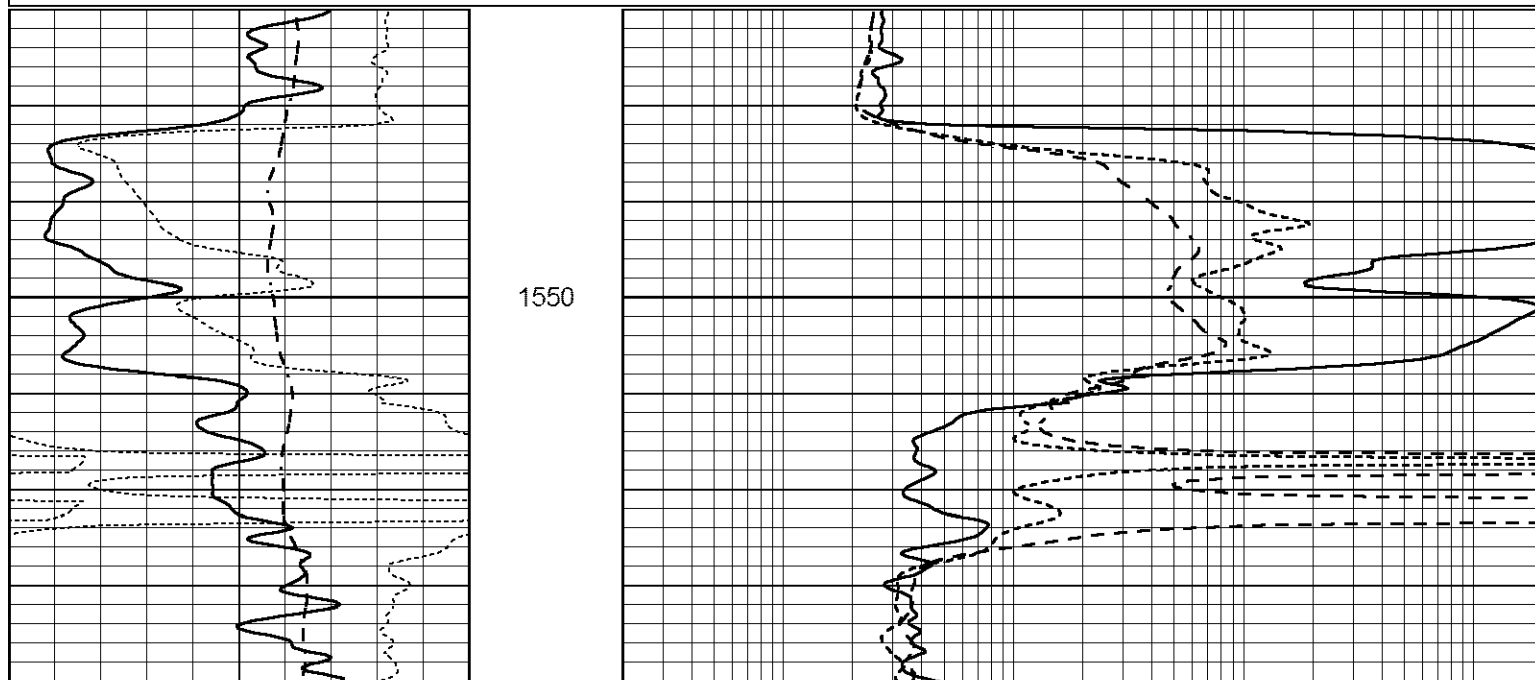




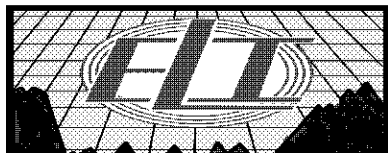
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Database File 7242ddn.db
 Dataset Pathname pass3A
 Presentation Format _dil
 Dataset Creation Sat Oct 29 13:11:39 2022
 Charted by Depth in Feet scaled 1:240

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/Rt	50	0.2	DEEP INDUCTION (Ohm-m)	2000



