



SUPERIOR
Hays,
Kansas

DUAL
INDUCTION
LOG

Company MUSTANG ENERGY CORP.
Well DEYOUNG #1
Field COOPER
County GRAHAM
State KANSAS

Company MUSTANG ENERGY CORPORATION
Well DEYOUNG #1
Field COOPER
County GRAHAM State KANSAS

Location: API #: 15-065-23620
NE - SW - NW - NE
SEC 11 TWP 10S RGE 21W
Permanent Datum GROUND LEVEL Elevation 2266
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
CDL/CNL
MICRO
Elevation
K.B. 2274
D.F.
G.L. 2266

Date	3-30-10		
Run Number	ONE		
Depth Driller	3880		
Depth Logger	3880		
Bottom Logged Interval	3878		
Top Log Interval	00		
Casing Driller	222		
Casing Logger	222		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2 / 51		
pH / Fluid Loss	10.3 / 8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.95 @ 81F		
Rinf @ Meas. Temp	0.71 @ 81F		
Rmc @ Meas. Temp	1.14 @ 81F		
Source of Rinf / Rmc	MEASURED		
Rim @ BHT	.680 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	7:20 A.M.		
Maximum Recorded Temperature	113F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	TONY RICHARDSON		

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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: PALCO, S TO RD. "Y", 3W, 1 1/2S, W INTO.



SUPERIOR
Hays,
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MAIN SECTION

Database File: 004623ddn.db
Dataset Pathname: pass3.2A
Presentation Format: dil2
Dataset Creation: Tue Mar 30 09:35:08 2010
Charted by: Depth in Feet scaled 1:600

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

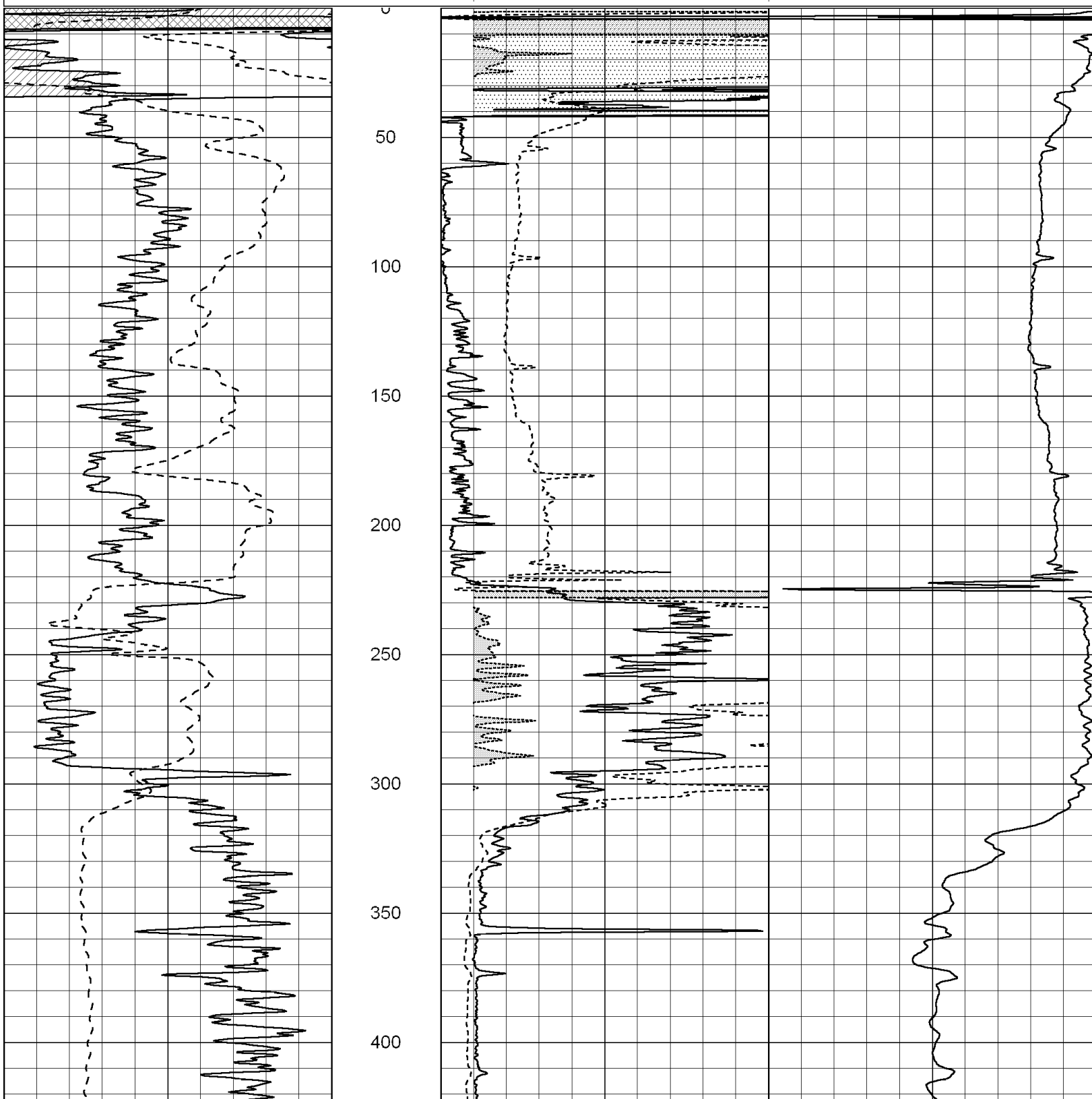
0	RLL3 (Ohm-m)	50
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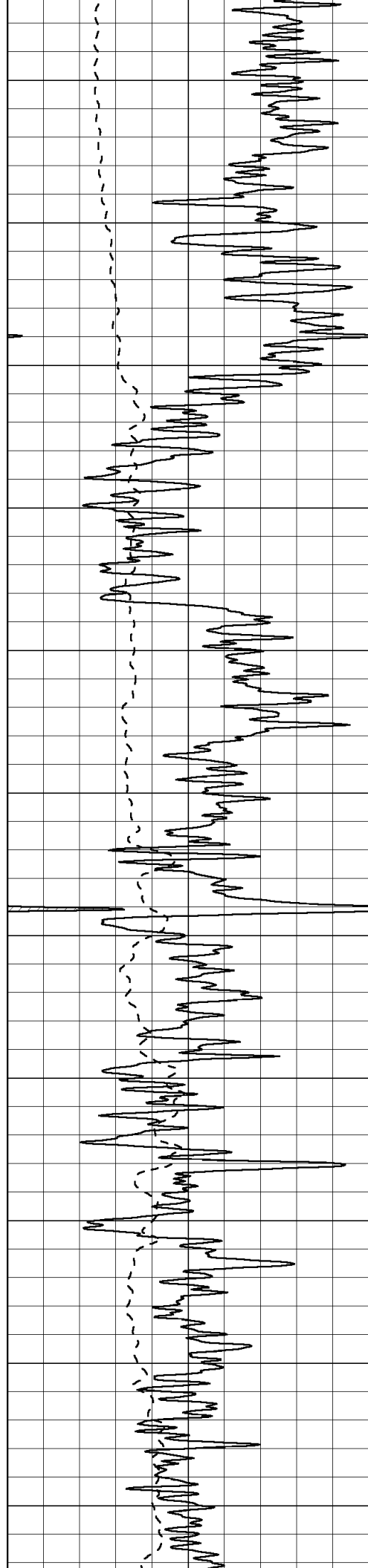
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1000	CILD (mmho/m)	0
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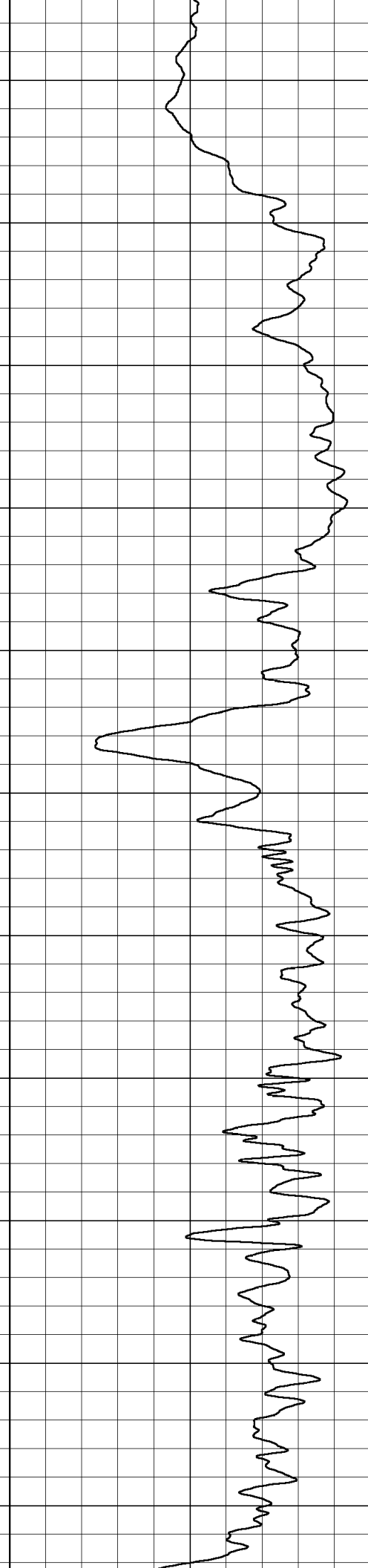
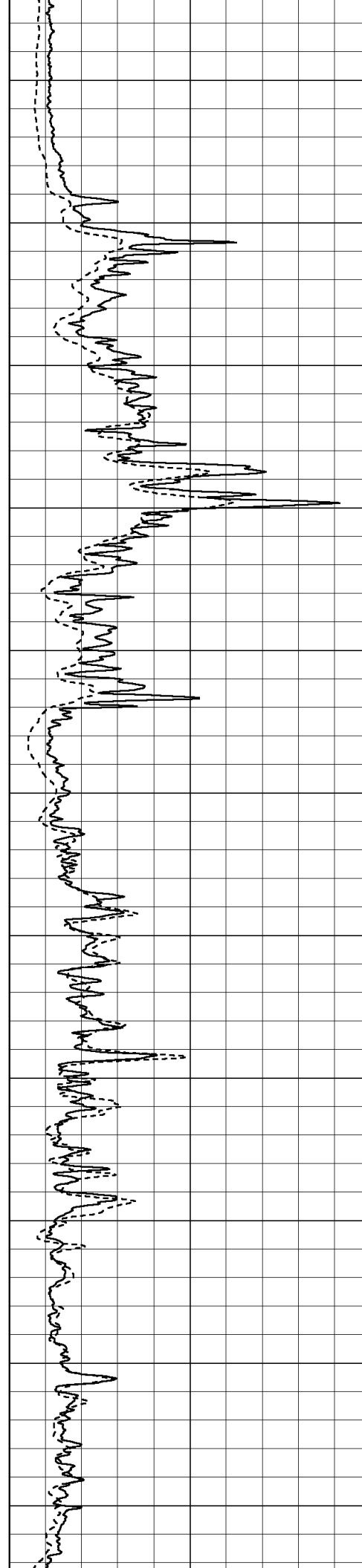
50	RILD X10 (Ohm-m)	500
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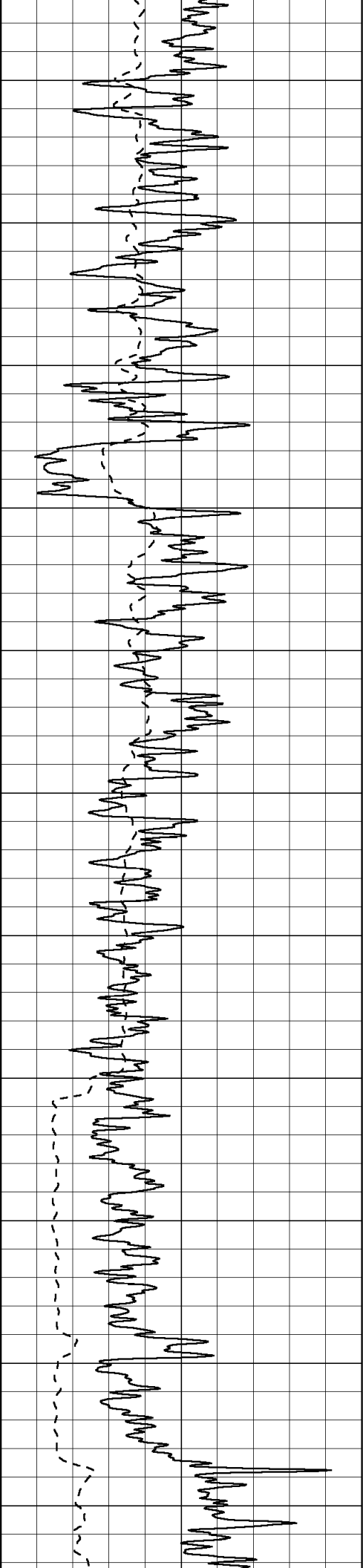
50	RLL3 X10 (Ohm-m)	500
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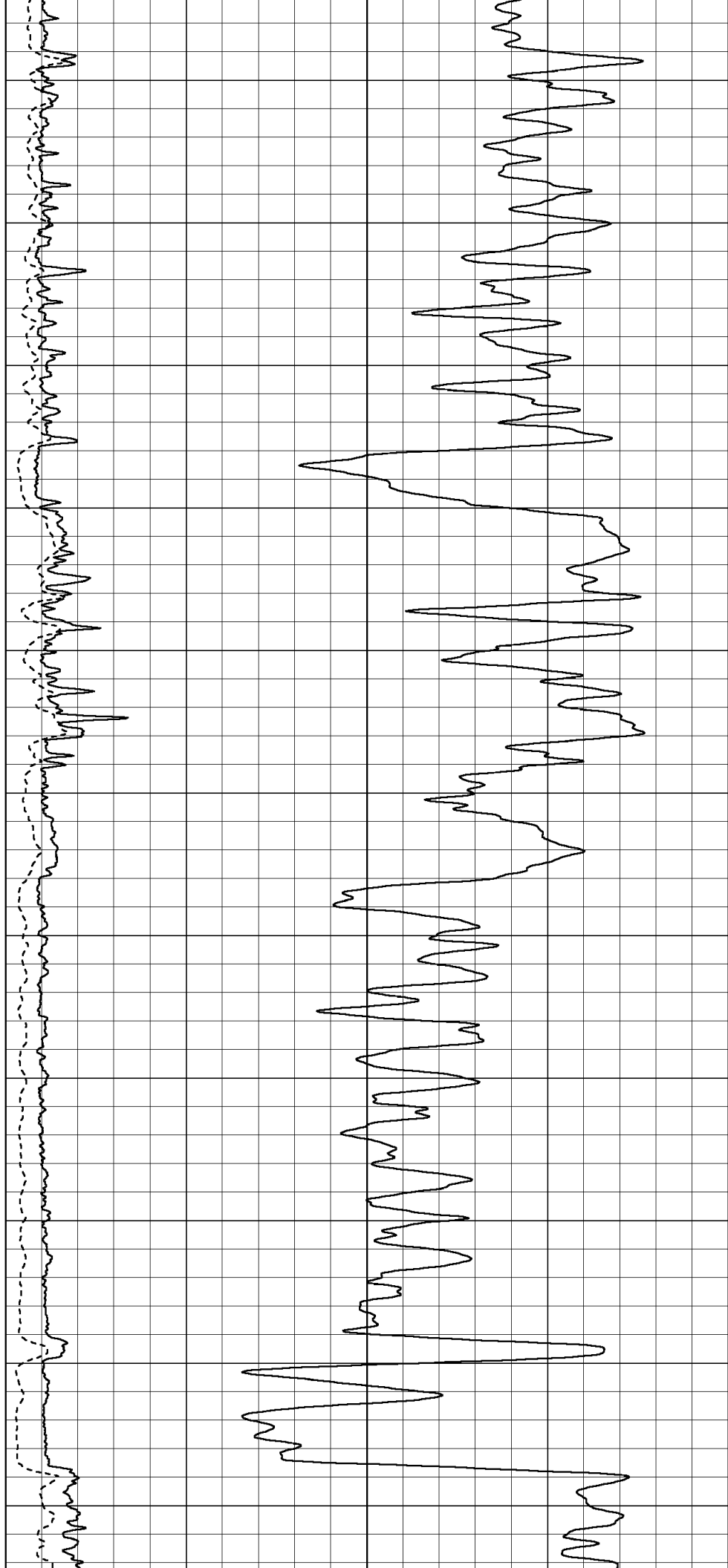


