



DIGITAL LOG (785) 625-3858

Dual Induction Log

15-009-25,729-00-00

API No.

Company F.G. Holl Company, LLC

Well Penner Trust Unit No. 1-15

Field

County Barton State Kansas

Location 80' N, 3' W of C E/2 E/2 E/2
2,560' FNL & 333' FEL

Sec: 15 Twp: 20S Rge: 15W

Other Services
CNL/CDL
MEL/BHCS

Elevation

K.B. 1984
D.F.
G.L. 1976

Permanent Datum Ground Level Elevation 1976
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	7/26/2012	
Run Number	One	
Depth Driller	3850	
Depth Logger	3851	
Bottom Logged Interval	3850	
Top Log Interval	00	
Casing Driller	8.625 @ 964	
Casing Logger	960	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	5500	
Density / Viscosity	9.1 57	
pH / Fluid Loss	11.0 8.8	
Source of Sample	Flowline	
Rm @ Meas. Temp	.82 @ 78	
Rmf @ Meas. Temp	.62 @ 78	
Rmc @ Meas. Temp	1.11 @ 78	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.56 @ 115	
Operating Rig Time	6 Hours	
Max Rec. Temp. F	115	
Equipment Number	108	
Location	Hays	
Recorded By	J. Long	
Witnessed By	Rene Husted	

<<< 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 Log-Tech, Inc.
(785) 625-3858

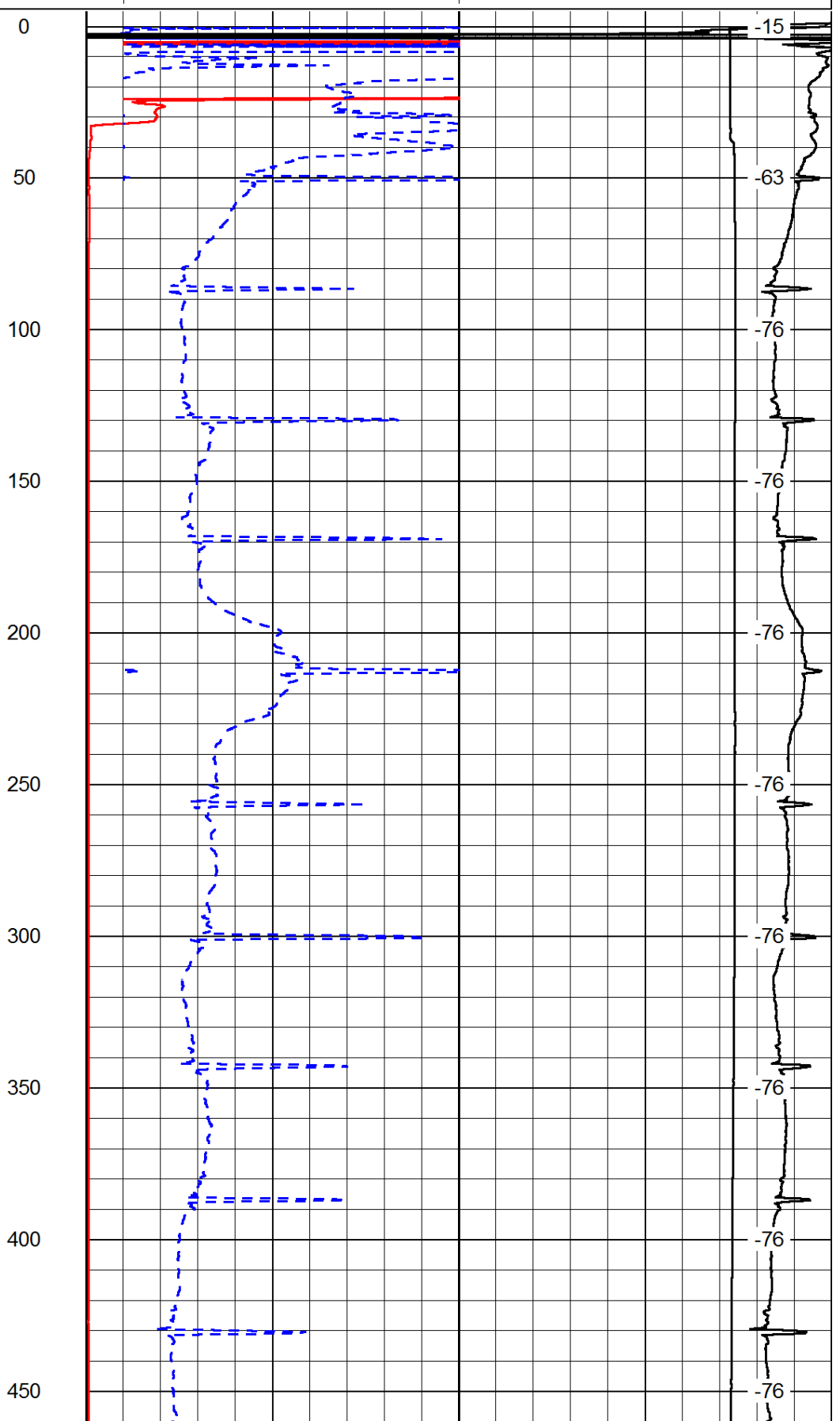
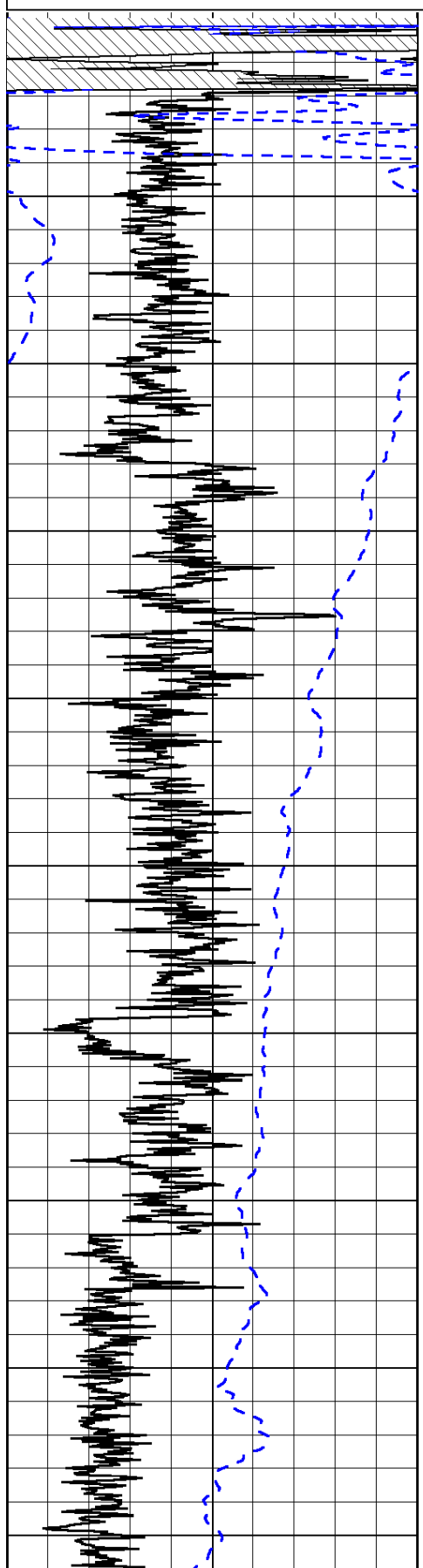
Great Bend, 4 Southwest on 156 Highway to Turner Blacktop (SW 30 Road), 5 West to SW 100 Avenue, 1/2 South, West Into

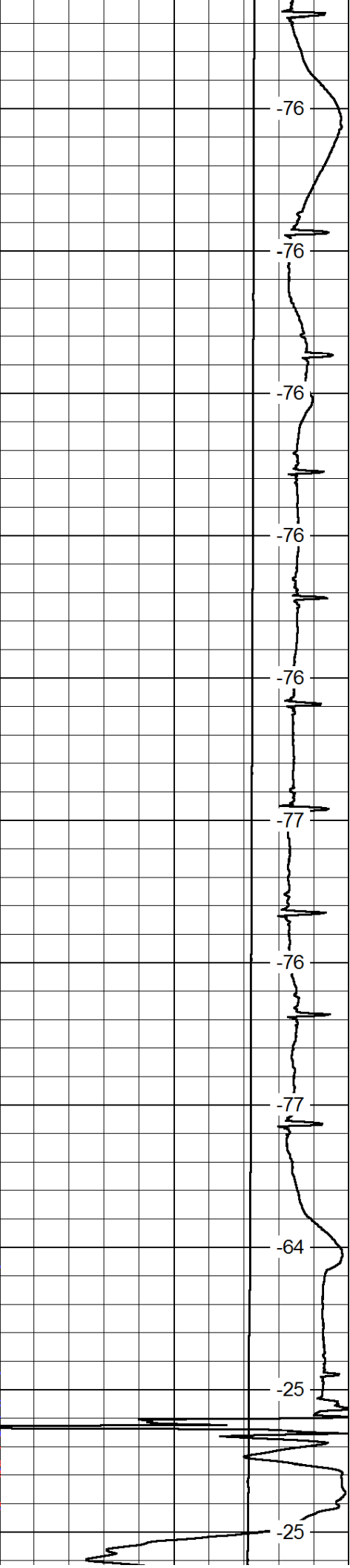
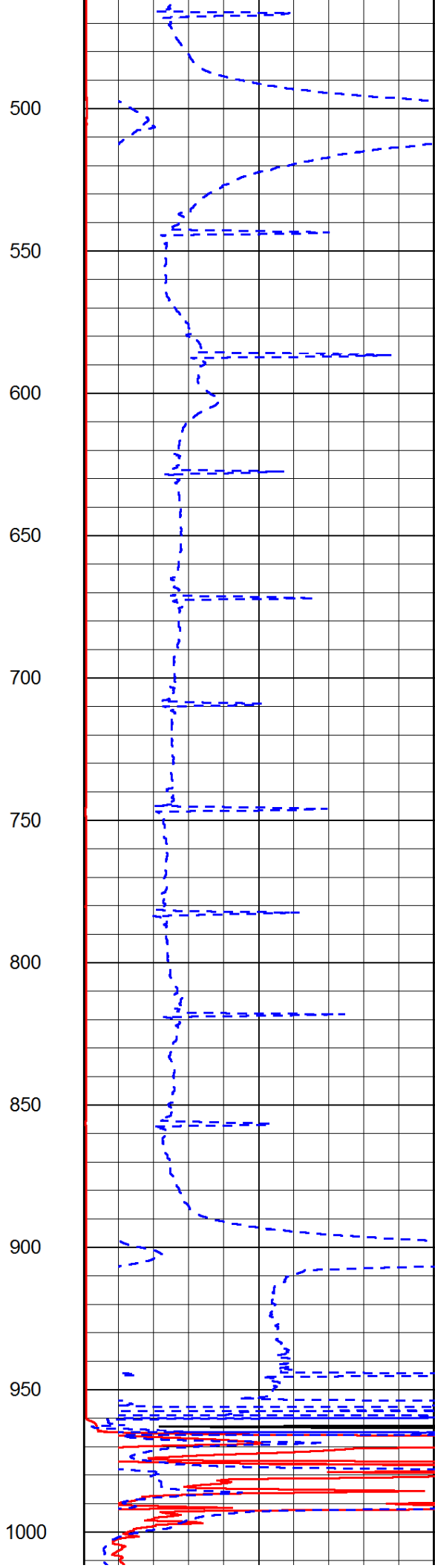
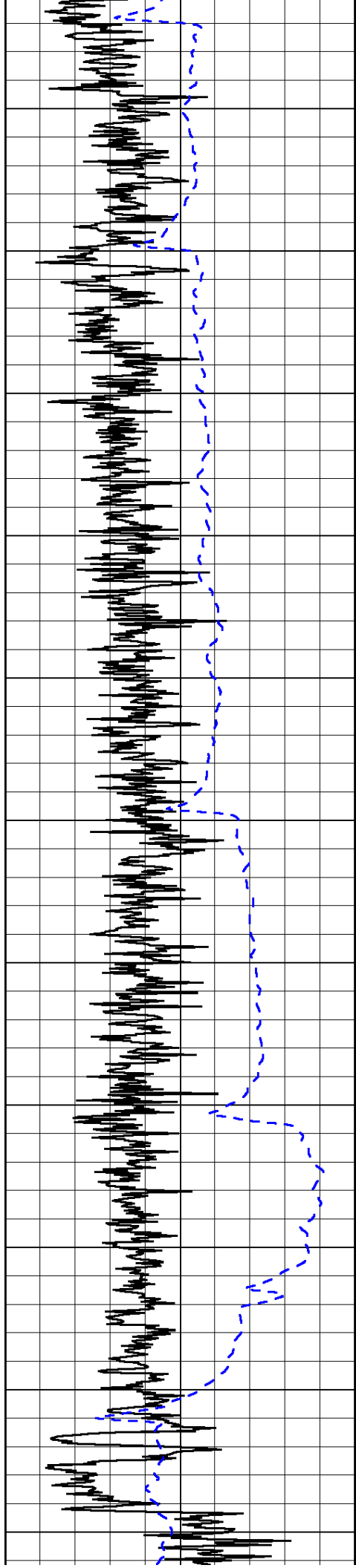
Database File: c:\warrior\data\fg holl_penner trust unit no. 1-15\fg_holl_pennertrust_1-15hd.db
 Dataset Pathname: dil/fgstck
 Presentation Format: dil2in
 Dataset Creation: Thu Jul 26 18:14:27 2012
 Charted by: Depth in Feet scaled 1:600

