



DUAL INDUCTION LOG

Company	PLATEAU OPERATING CORPORATION	Company	PLATEAU OPERATING CORPORATION
Well	LEVEN #2	Well	LEVEN #2
Field	NA	Field	NA
County	HAMILTON	County	HAMILTON
State	KANSAS	State	KANSAS
Location:	API # : 15-075-20904-0000 660' FNL & 660' FWL	Other Services CDL/CNL/PE MEL	
Permanent Datum	SEC 6 TWP 25S RGE 40W	Elevation	
Log Measured From	GROUND LEVEL Elevation 3356 KELLY BUSHING 7' A.G.L	K.B. 3363 D.F. 3361 G.L. 3356	
Drilling Measured From	KELLY BUSHING		
Date	8/17/21		
Run Number	ONE		
Depth Driller	2600		
Depth Logger	2595		
Bottom Logged Interval	2593		
Top Log Interval	00		
Casing Driller	8 5/8" @ 1115		
Casing Logger	1115		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4/34		
pH / Fluid Loss	8.0/NC		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.75 @ 70F		
Rmf @ Meas. Temp	.56 @ 70F		
Rmc @ Meas. Temp	.90 @ 70F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.50 @ 103F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	103F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	BILL KERRIGAN		

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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
SYRACUSE, KS. - 5 SOUTH - EAST INTO

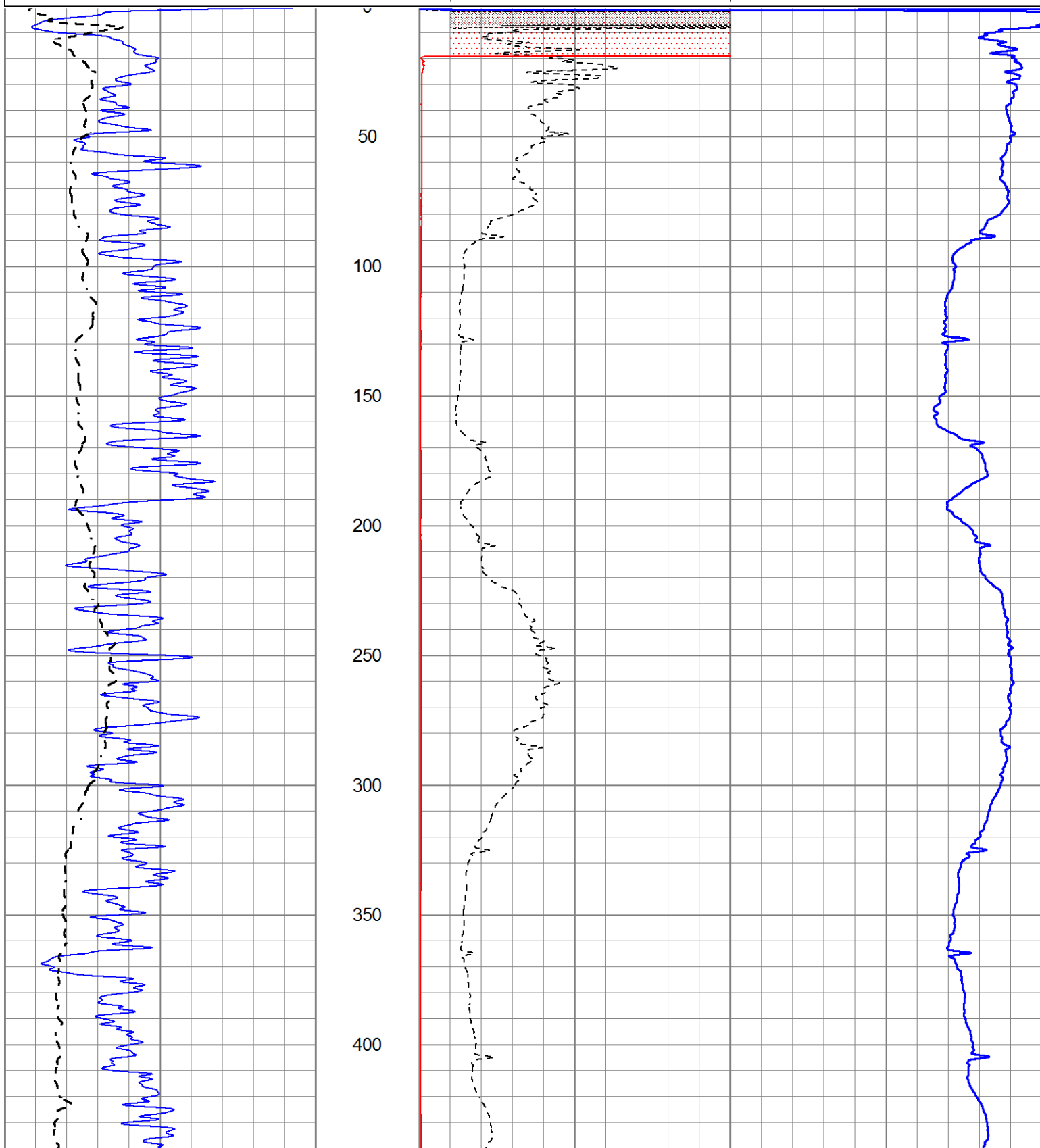


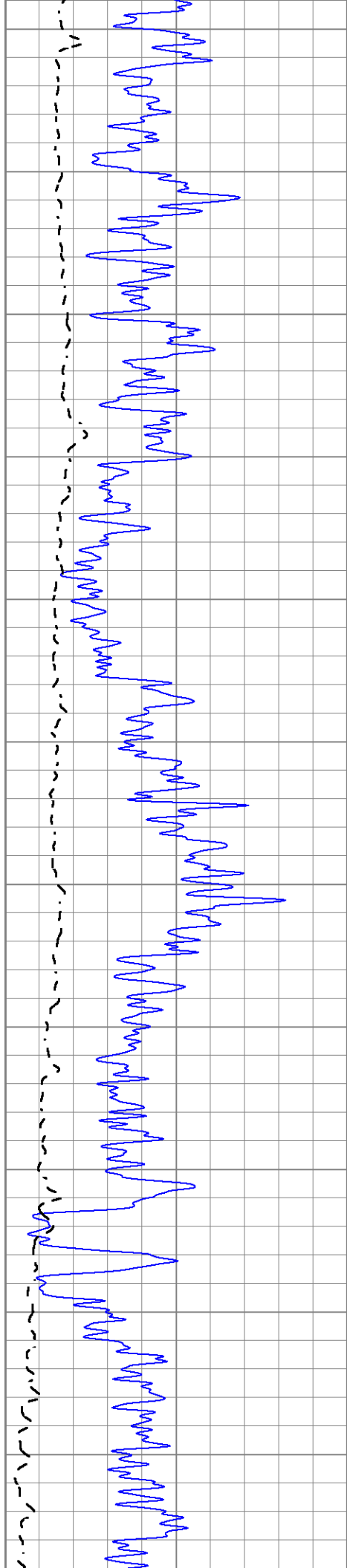
MAIN SECTION

Database File 5642pe.db
Dataset Pathname pass3.2
Presentation Format _dil2
Dataset Creation Tue Aug 17 10:12:04 2021
Charted by Depth in Feet scaled 1:600

