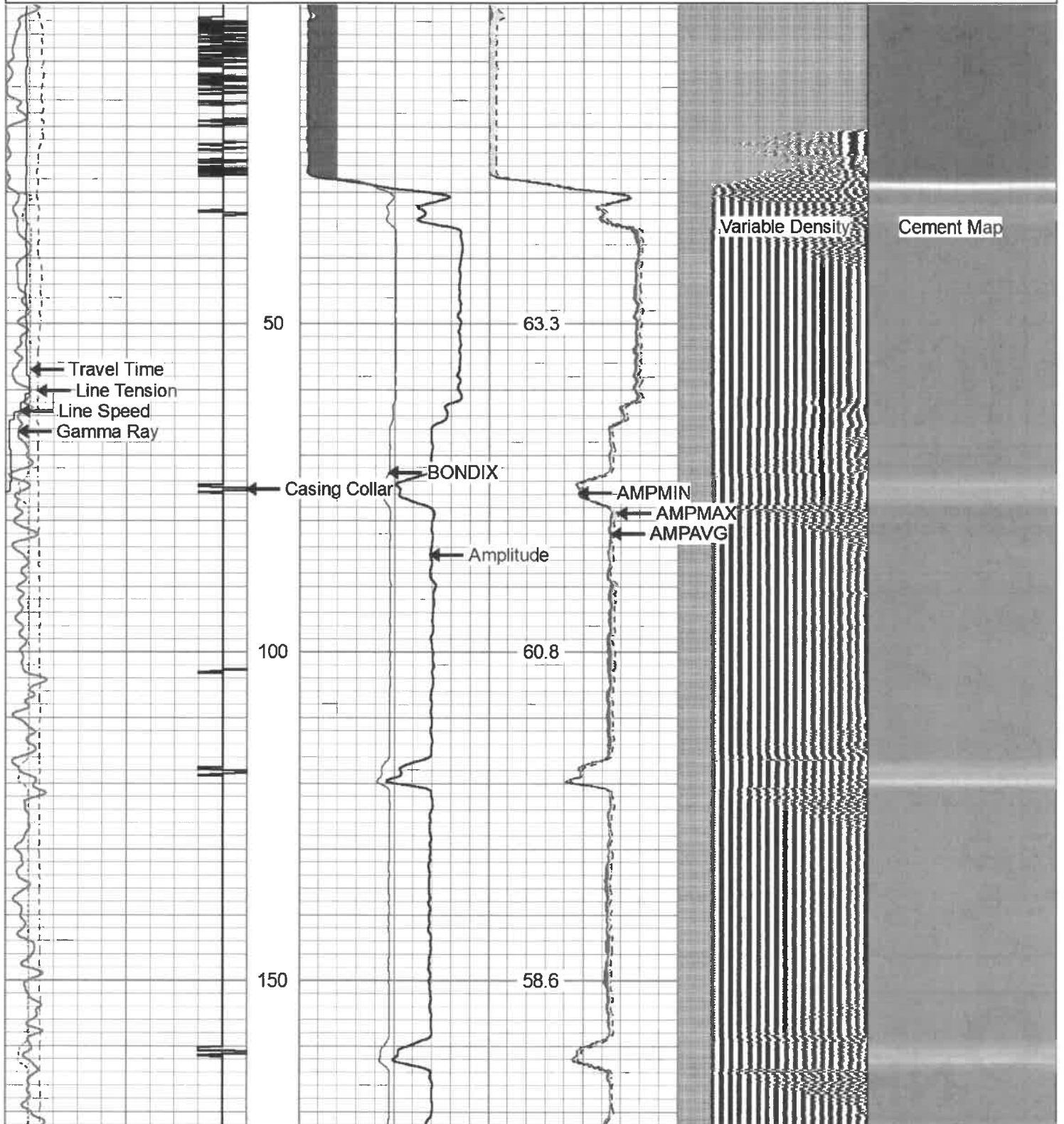
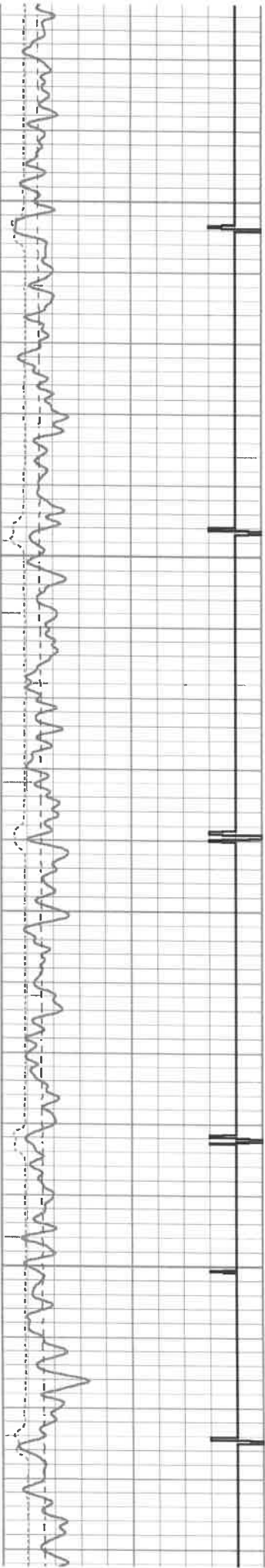


Database File antero_blizzard_whitmore_2h_rcbl_25_jul_2021.db
 Dataset Pathname rabbit_ears/whitmore_2h/run1/pass4
 Presentation Format rcbl-bond index for antero 1020
 Dataset Creation Sun Jul 25 19:02:51 2021
 Charted by Depth in Feet scaled 1:240

270	Travel Time (usec)	160	0	Amplitude (mV)	100	0	AMPMIN	150	Variable Density	1	Cement Map	8
9	Casing Collar	-1	1	BONDIX	0	0	AMPMAX	150	200 (usec)	1200		
0	Gamma Ray (GAPI)	150				0	AMPAVG	150				
	Line Speed						TEMP					
-100	(ft/min)	100					(degF)					
0	Line Tension (lb)	2000										





200

250

300

350

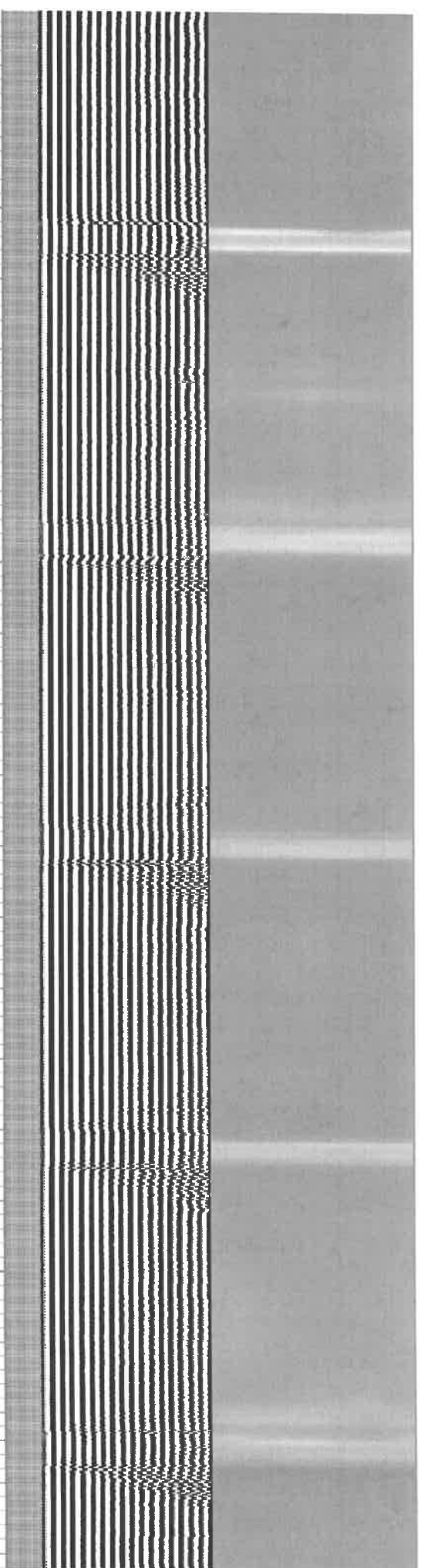


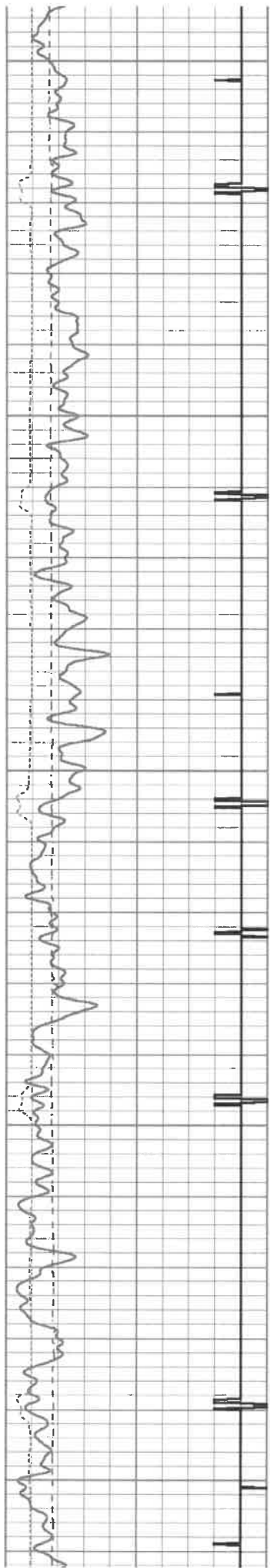
57.9

58.3

58.5

58.7





400

58.7

450

59.3

500

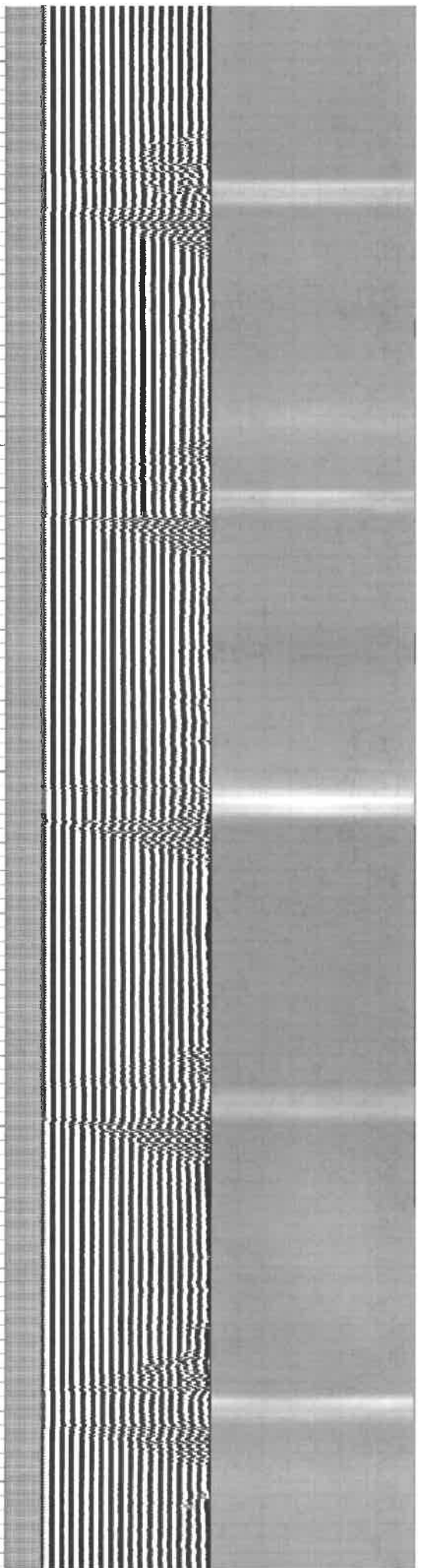
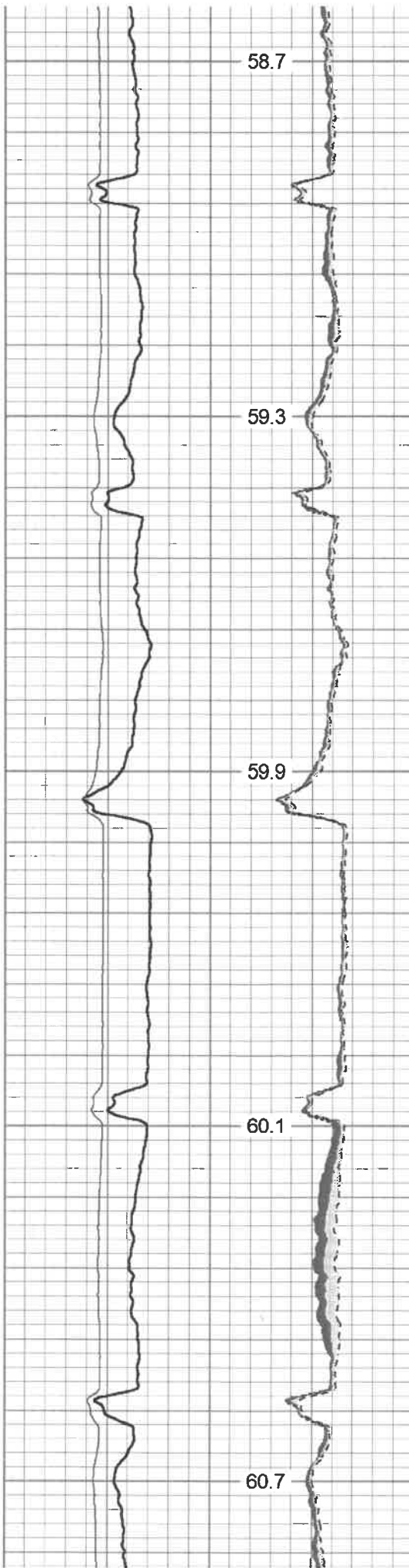
59.9