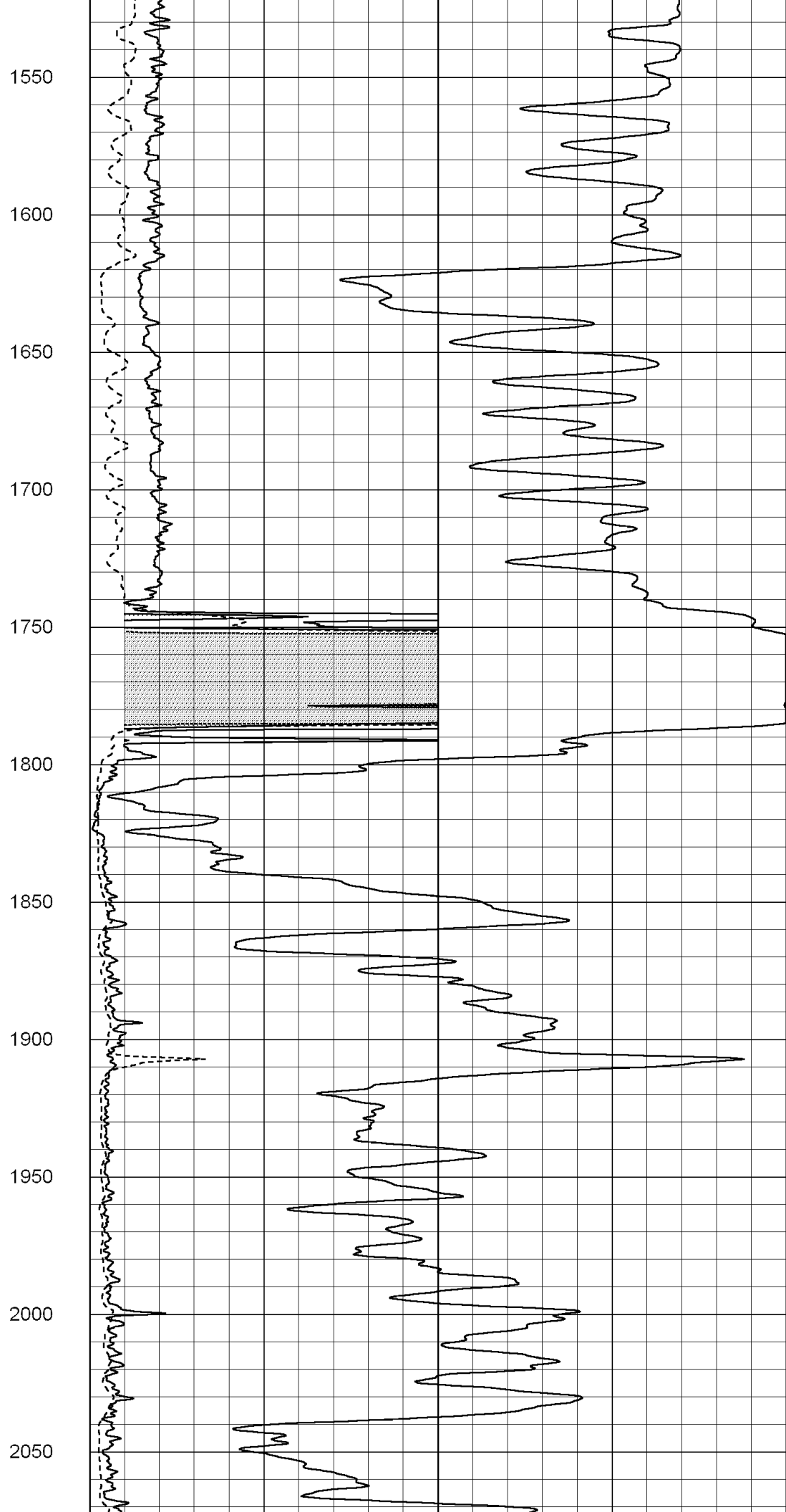
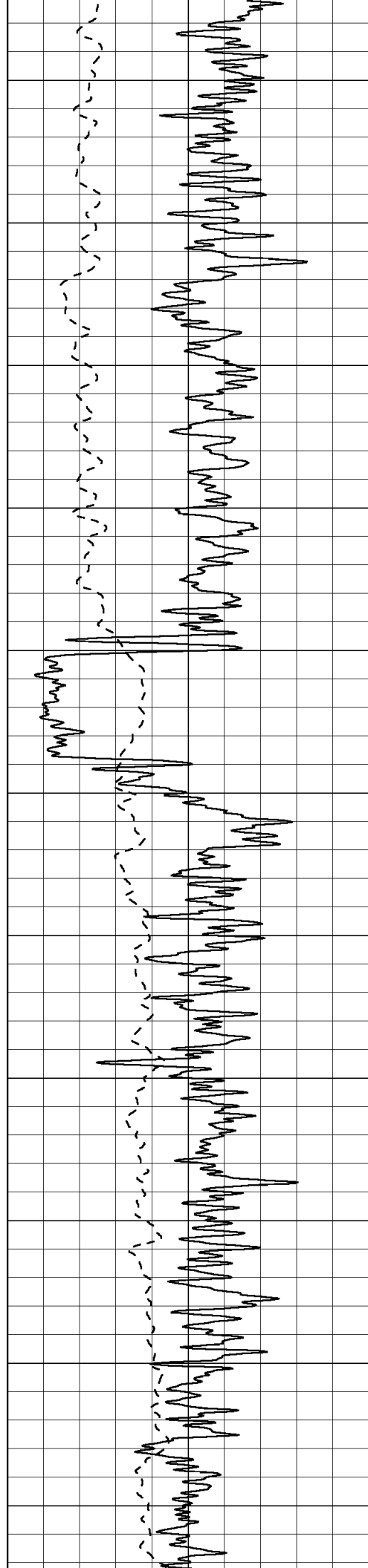
450
500
550
600
650
700
750
800
850
900
950