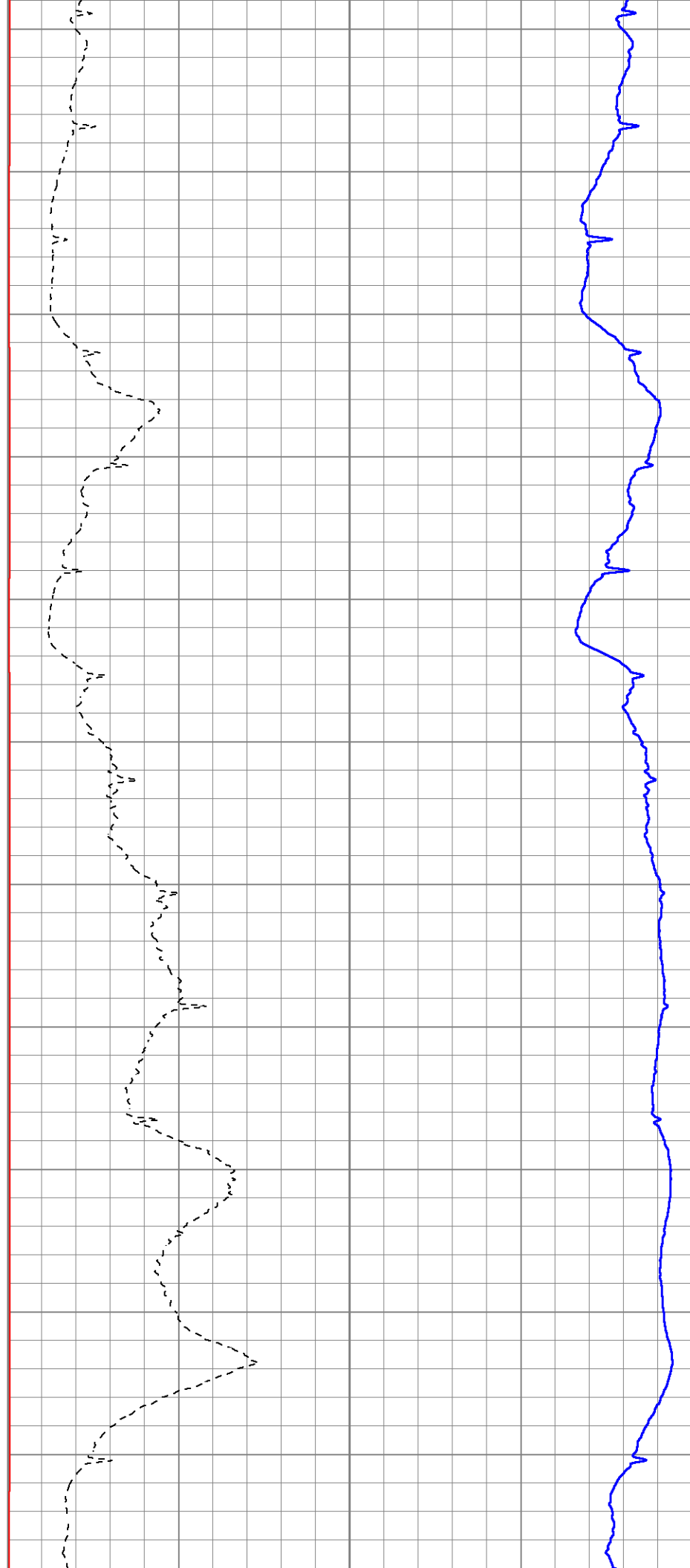
0	Gamma Ray (GAPI)	150
-100	SP (mV)	100

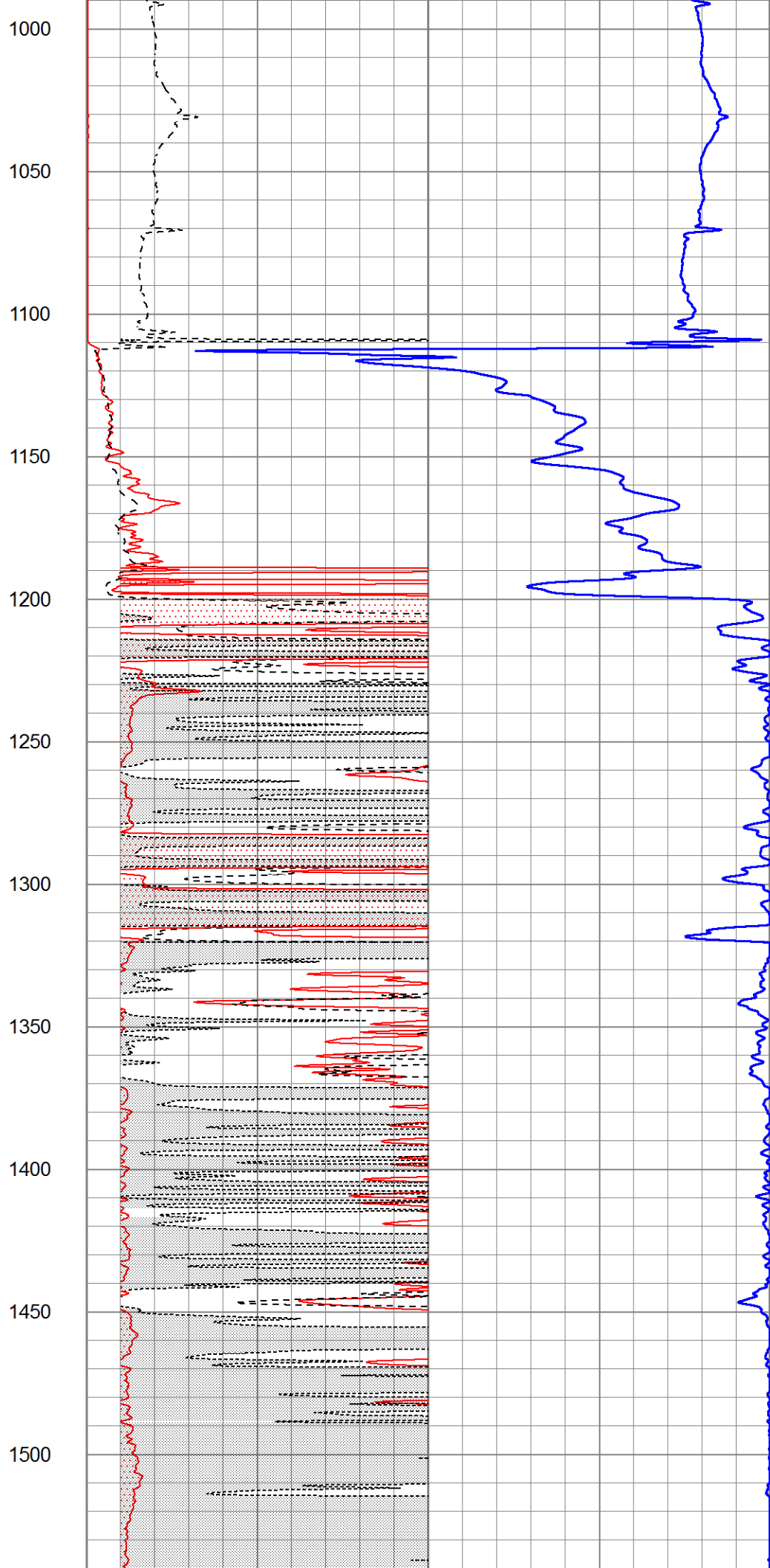
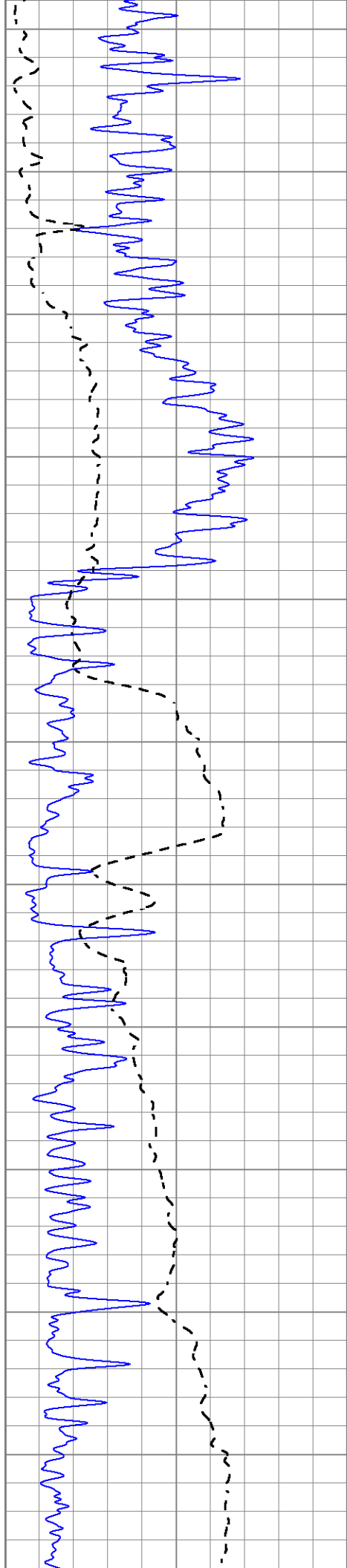
1000	CILD (mmho/m)	0
0	RLL3 (Ohm-m)	50
0	Deep Induction (Ohm-m)	50
50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500