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

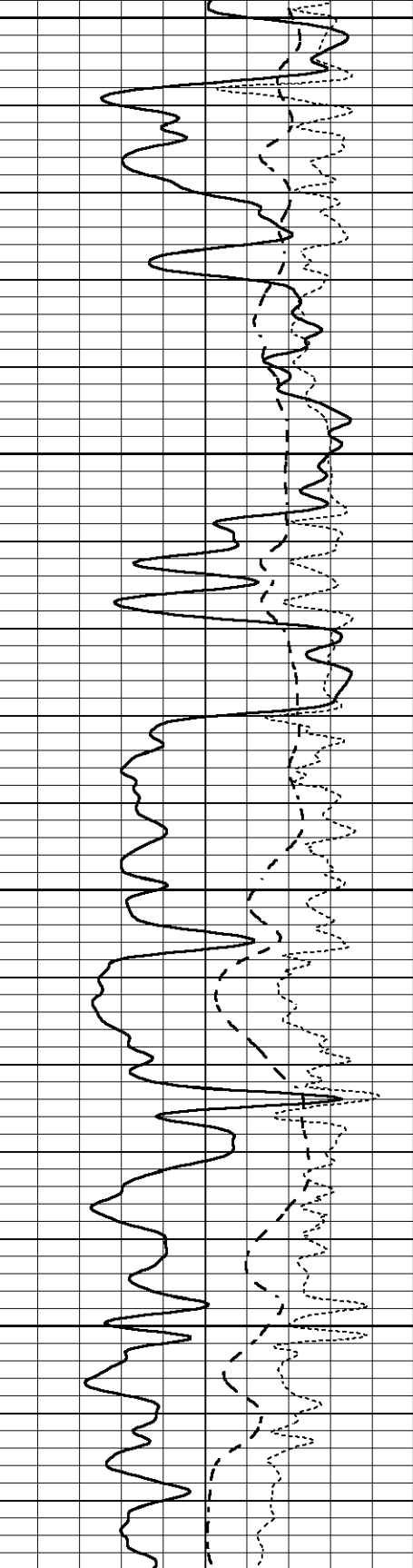


MAIN SECTION

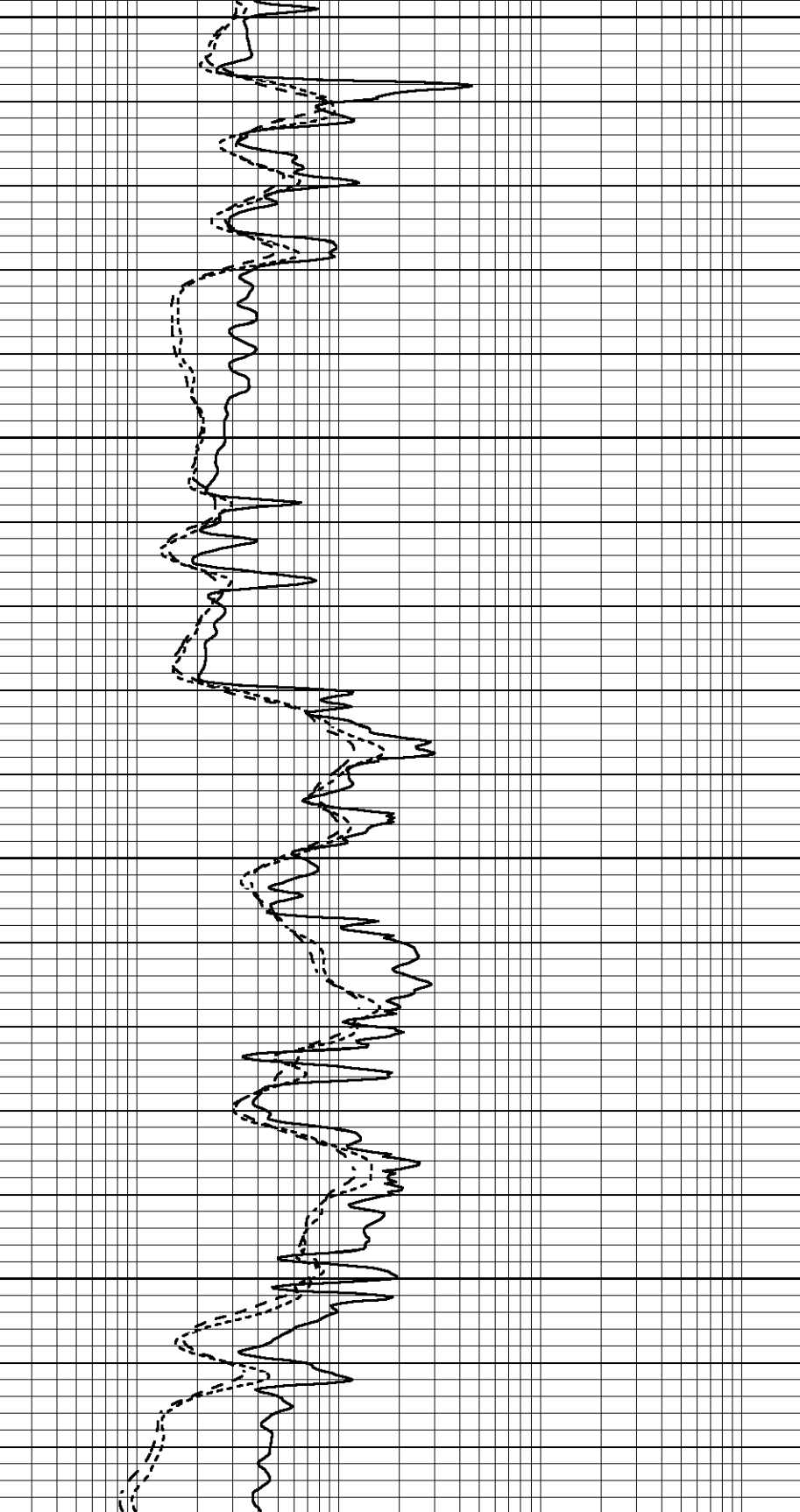
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Dataset Pathname pass3D
Presentation Format _dil
Dataset Creation Sat Oct 29 13:00:15 2022
Charted by Depth in Feet scaled 1:240