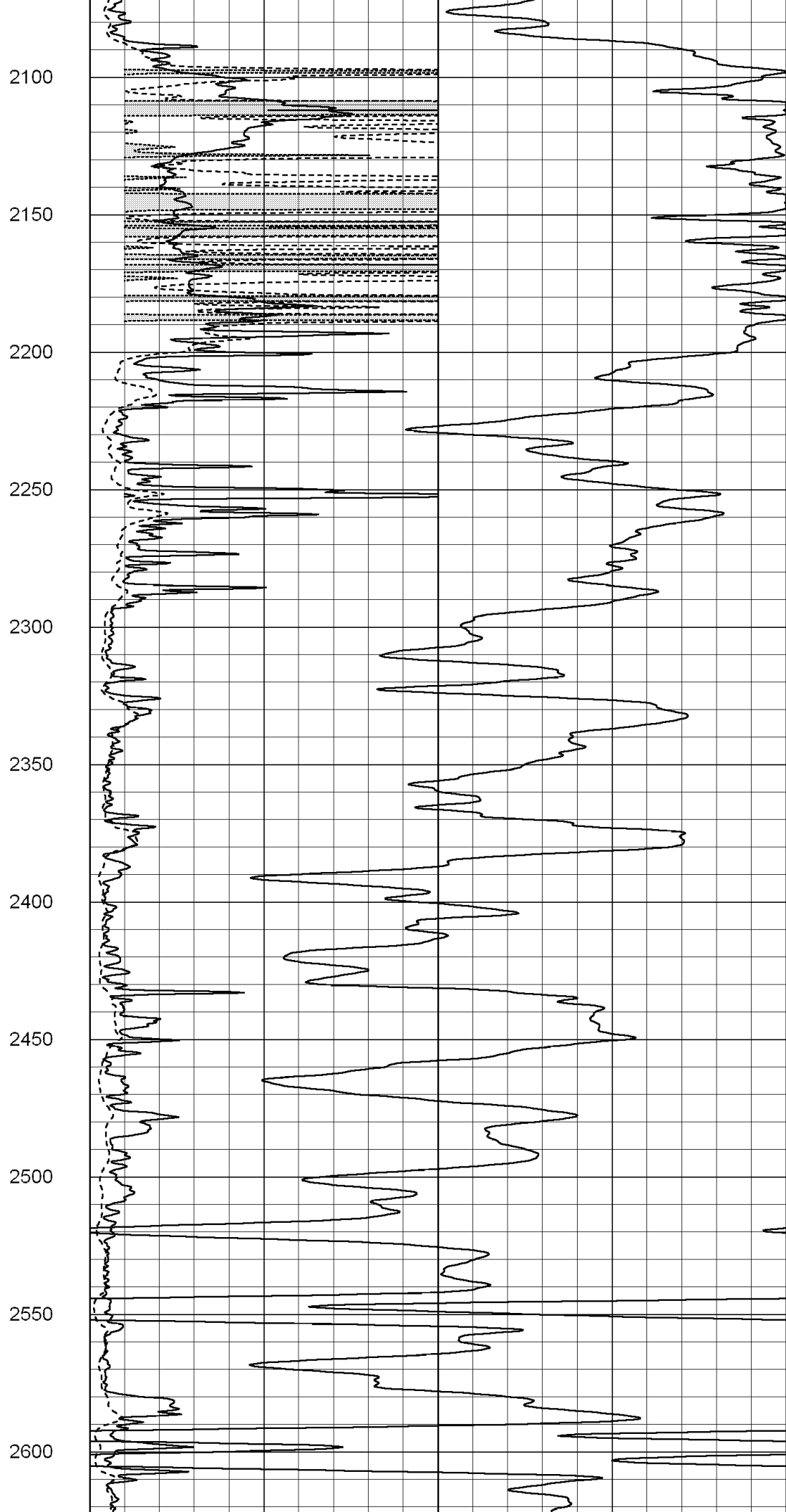
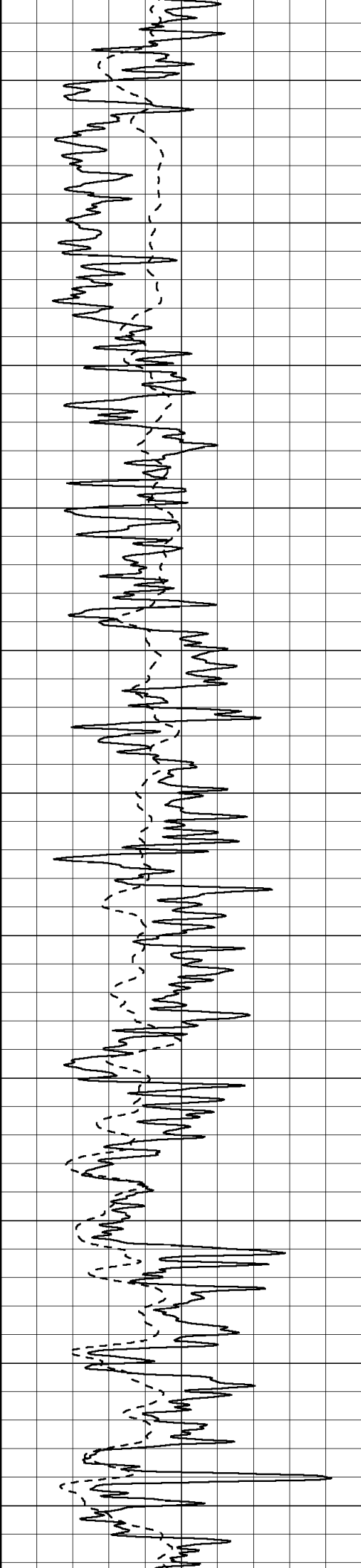


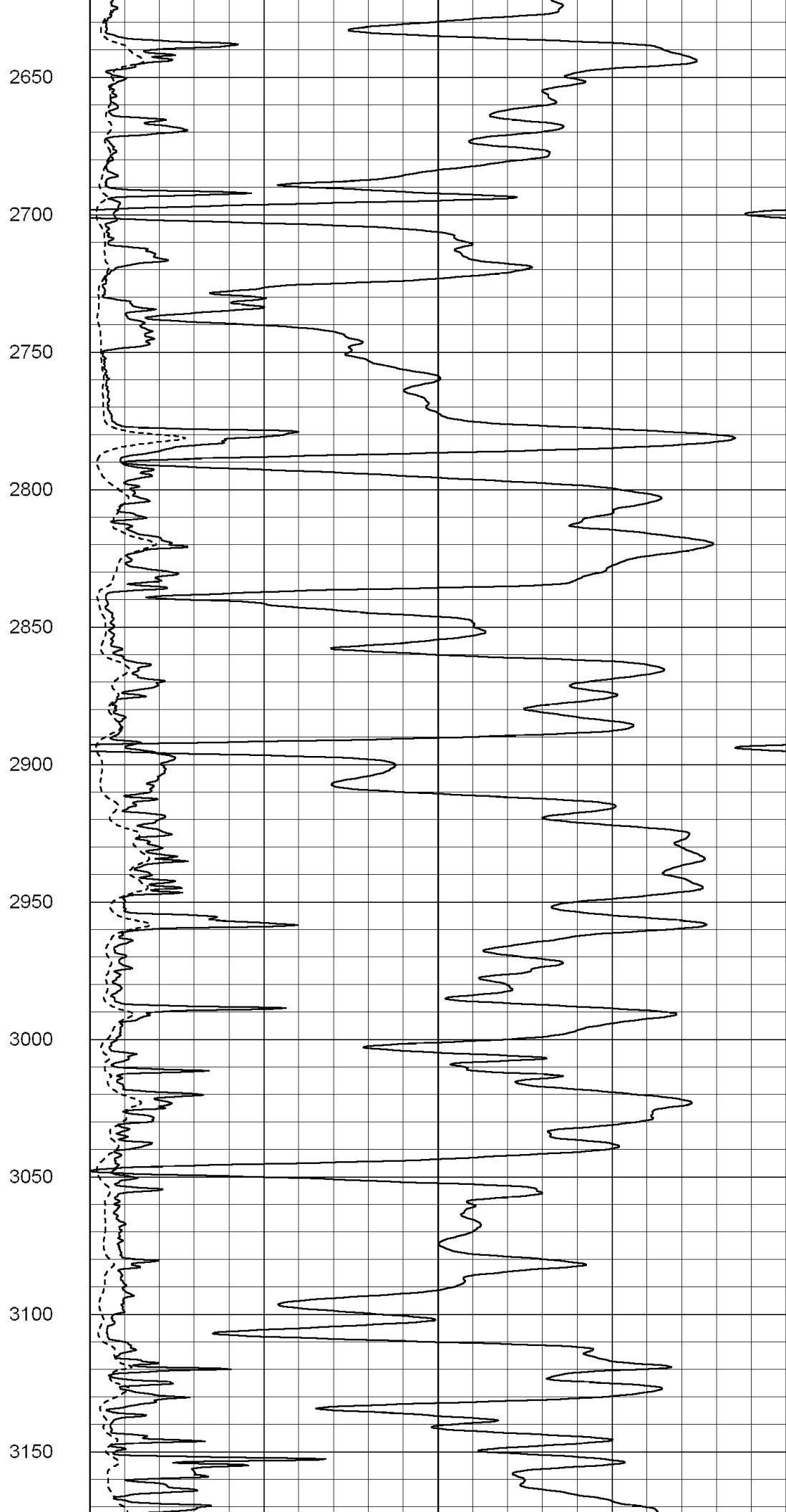
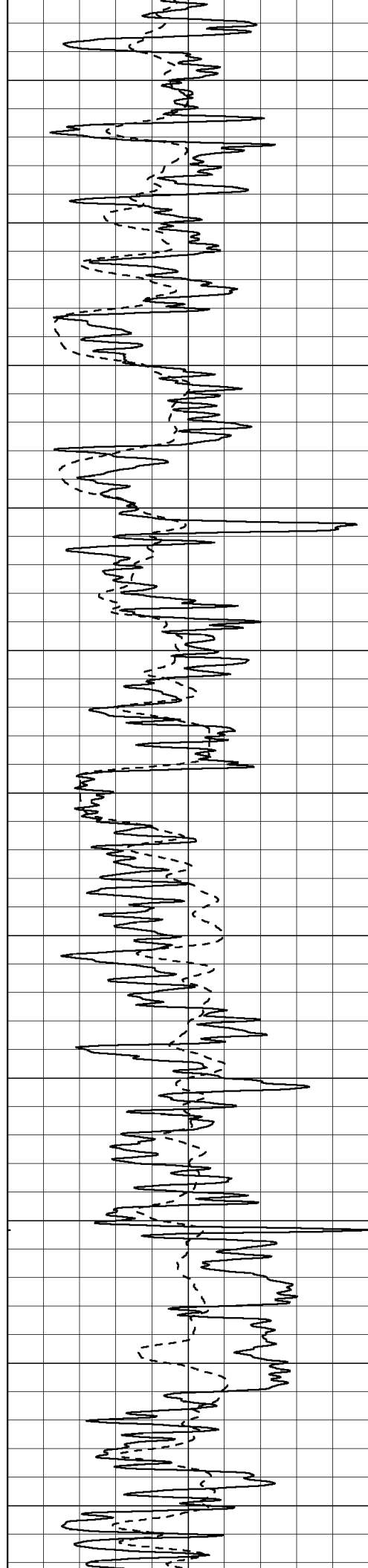