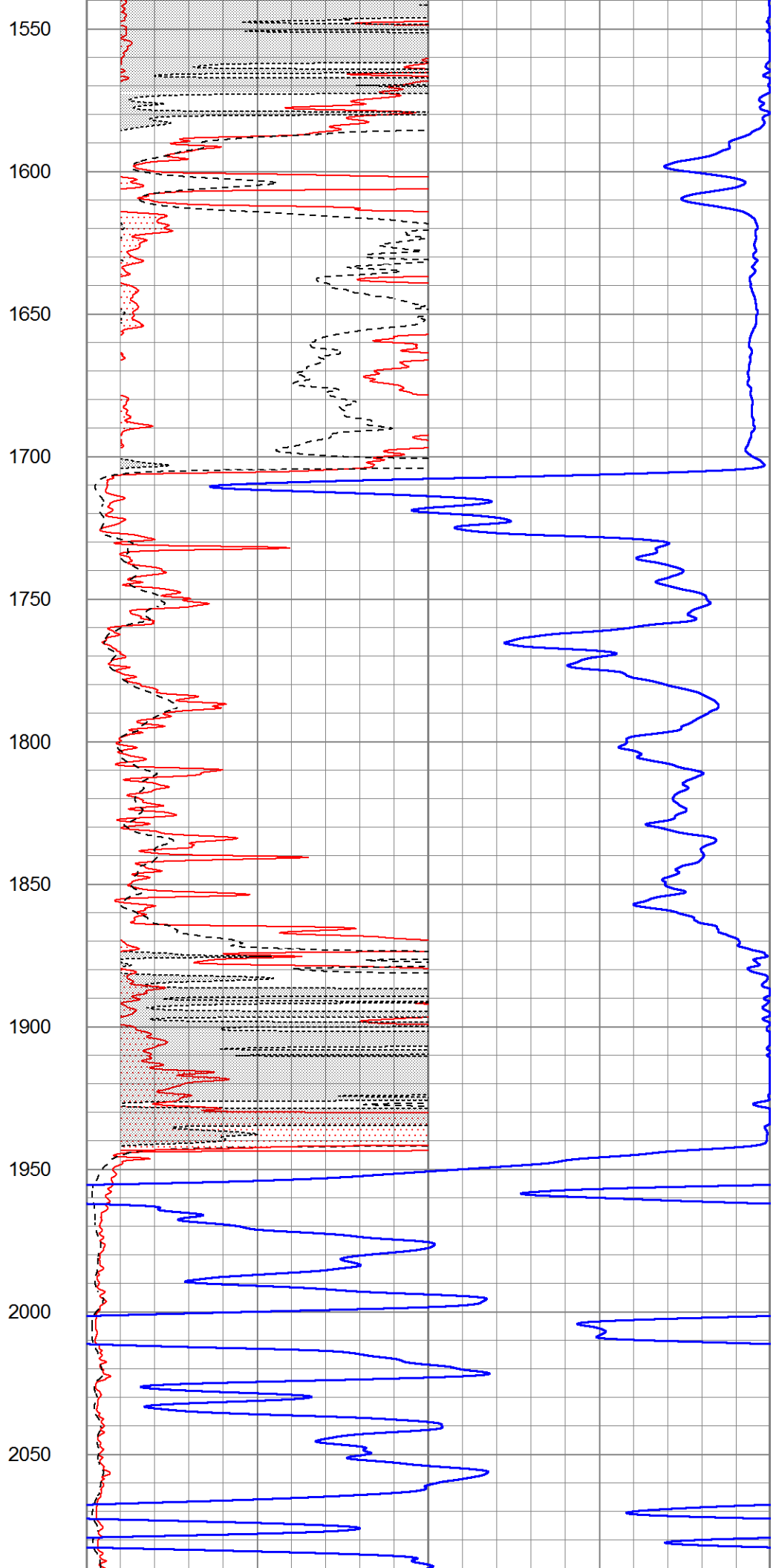
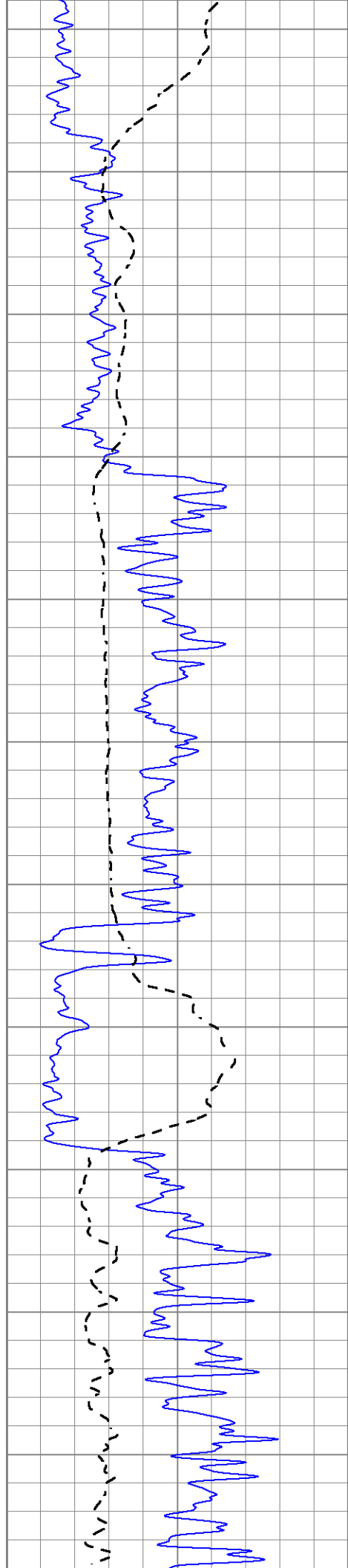


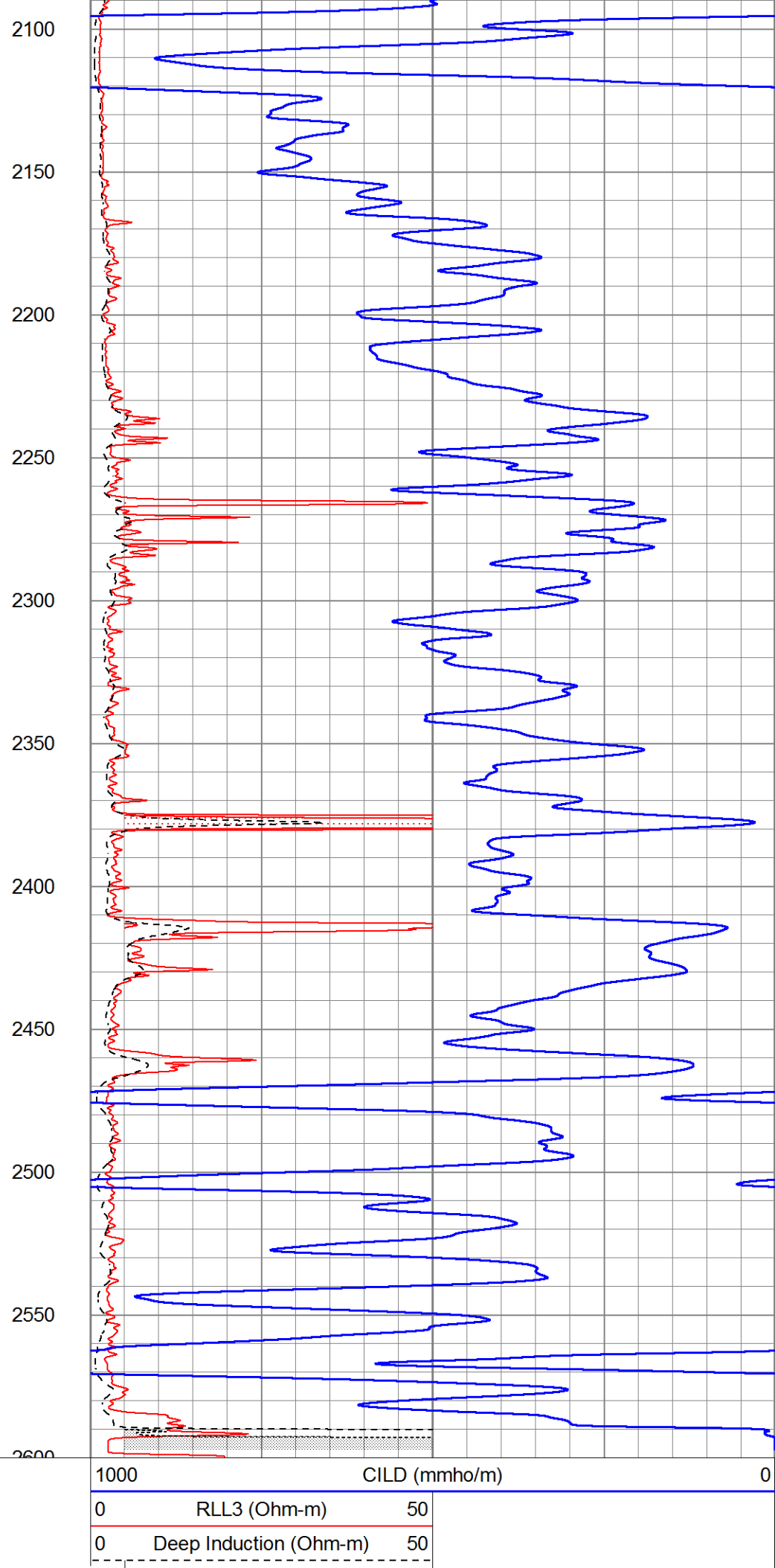
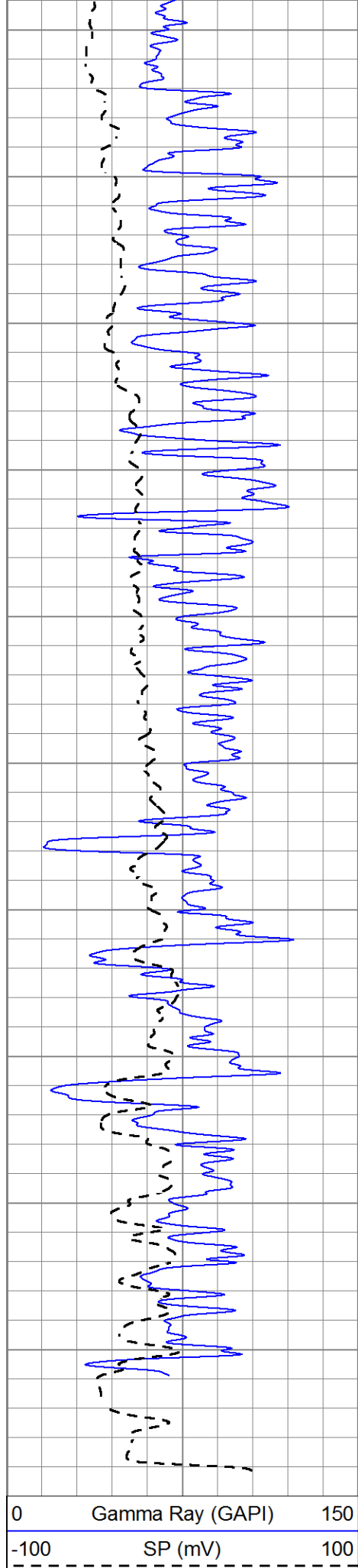