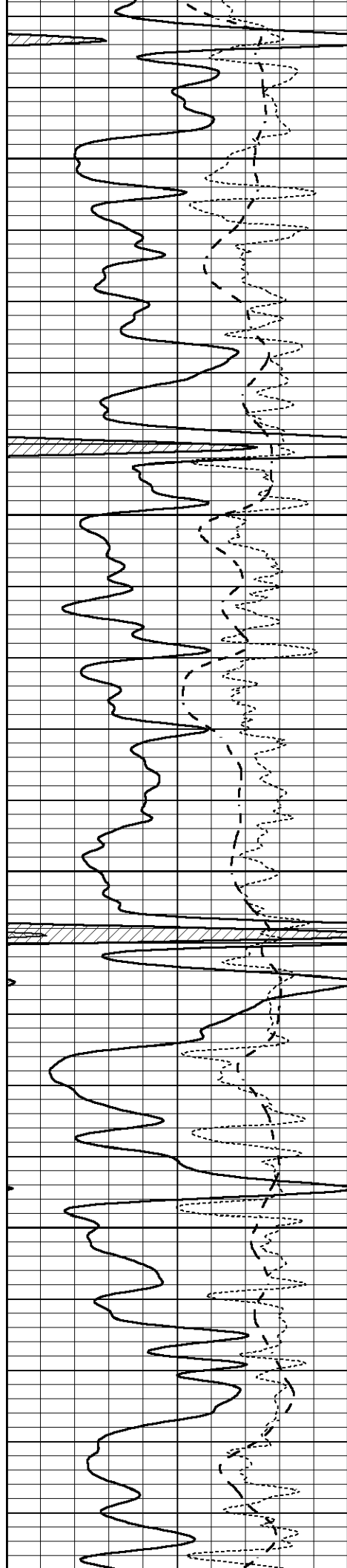
0 GAMMA RAY (GAPI) 150
-100 SP (mV) 100
-250 Rxo/Rt 50