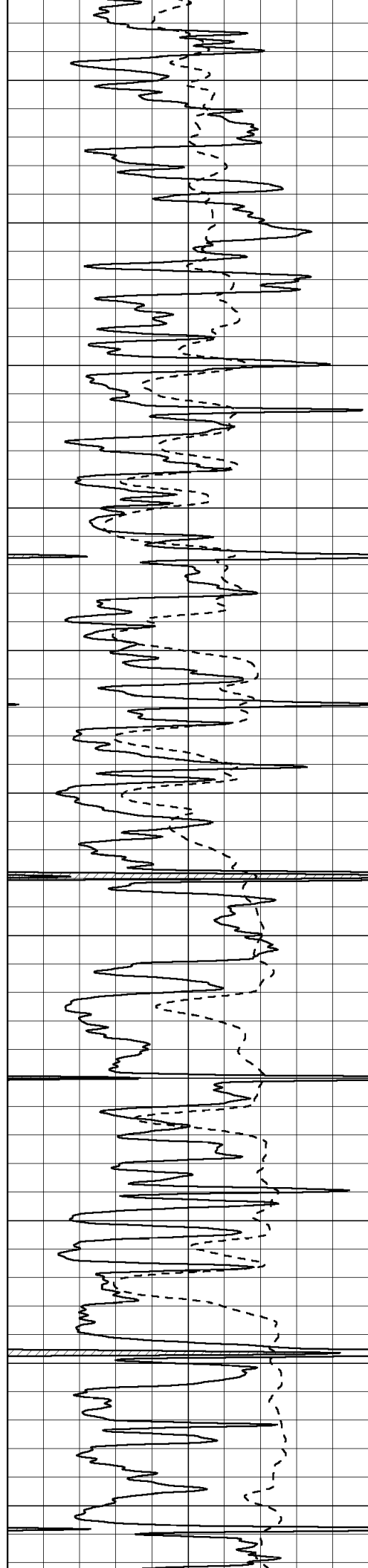
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500











3200

3250

3300

3350

3400

3450

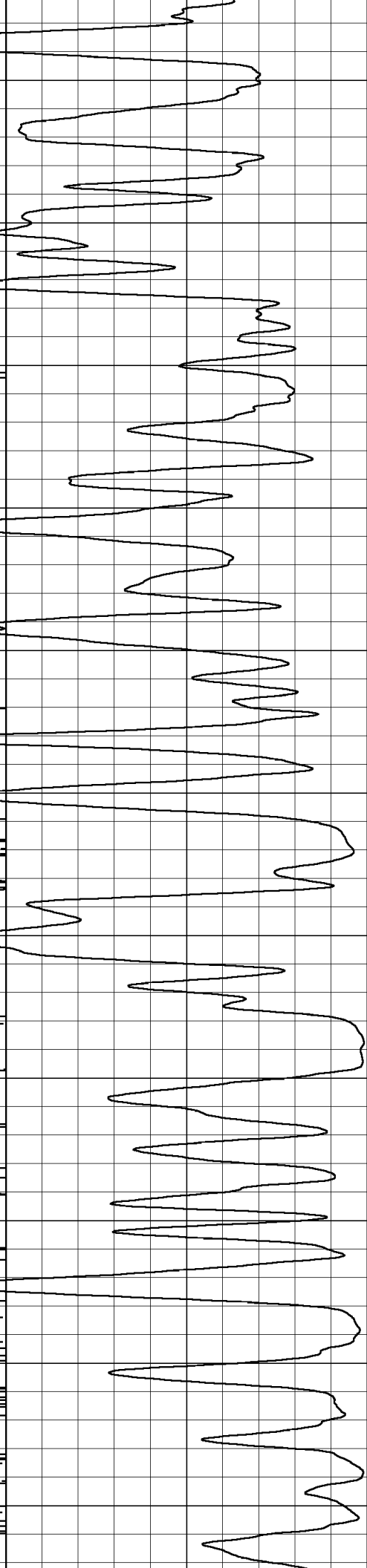
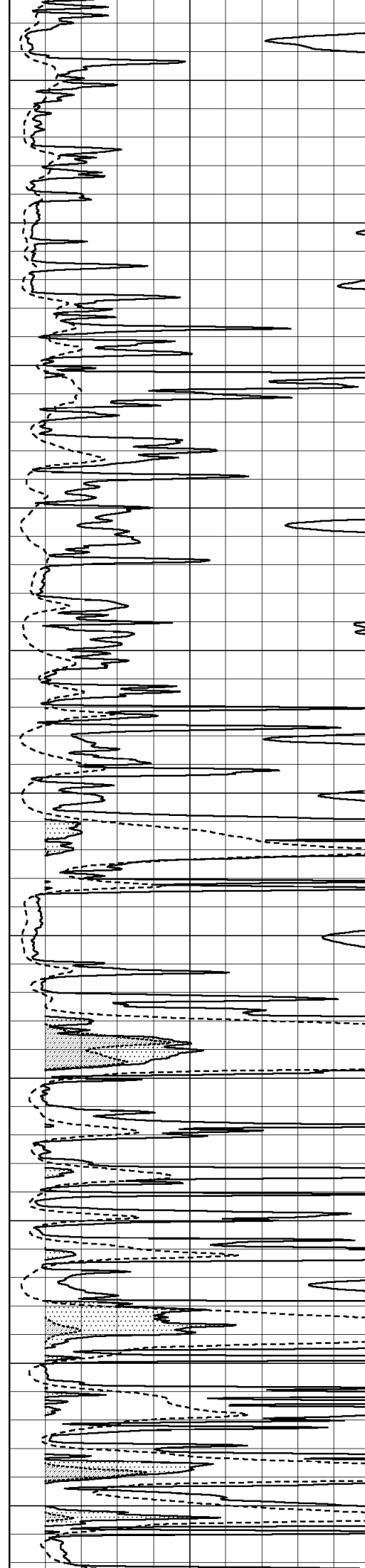
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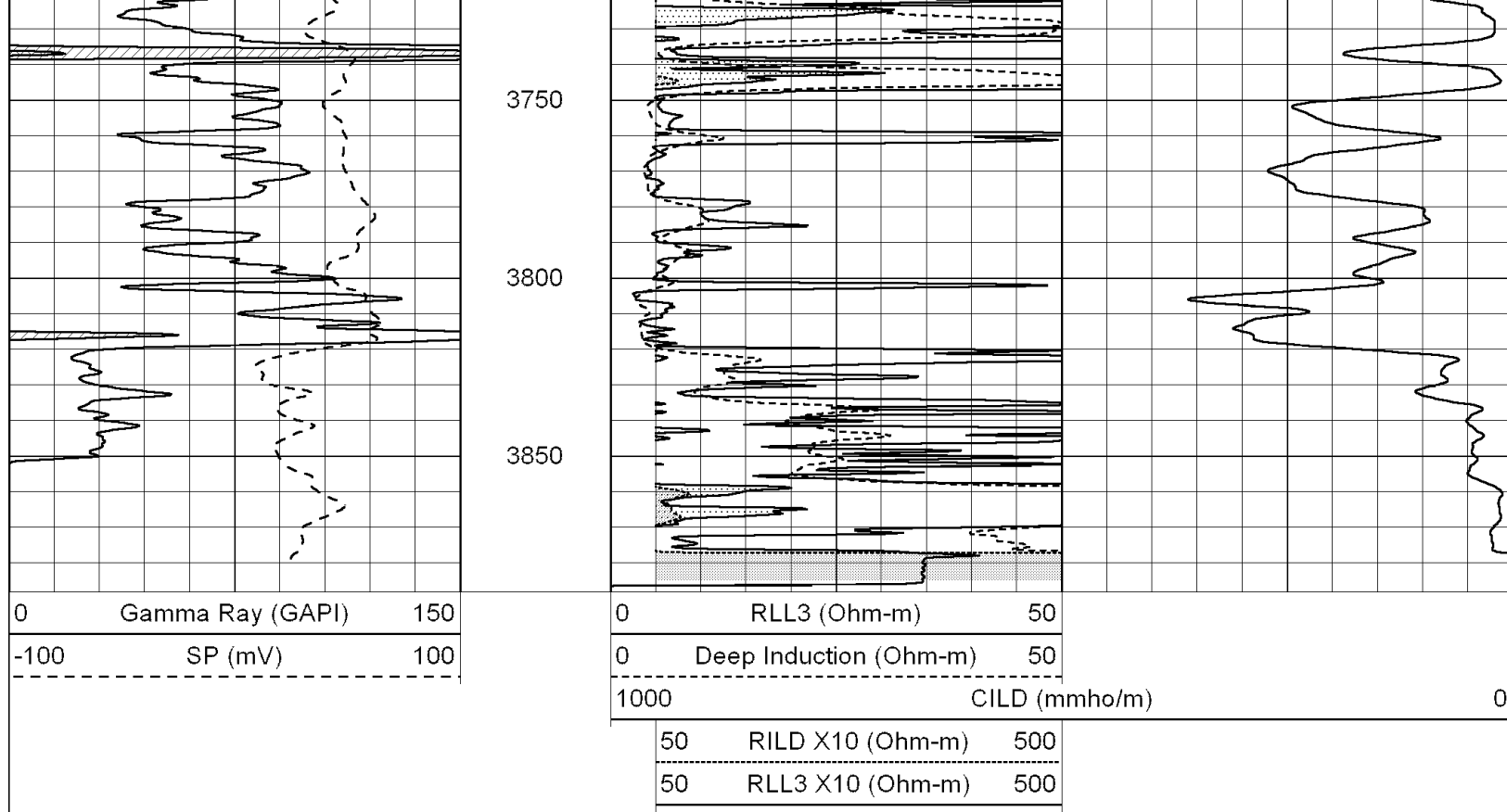
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3600