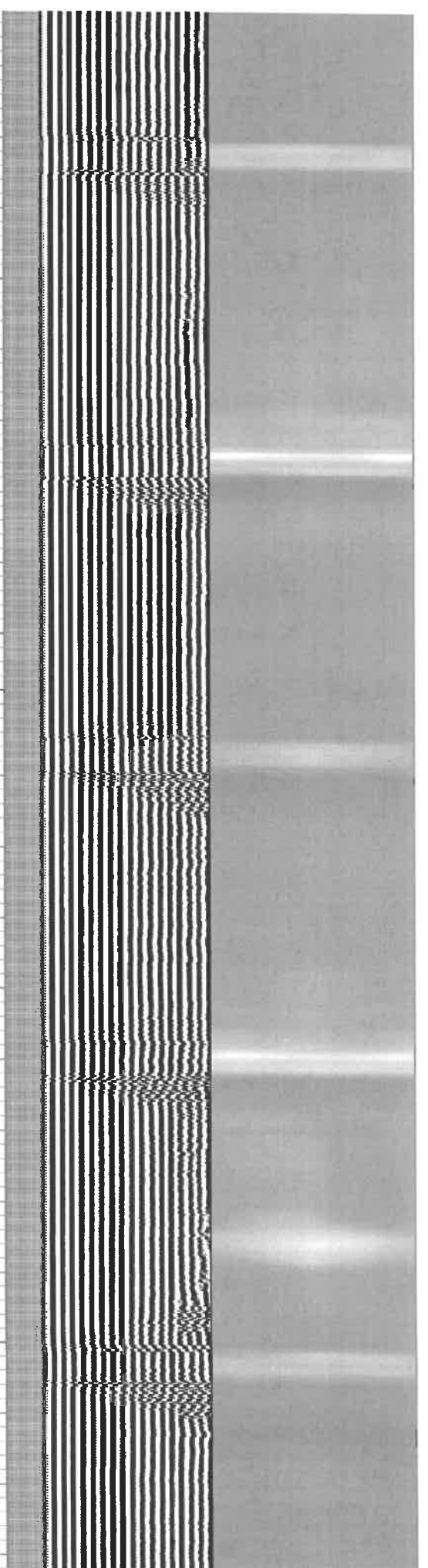
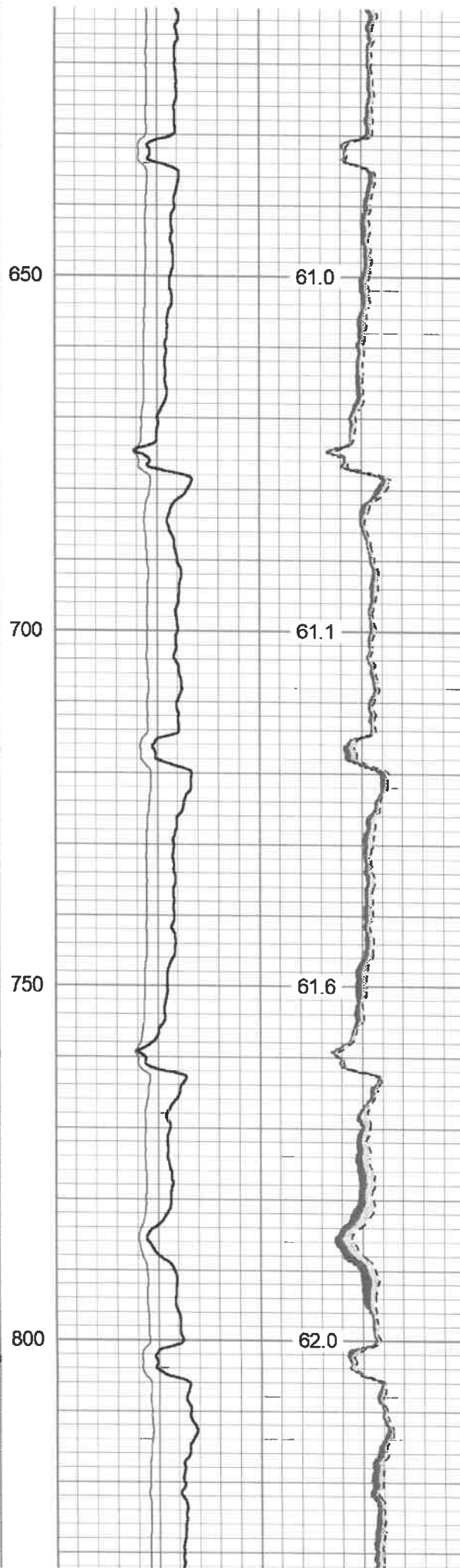
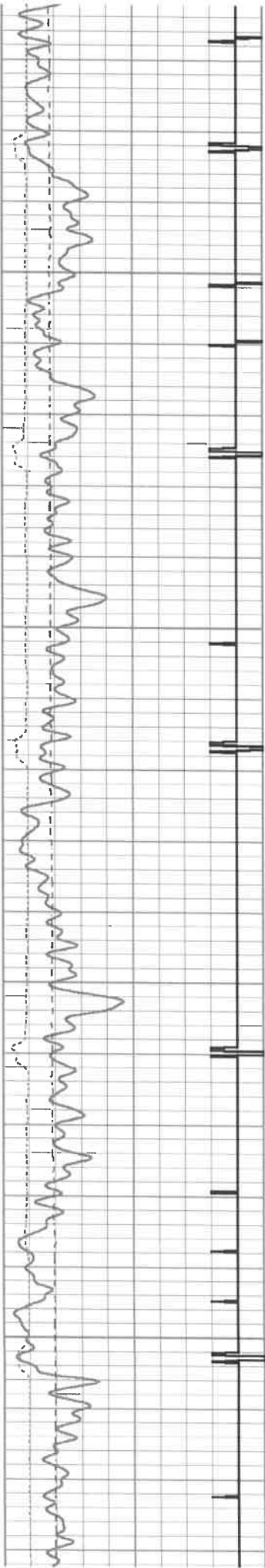
550