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



3100
3150
3200
3250



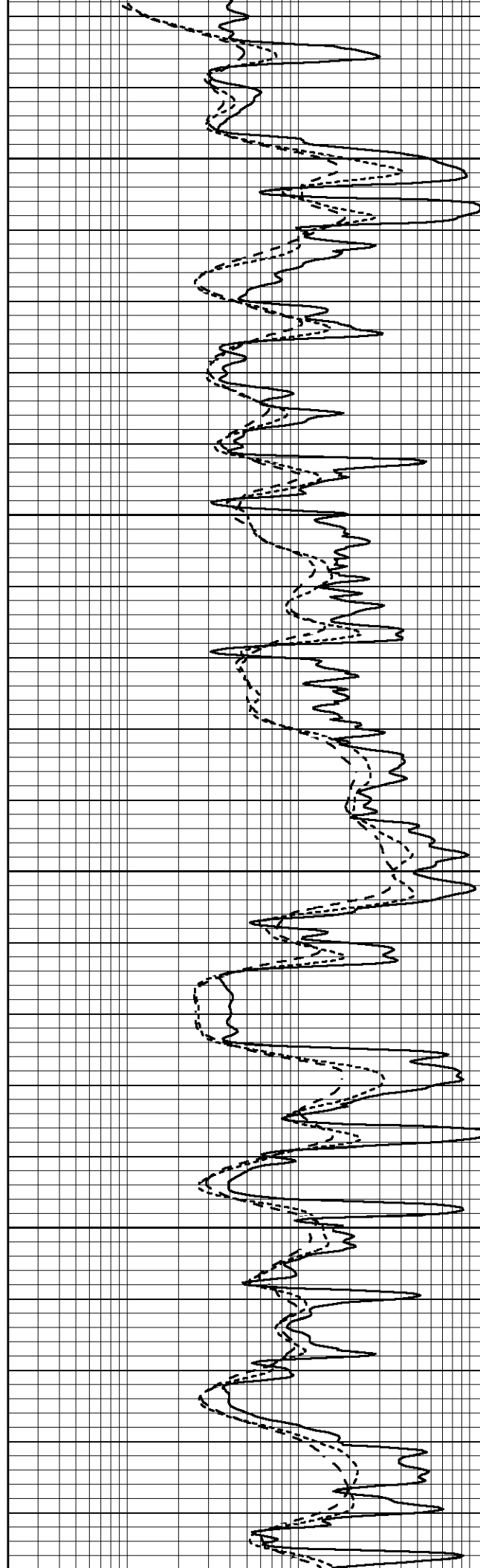


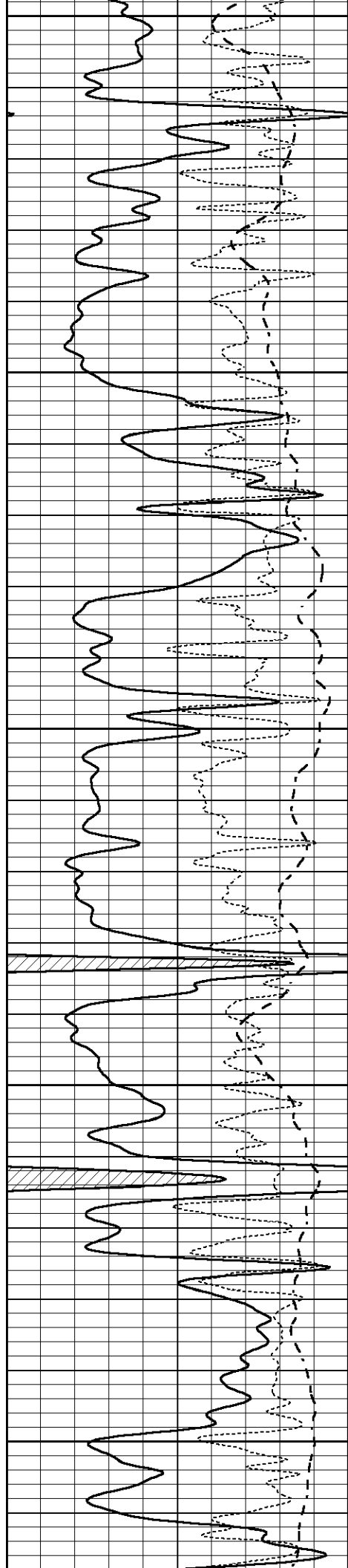
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3350