3650

3700



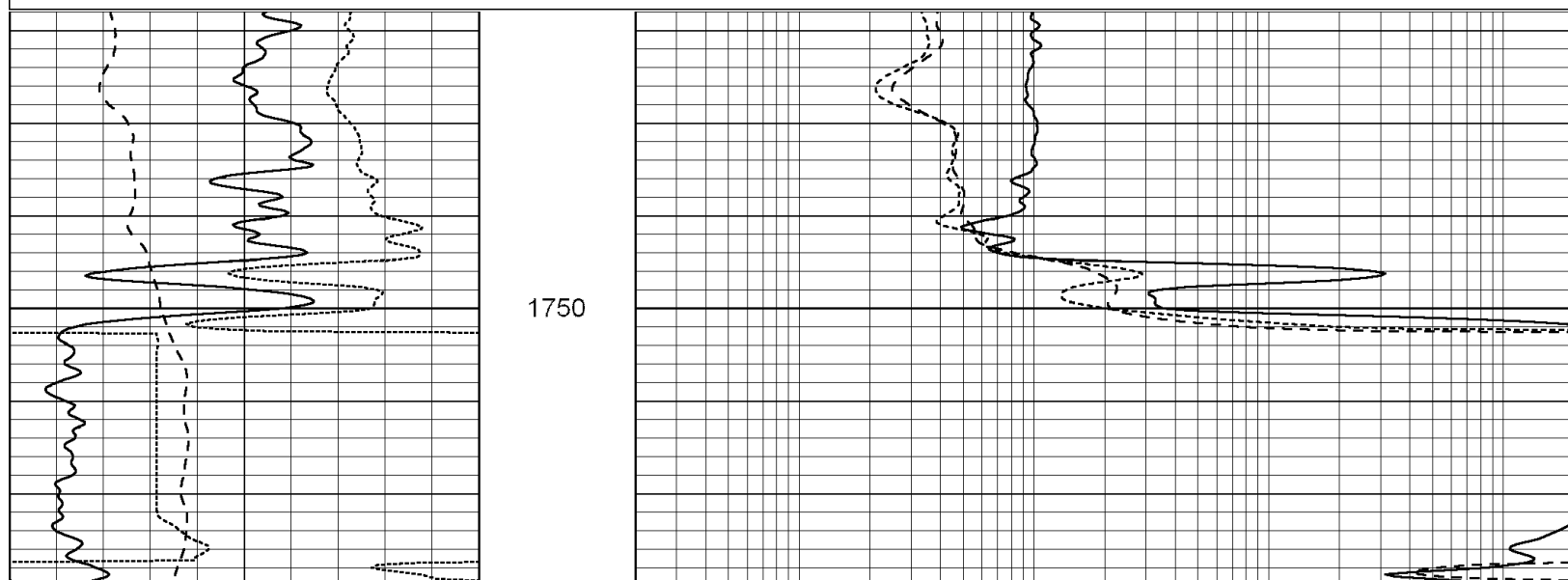


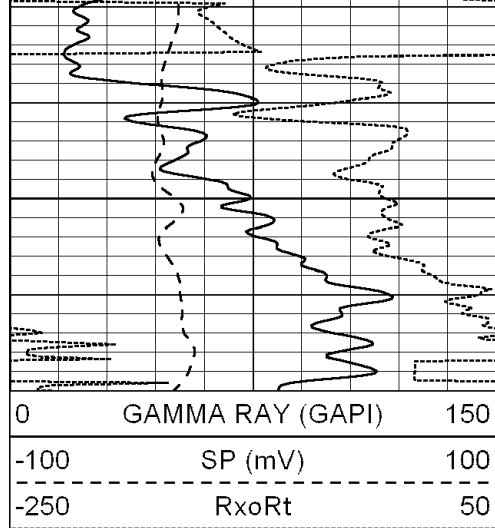
SUPERIOR
Hays,
Kansas

MAIN SECTION

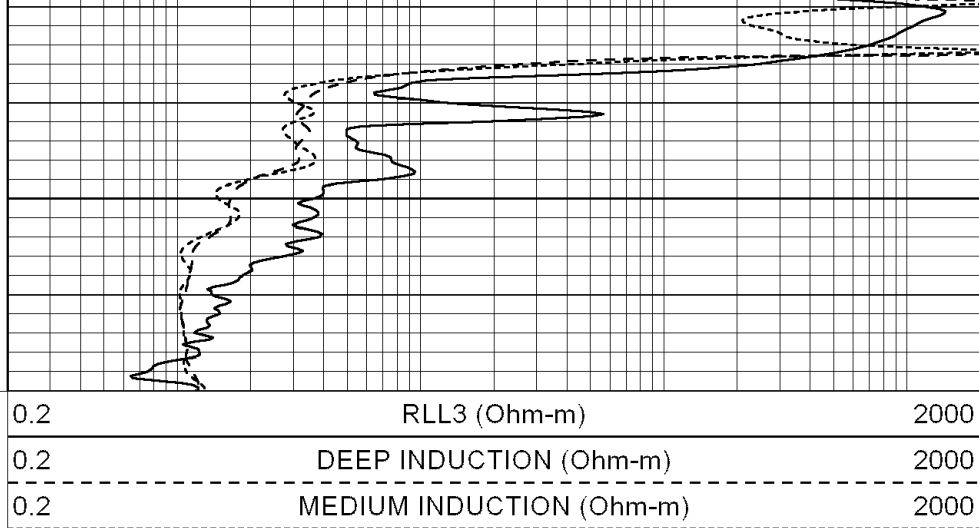
Database File: 004623ddn.db
 Dataset Pathname: pass3.2A
 Presentation Format: dil
 Dataset Creation: Tue Mar 30 09:35:08 2010
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	0.2	RLL3 (Ohm-m)	2000
-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000
-250	RxoRt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000