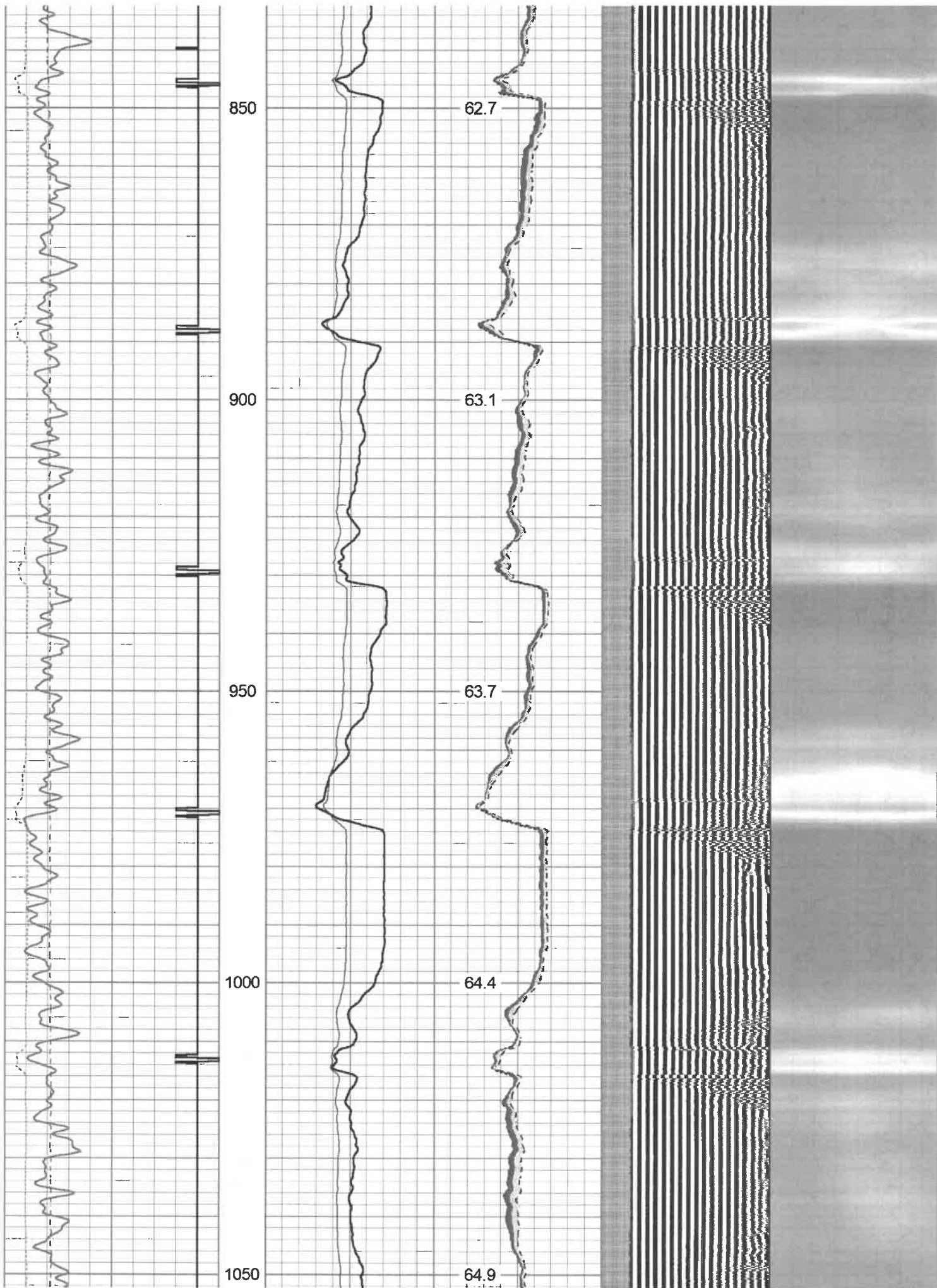
60.1

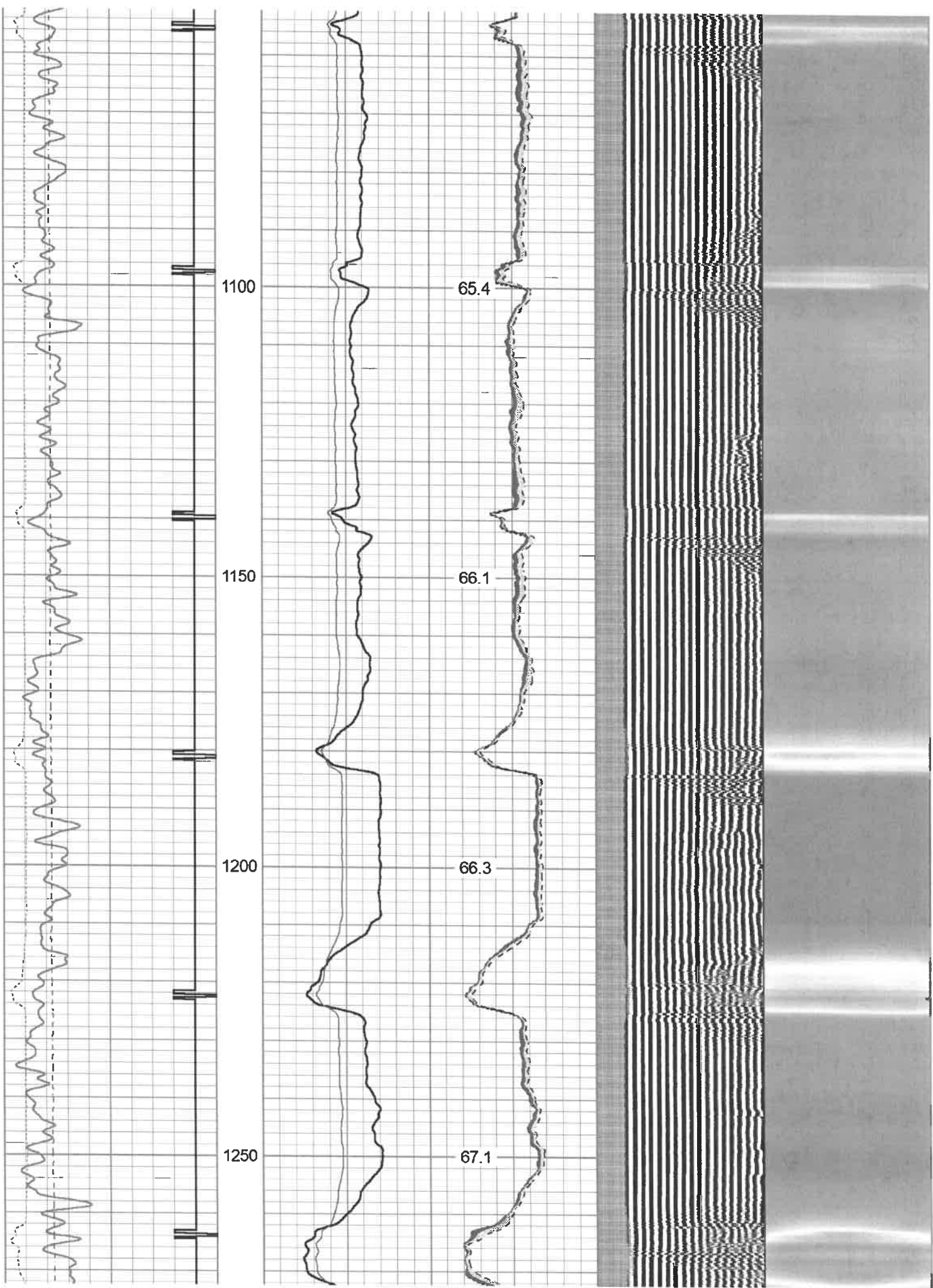
600

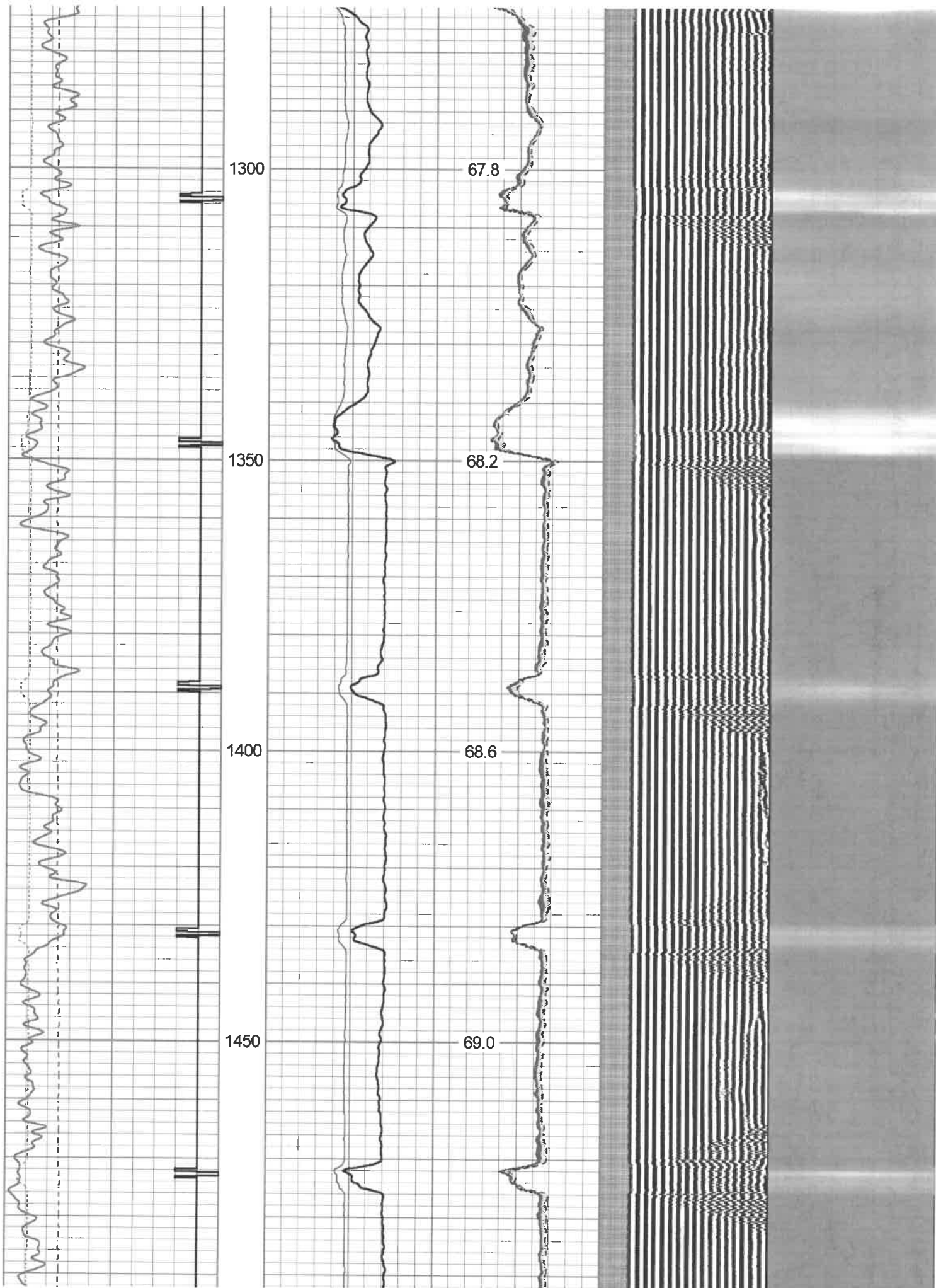
60.7

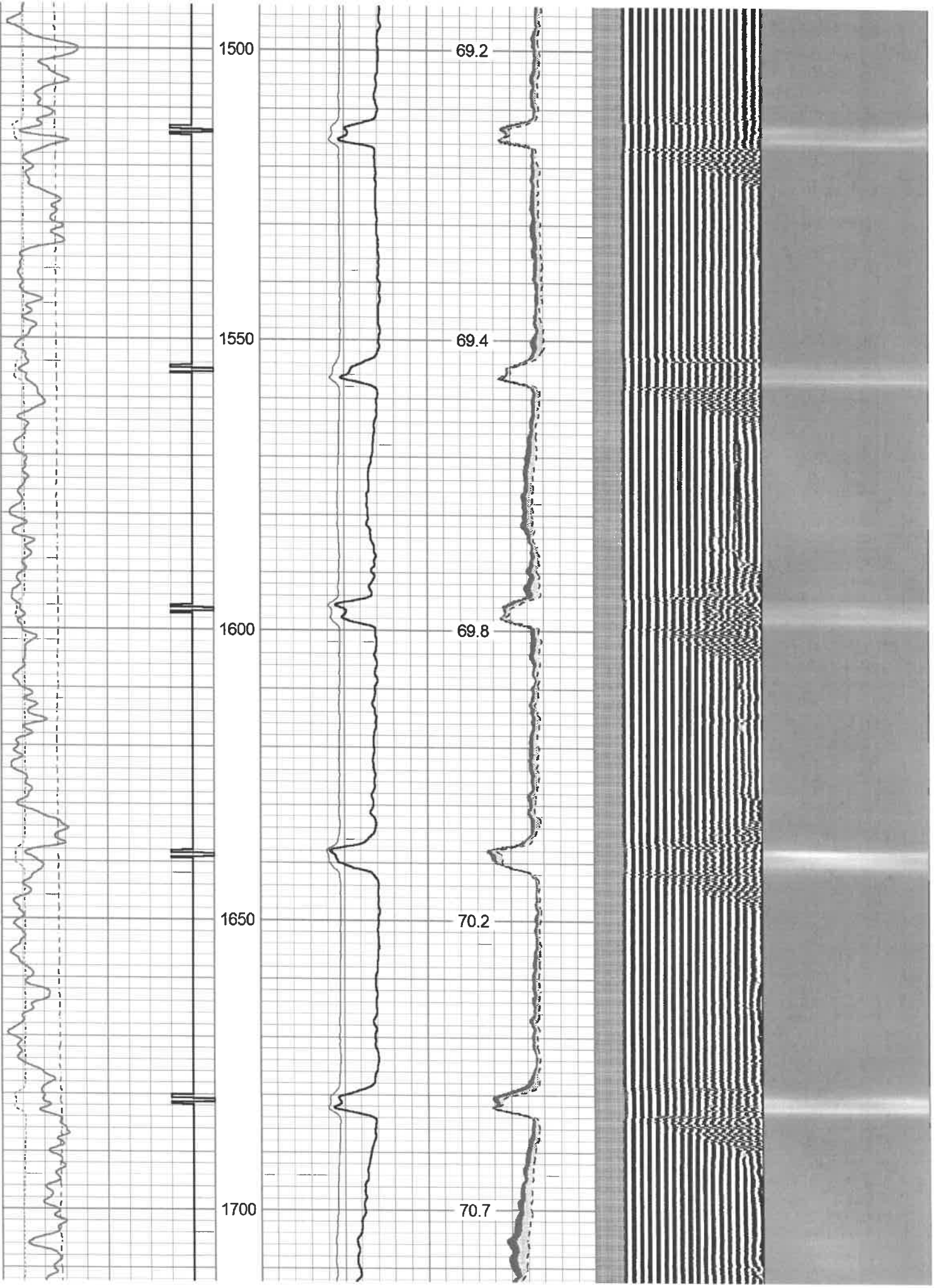


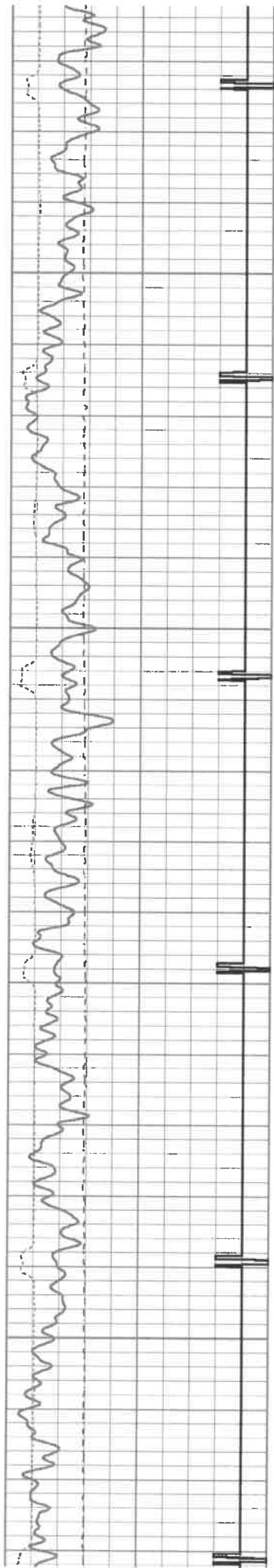










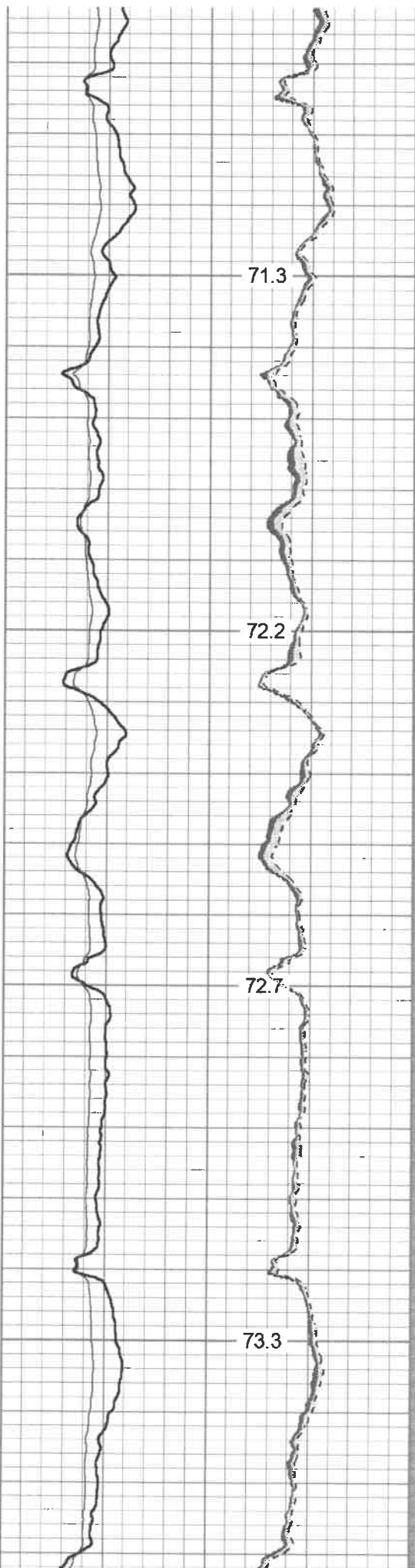


1750

1800

1850

1900

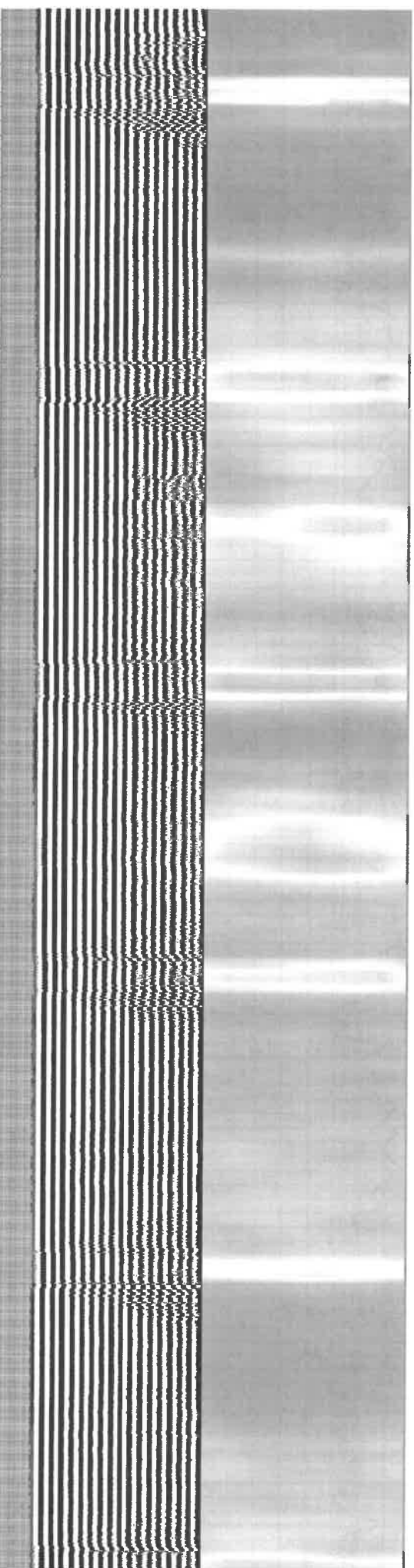


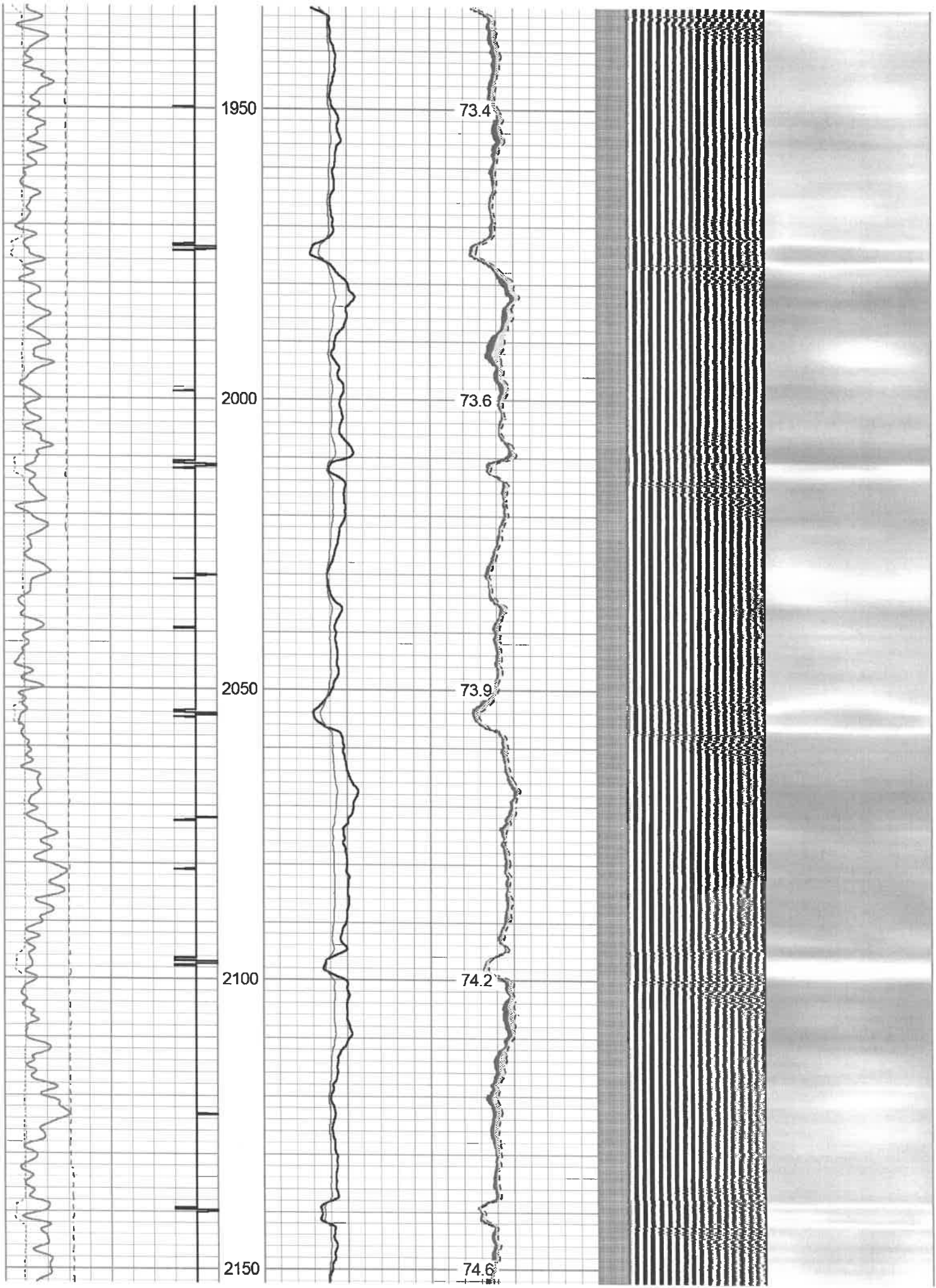
71.3

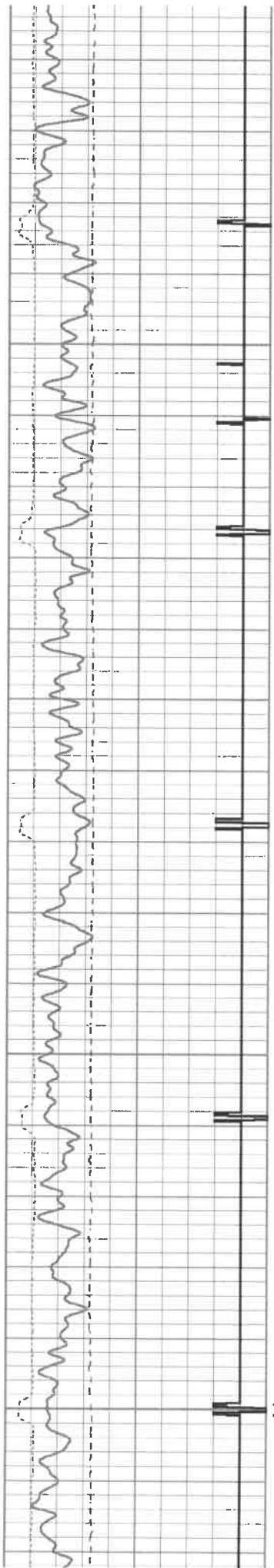
72.2

72.7

73.3







2200

2250

2300

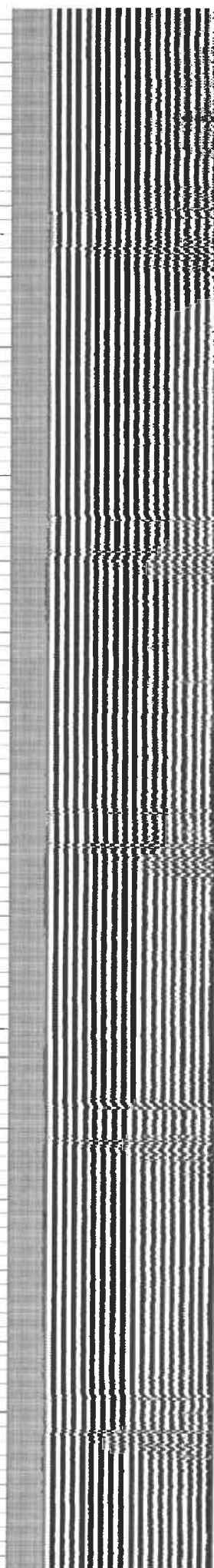
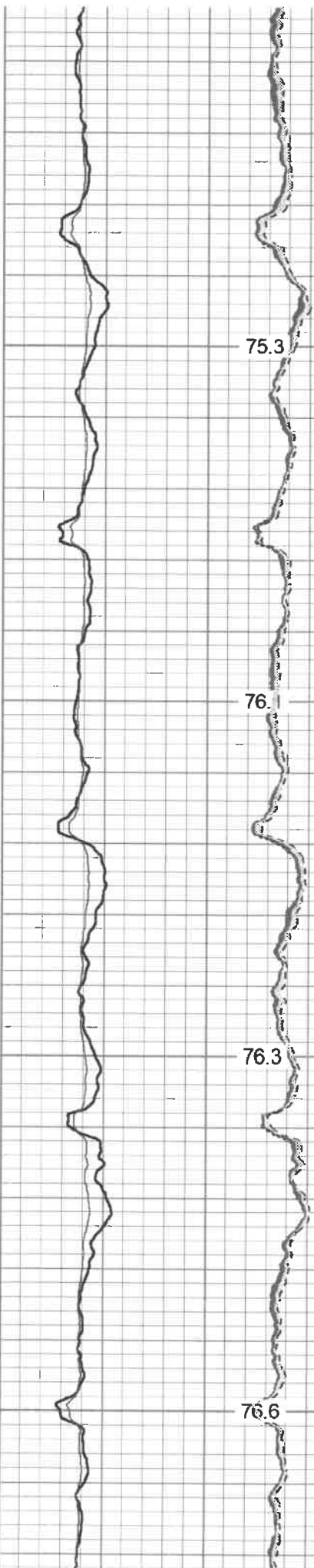
2350