3400

3450





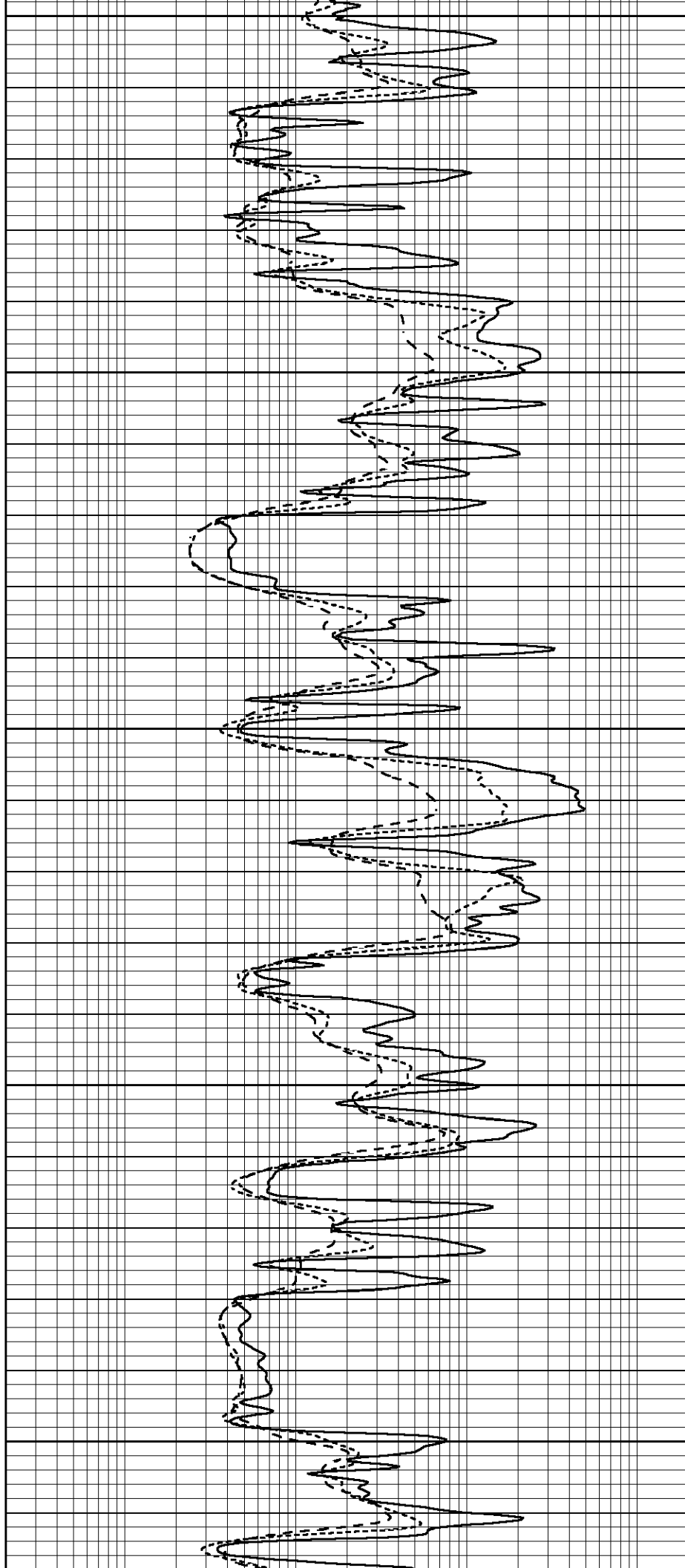
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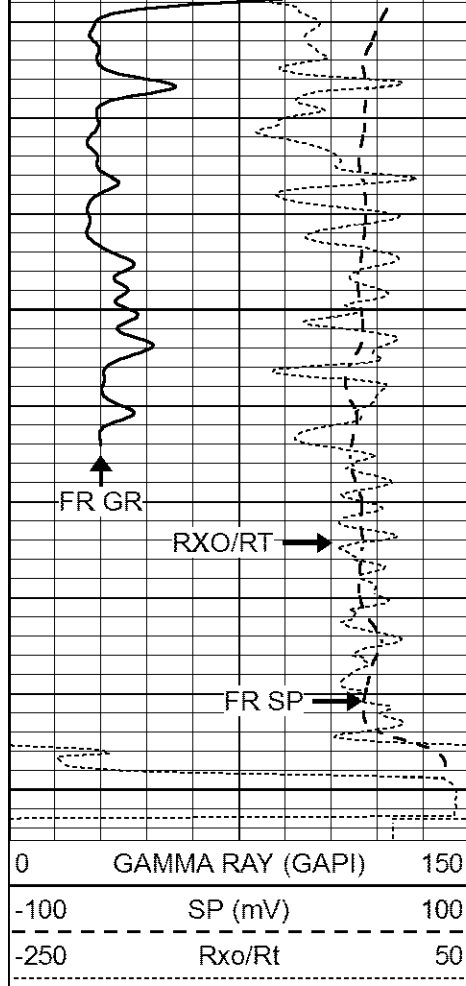
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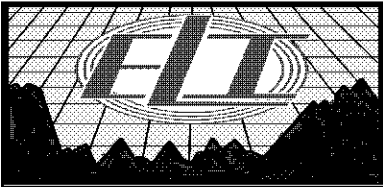