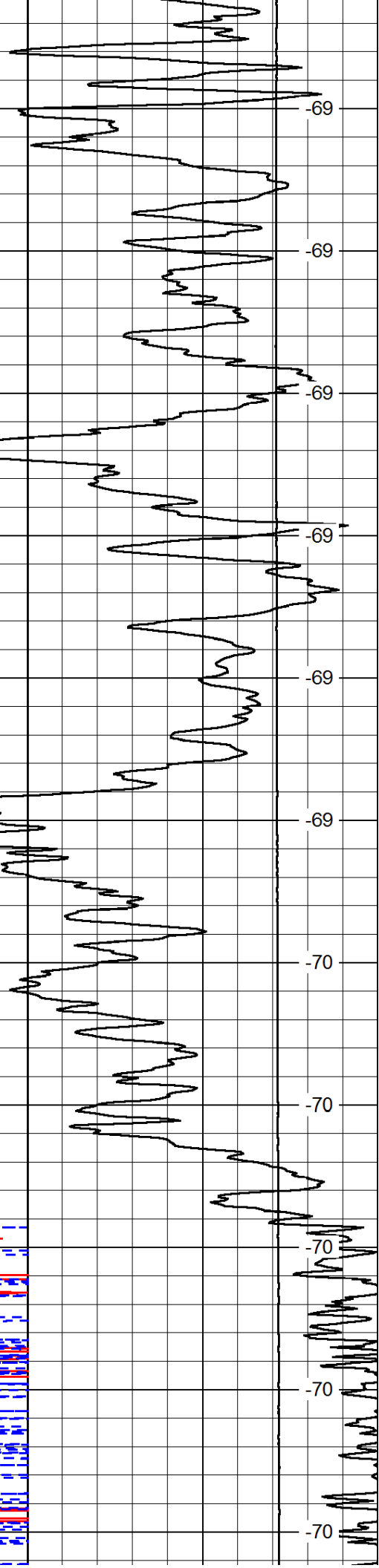
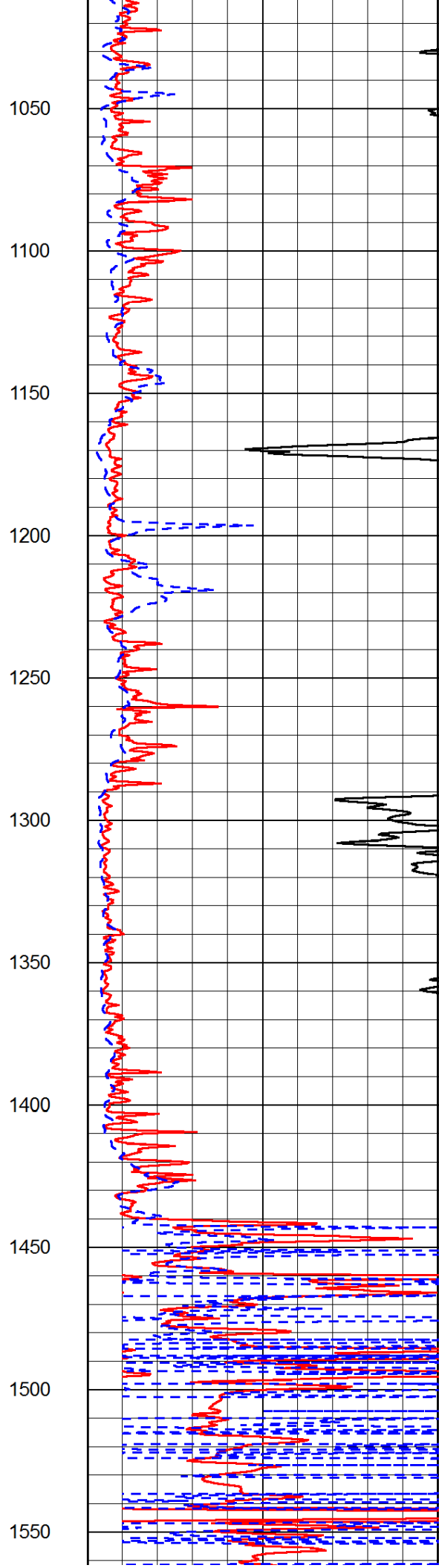
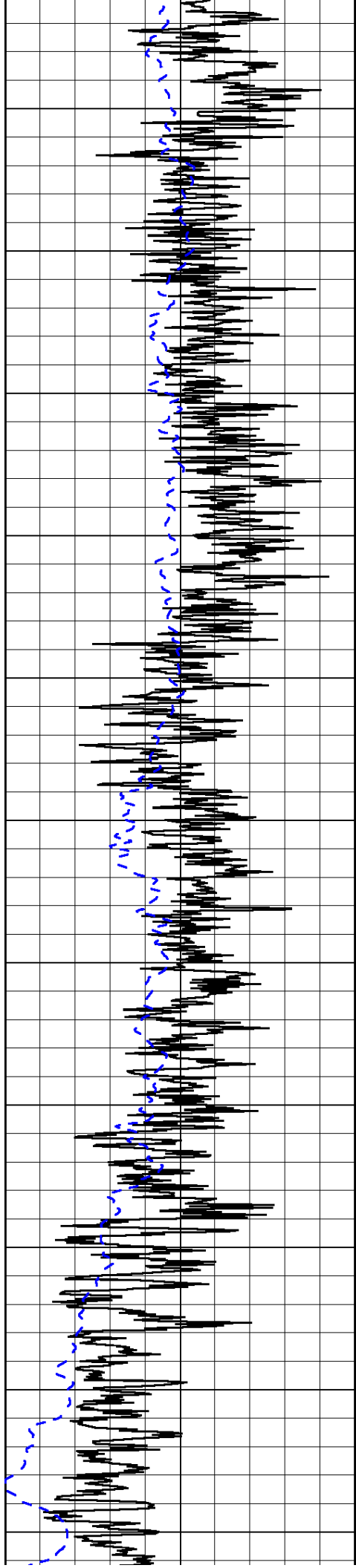
0	Gamma Ray	150
-200	SP (mV)	0

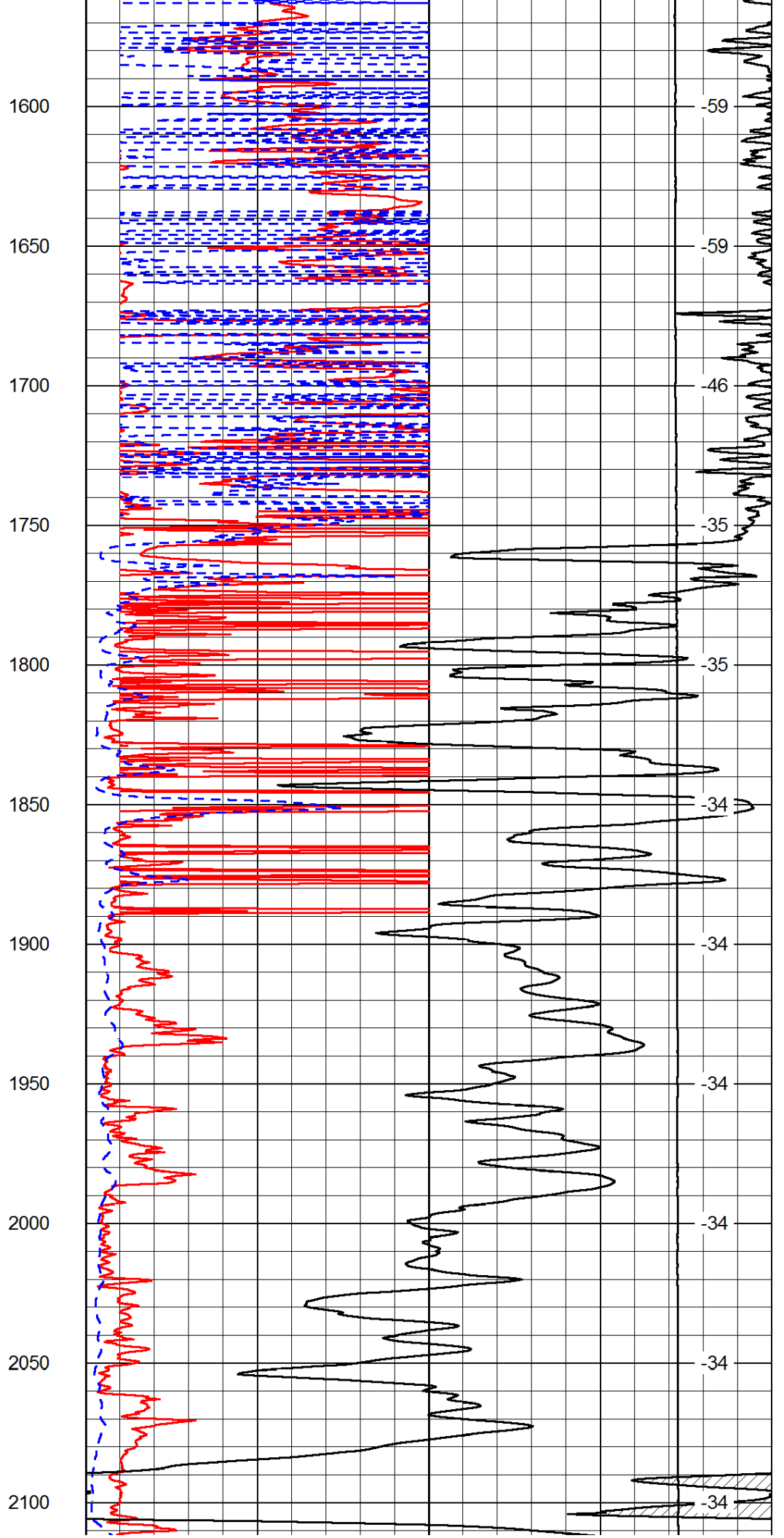
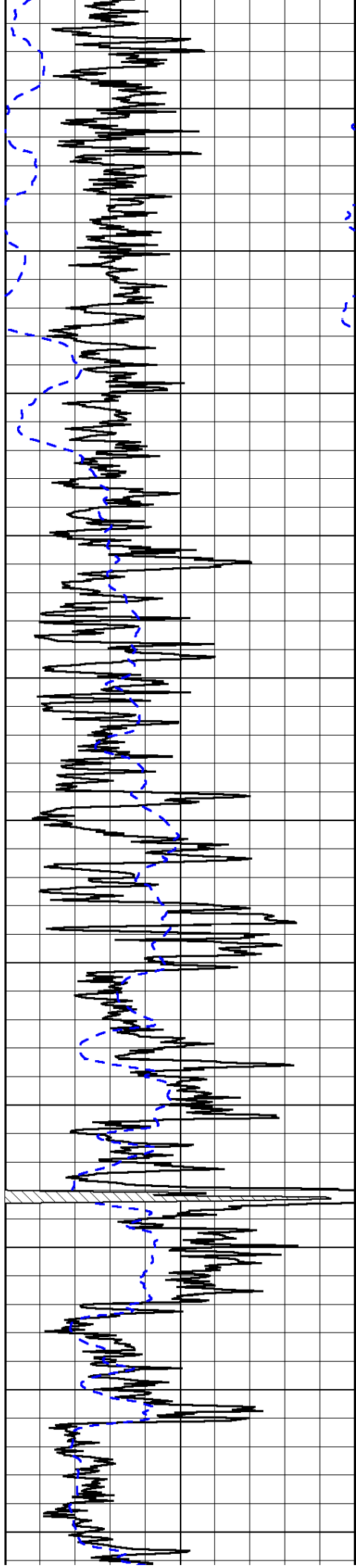
0	Shallow Resistivity	50
0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0
50	Shallow Resistivity	500
50	Deep Resistivity	500

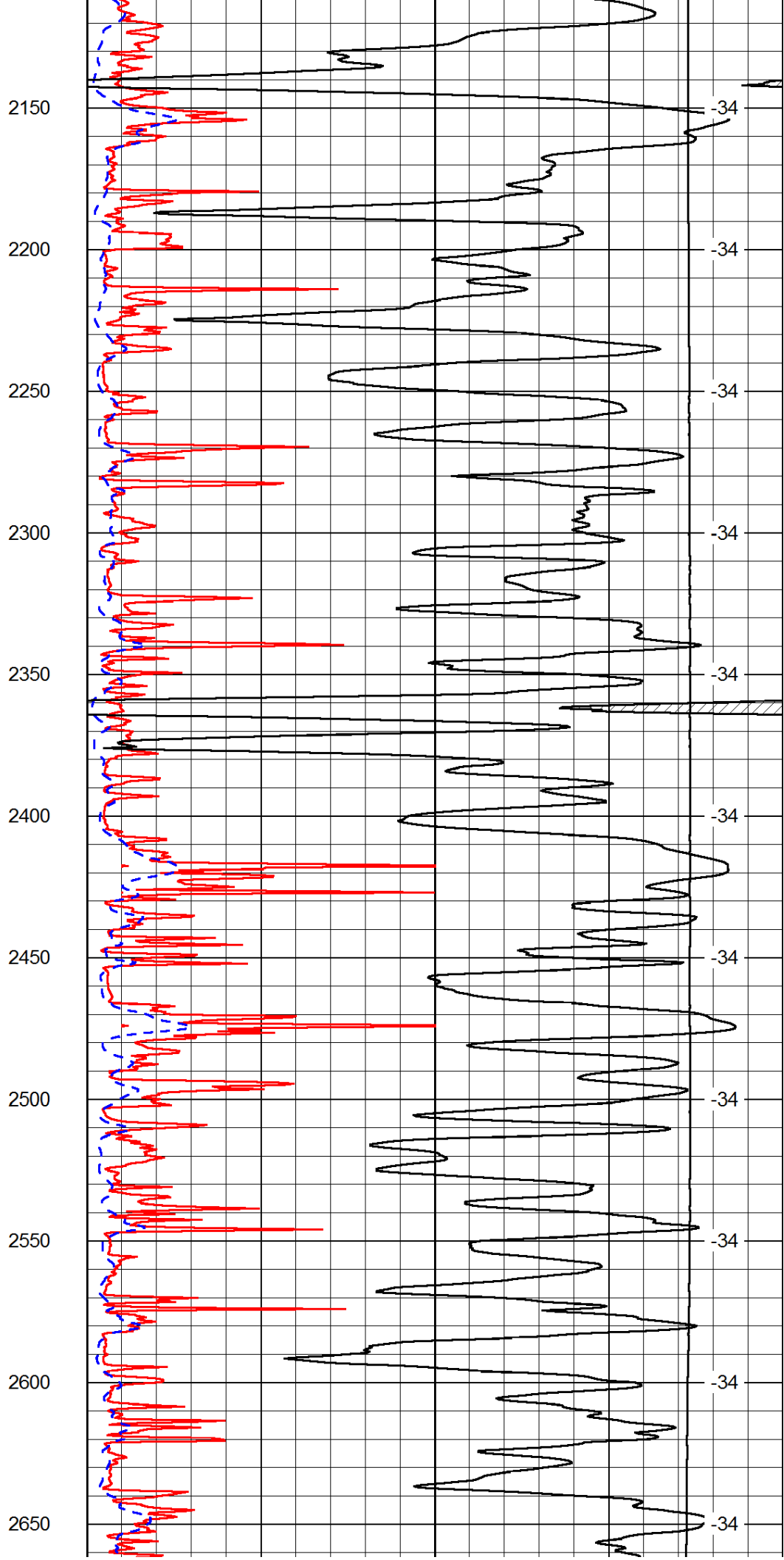
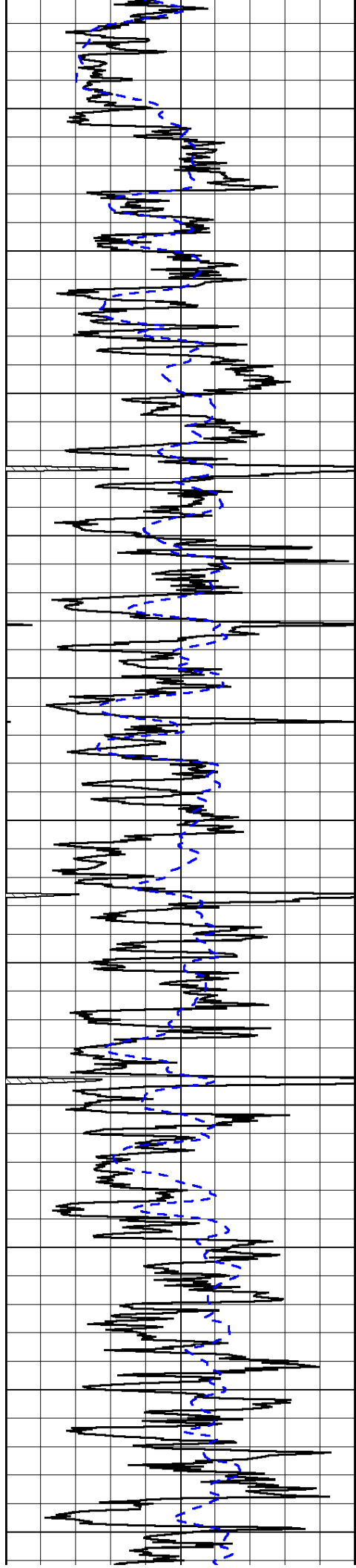
LSPD