450
500
550
600
650
700
750
800
850
900
950









50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500

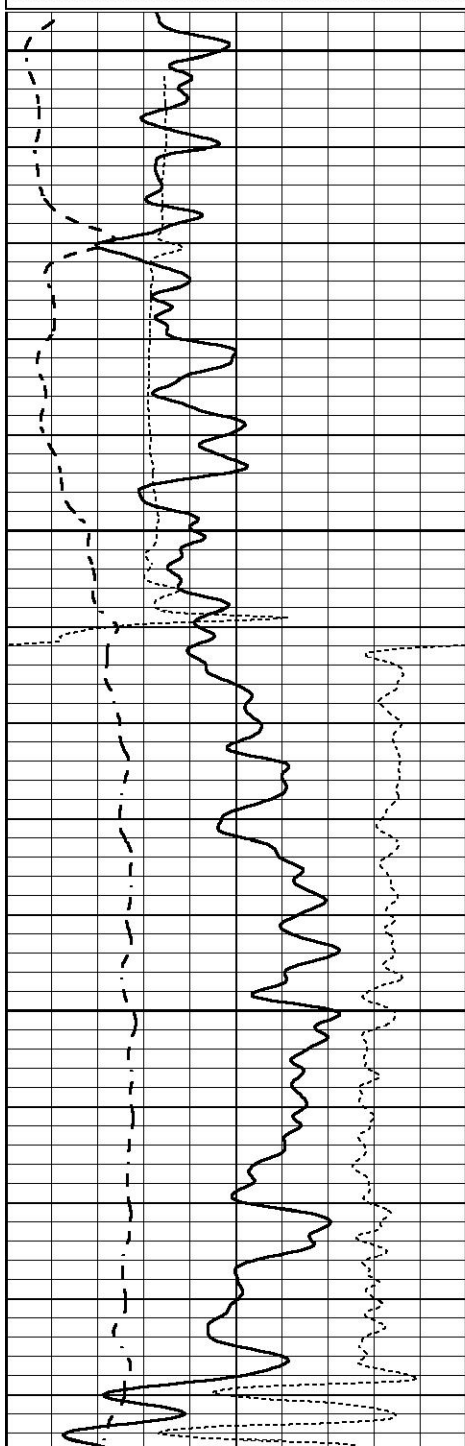


MAIN SECTION

Database File 5642pe.db
 Dataset Pathname pass3.1
 Presentation Format _dil
 Dataset Creation Tue Aug 17 09:53:55 2021
 Charted by Depth in Feet scaled 1:240

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

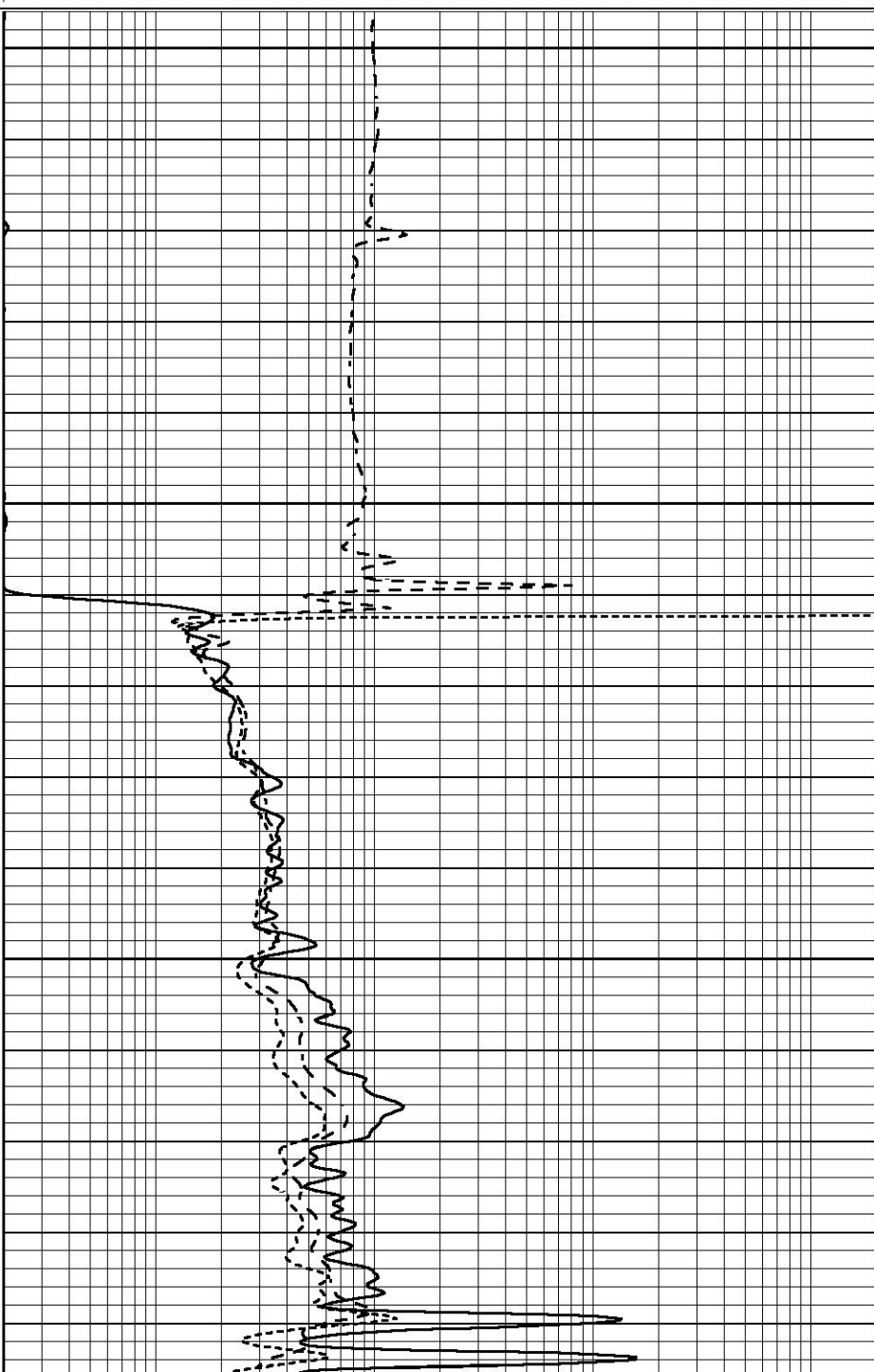
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