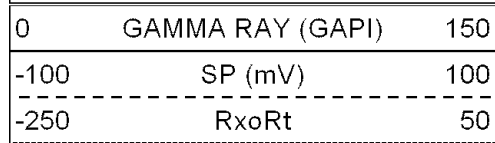
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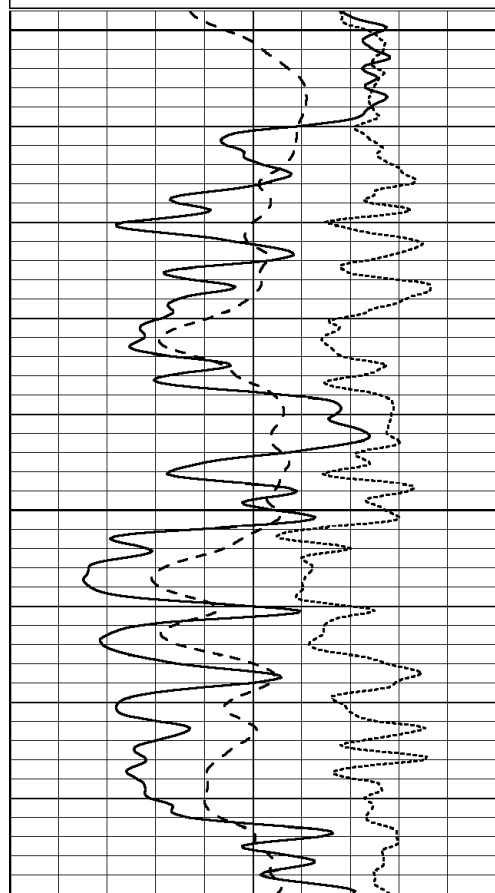
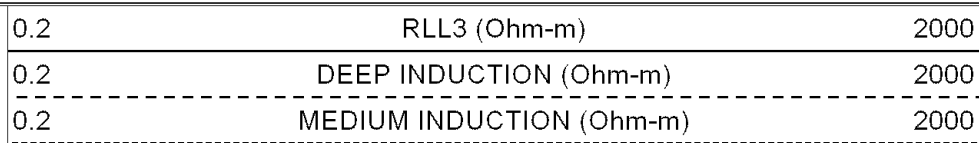
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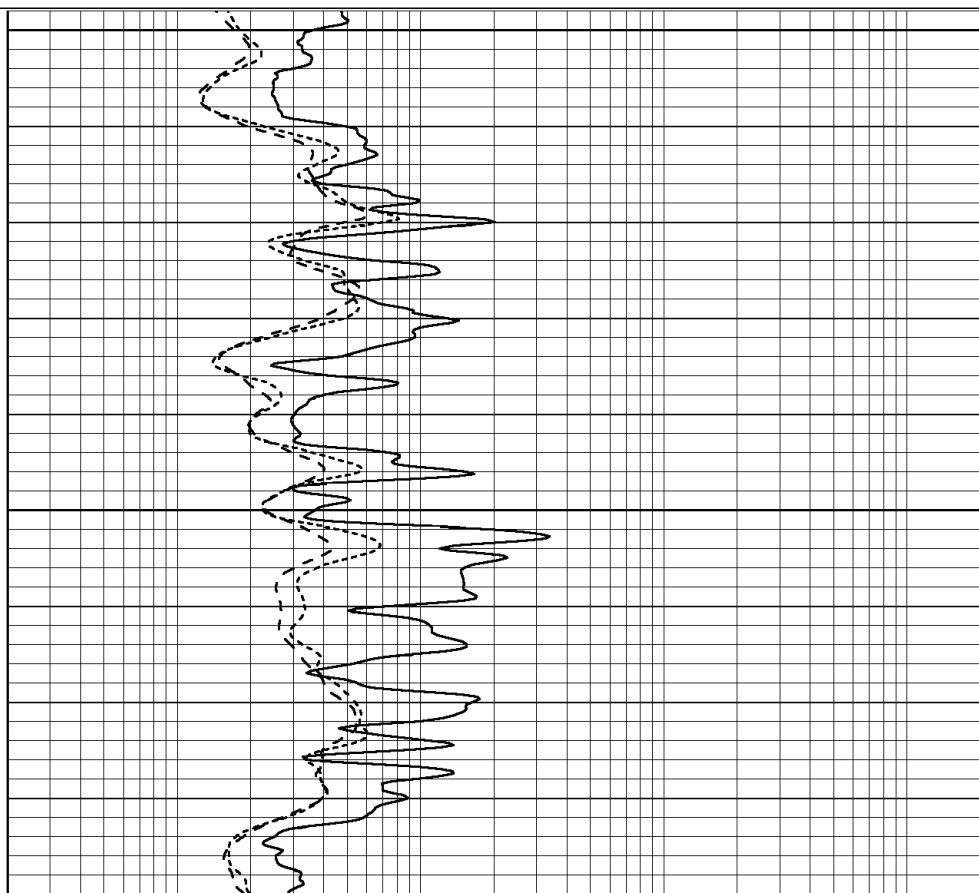
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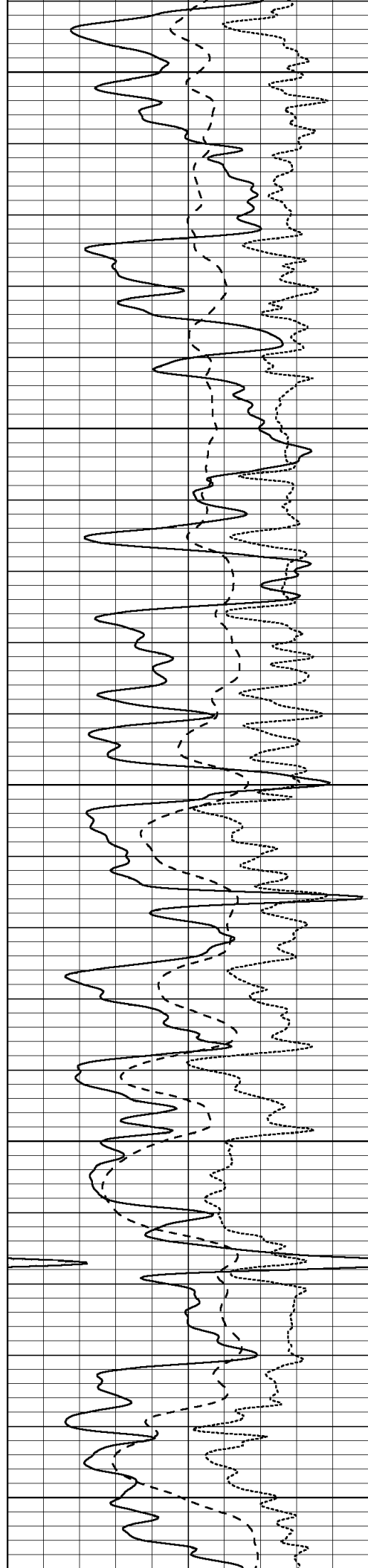


3100



3150





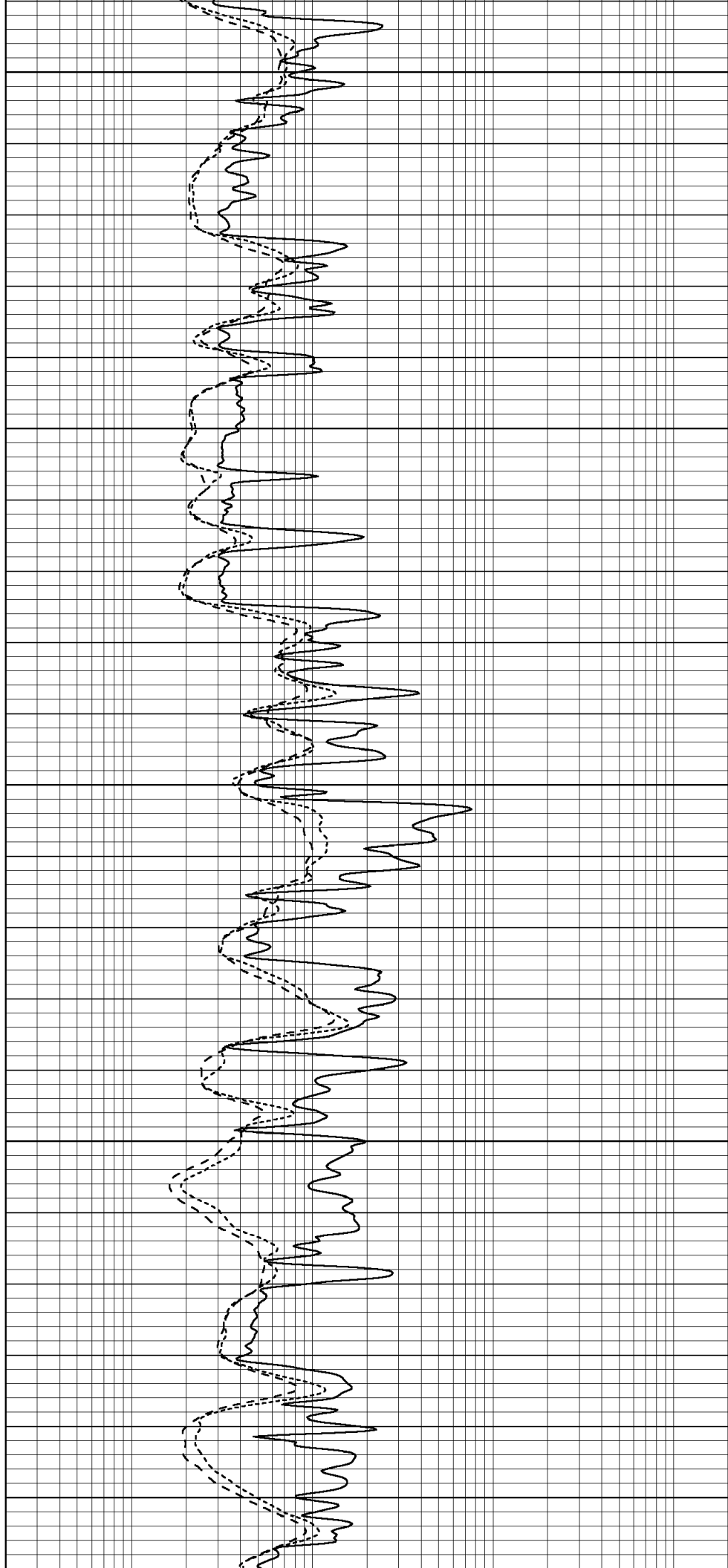
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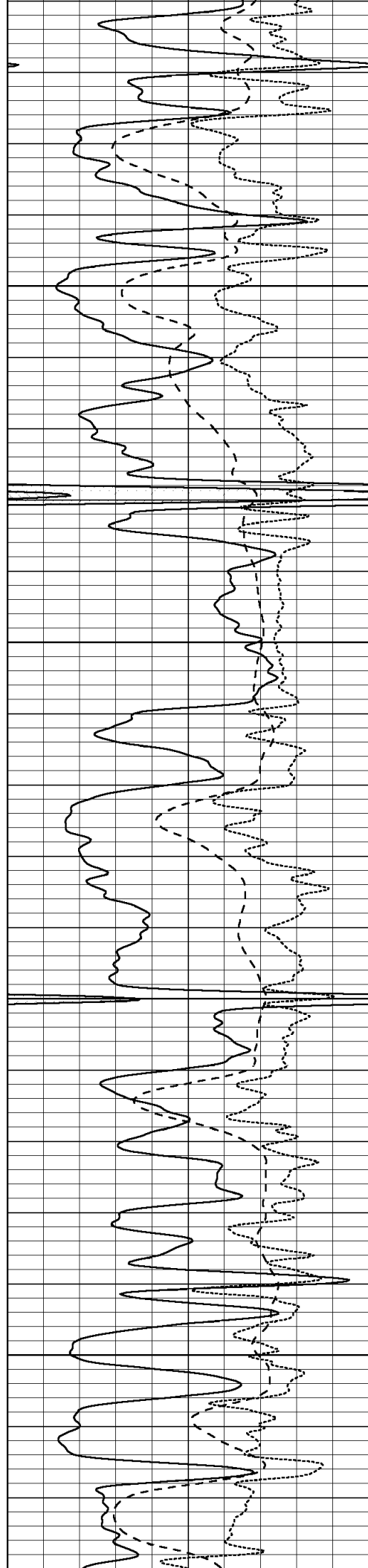
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3300