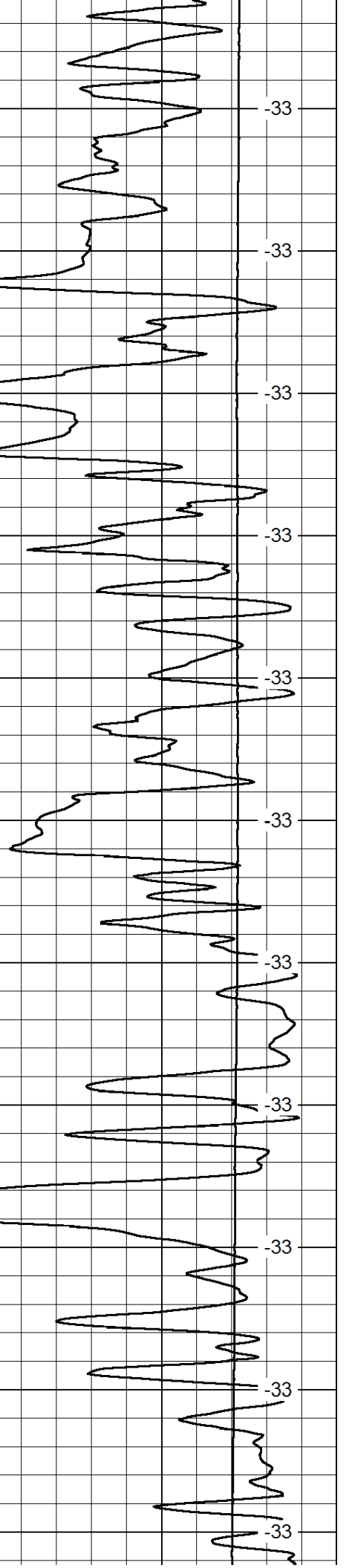
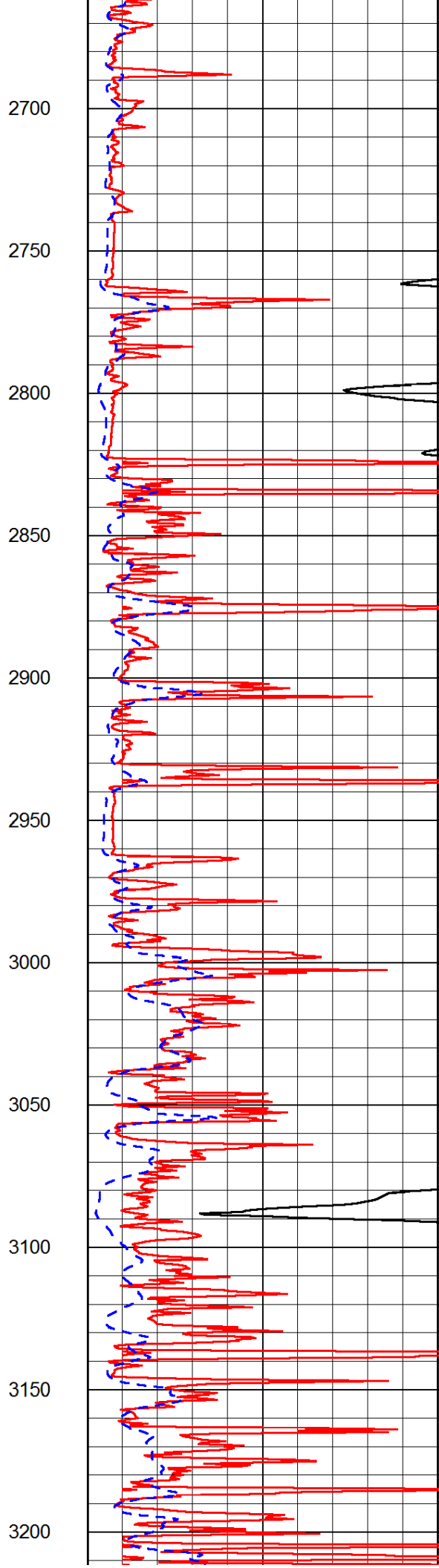
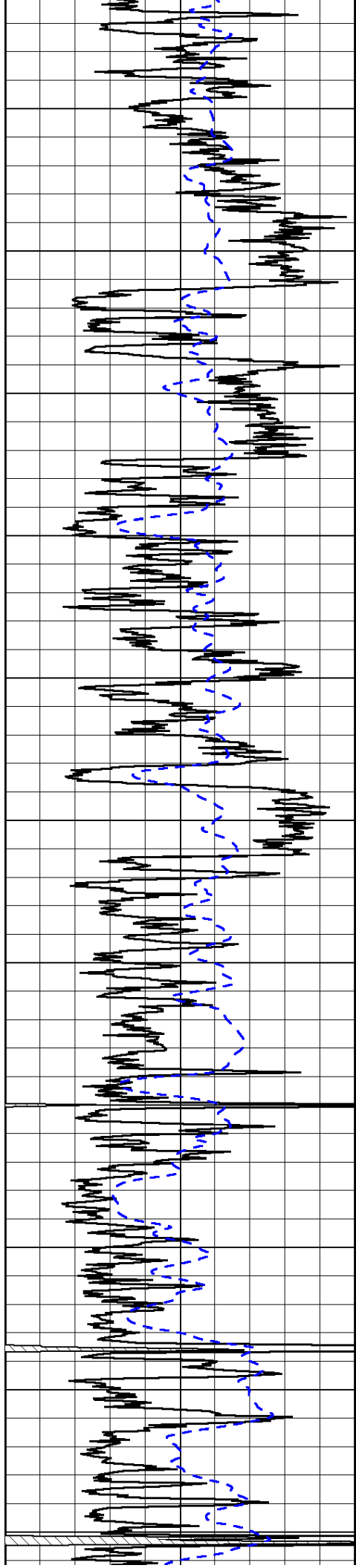


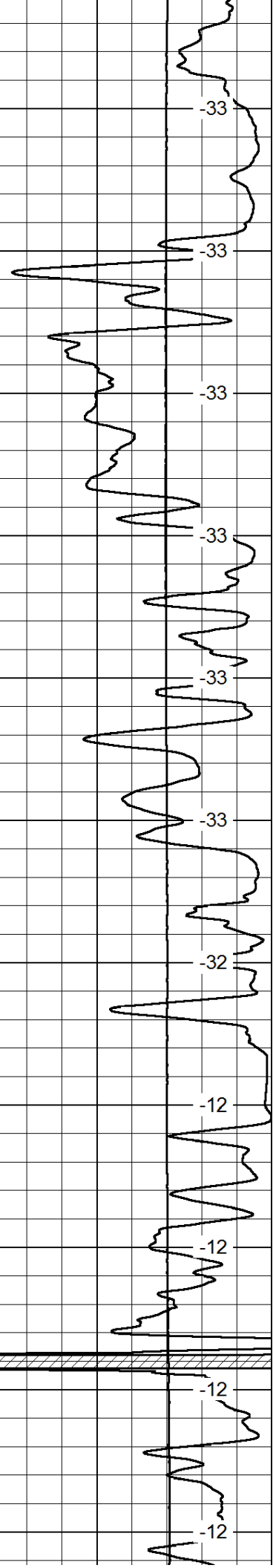
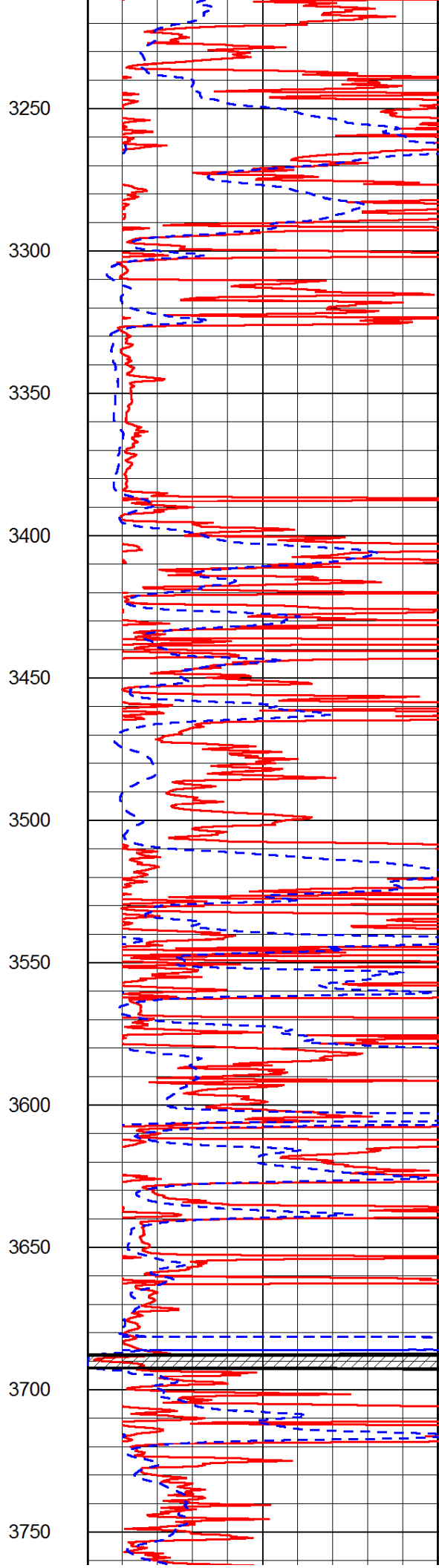
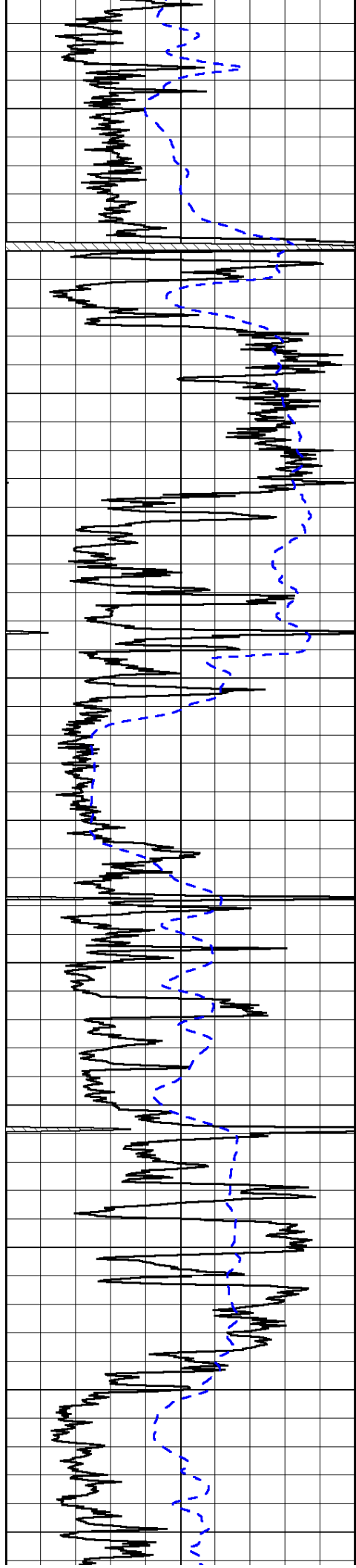