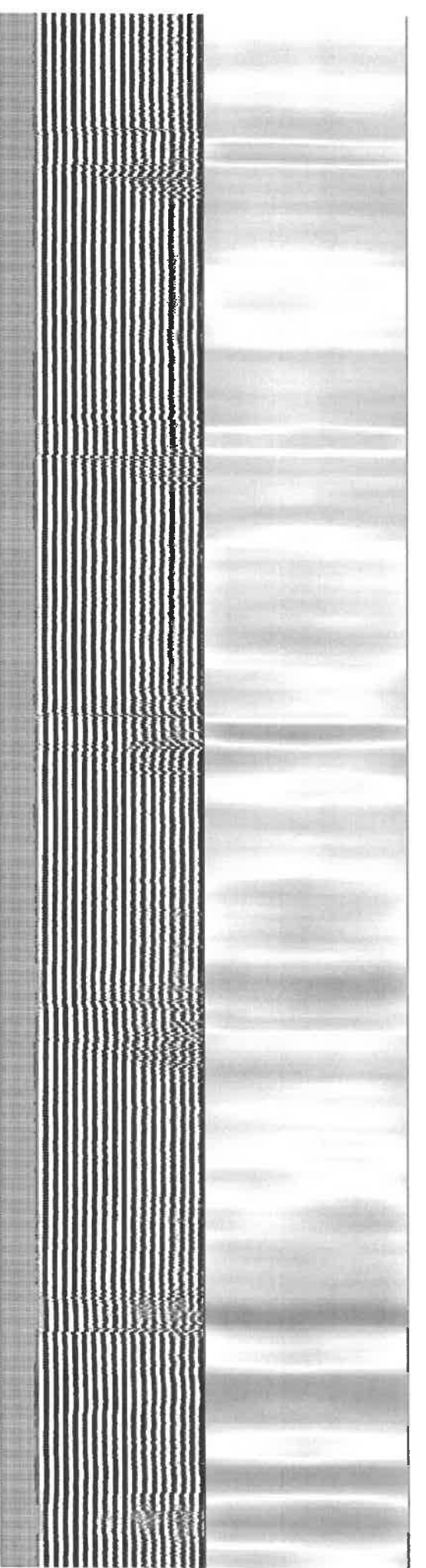
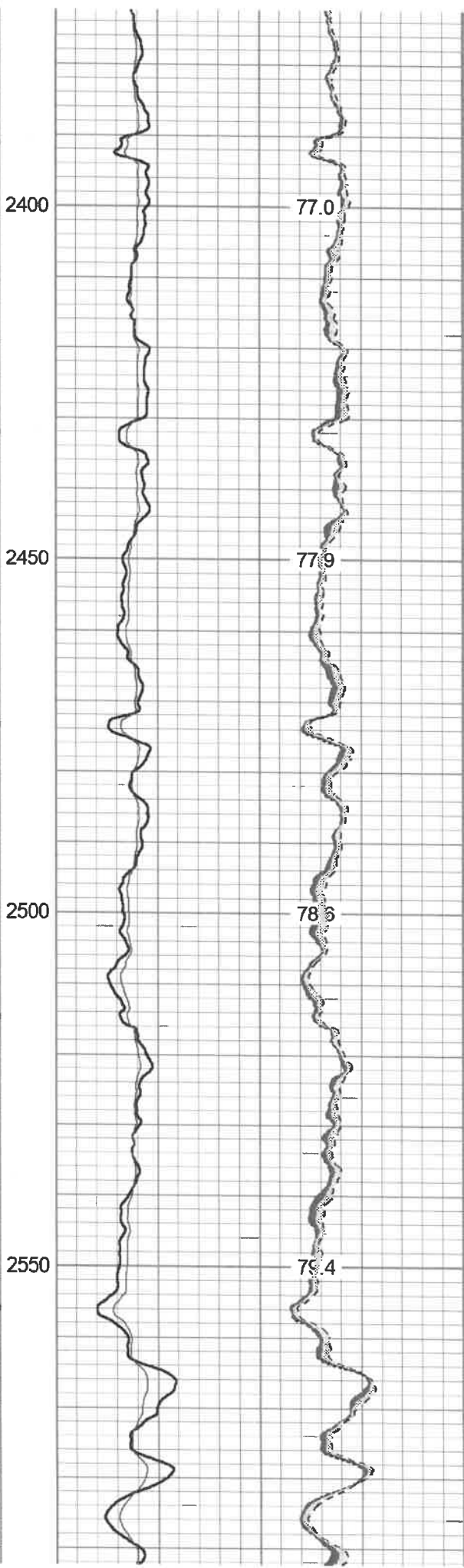
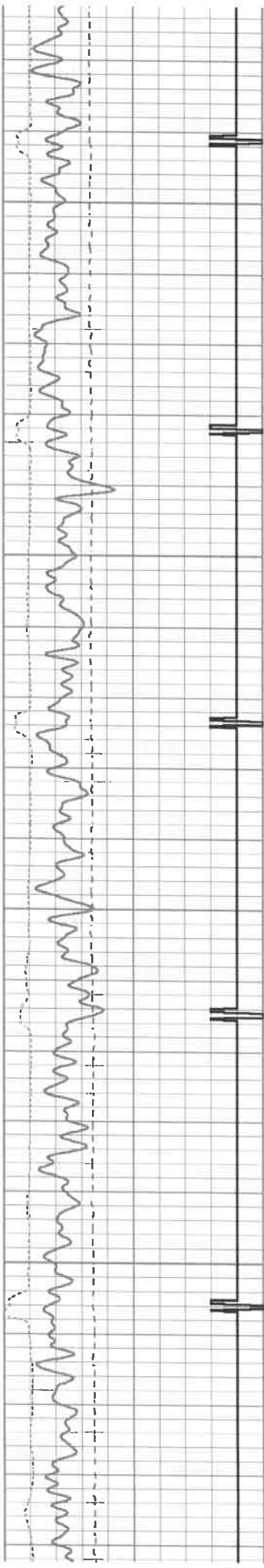
75.3