3350

3400



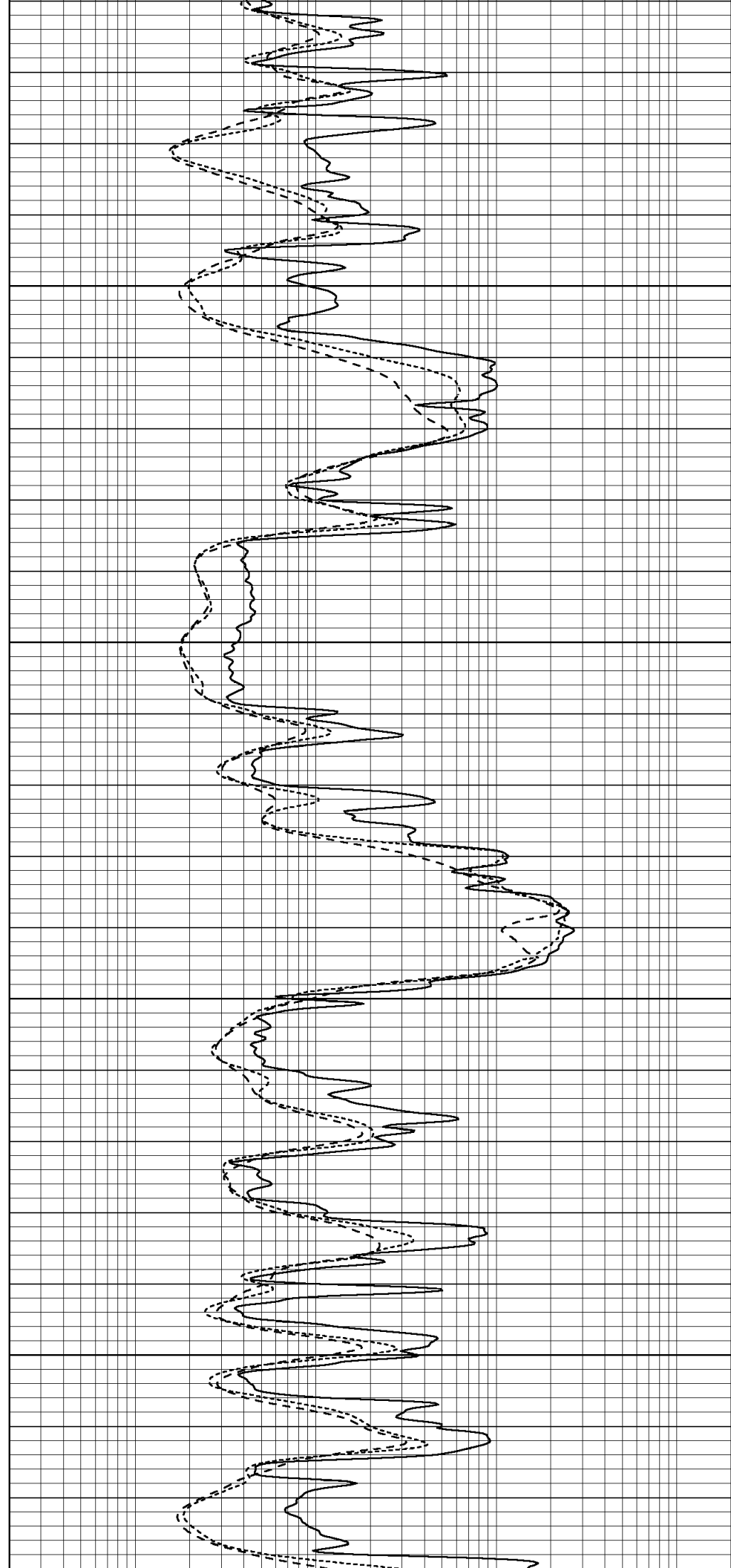


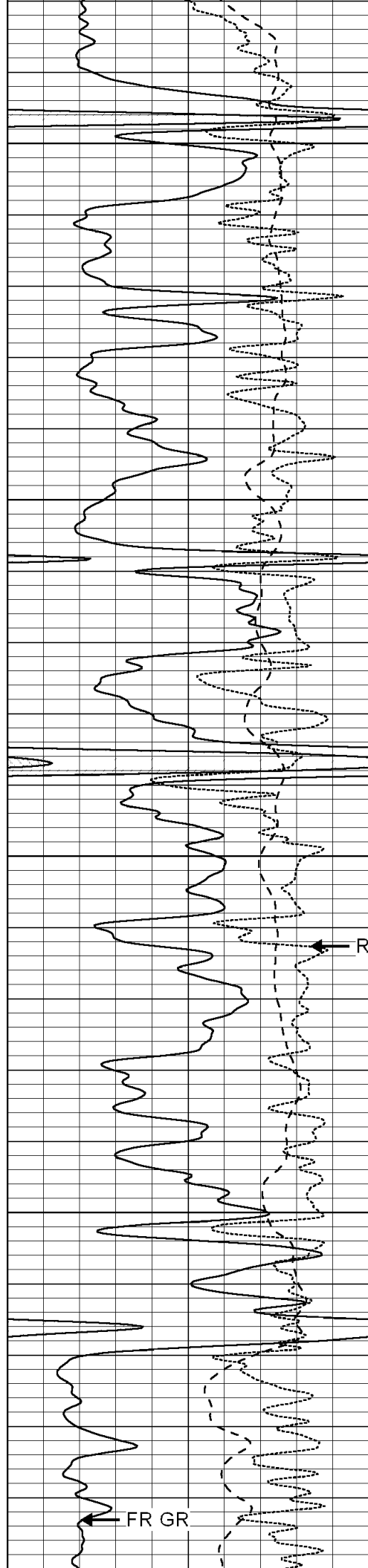
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3500

3550

3600





3650

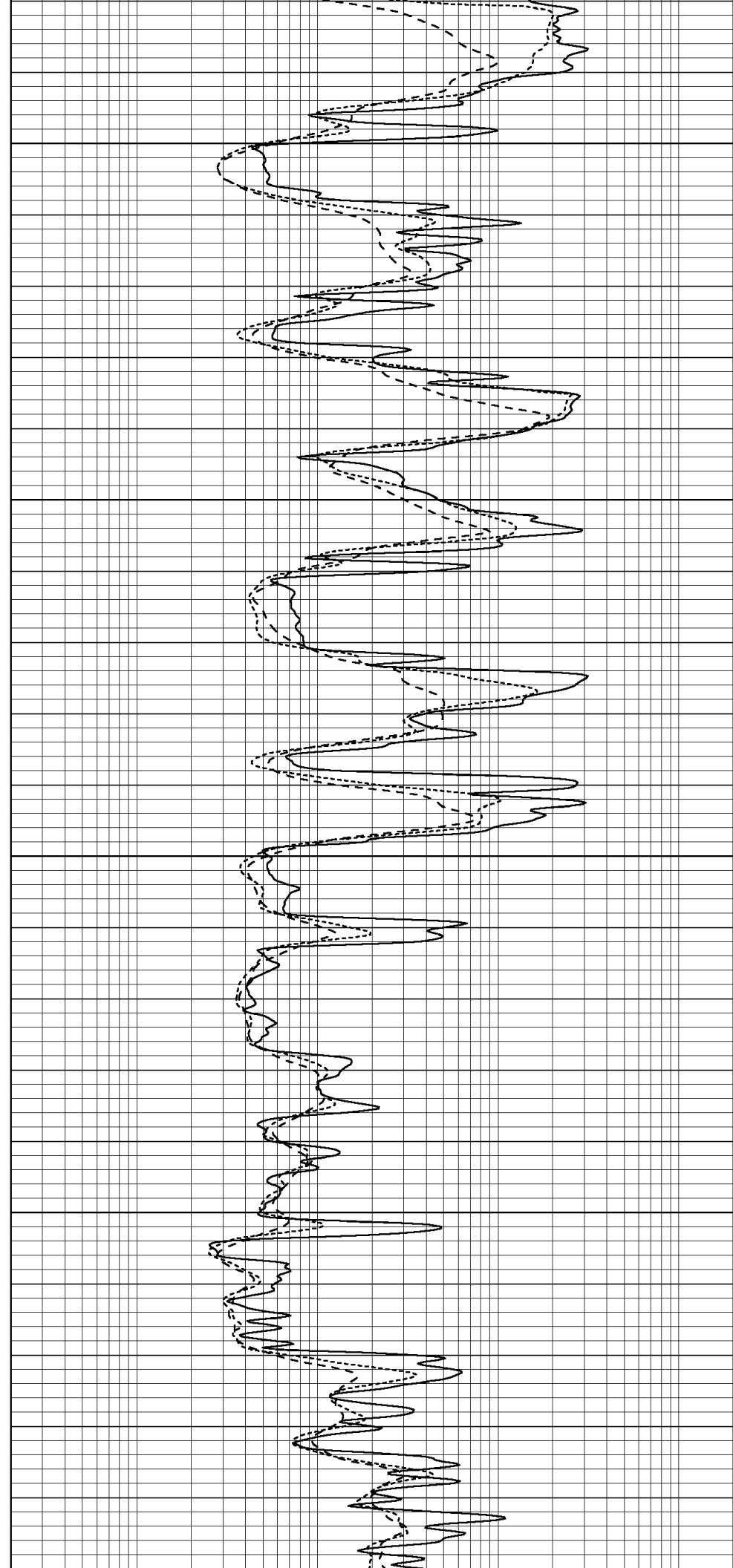
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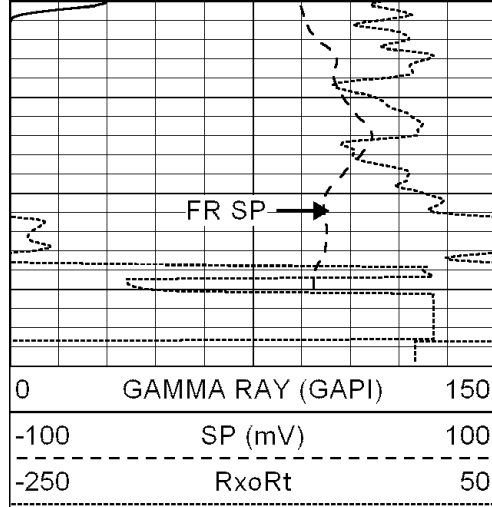
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RxoRt

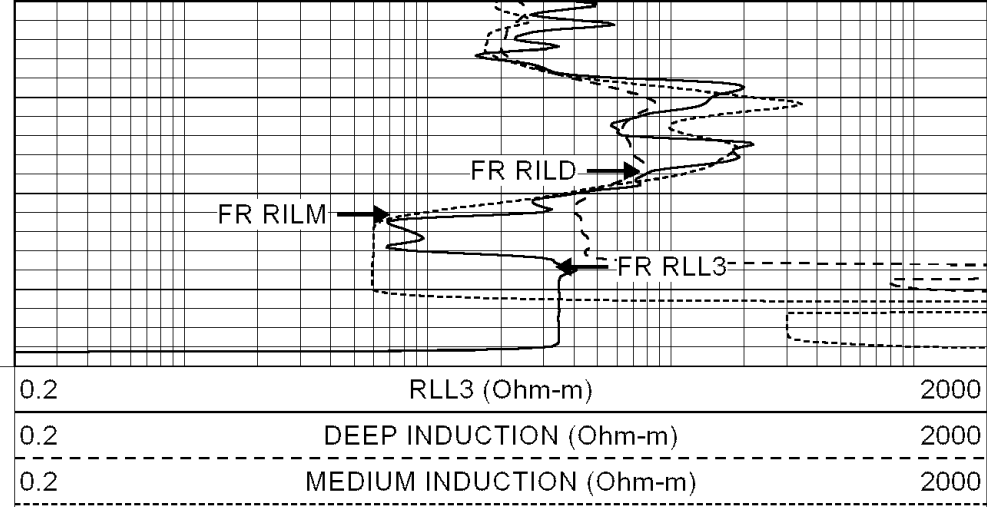
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3850