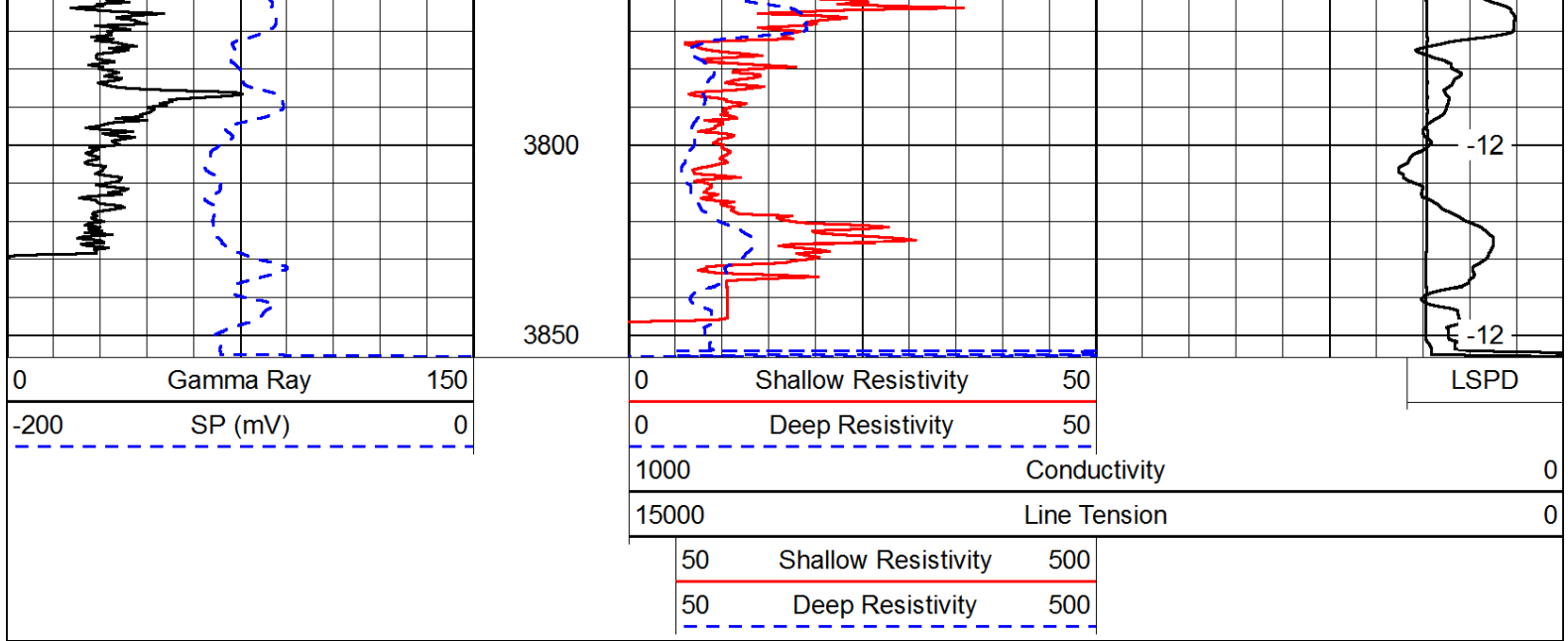






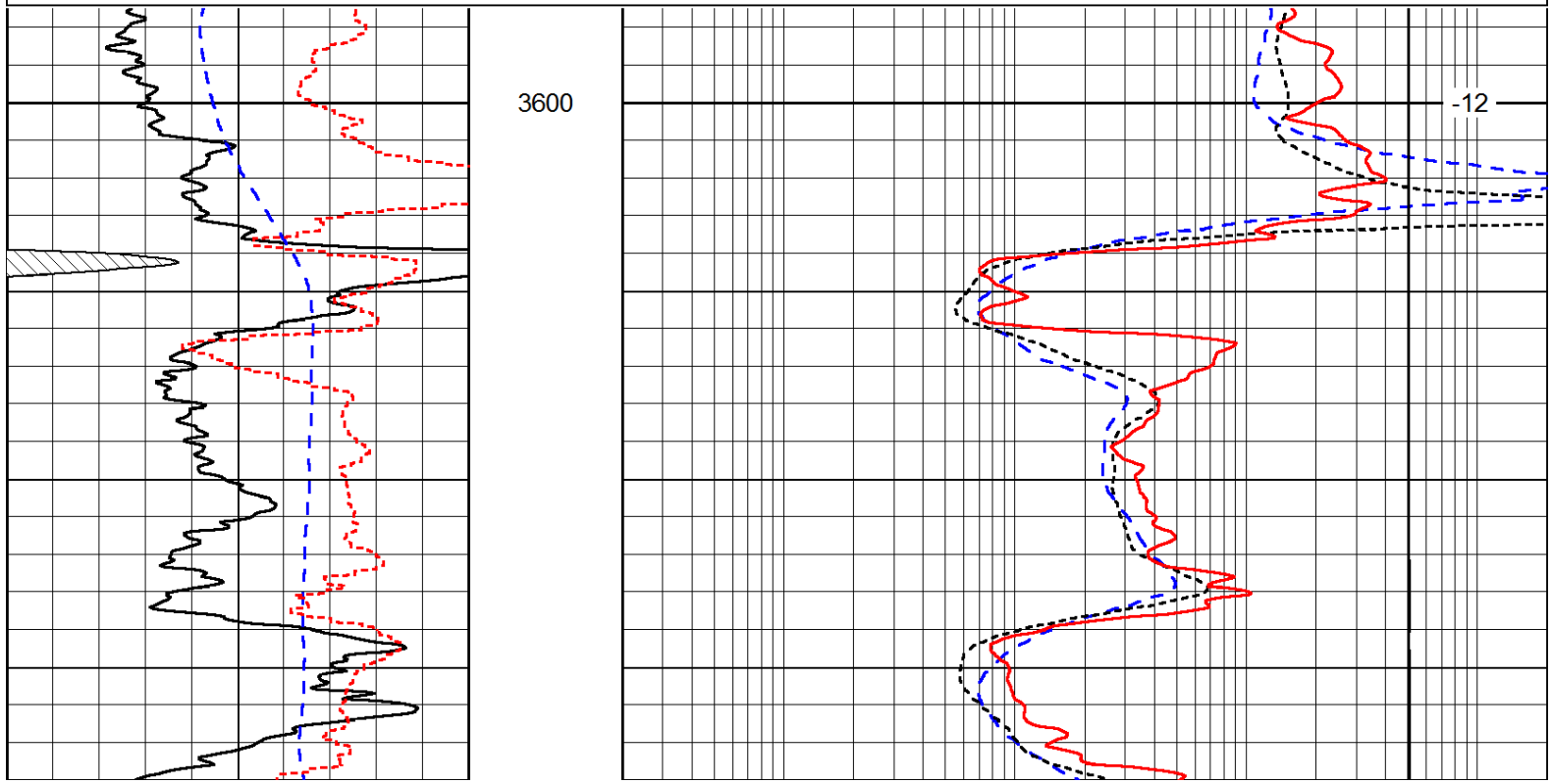
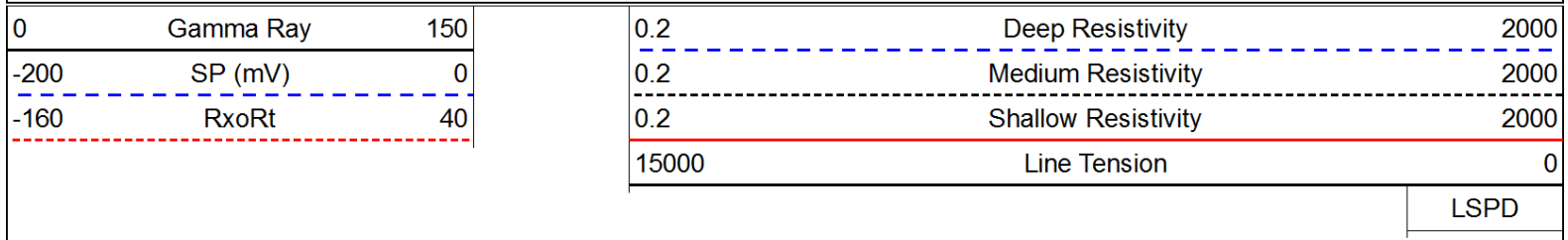


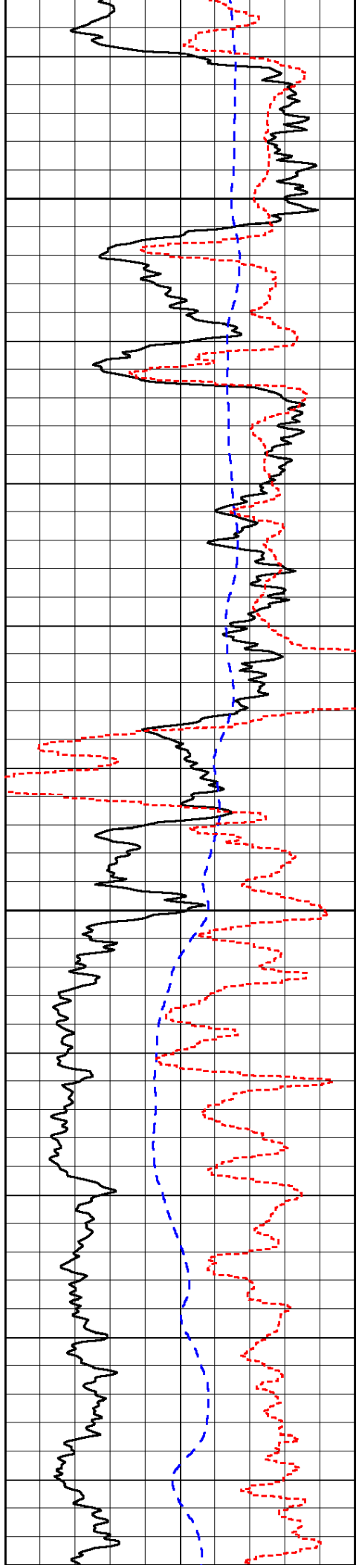




High Resolution

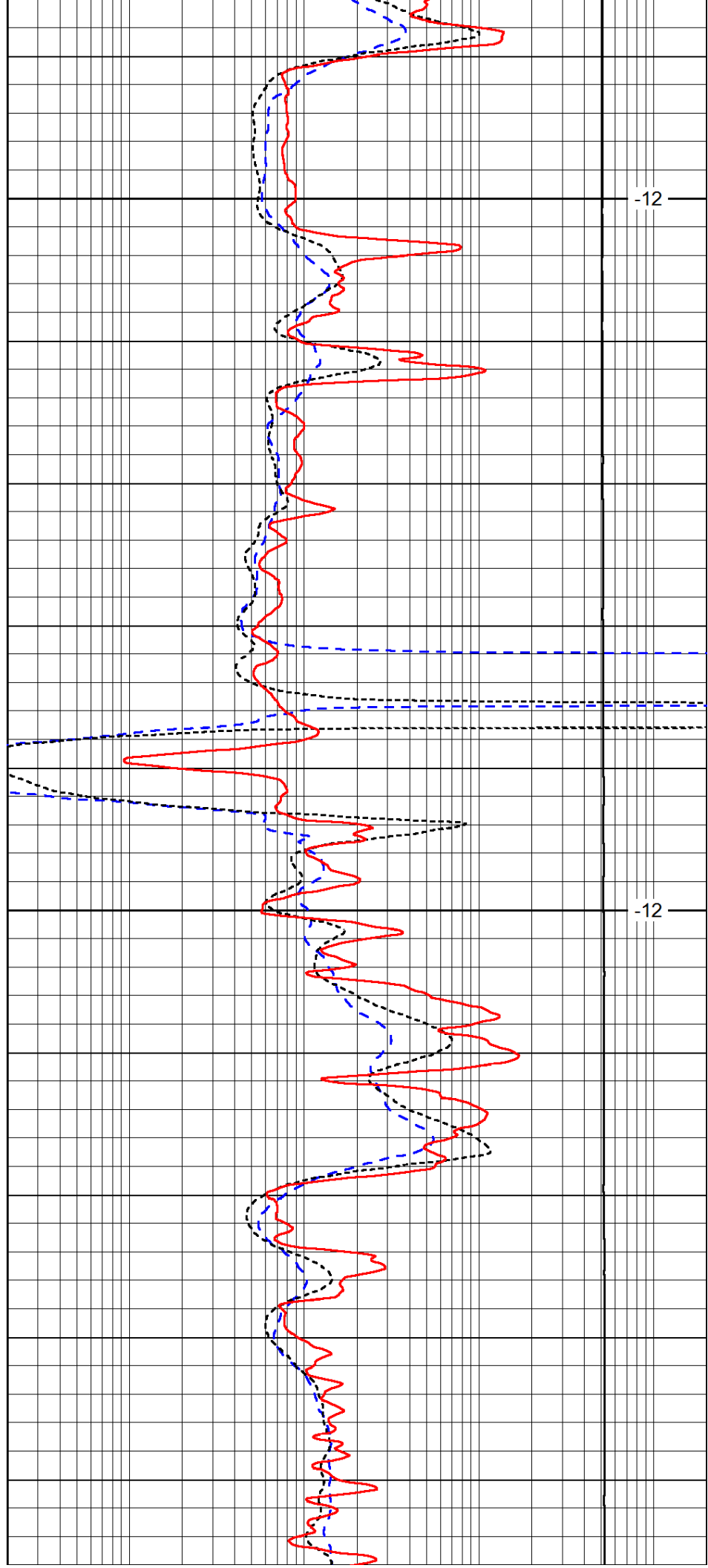
Database File: c:\warrior\data\fg holl_penner trust unit no. 1-15\fgholl_pennertrust_1-15hd.db
 Dataset Pathname: dil/fghires
 Presentation Format: dil
 Dataset Creation: Thu Jul 26 18:14:25 2012
 Charted by: Depth in Feet scaled 1:120