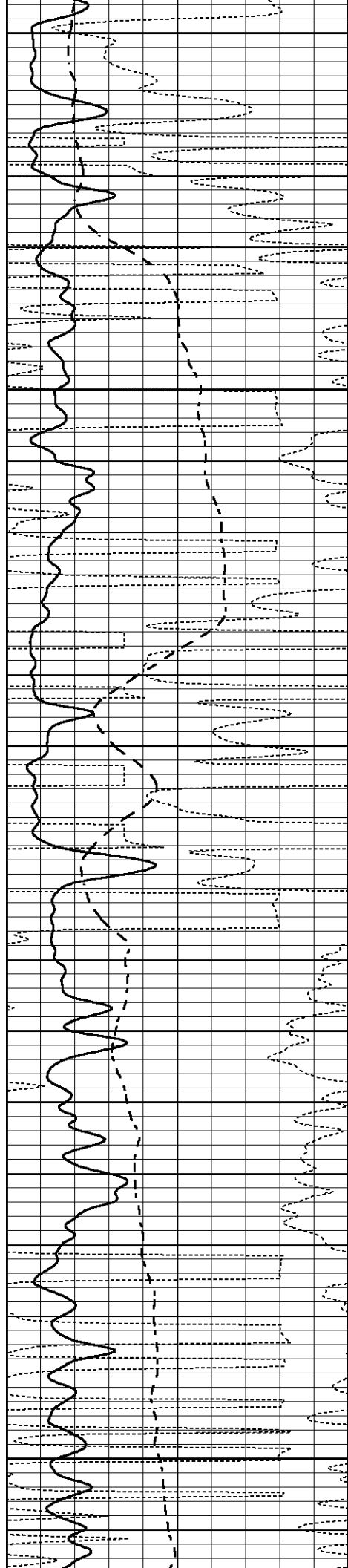


1050

1100

1150





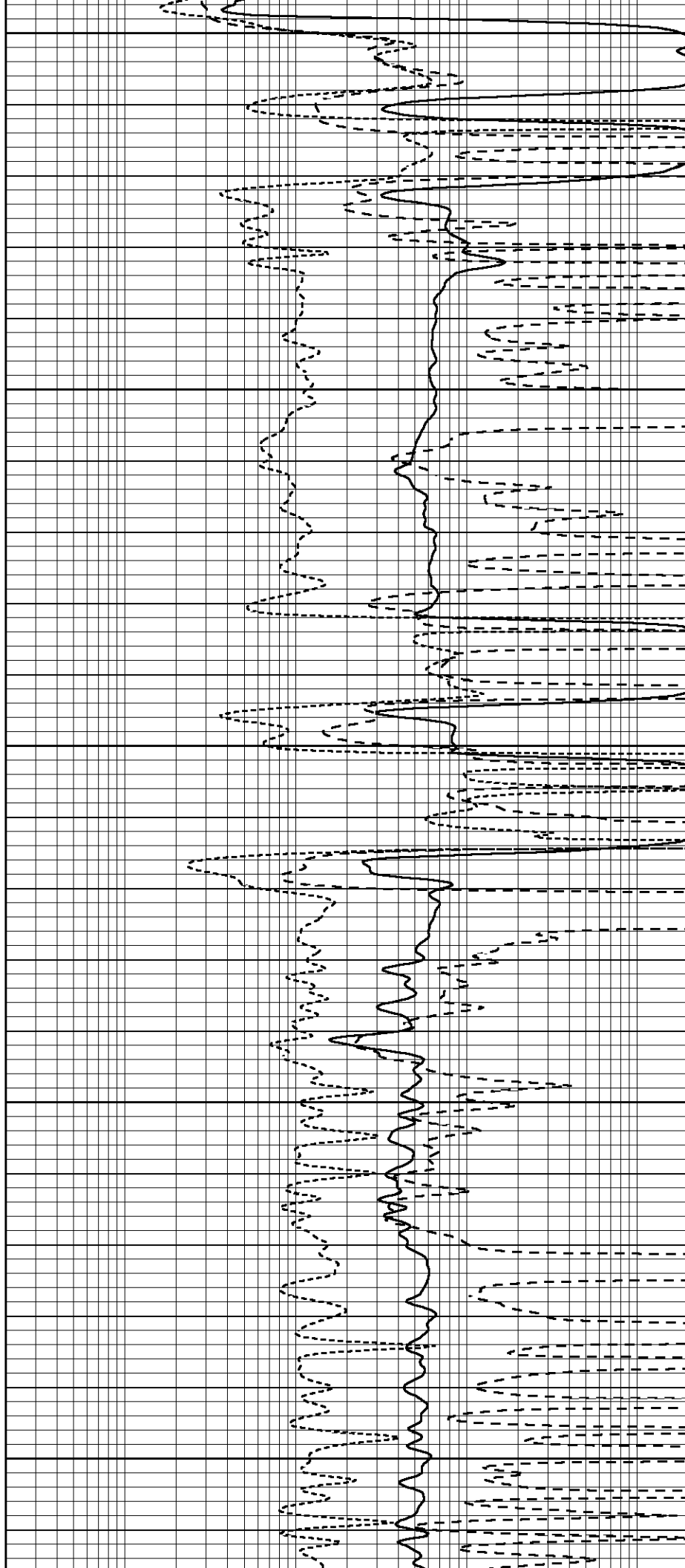
1200

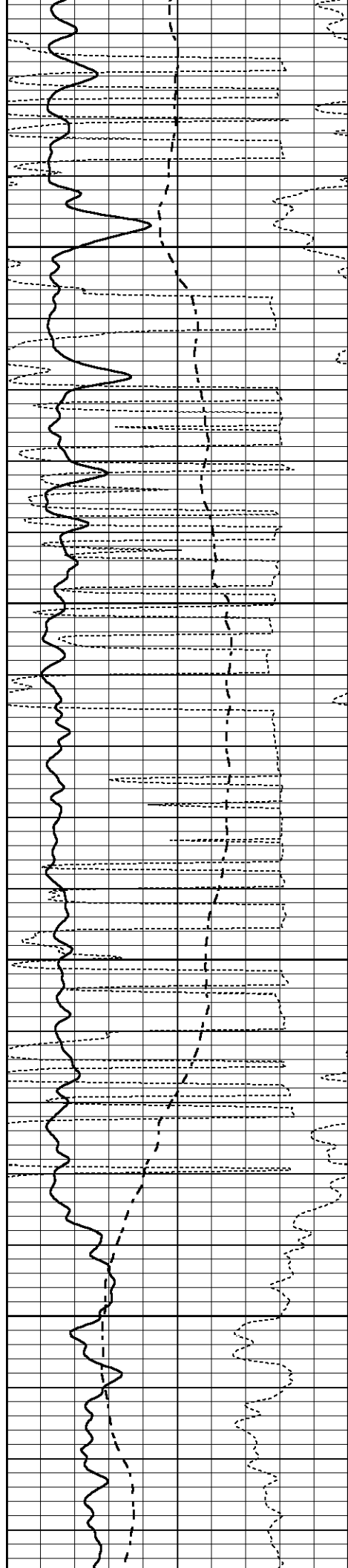
1250

1300

1350

1400



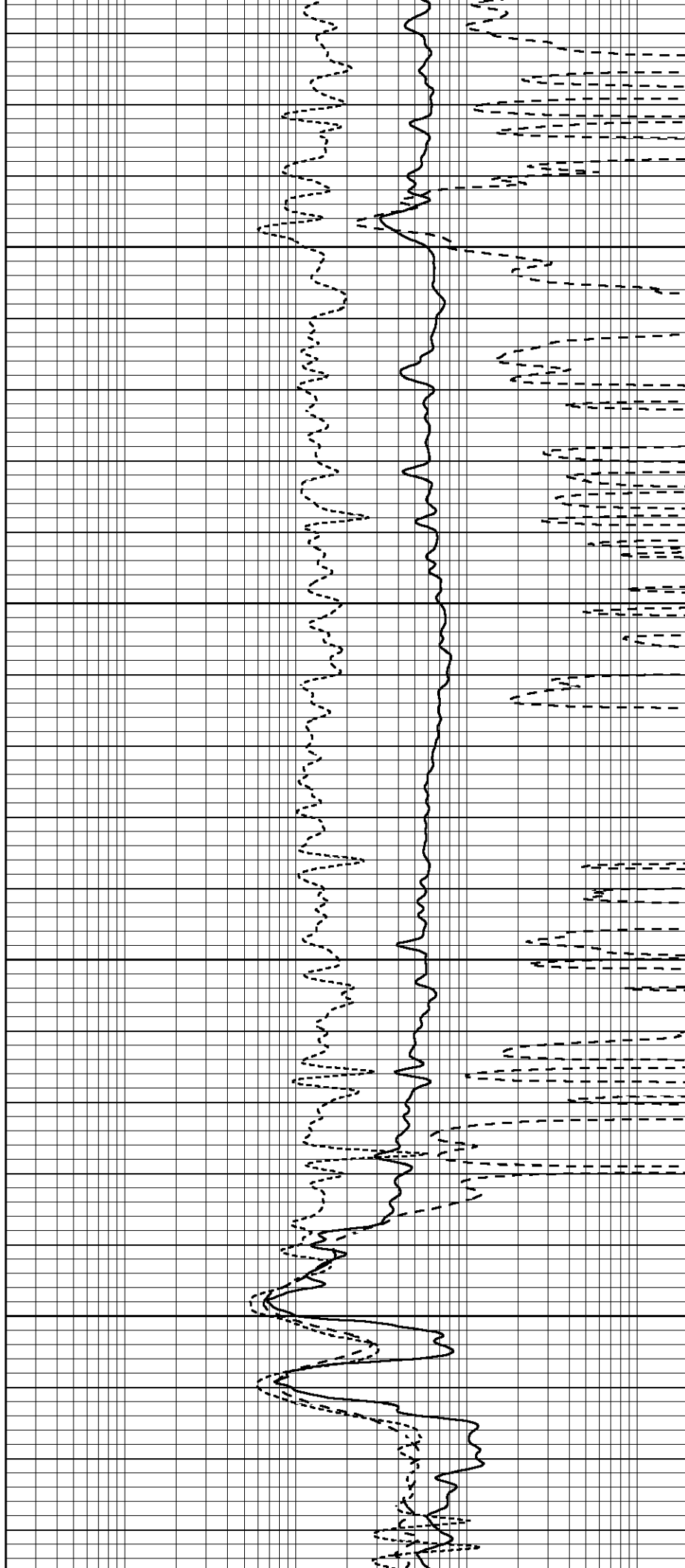


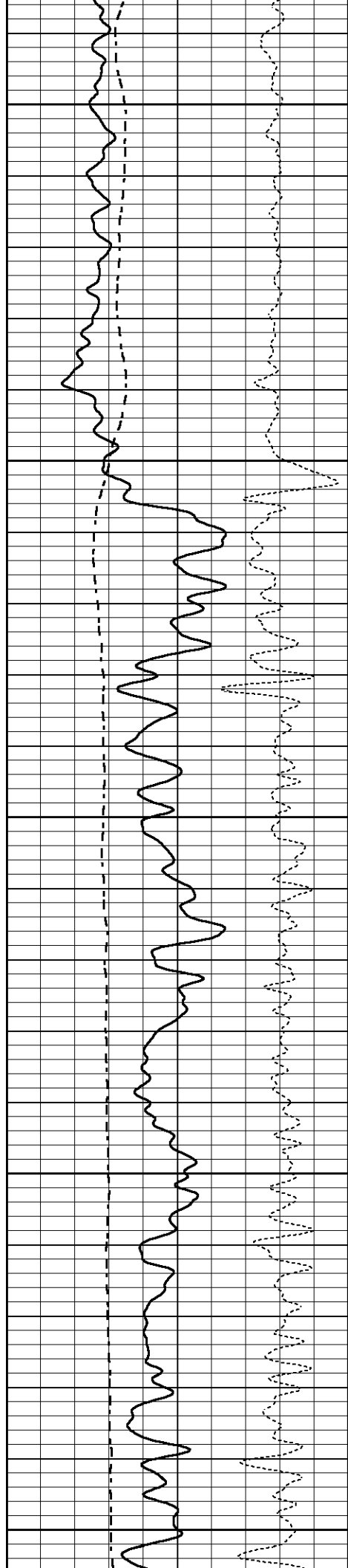
1450

1500

1550

1600





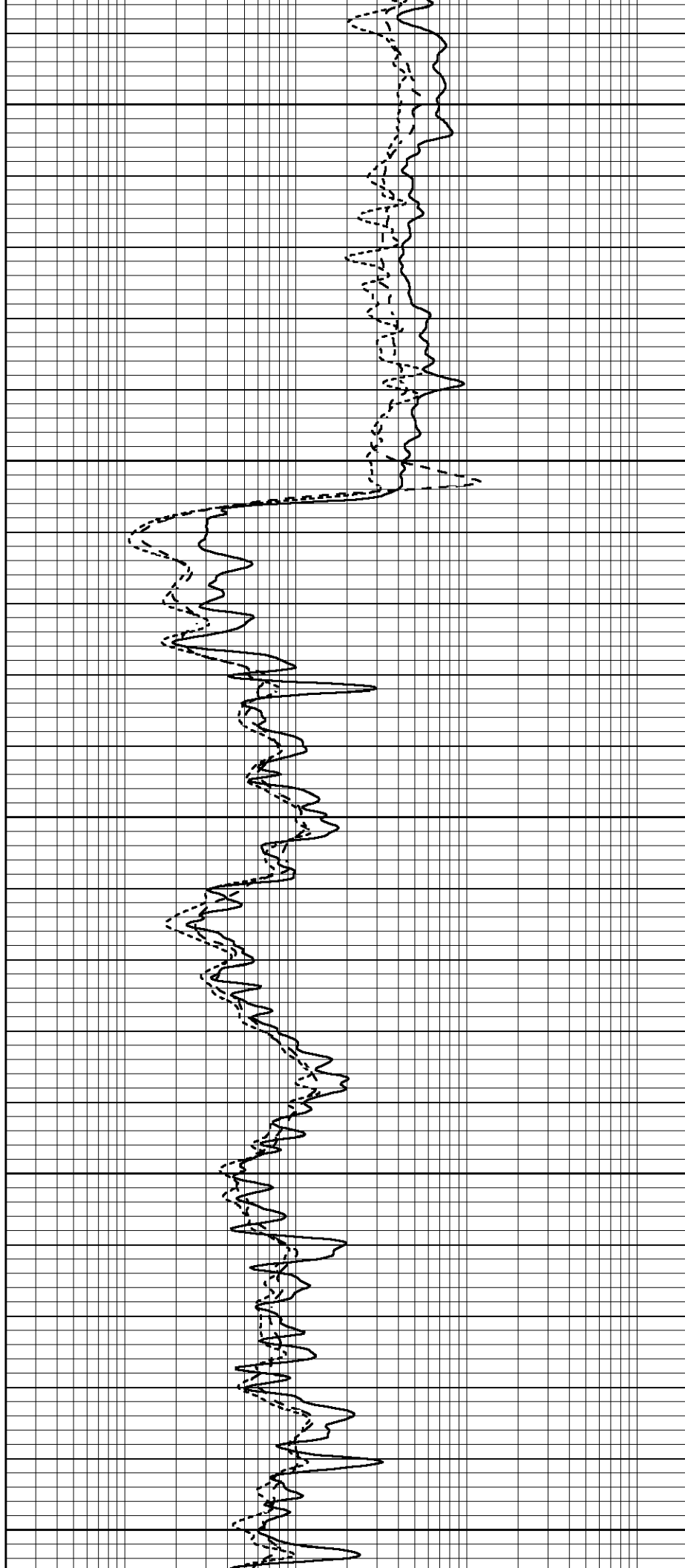
1650

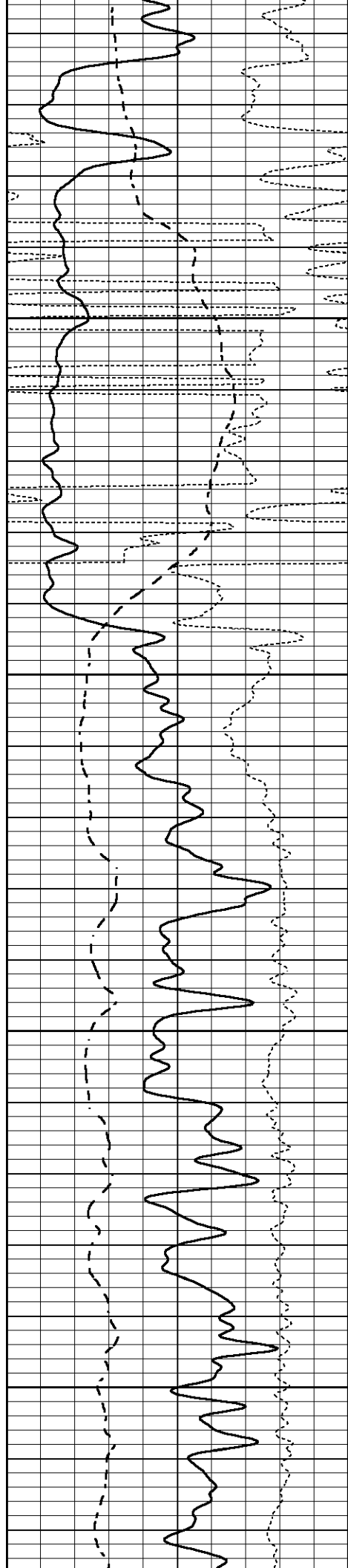
1700

1750

1800

1850



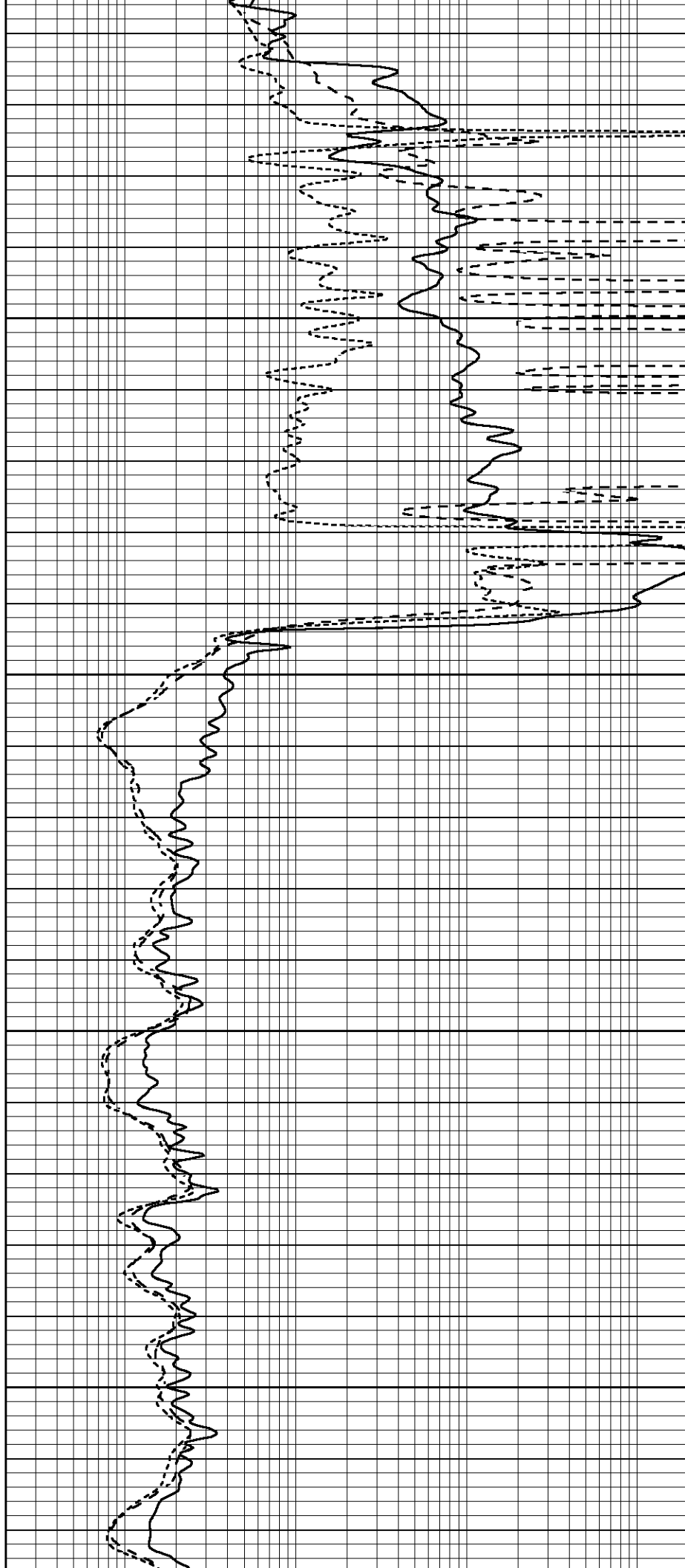


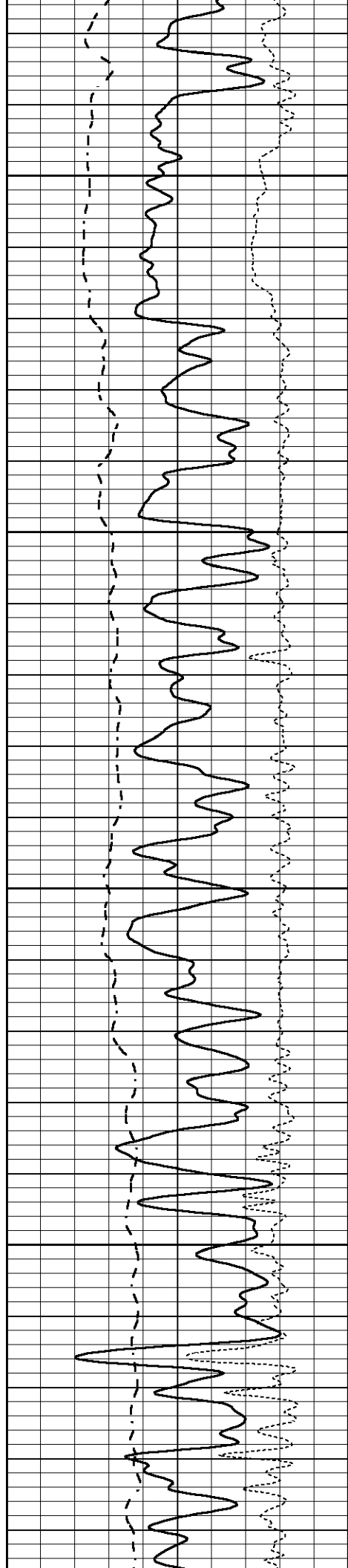
1900

1950

2000

2050



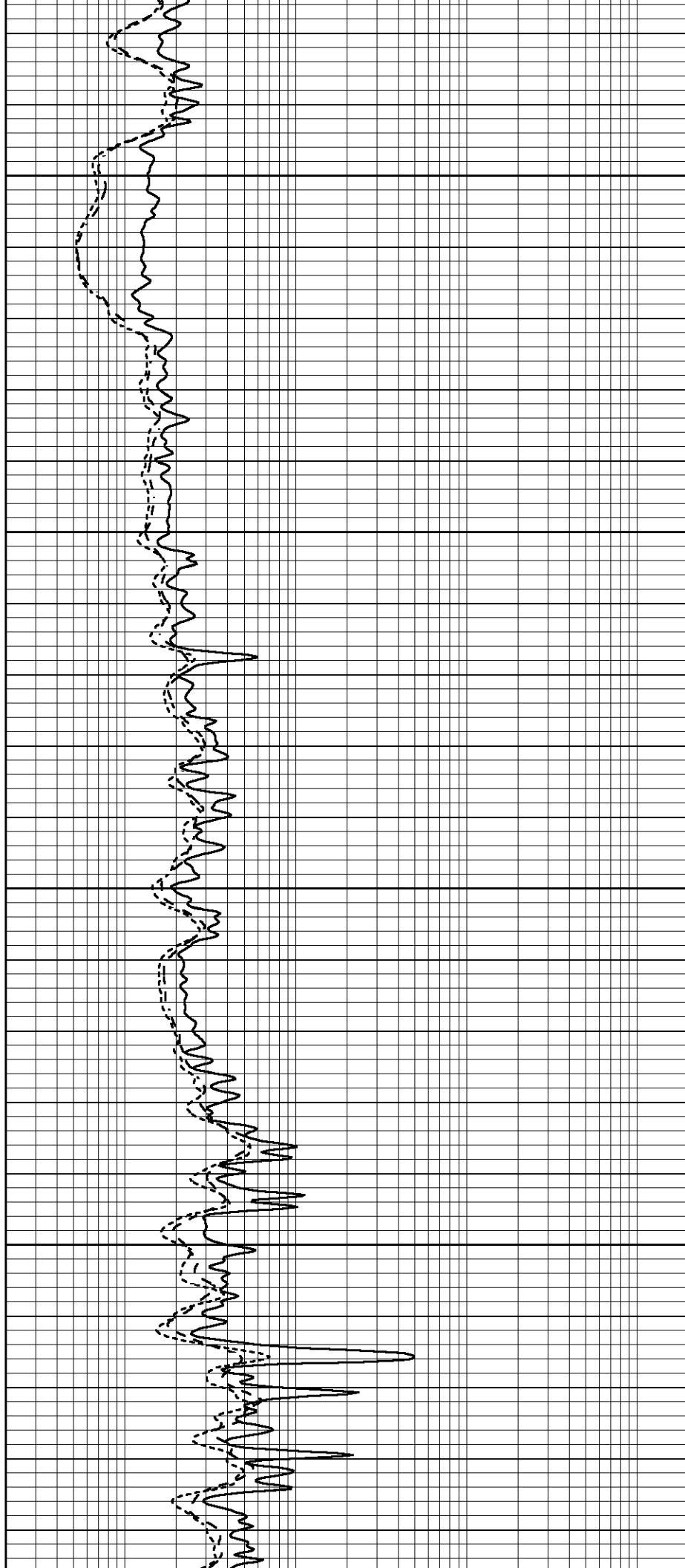