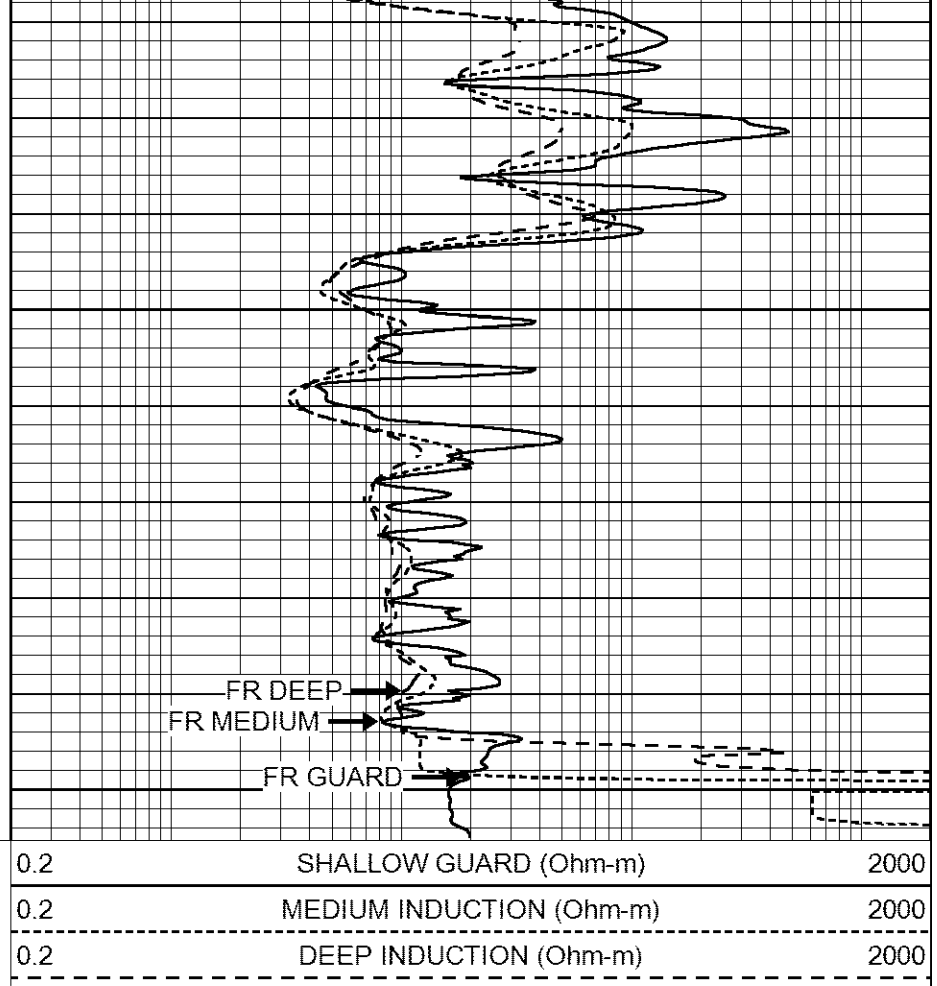
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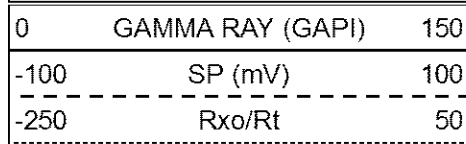
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3800
LTD 3801