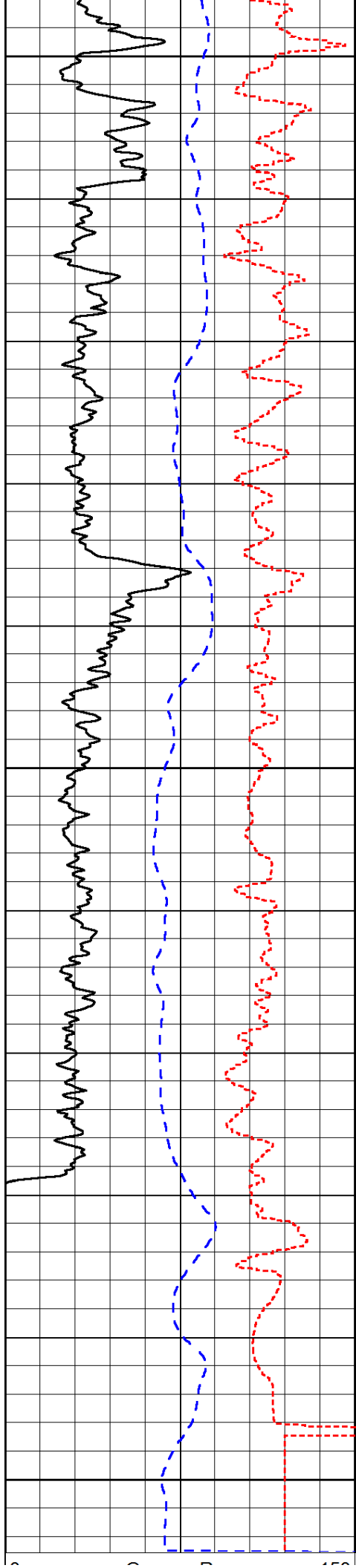
3650

3700



-12

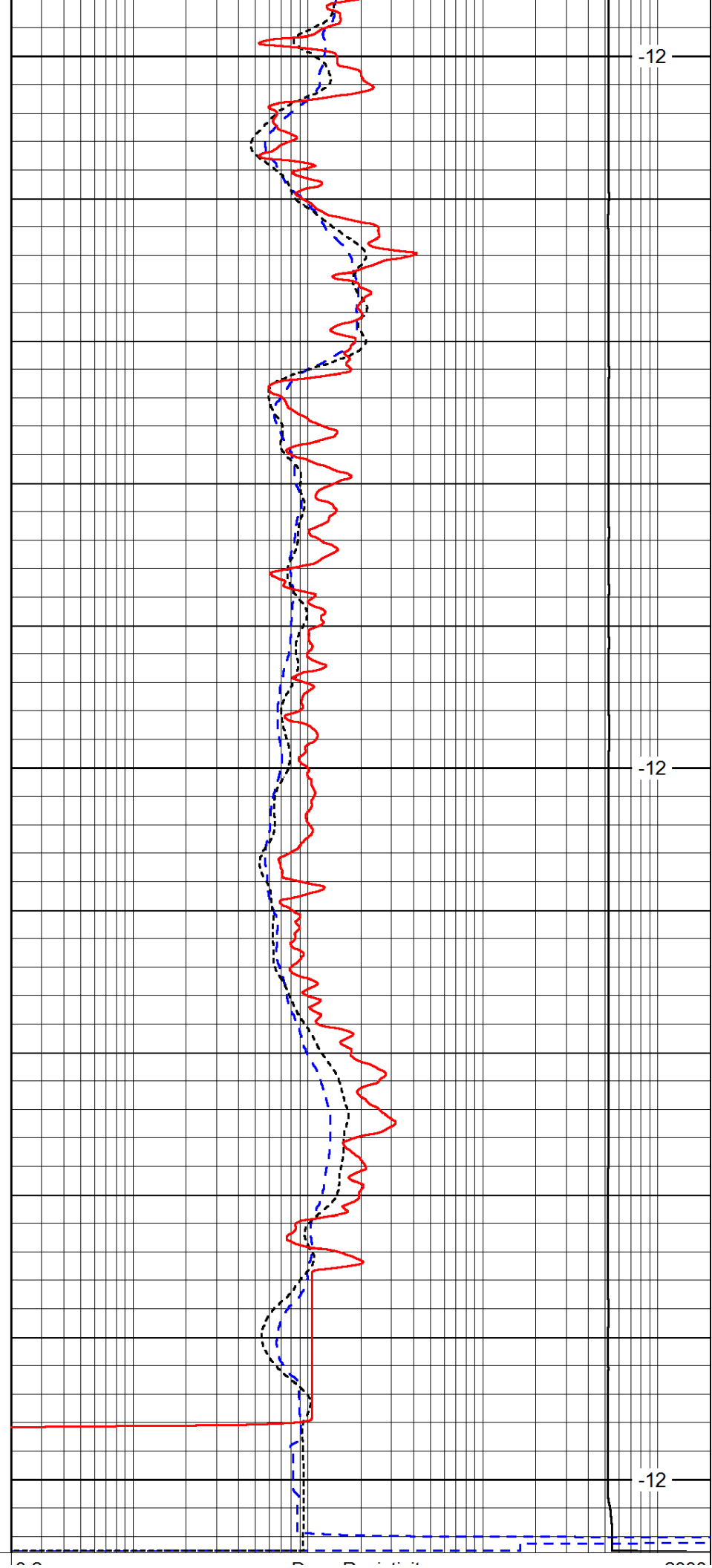
-12



3750

3800

3850



-12

-12

-12

0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

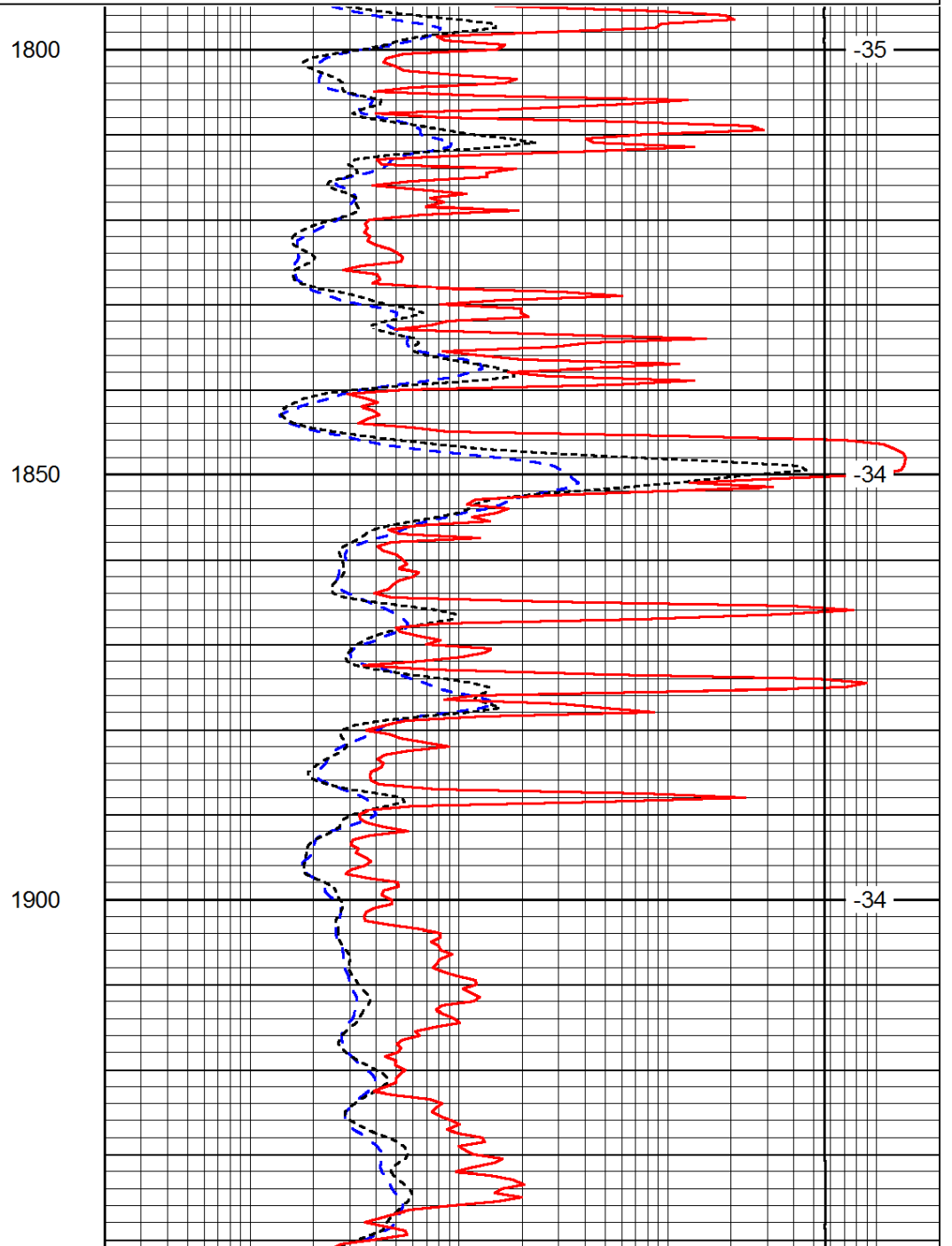
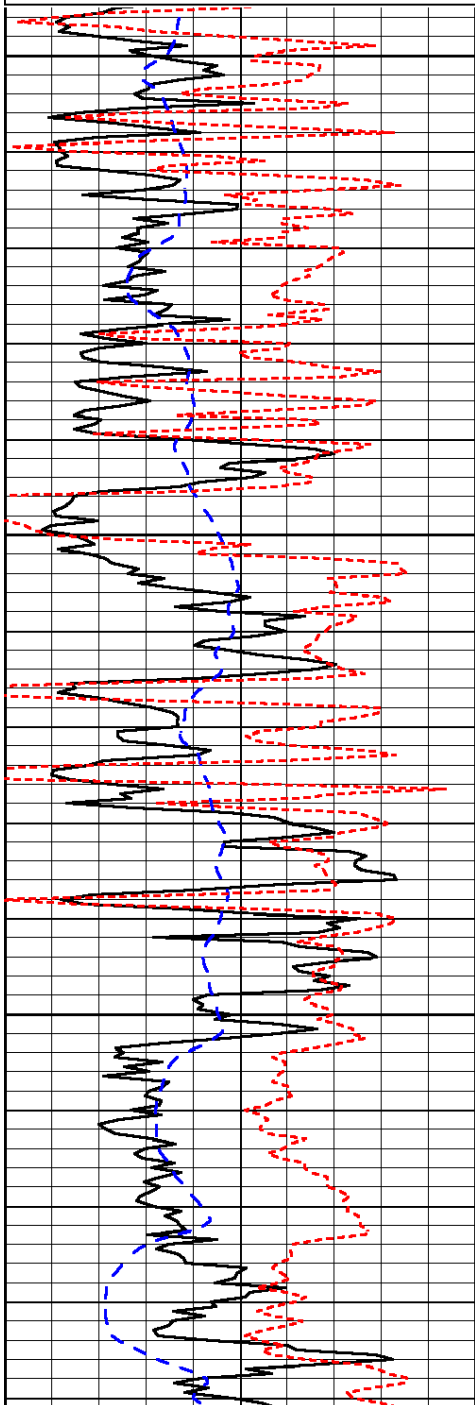
LSPD

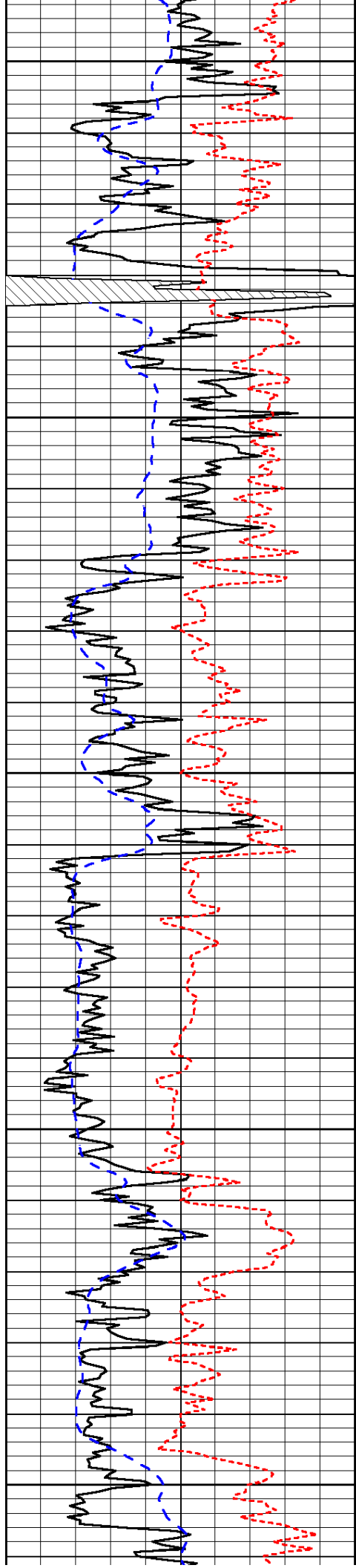
Database File: c:\warrior\data\fg holl_penner trust unit no. 1-15\fgholl_pennertrust_1-15hd.db
 Dataset Pathname: dil/fgstck
 Presentation Format: dil
 Dataset Creation: Thu Jul 26 18:14:27 2012
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-200	SP (mV)	0
-160	RxoRt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD