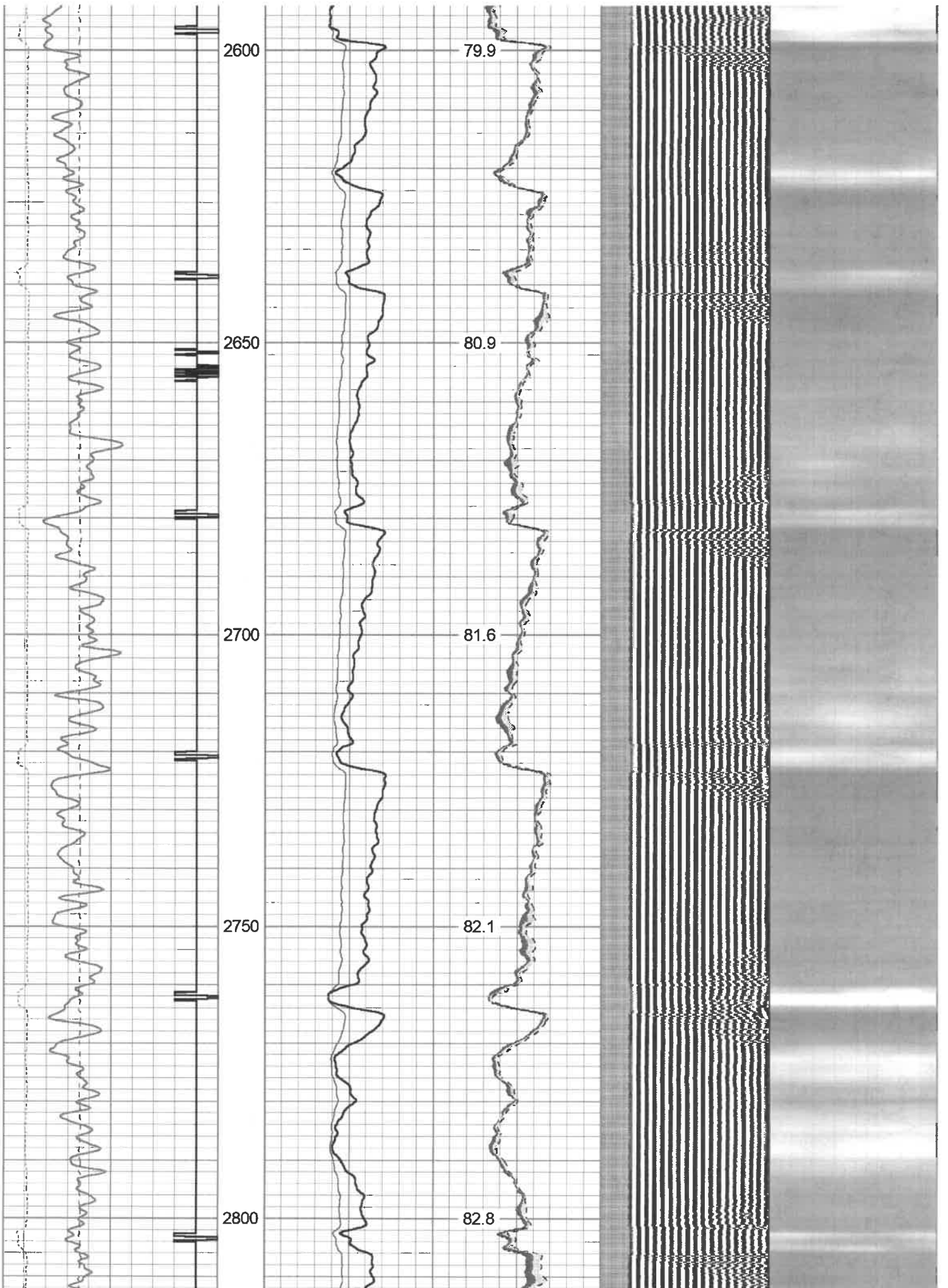
76

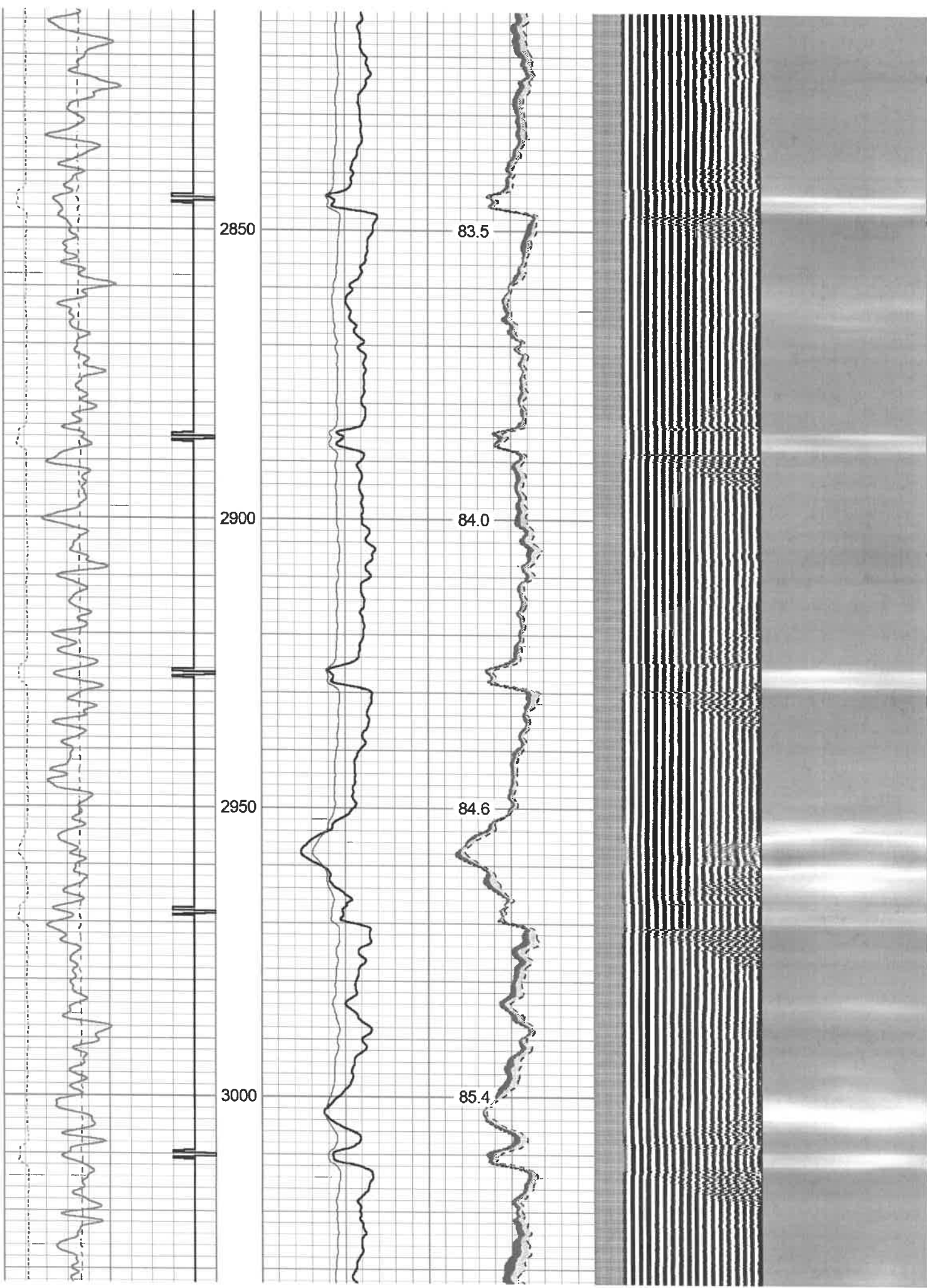
76.3

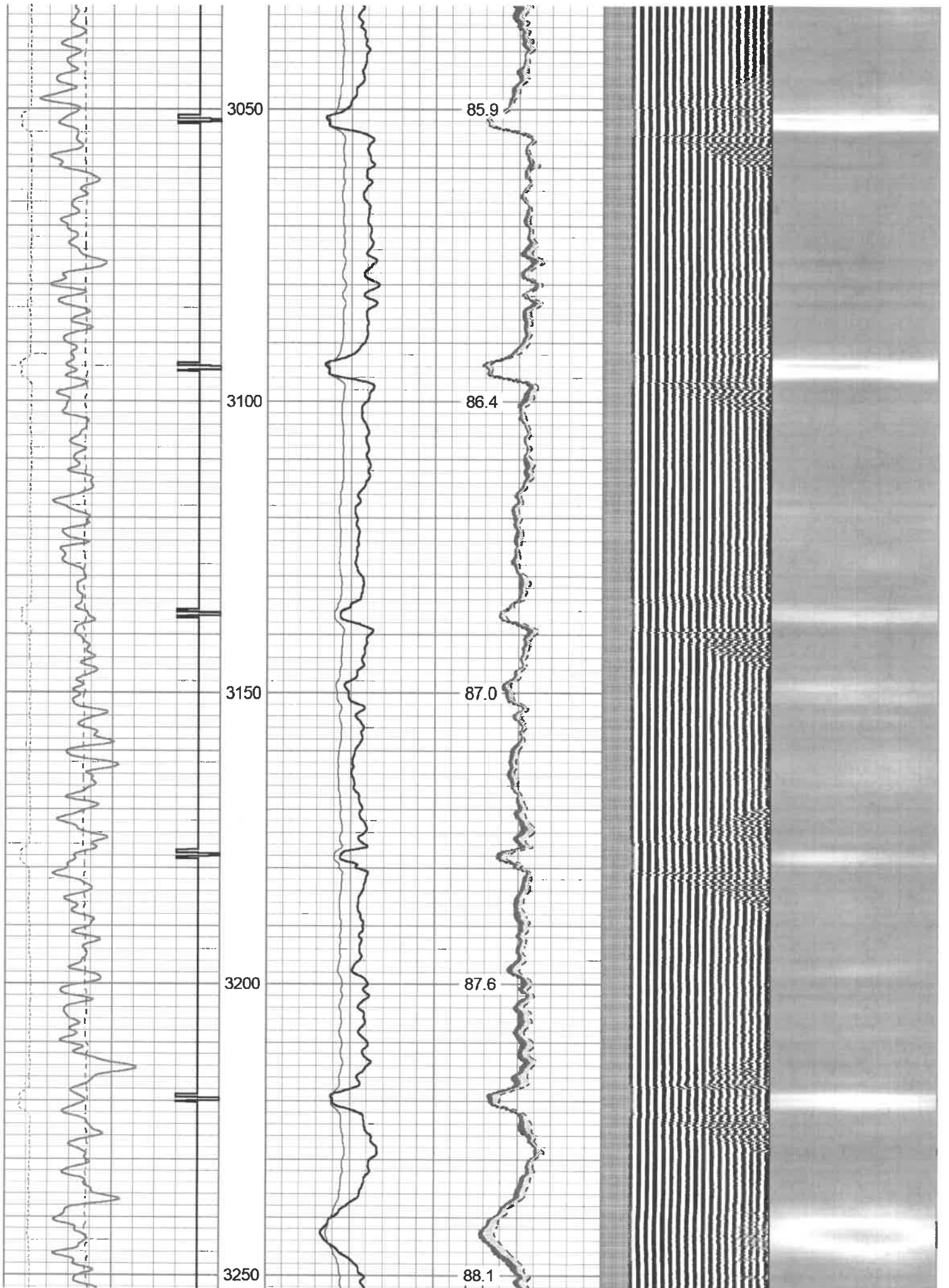
76.6

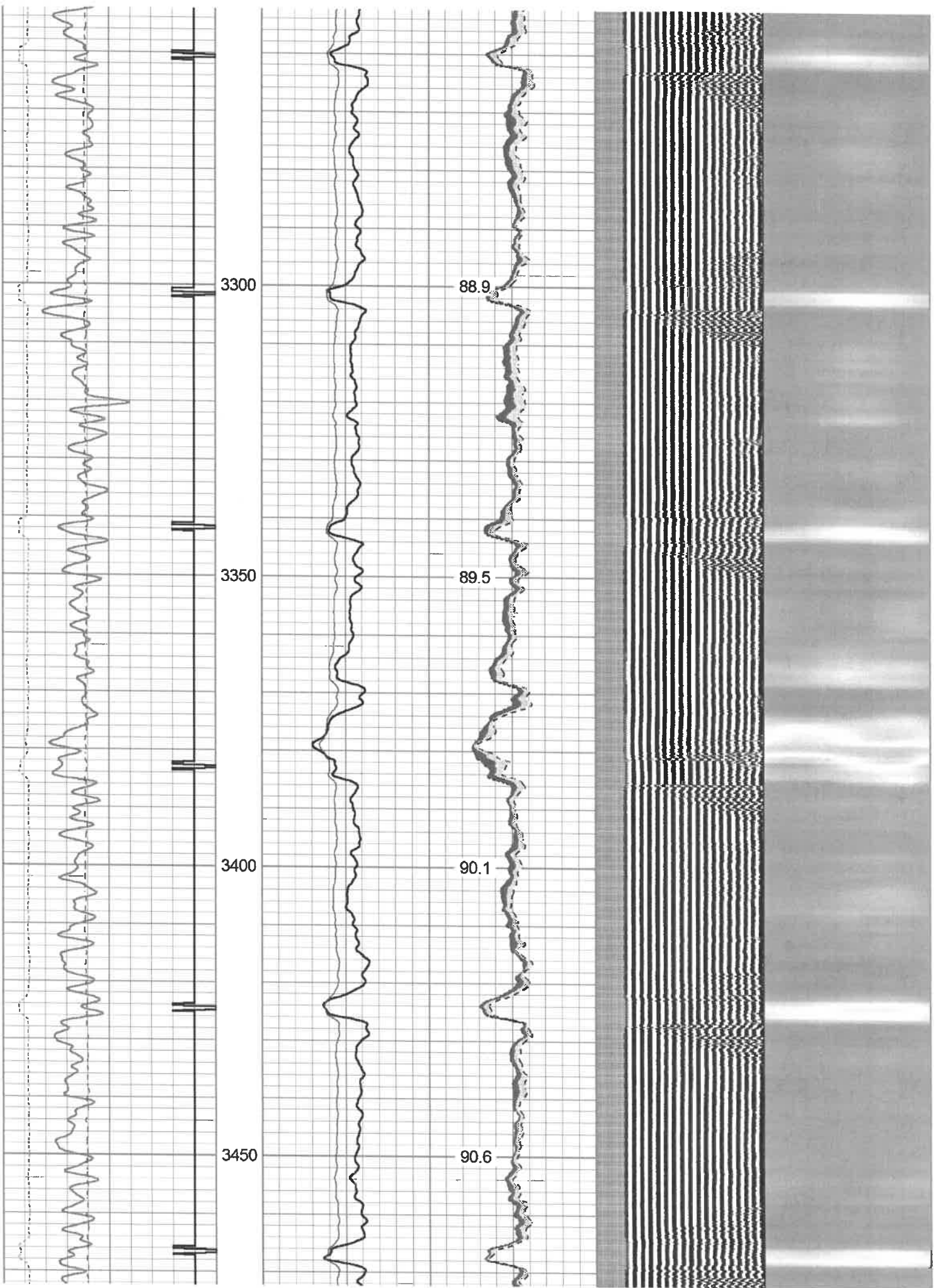


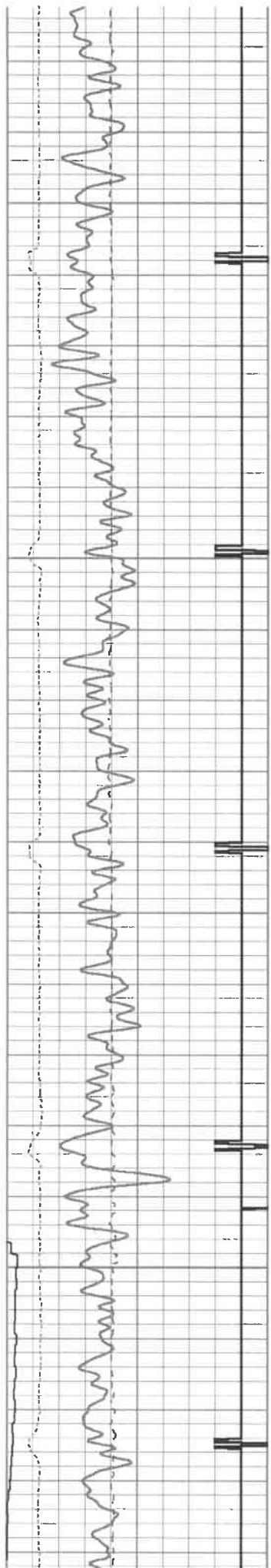










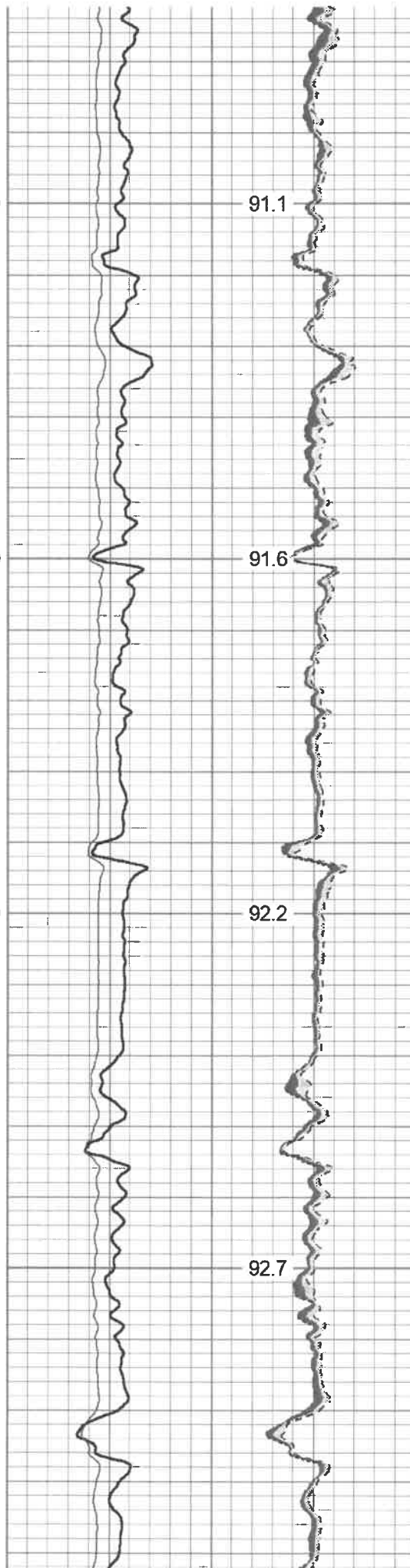


3500

3550

3600

3650

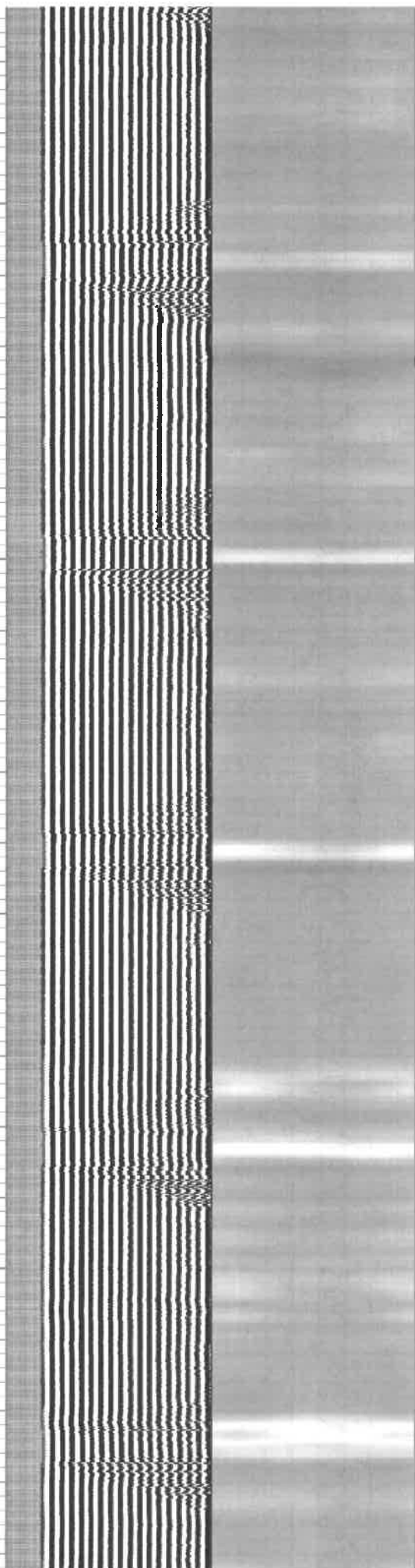


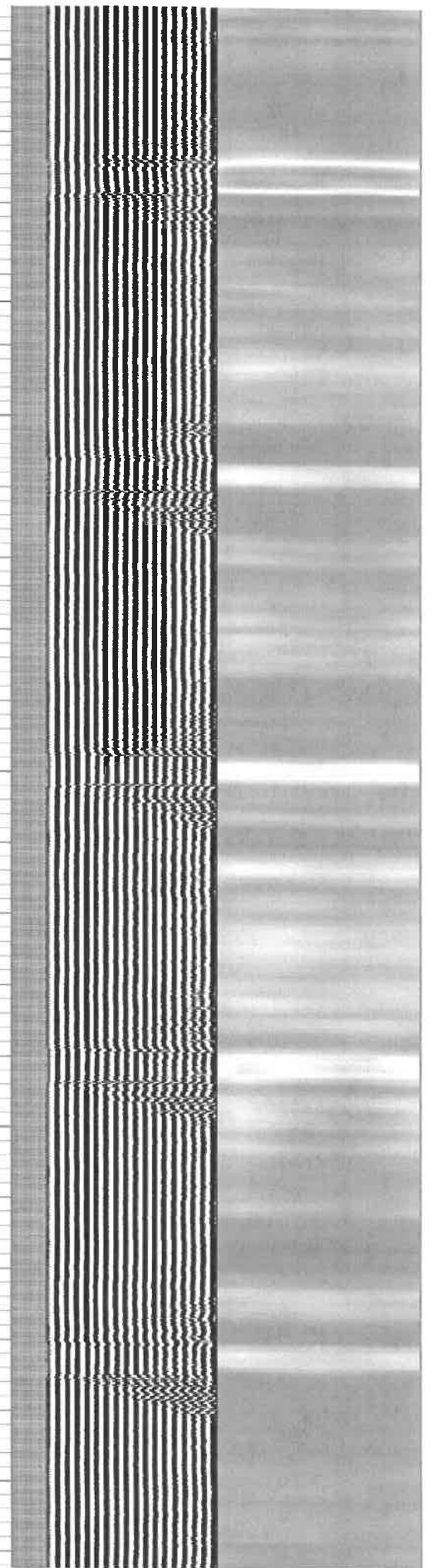
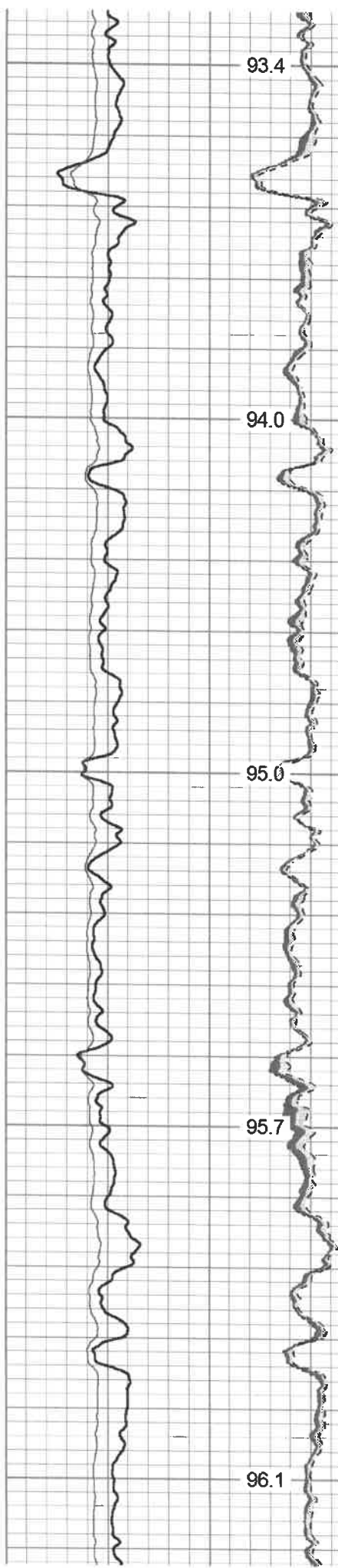
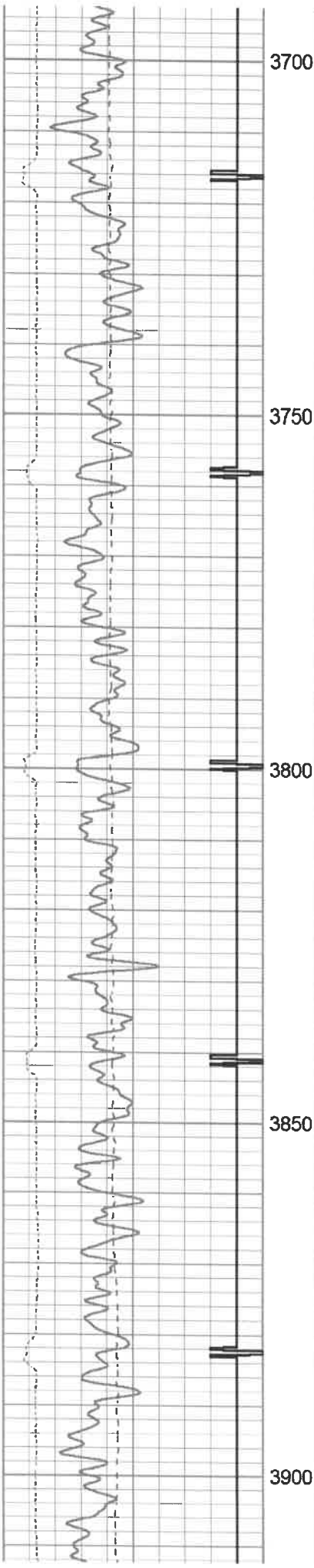
91.1