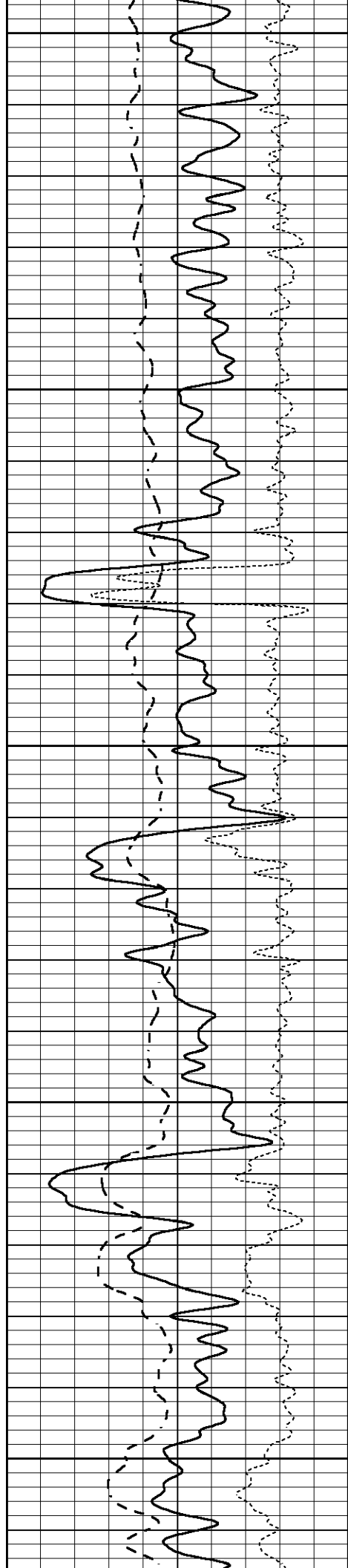
2100

2150

2200

2250





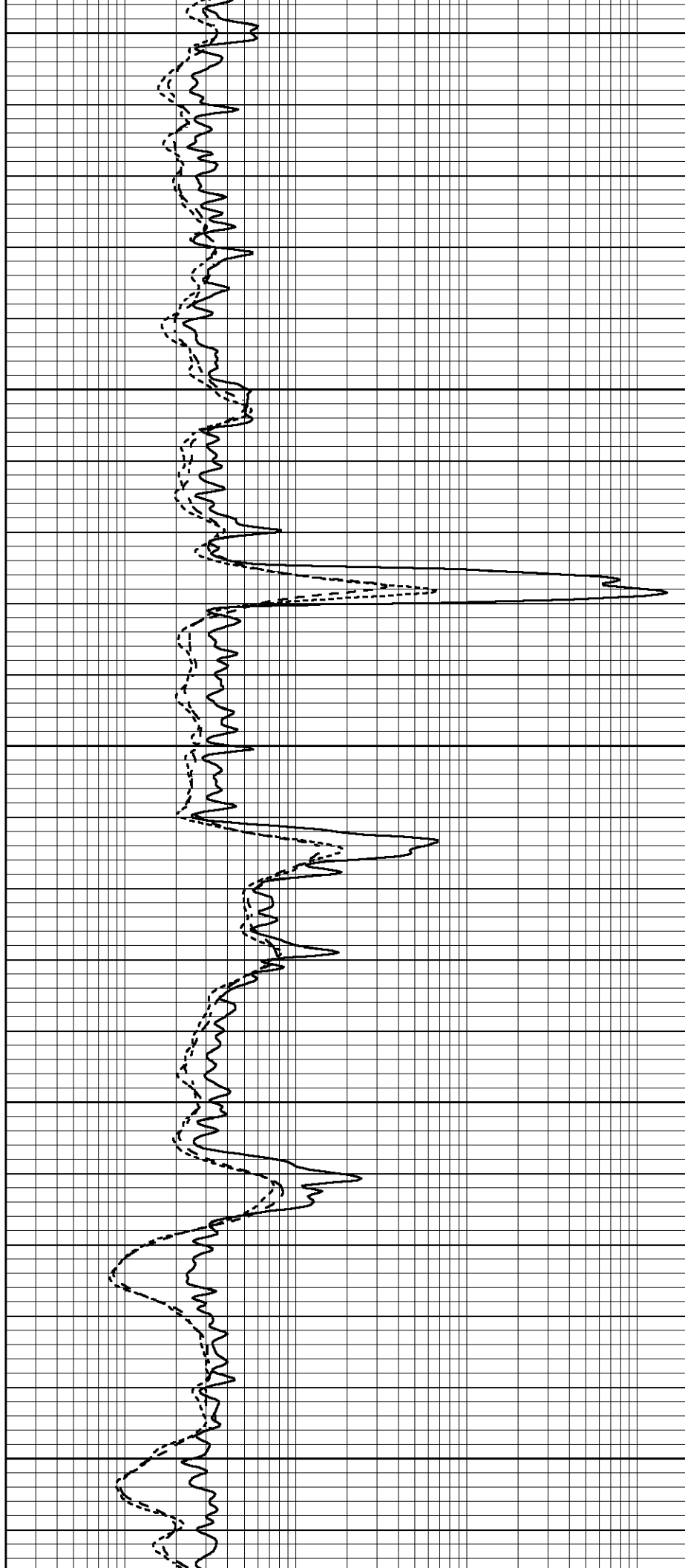
2300

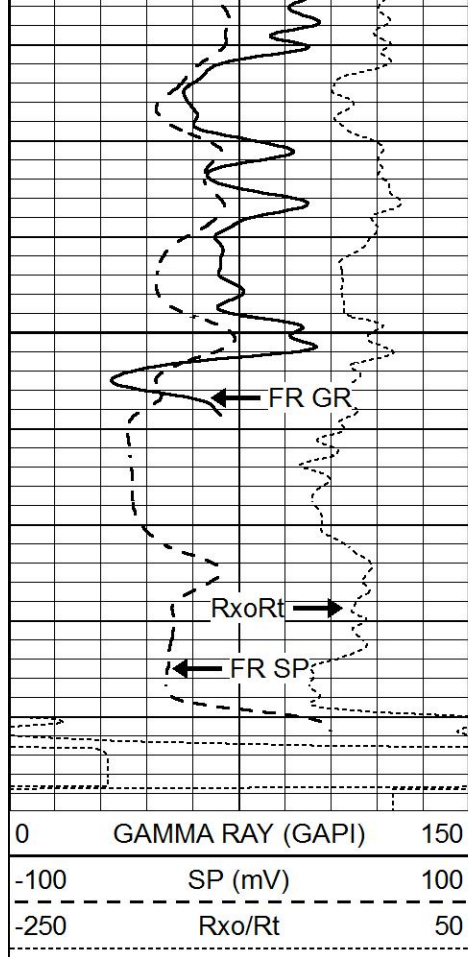
2350

2400

2450

2500

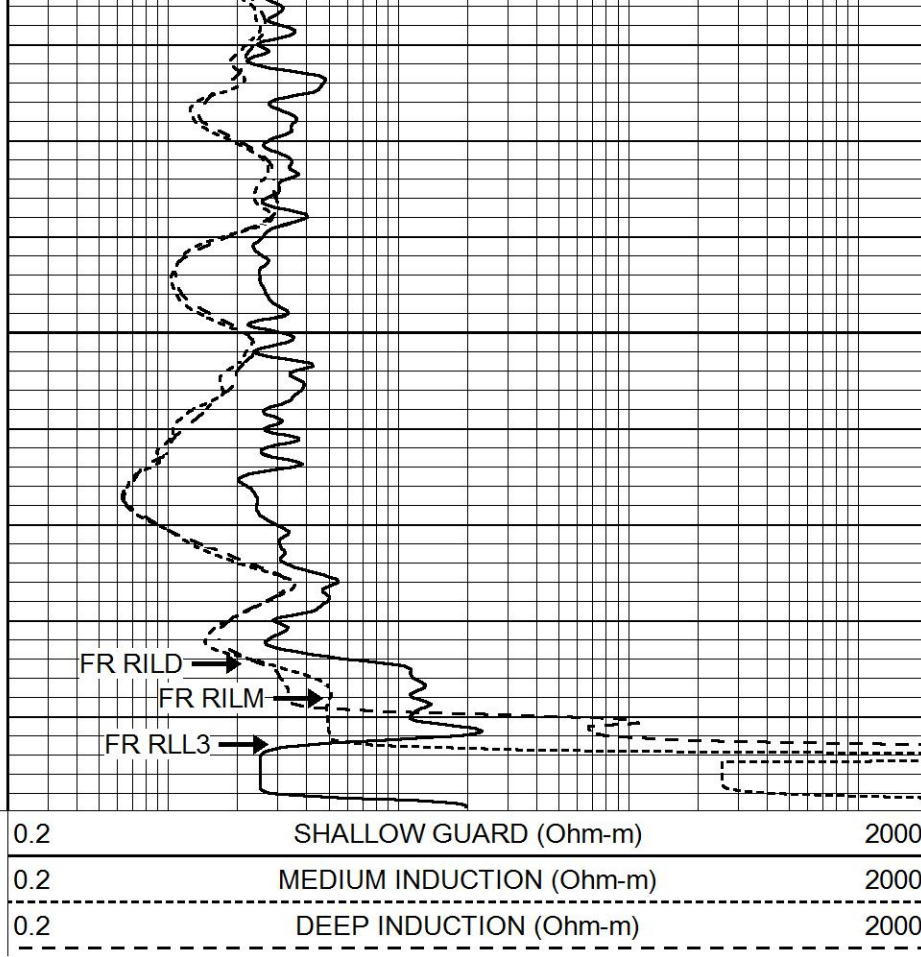




2550

LTD 2595

2600



FR RILD

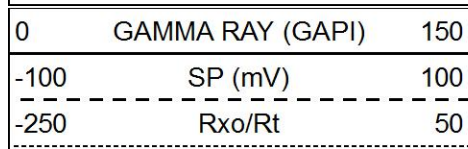
FR RILM

FR RLL3

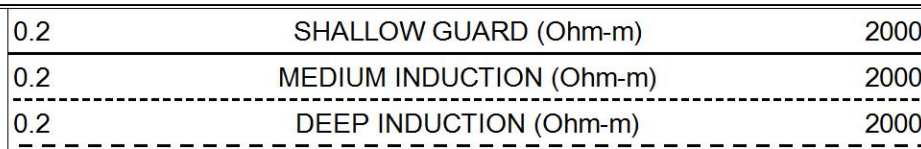


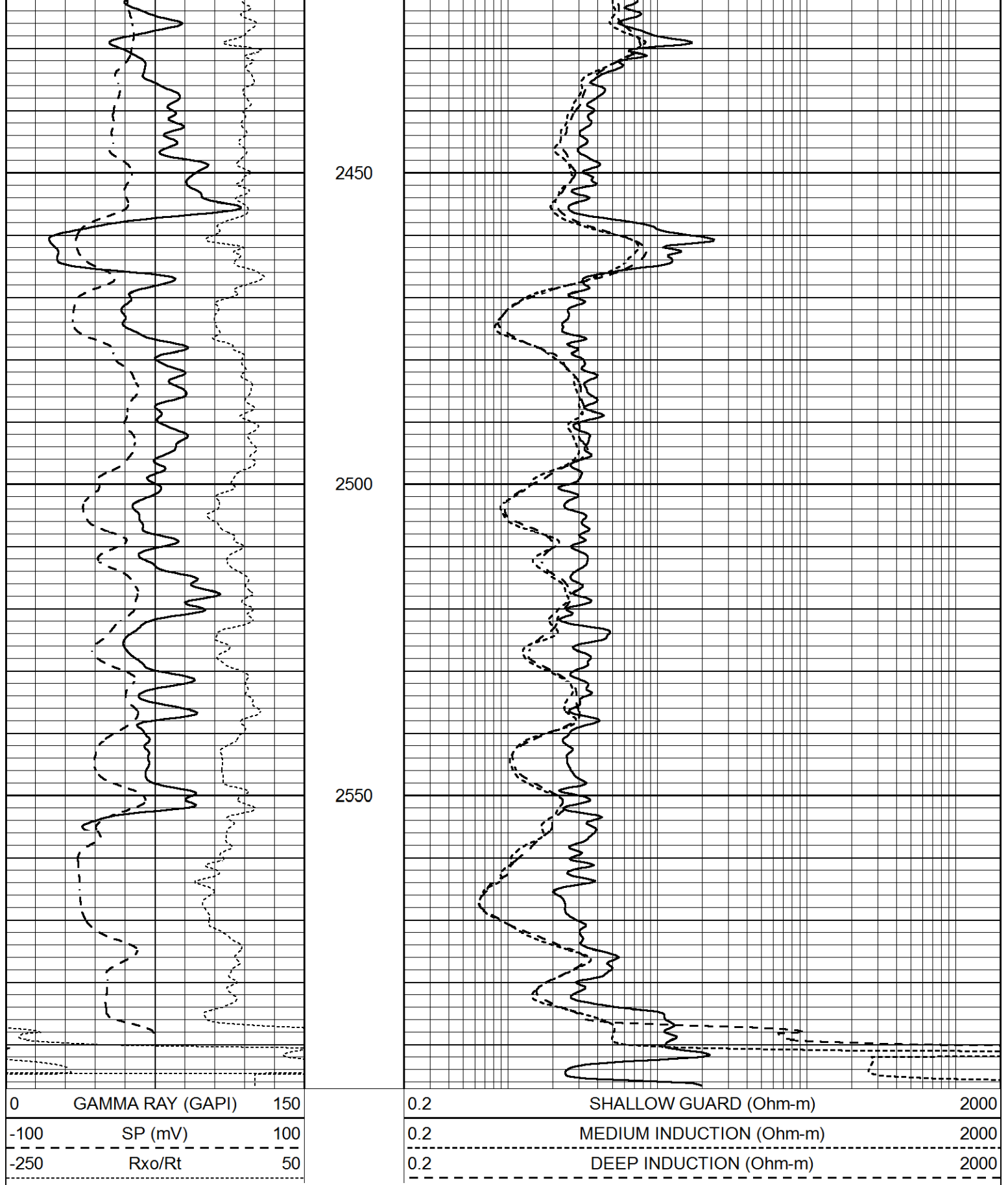
REPEAT SECTION

Database File 5642pe.db
 Dataset Pathname pass2.1
 Presentation Format _dil
 Dataset Creation Tue Aug 17 09:55:15 2021