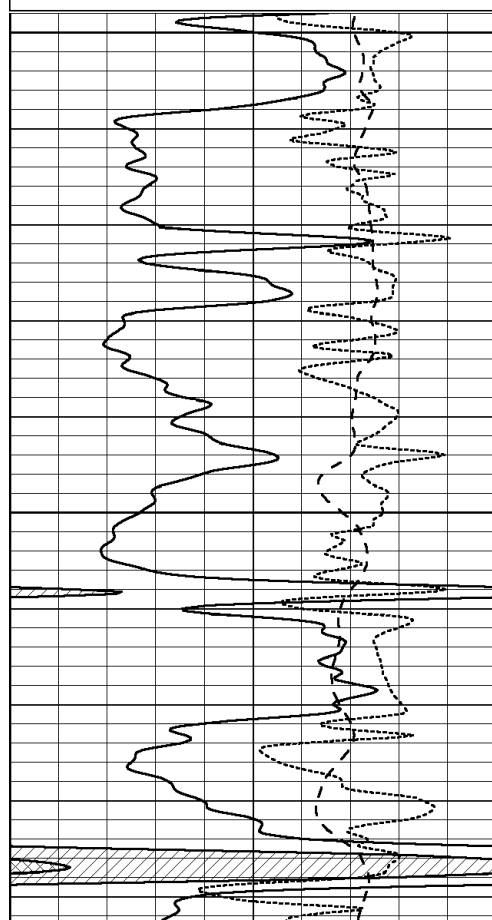
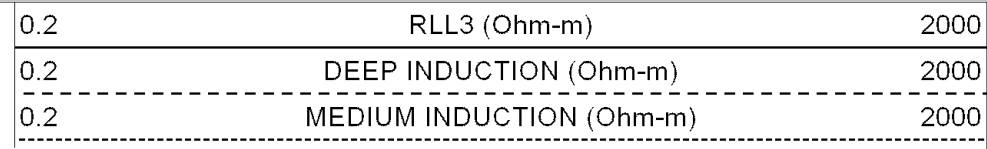
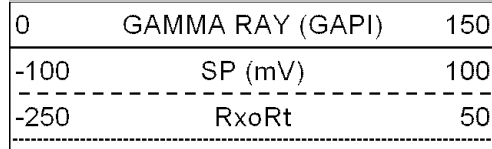
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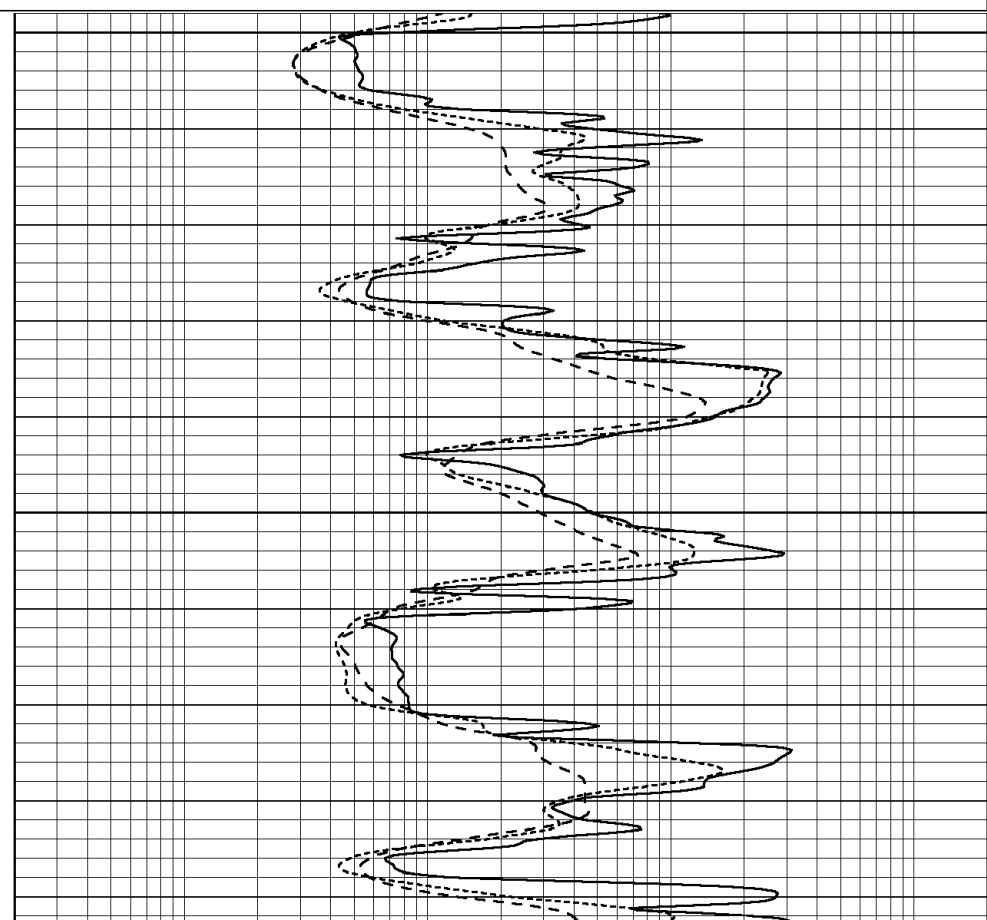
REPEAT SECTION

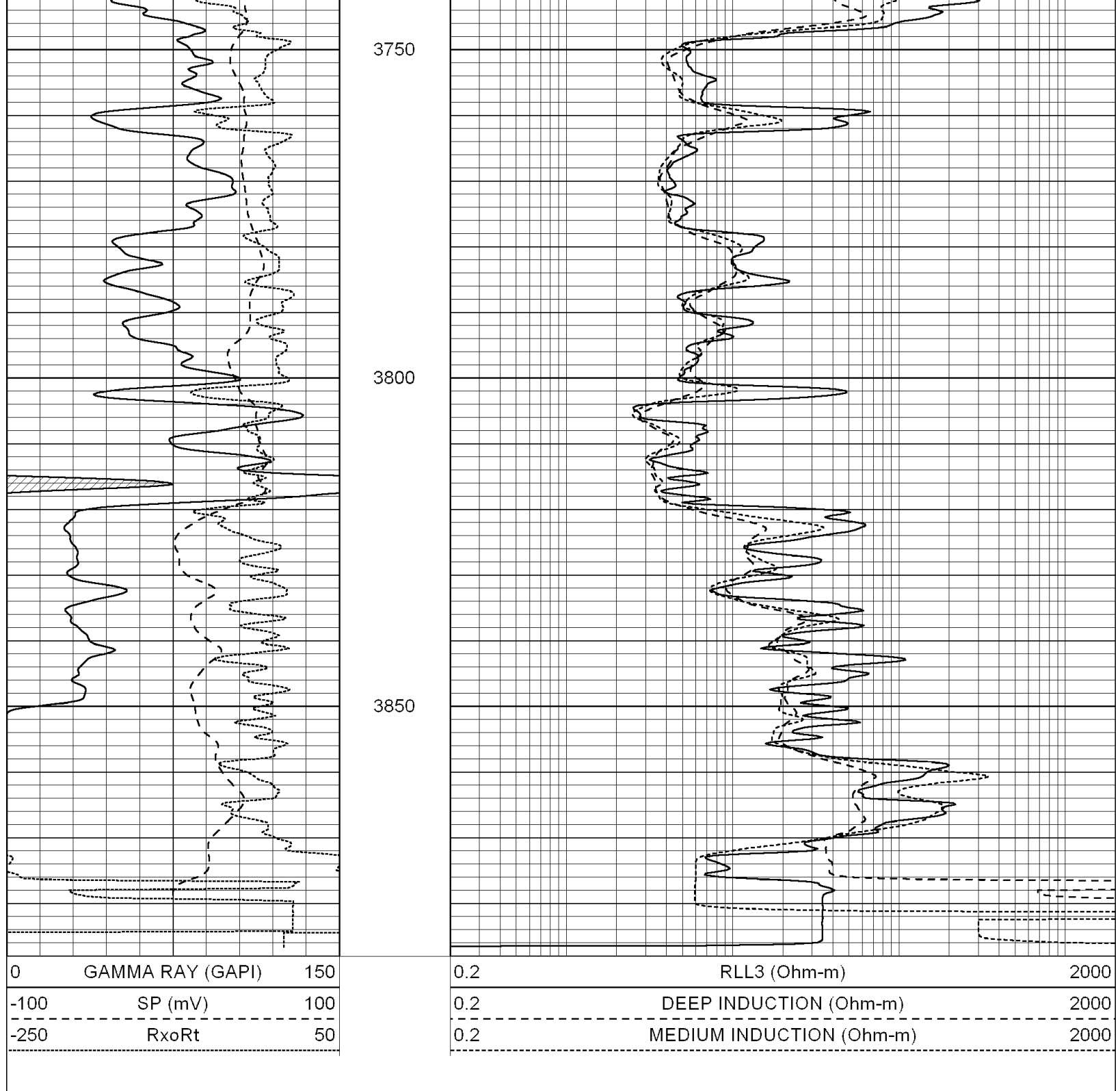
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 Dataset Pathname: pass2.2A
 Presentation Format: dil
 Dataset Creation: Tue Mar 30 09:57:26 2010
 Charted by: Depth in Feet scaled 1:240



3650

3700





Calibration Report

Database File: 004623ddn.db
Dataset Pathname: pass3.2A
Dataset Creation: Tue Mar 30 09:35:08 2010

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
Performed: Tue Mar 30 07:12:21 2010

Readings			References			Results		
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	100.000	mmho/m	550.000	-13.000

Deep	0.004	0.654	V	0.000	462.500	mmho/m	520.000	-17.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	520.000	-17.000
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

Compensated Density Calibration Report

Serial-Model:	GEAR1-GEARHART
Source / Verifier:	147 / 147
Master Calibration Performed:	Sun Mar 28 19:50:06 2010

Master Calibration						
	Density			Far Detector		Near Detector
Magnesium	1.710	g/cc		1243.76	629.14	cps
Aluminum	2.580	g/cc		282.16	435.01	cps
Spine Angle = 76.03			Density/Spine Ratio = 0.569			
	Size			Reading		
Small Ring	8.00	in		3.68	V	
Large Ring	14.00	in		6.06	V	

Compensated Neutron Calibration Report

Serial Number:	NEU_11
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:	Sun Mar 28 20:42:13 2010	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6000	GAPI/cps