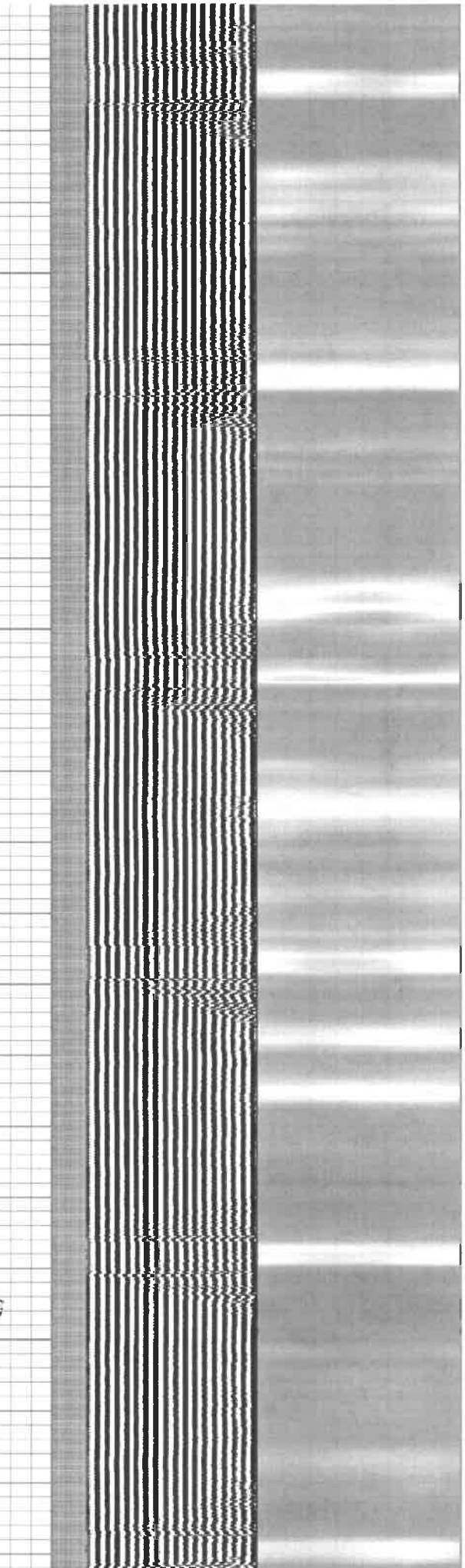
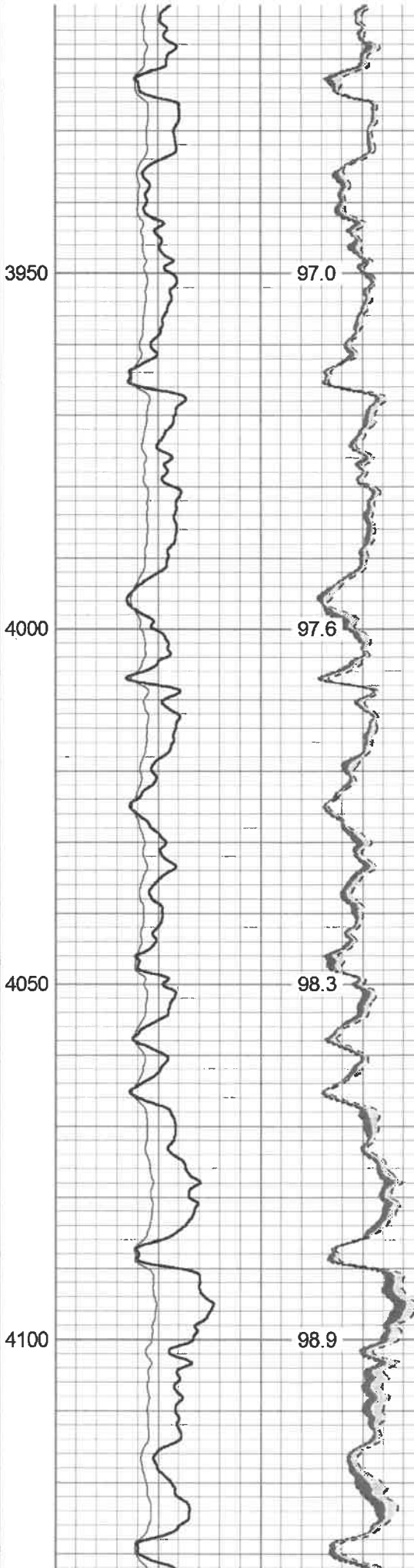
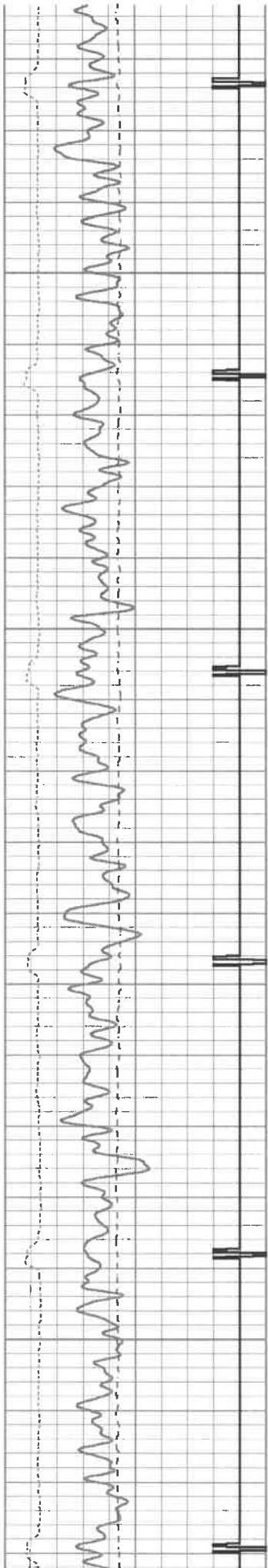
91.6