 Charted by Depth in Feet scaled 1:240



2400





Calibration Report

Database File 5642pe.db
Dataset Pathname pass2.1
Dataset Creation Tue Aug 17 09:55:15 2021

Serial-Model: FW1410-55-Probe
 Surface Cal Performed: Tue Feb 19 11:44:18 2019
 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: Wed Dec 02 12:04:44 2020

	Background	Aluminum	Magnesium	
Window 1	595.38	5386.50	23898.92	cps
Window 2	52.78	1248.21	5993.75	cps
Window 4	251.36	1200.30	5155.55	cps
Window 5	545.15	9066.30	17240.12	cps
Window 6	43.35	1491.73	2929.24	cps
Window 8	258.76	2917.82	5450.26	cps
Bulk Density	-	2.6020	1.6830	g/cc
Pe	-	3.0000	2.5070	b/e
LS Alpha:	: -1.8726	SS Alpha:	: -0.7656	LS CPE:
LS Beta:	: 127345.0723	SS Beta:	: 20293.3834	SS CPE:

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 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: Wed Dec 02 12:04:44 2020

Results	Readings		References (in)			
	Low	High	Low	High	Gain	Offset
	8005.3	11087.2	8.0	14.0	0.0	-7.5

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

Calibrator Reading.

1.0

cps

Sensitivity:

0.5300

GAPI/cps