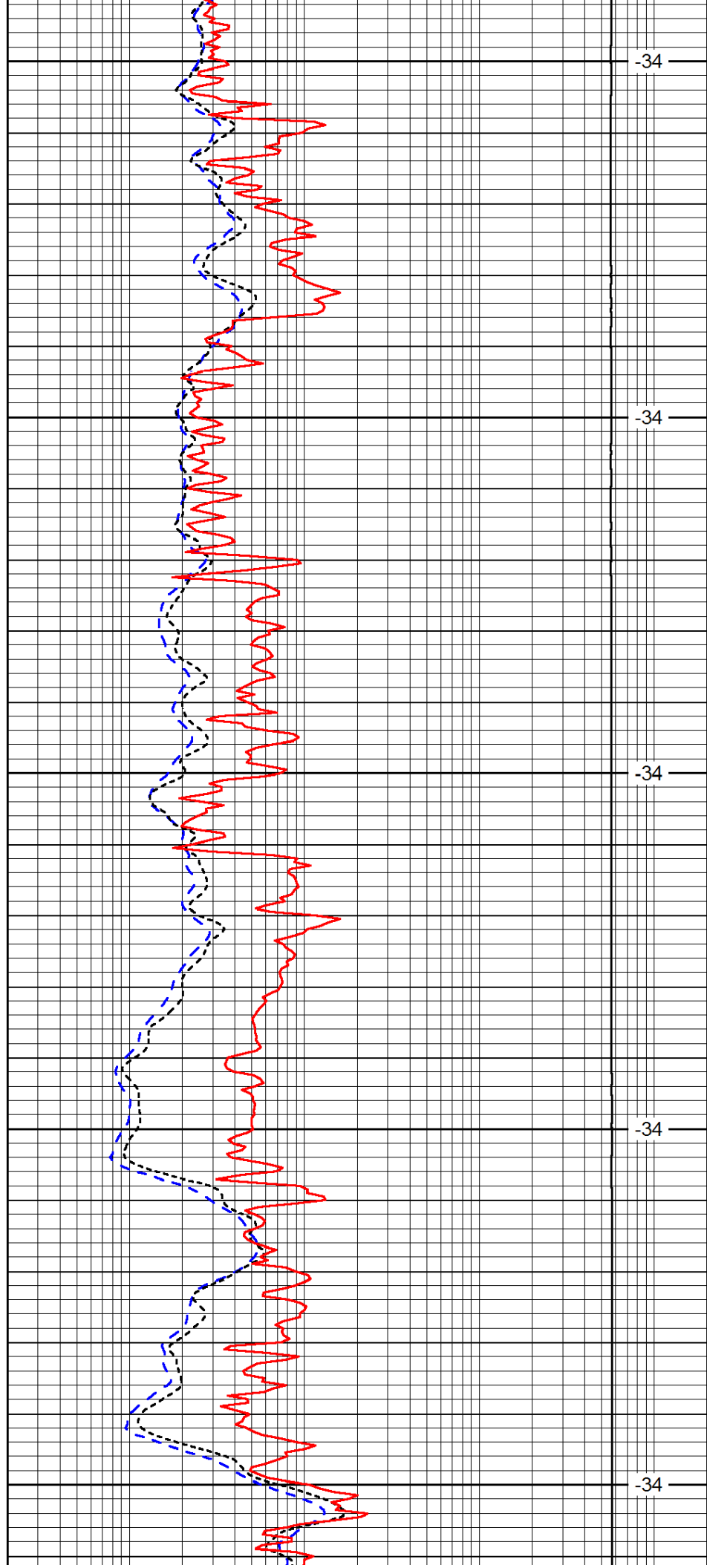
1950

2000

2050

2100

2150



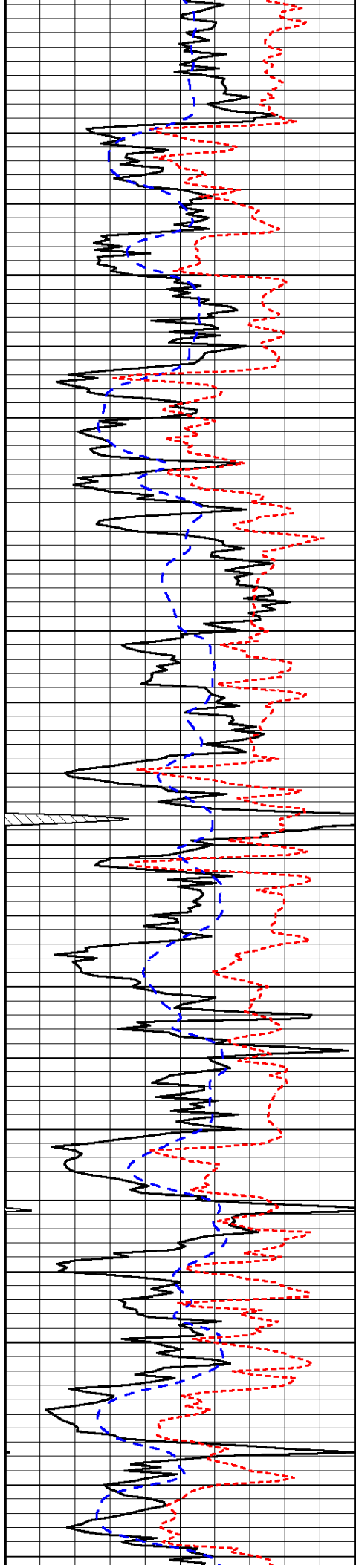
-34

-34

-34

-34

-34

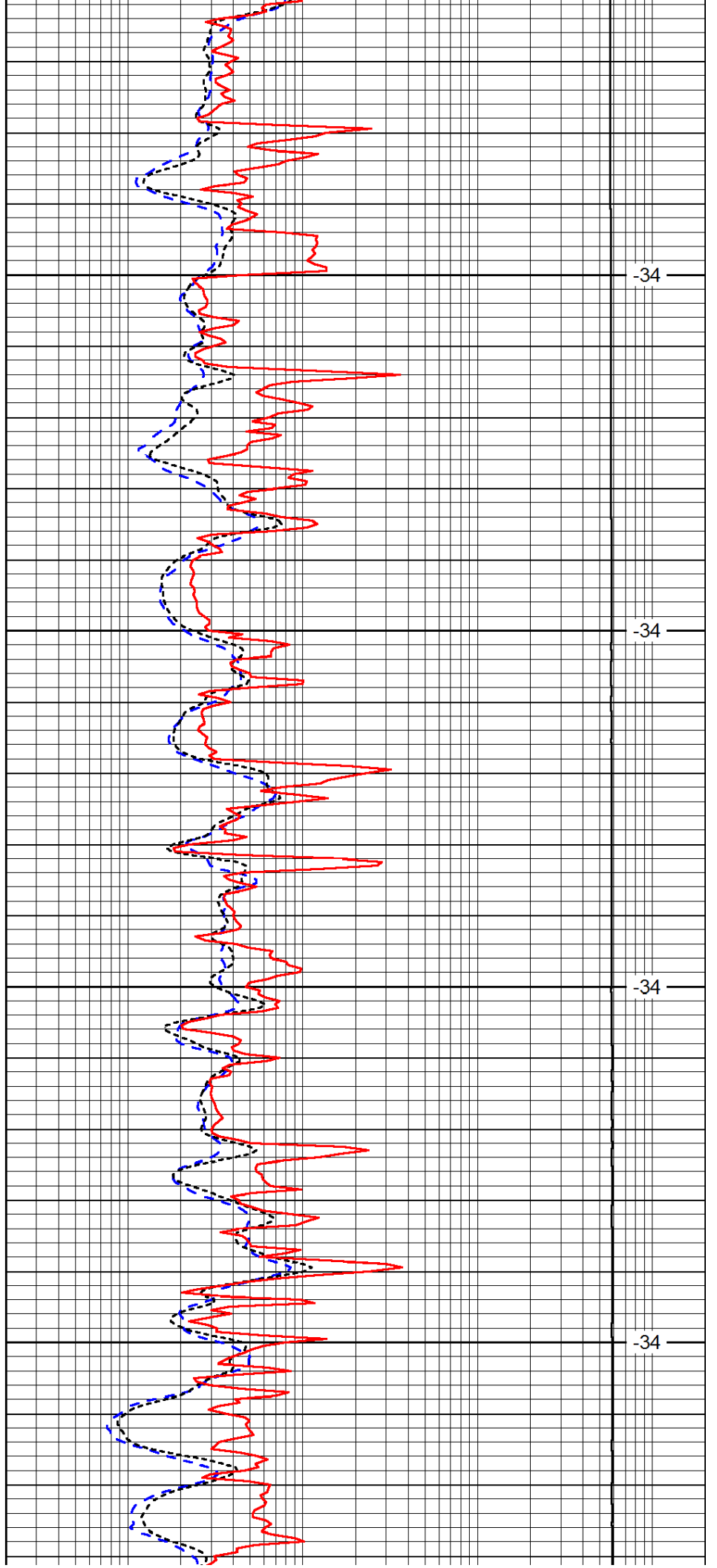


2200

2250

2300

2350

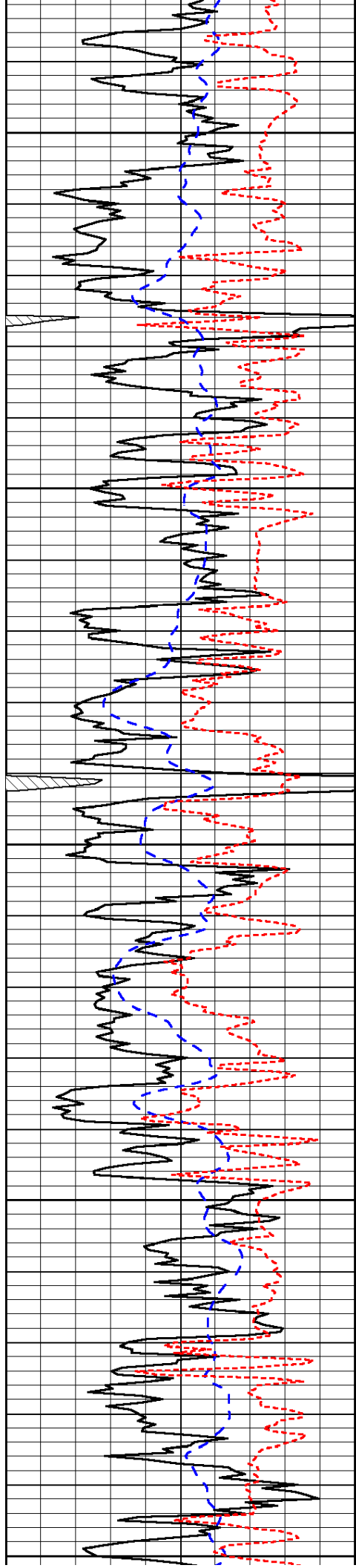


-34

-34

-34

-34



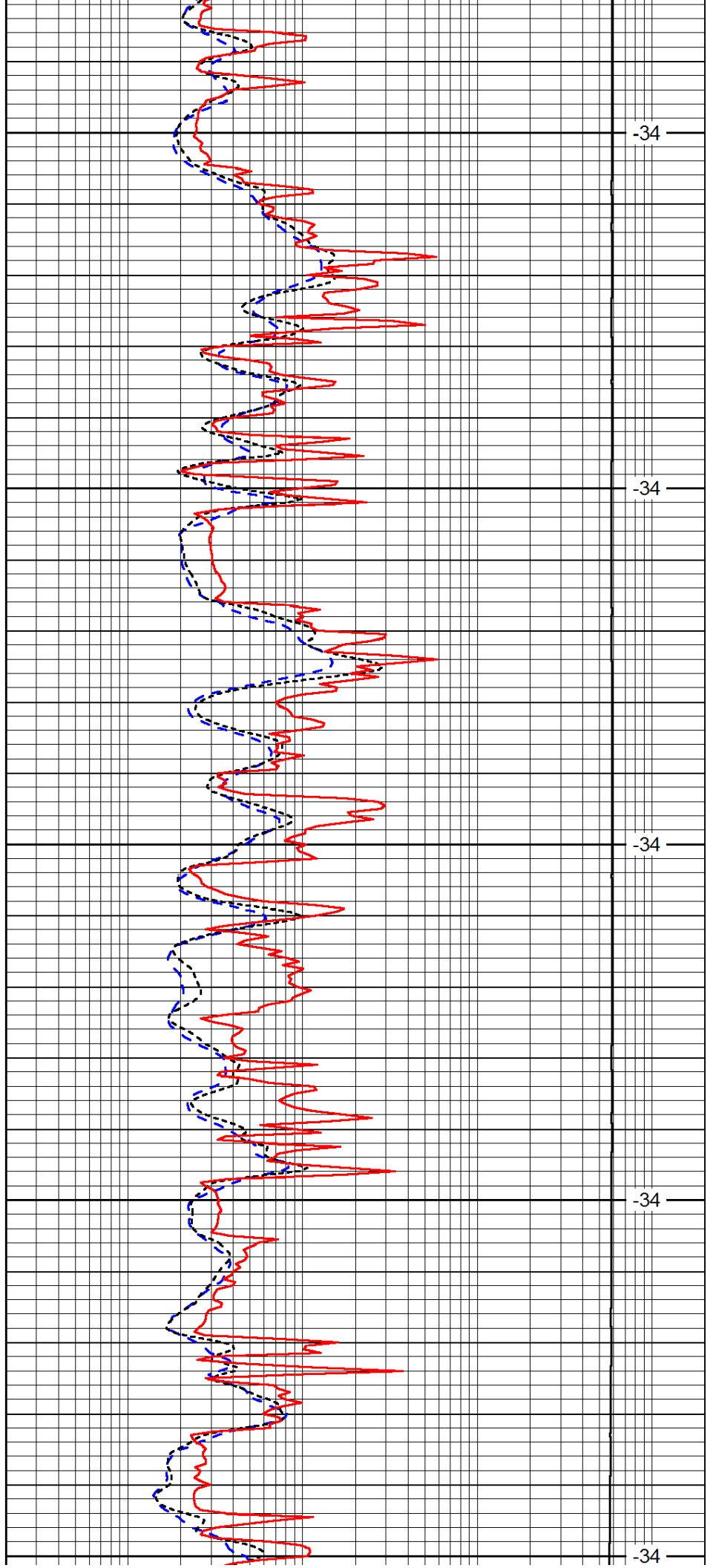
2400

2450

2500

2550

2600



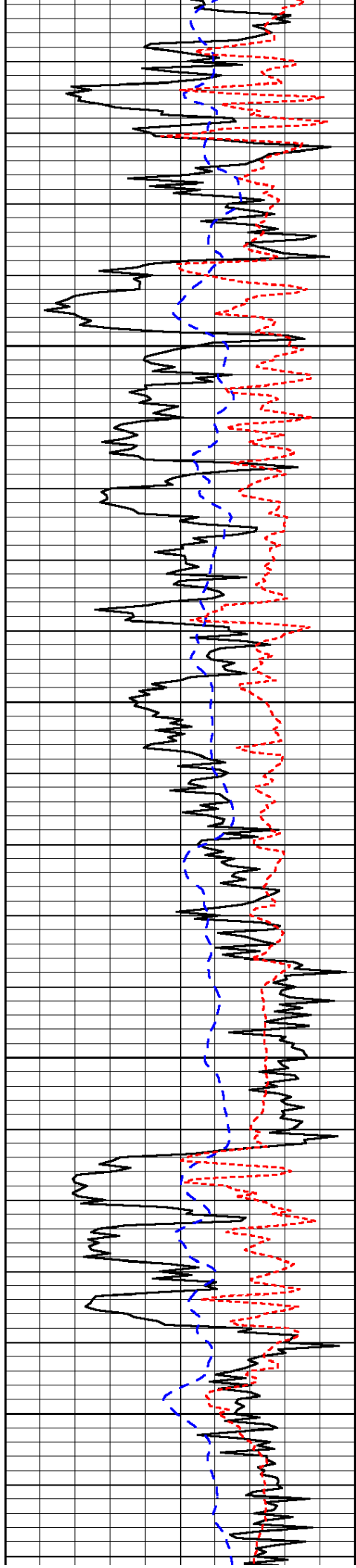