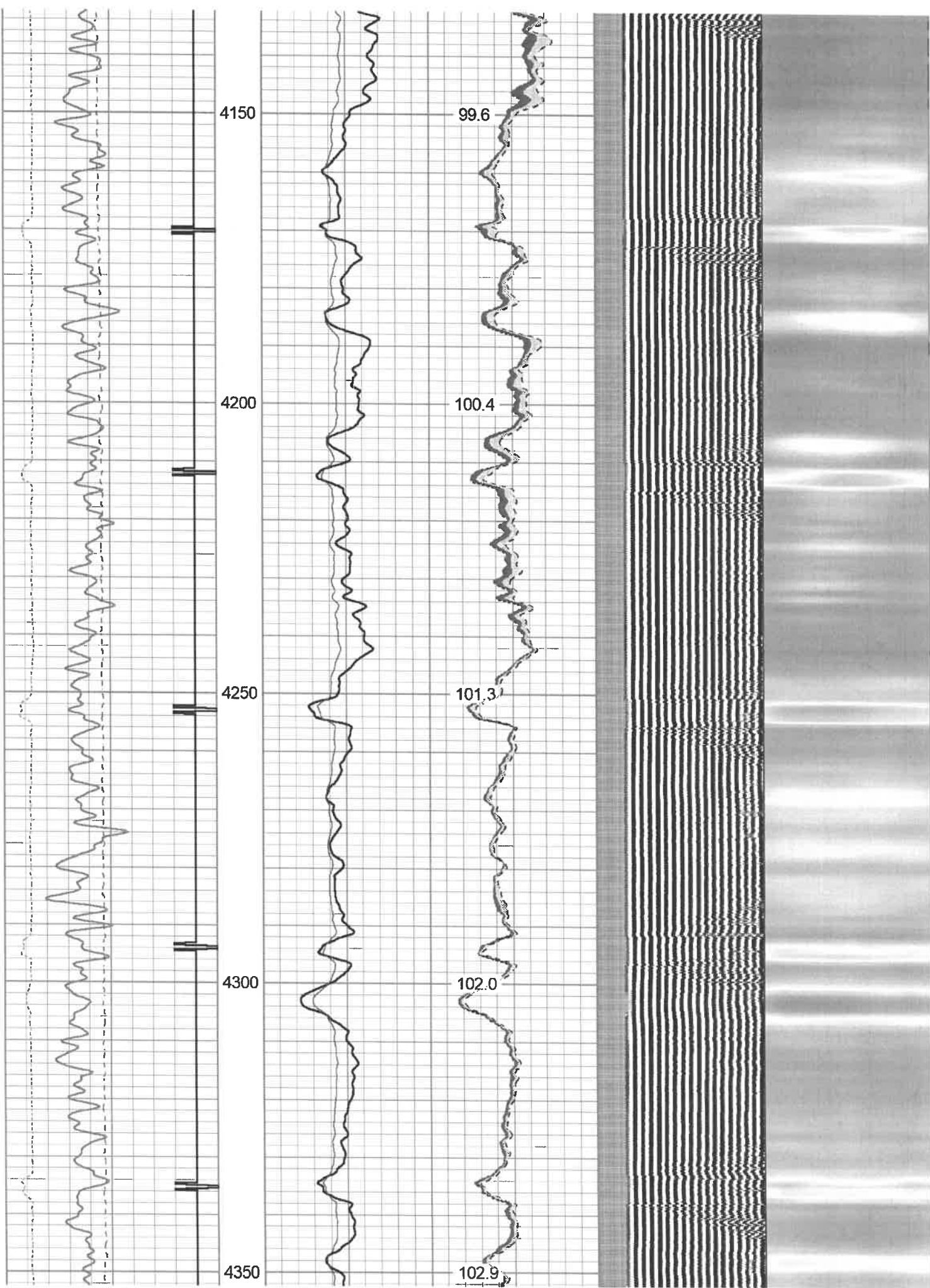
92.2

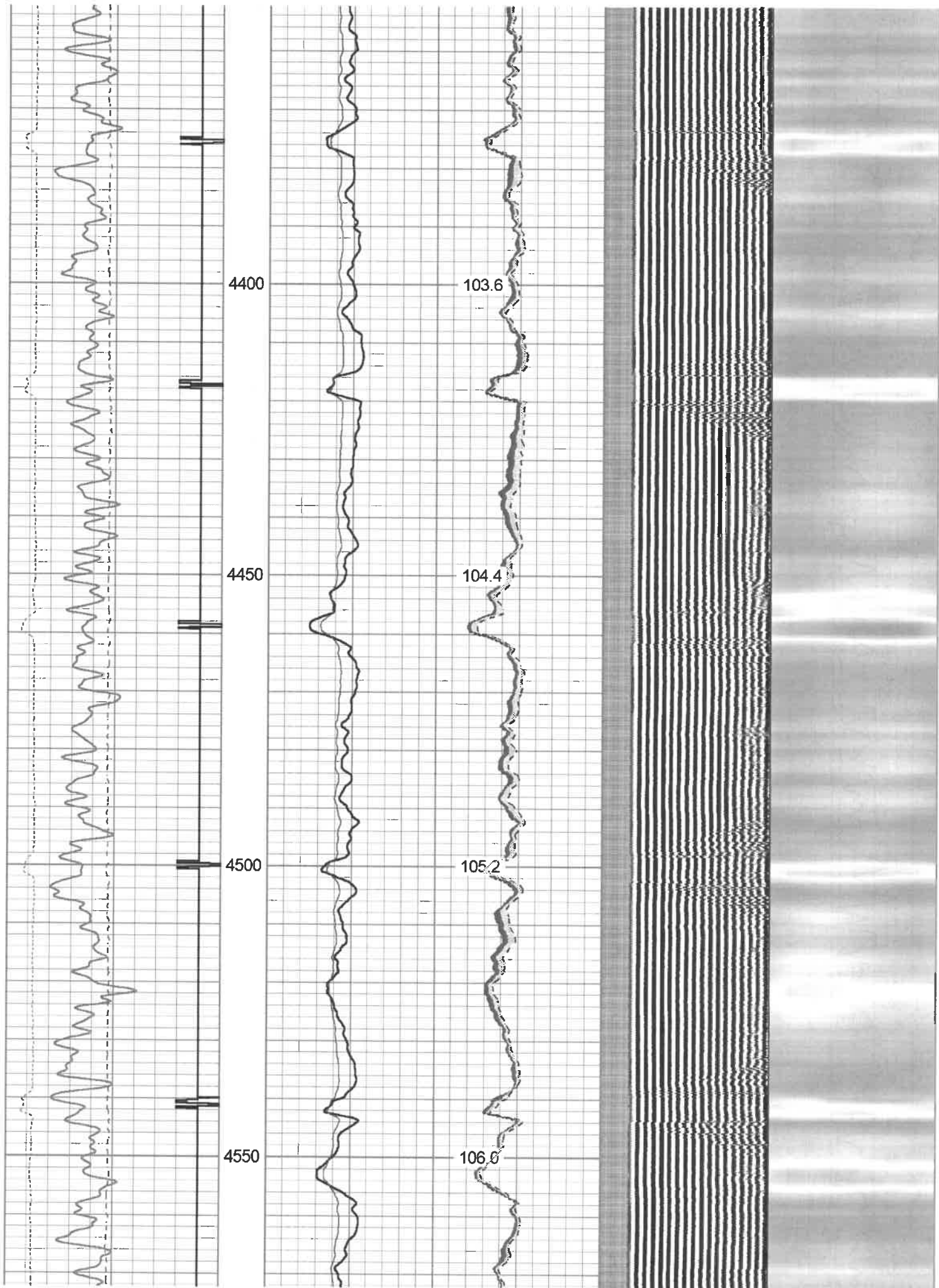
92.7

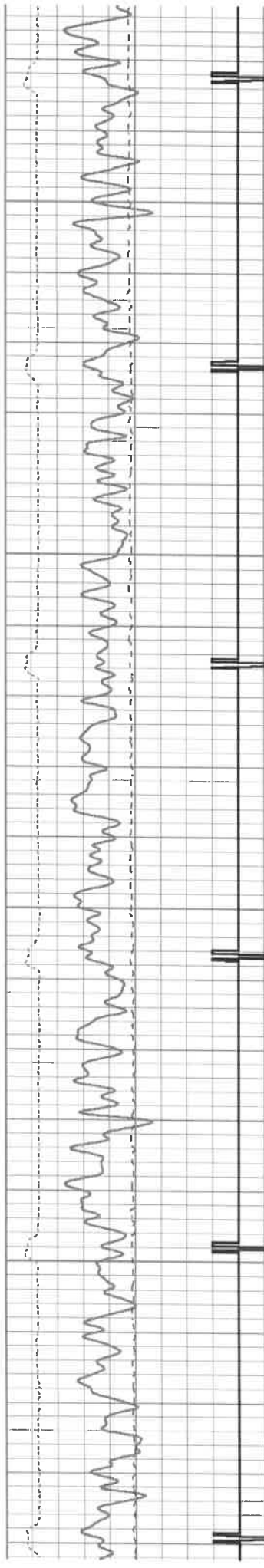










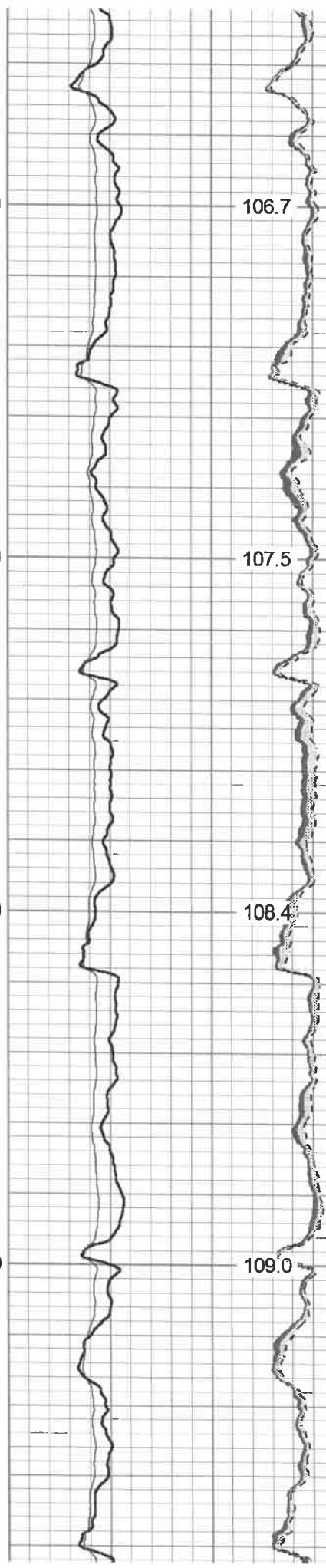


4600

4650

4700

4750

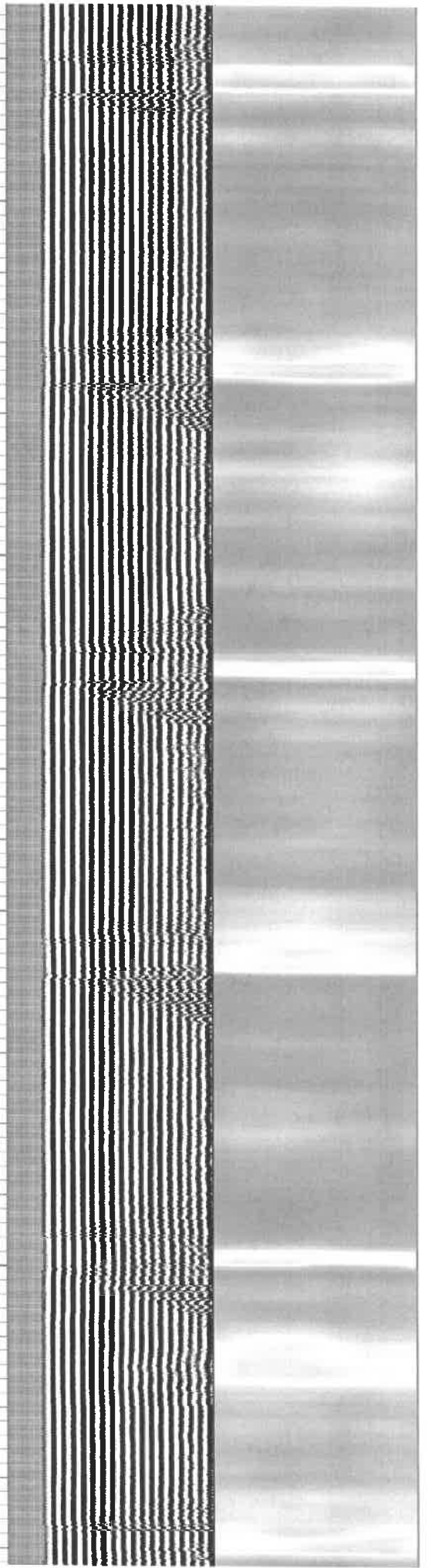


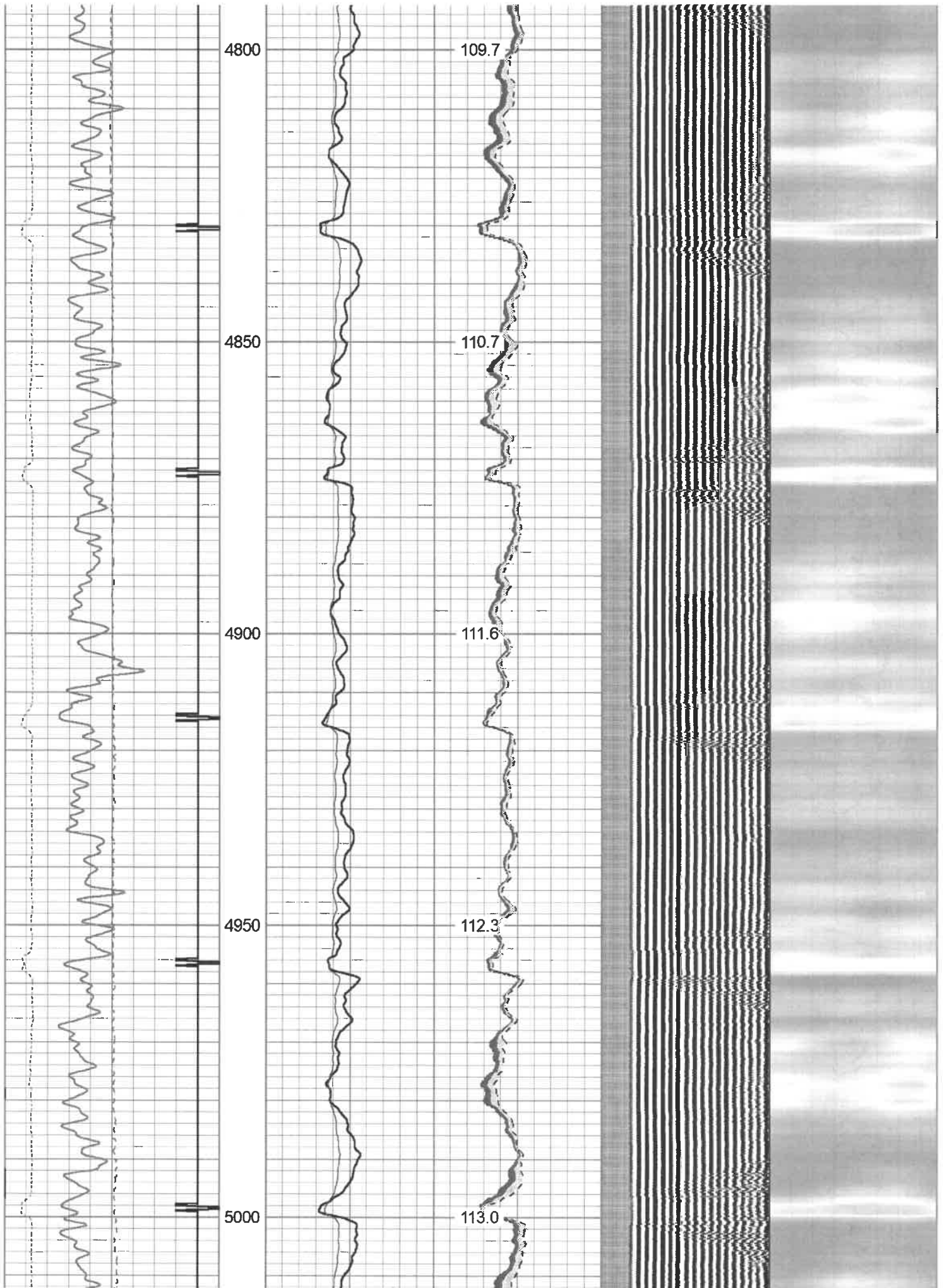
106.7

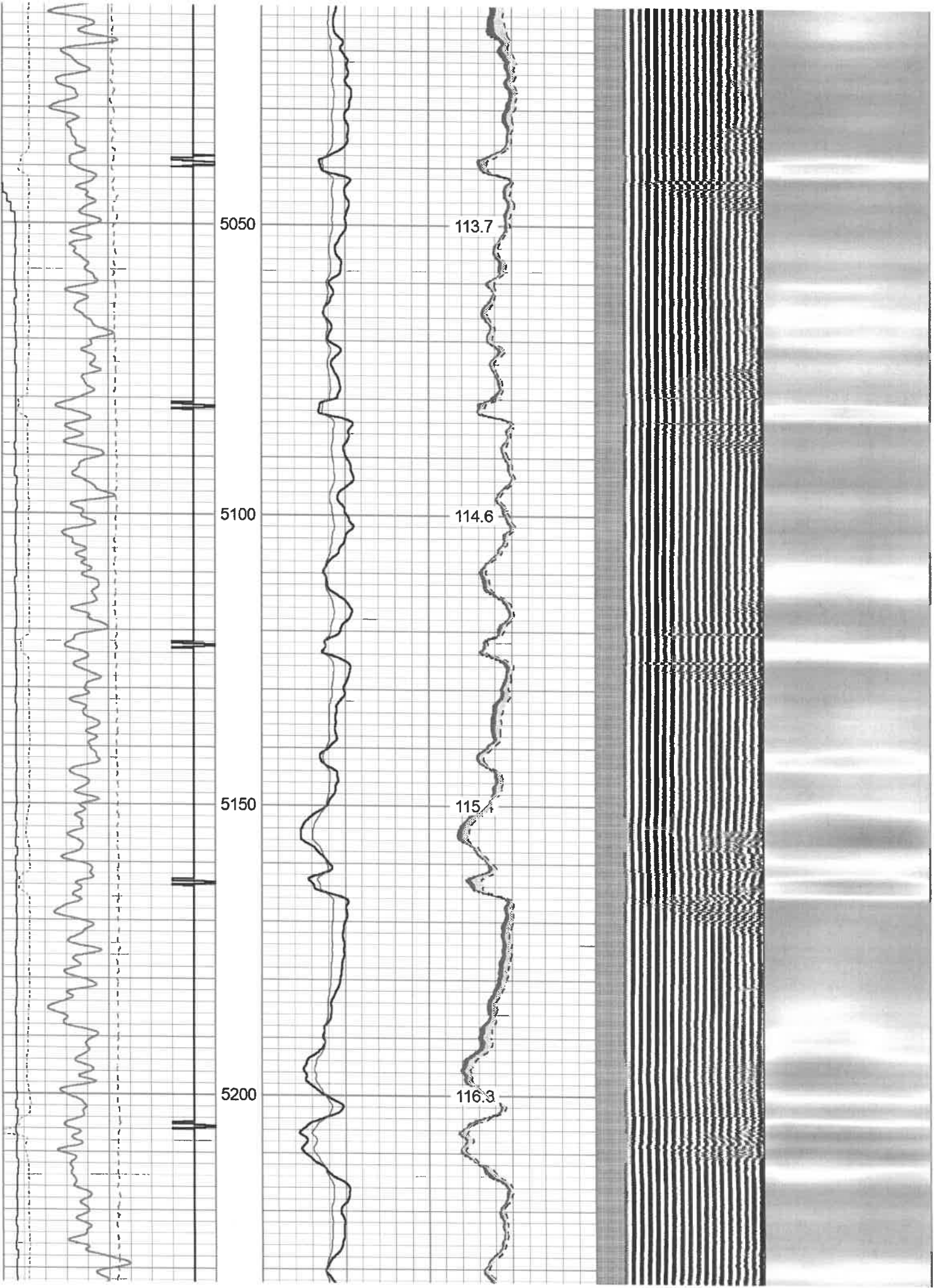
107.5

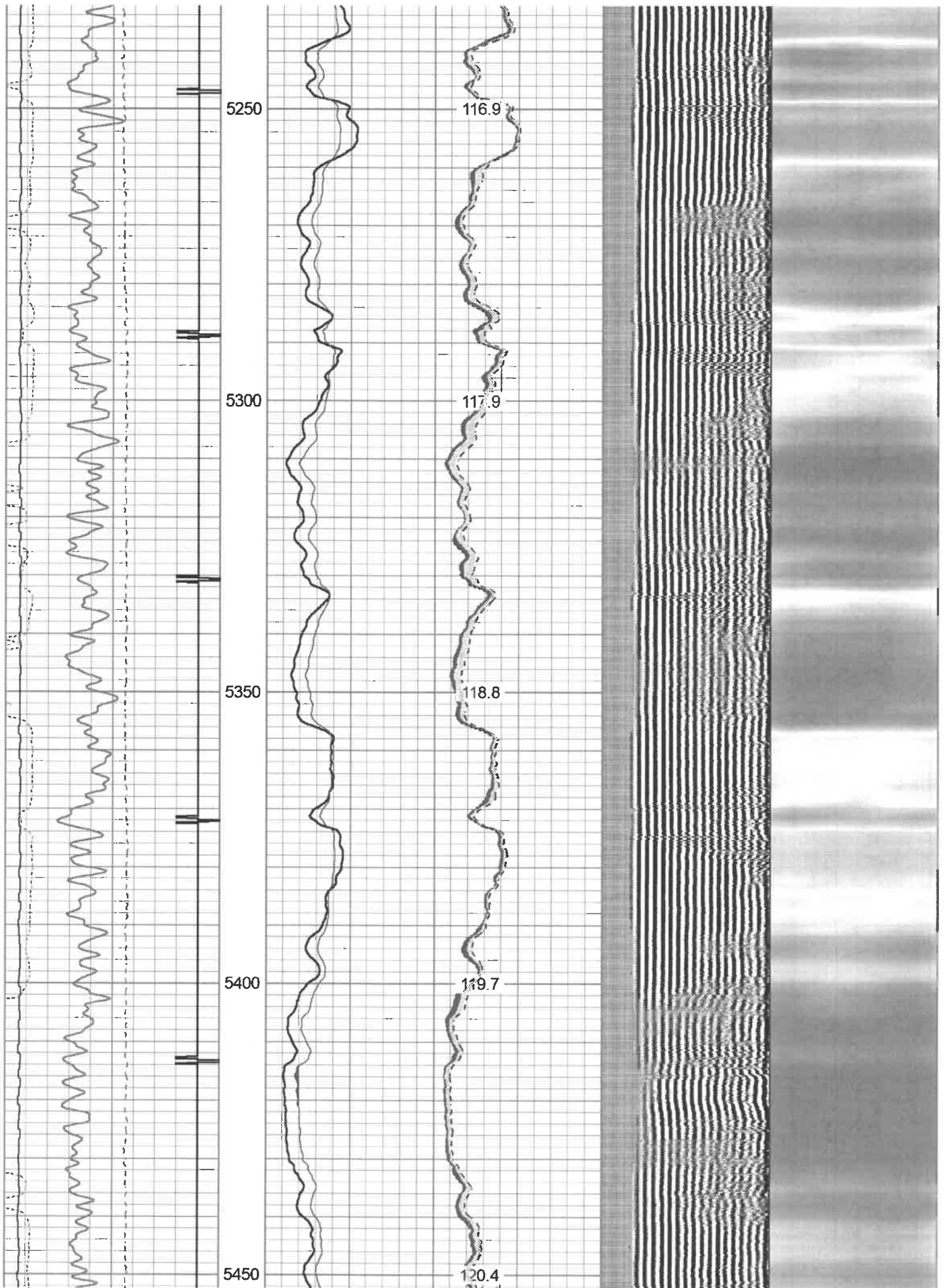
108.4

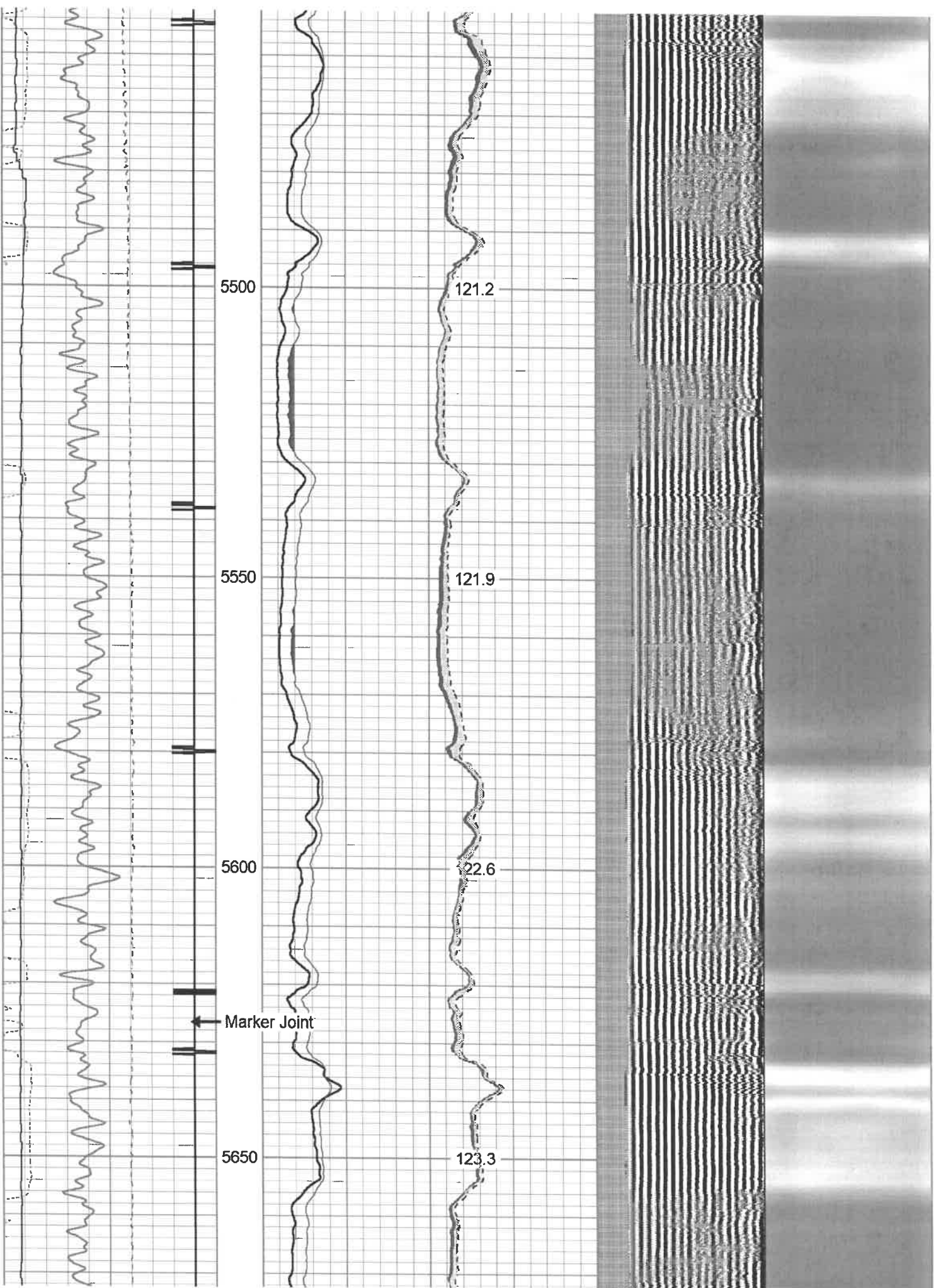