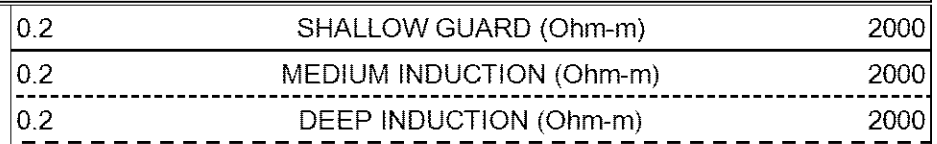
REPEAT SECTION

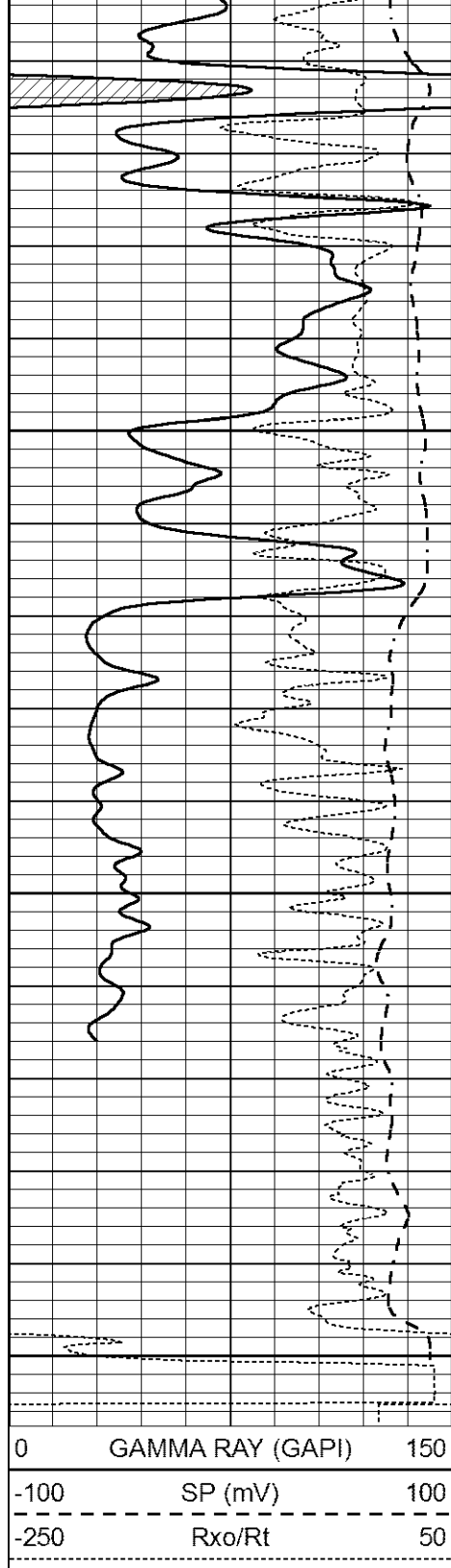
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 Presentation Format _dil
 Dataset Creation Sat Oct 29 13:04:39 2022
 Charted by Depth in Feet scaled 1:240