-34

-34

-34

-34

-34

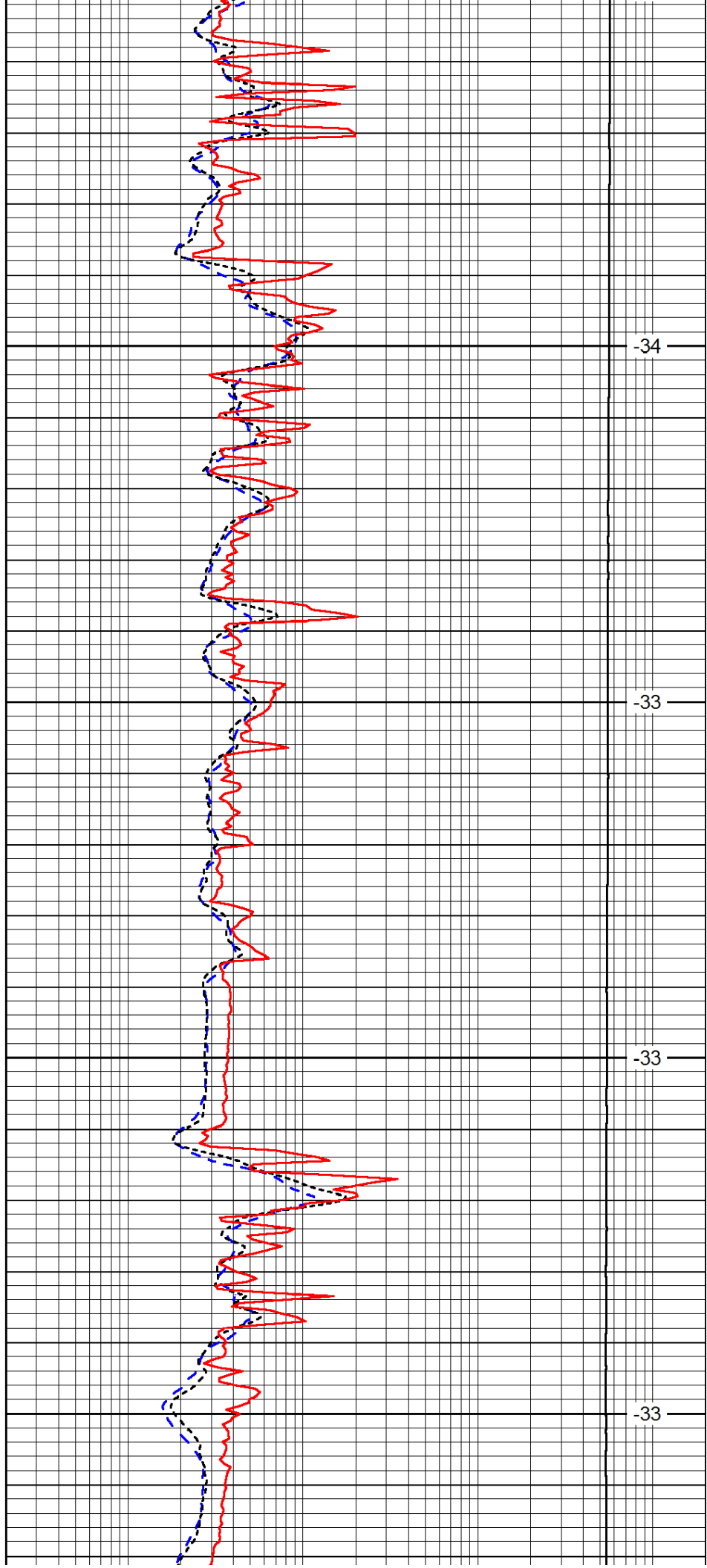


2650

2700

2750

2800

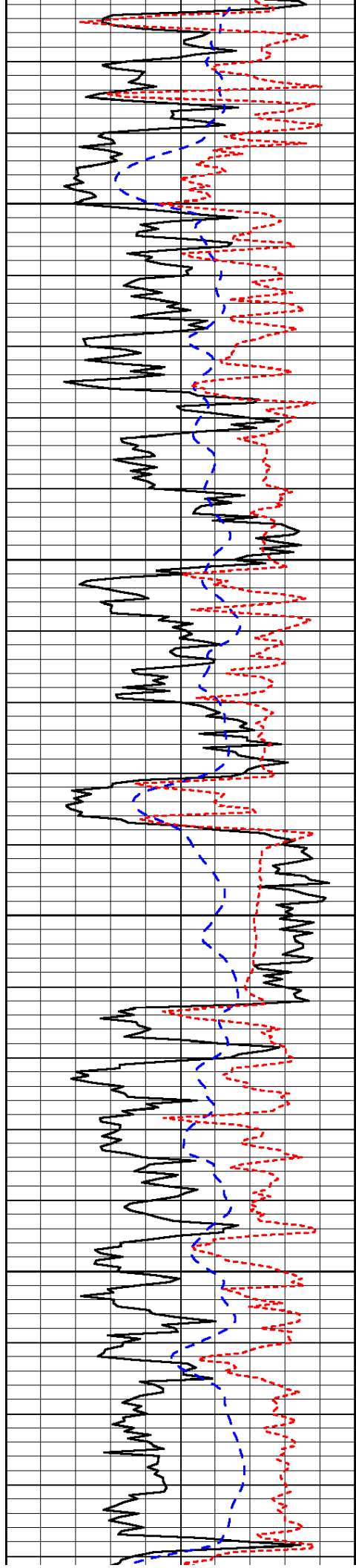


-34

-33

-33

-33

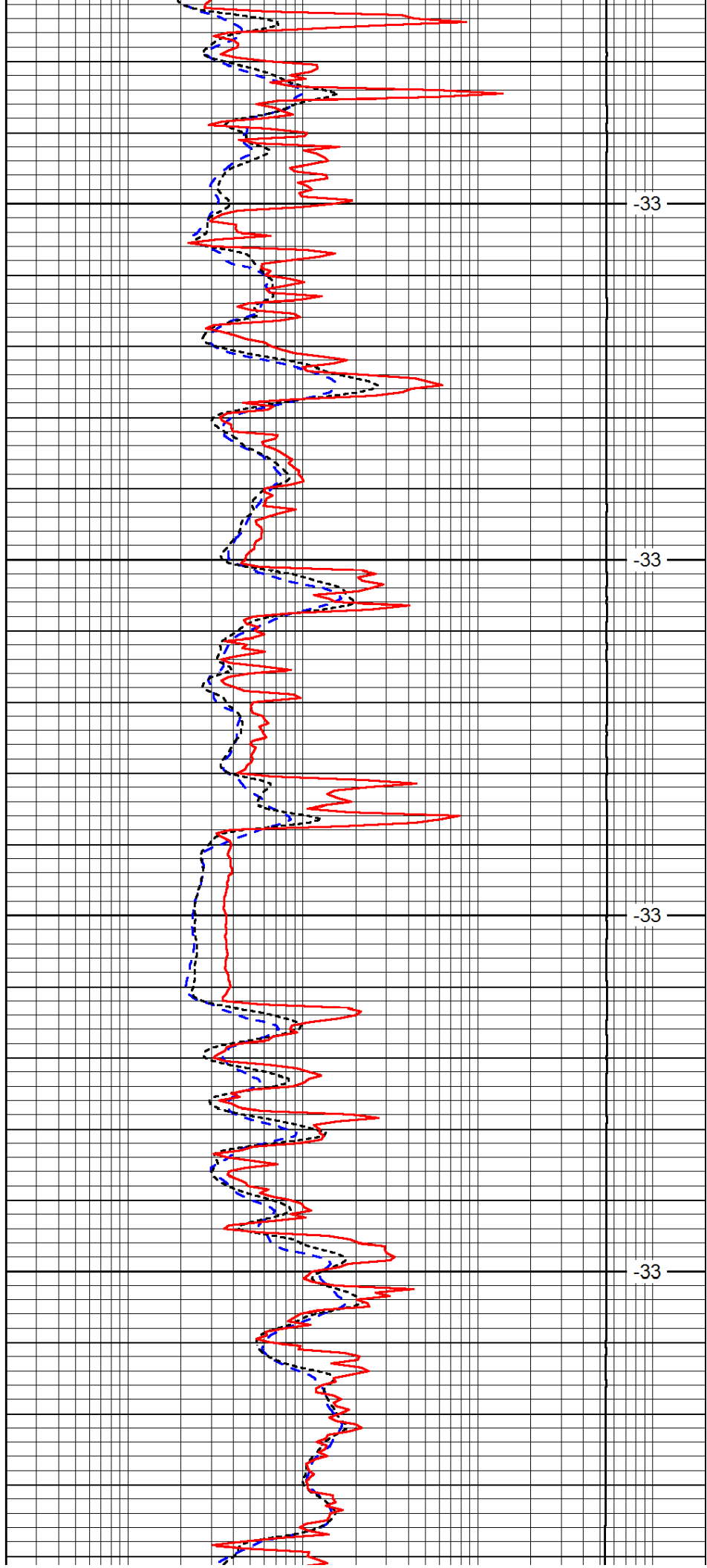


2850

2900

2950

3000

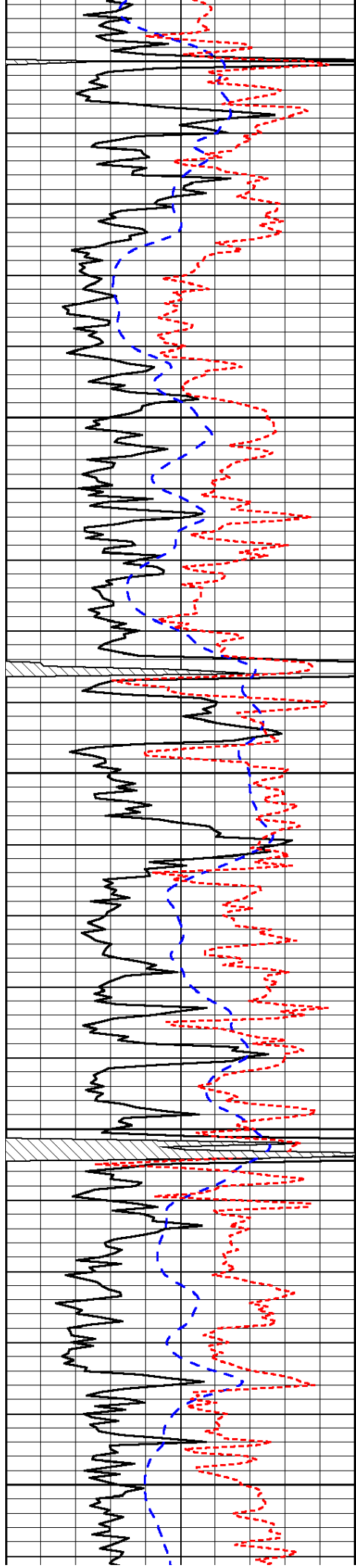


-33

-33

-33

-33



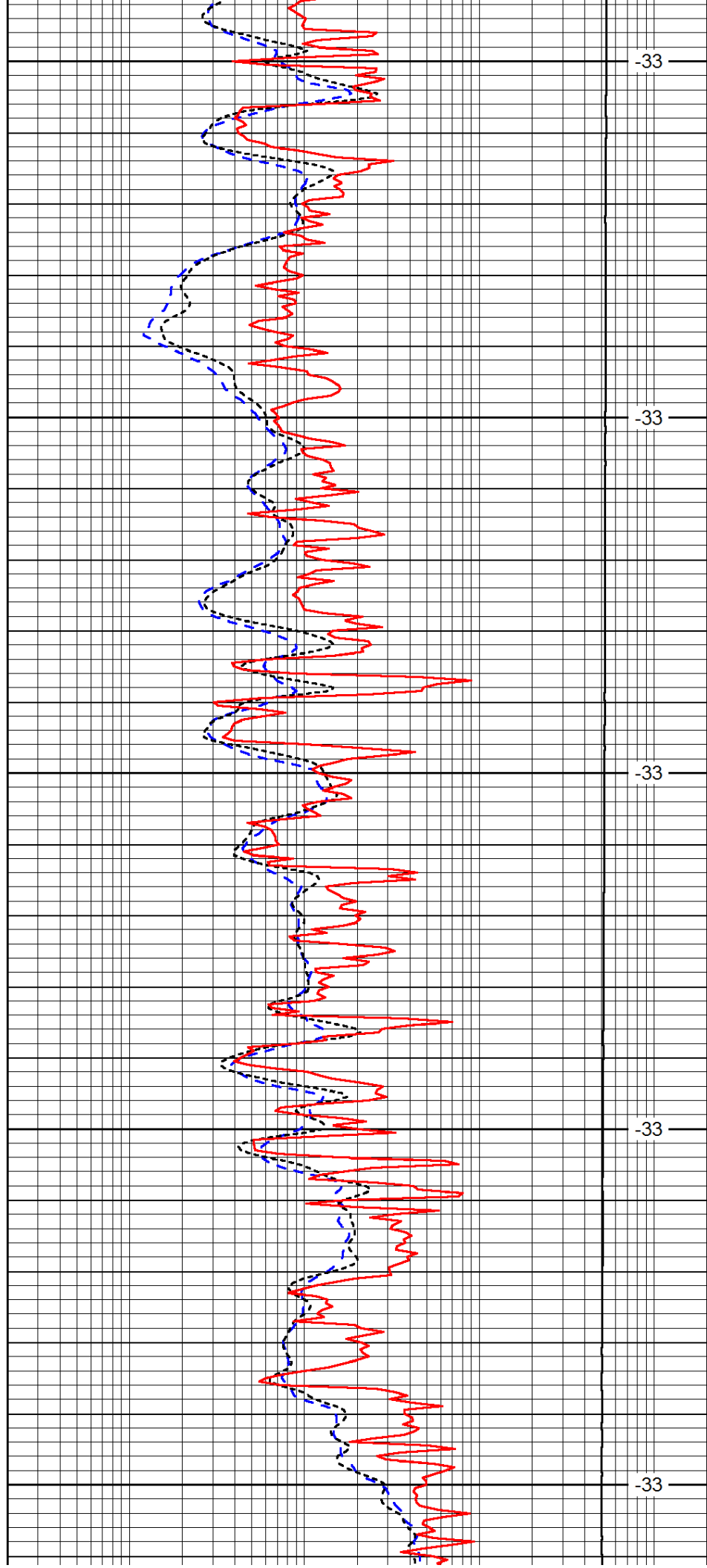
3050

3100

3150

3200

3250