3600

3650

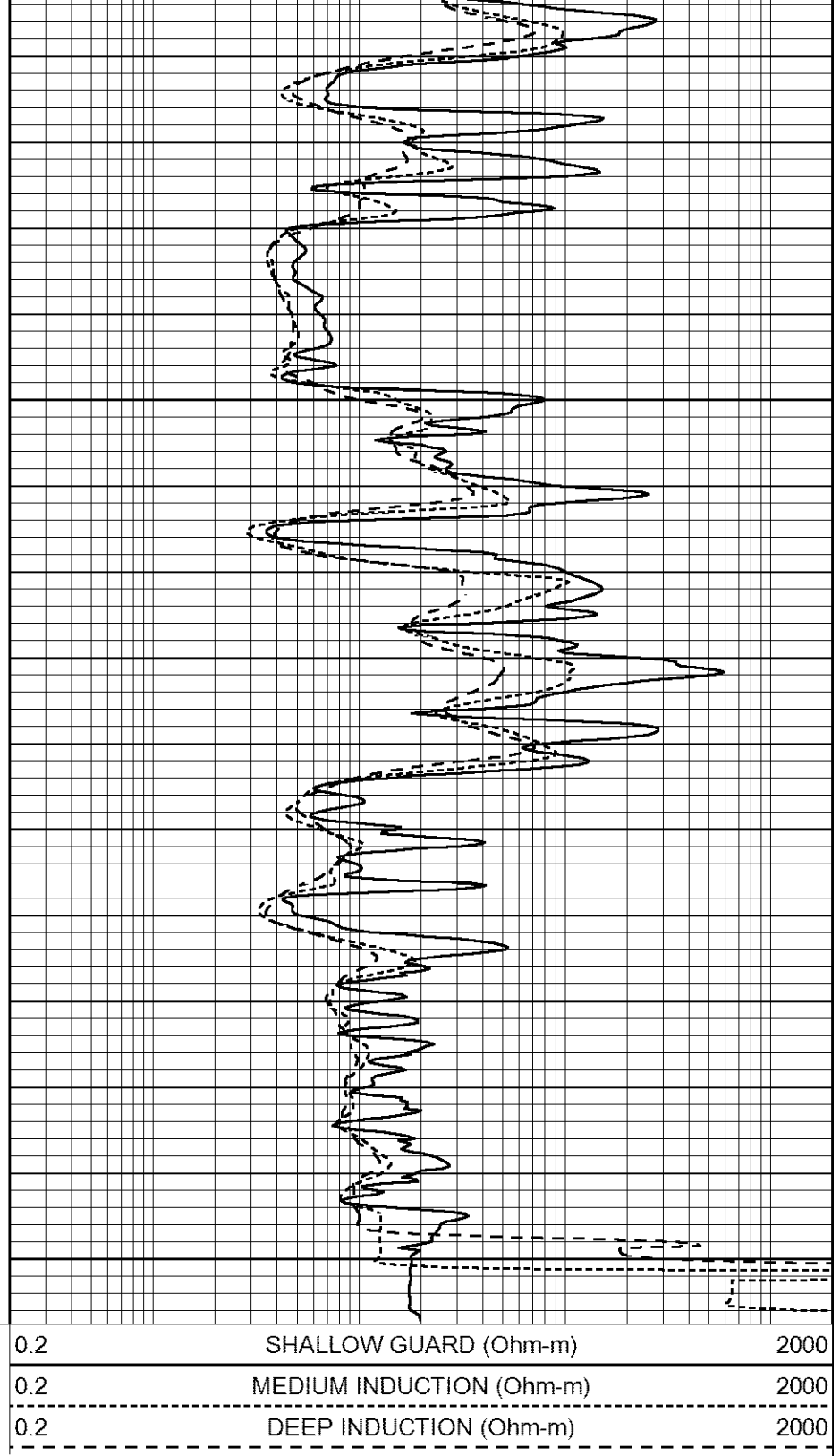




3700

3750

3800



Calibration Report

Database File 7242ddn.db
 Dataset Pathname pass3M
 Dataset Creation Sat Oct 29 13:25:49 2022

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe
 Surface Cal Performed: Thu Jun 30 01:48:00 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	650.000	-3.000
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	632.856	-10.500
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: Tue Oct 25 14:02:07 2022				
	Background	Aluminum	Magnesium					
Window 1	501.98	5377.33	23235.87	cps				
Window 2	38.66	1167.13	5462.52	cps				
Window 4	219.95	1265.38	5296.65	cps				
Window 5	535.47	7345.58	14269.59	cps				
Window 6	42.48	1172.64	2113.12	cps				
Window 8	252.82	2368.74	4743.90	cps				
Bulk Density	-	2.6020	1.6830	g/cc				
Pe	-	3.0000	2.5070	b/e				
LS Alpha:	: -1.8018	SS Alpha:	: -0.8503	LS CPE:	: 1.2527			
LS Beta:	: 116585.8005	SS Beta:	: 19984.2984	SS CPE:	: 1.5732			

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 Oct 25 14:02:07 2022	
Results	Readings	References (in)			
Low	High	Low	High	Gain	Offset
9378.6	12243.0	8.0	14.0	0.0	-11.5

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:	Thu May 26 08:56:46 2022		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.5500	GAPI/cps	