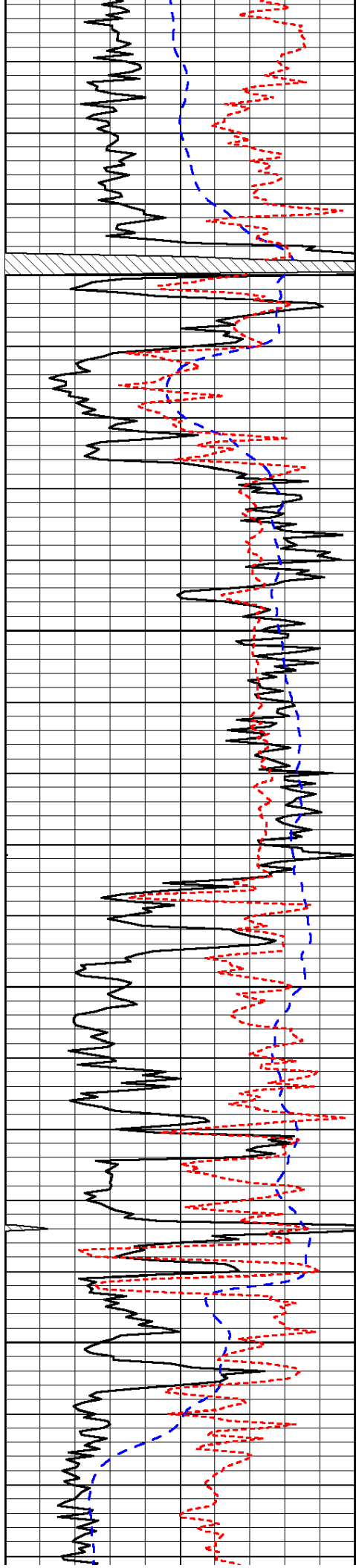
-33

-33

-33

-33

-33

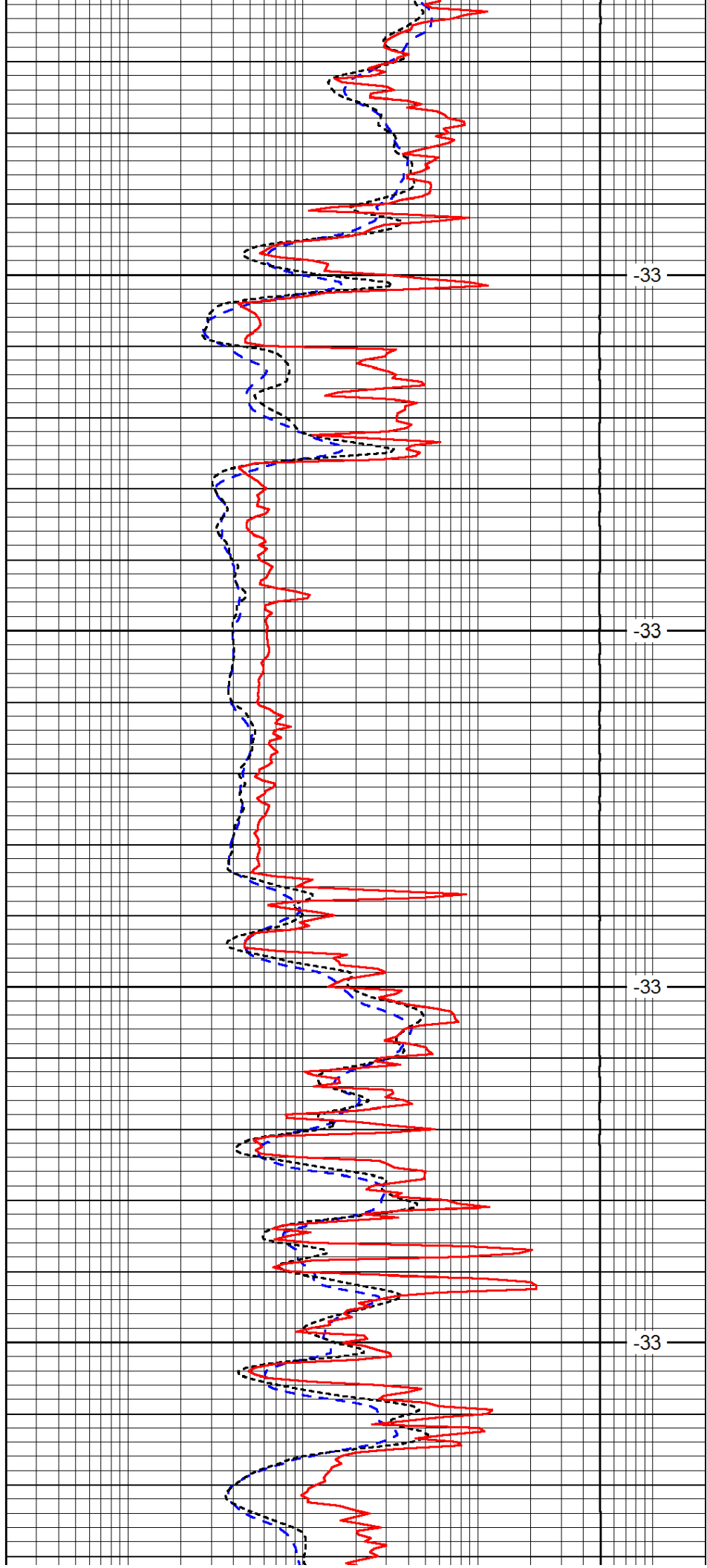


3300

3350

3400

3450

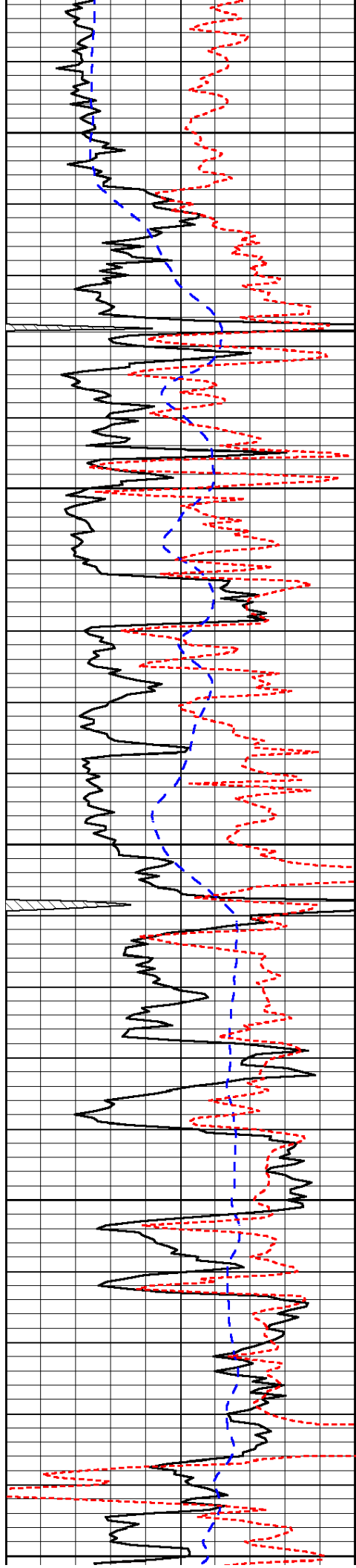


-33

-33

-33

-33



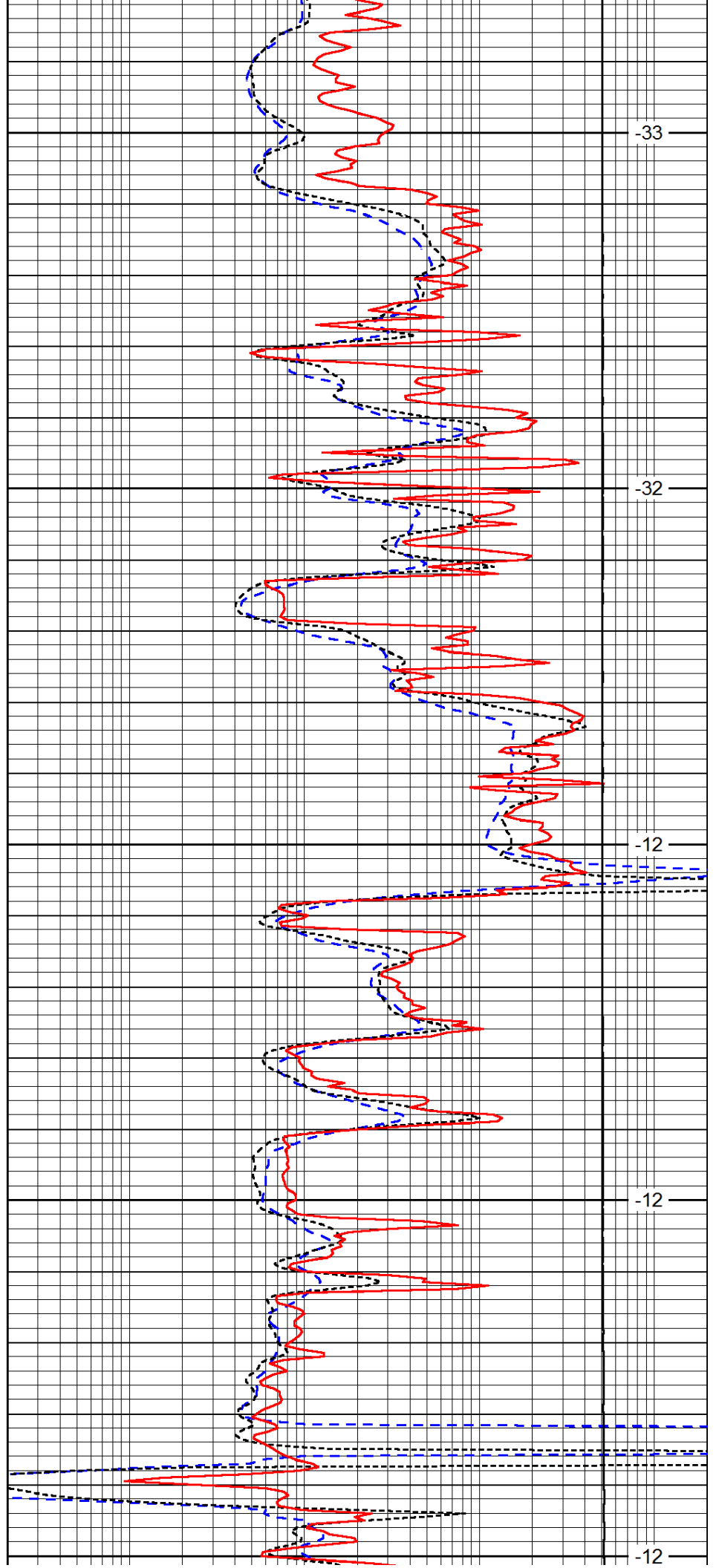
3500

3550

3600

3650

3700



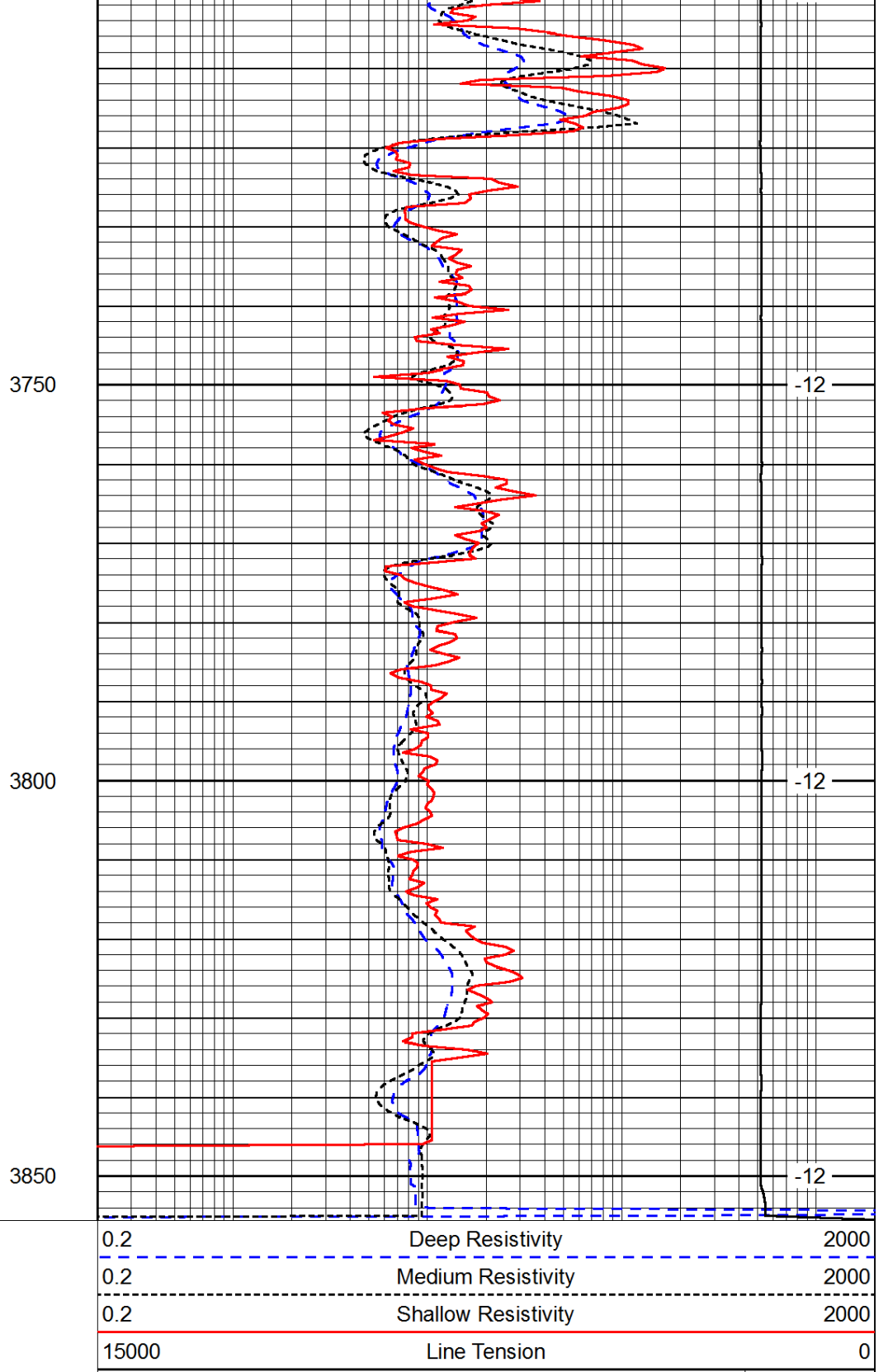
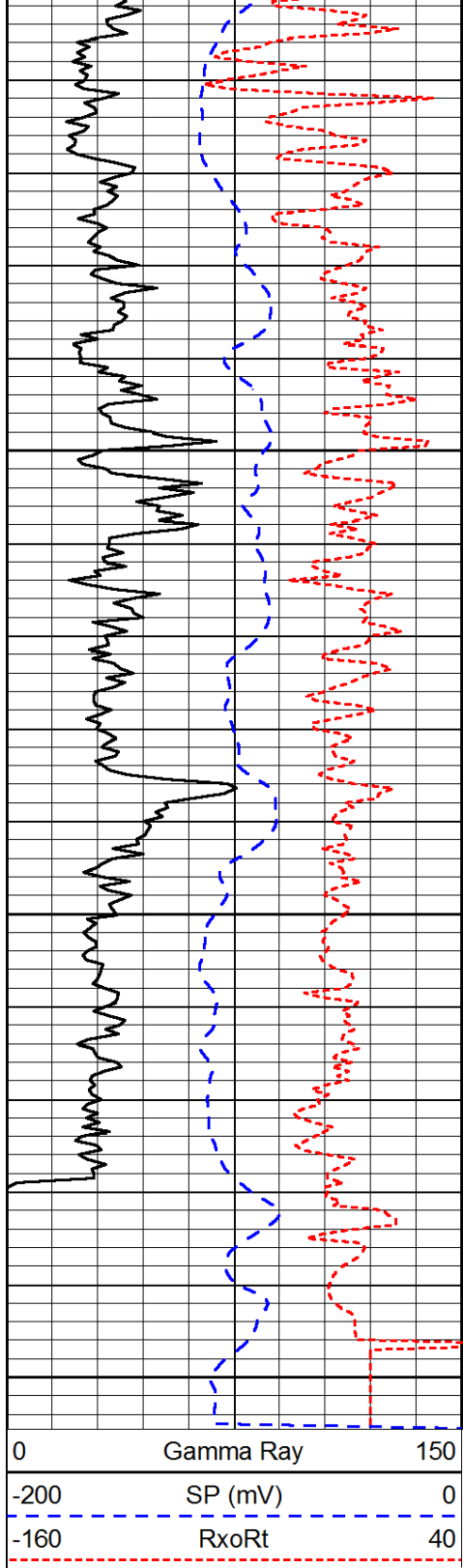
-33

-32

-12

-12

-12



LSPD