109.0

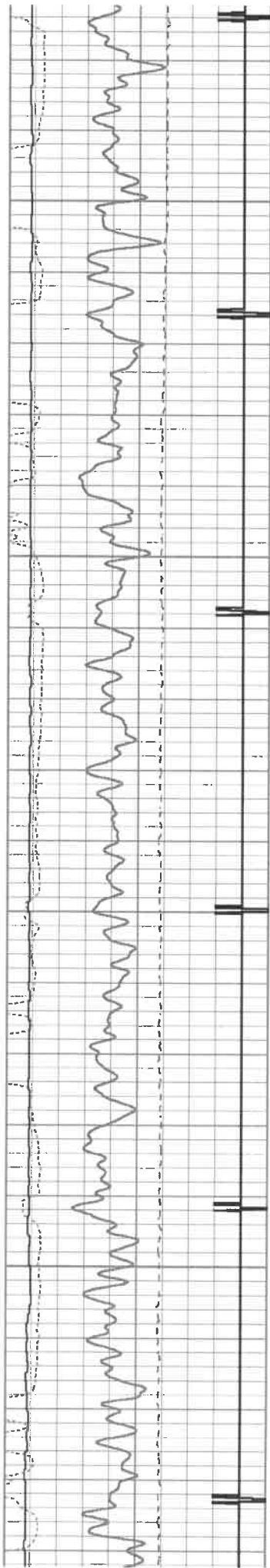










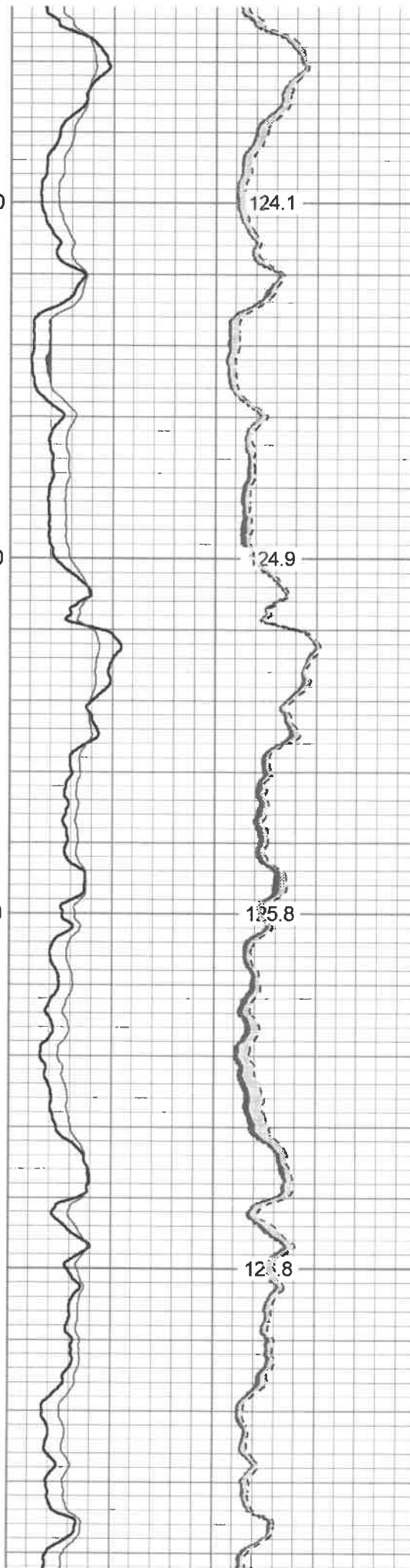


5700

5750

5800

5850

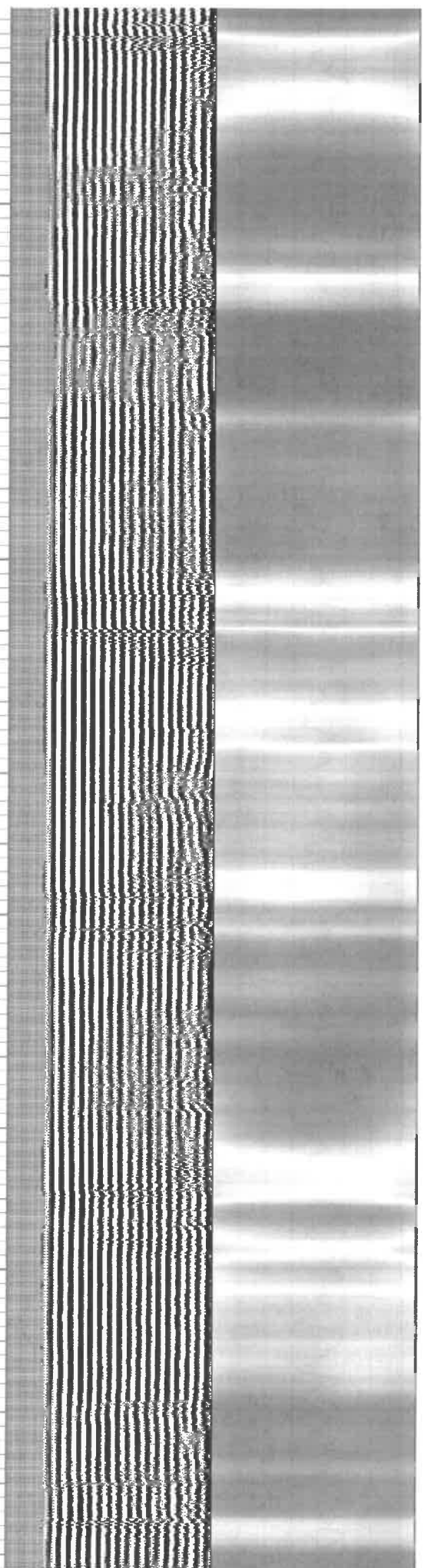


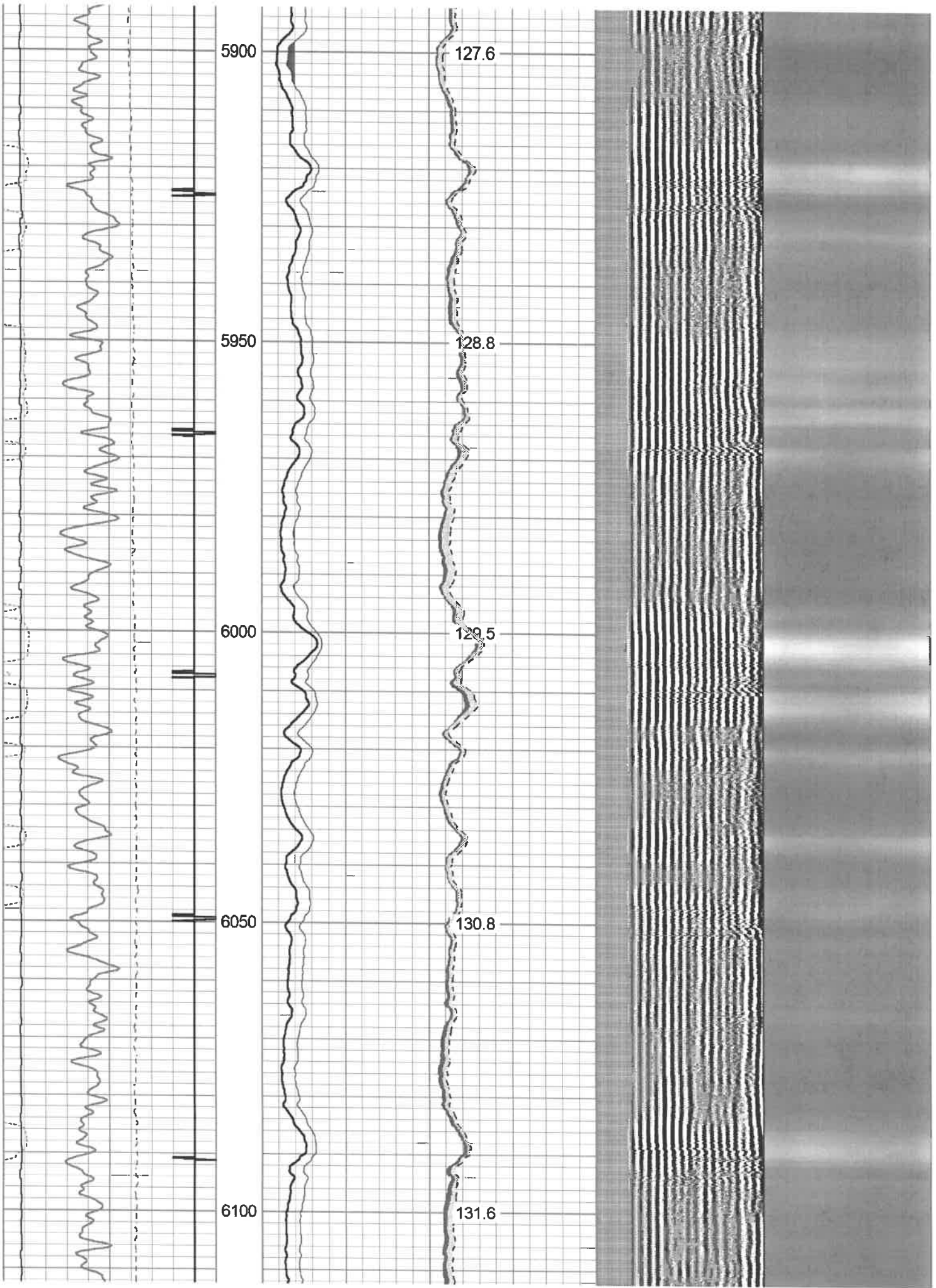
124.1

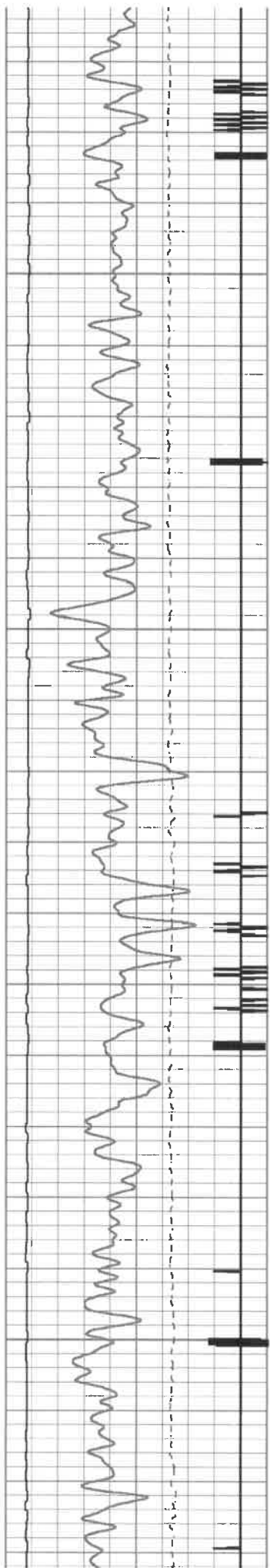
124.9

125.8

124.8





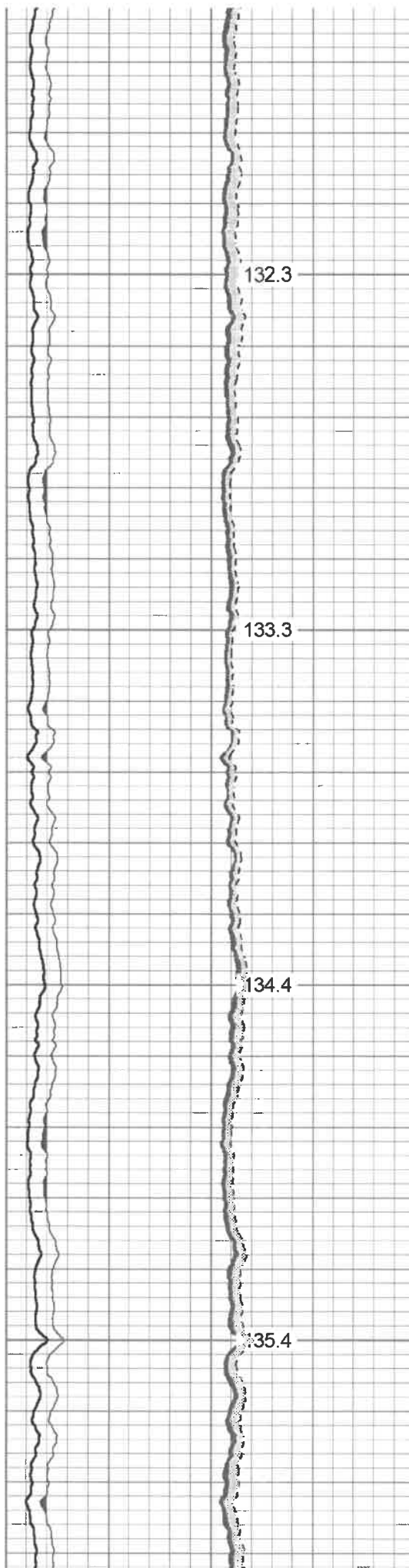


6150

6200

6250

6300

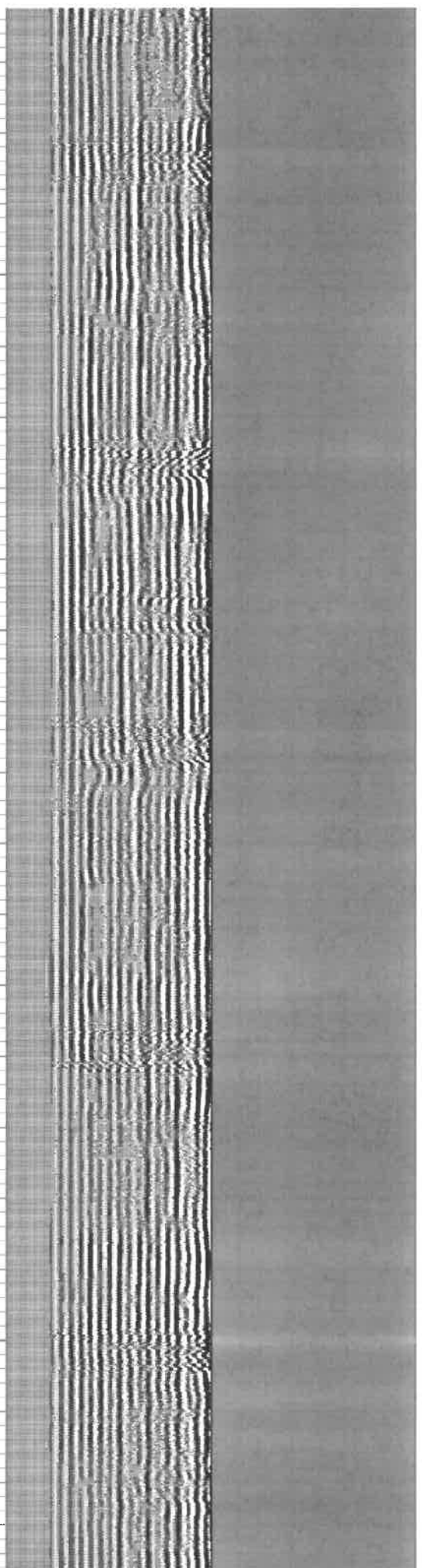


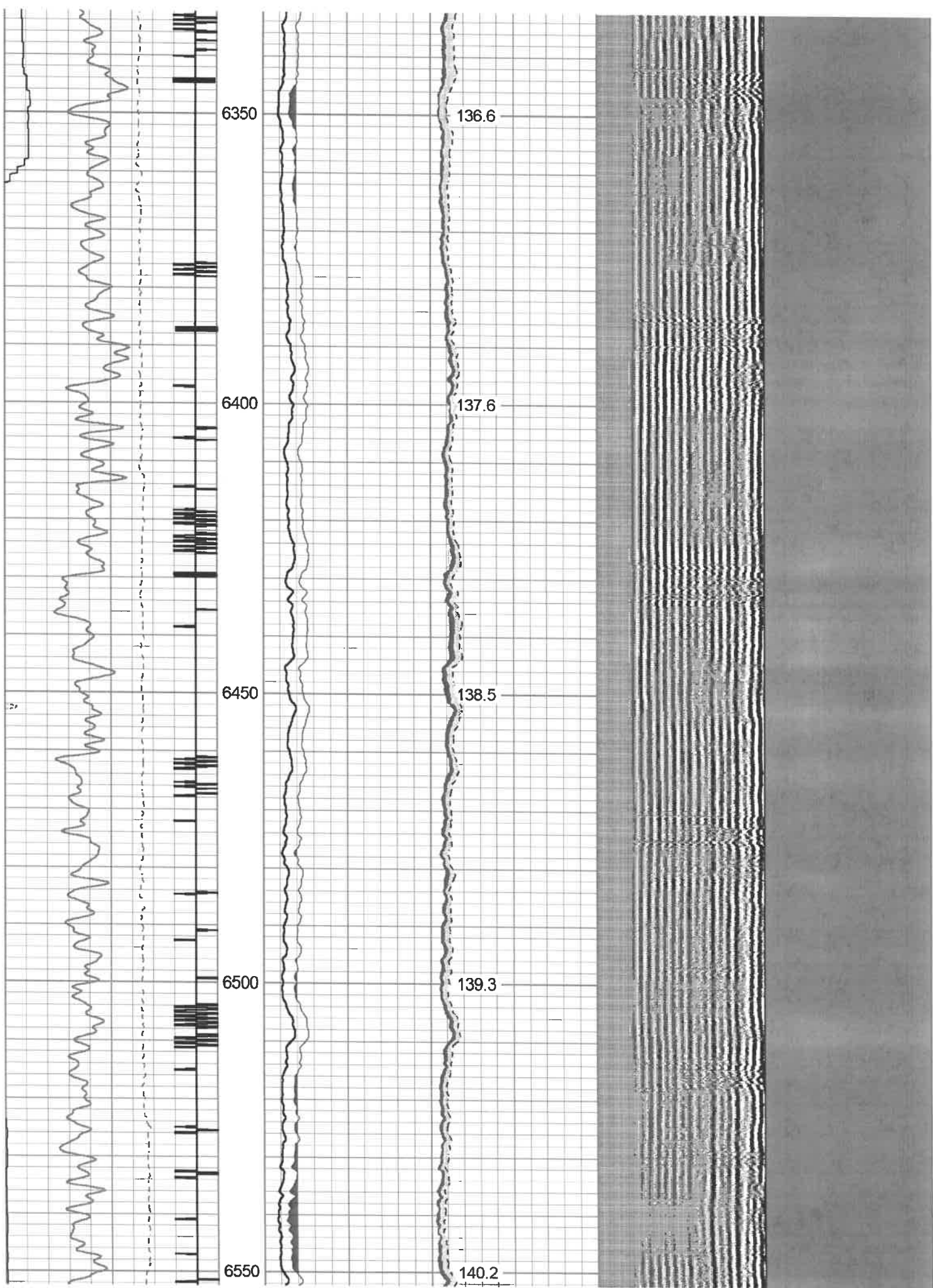
132.3

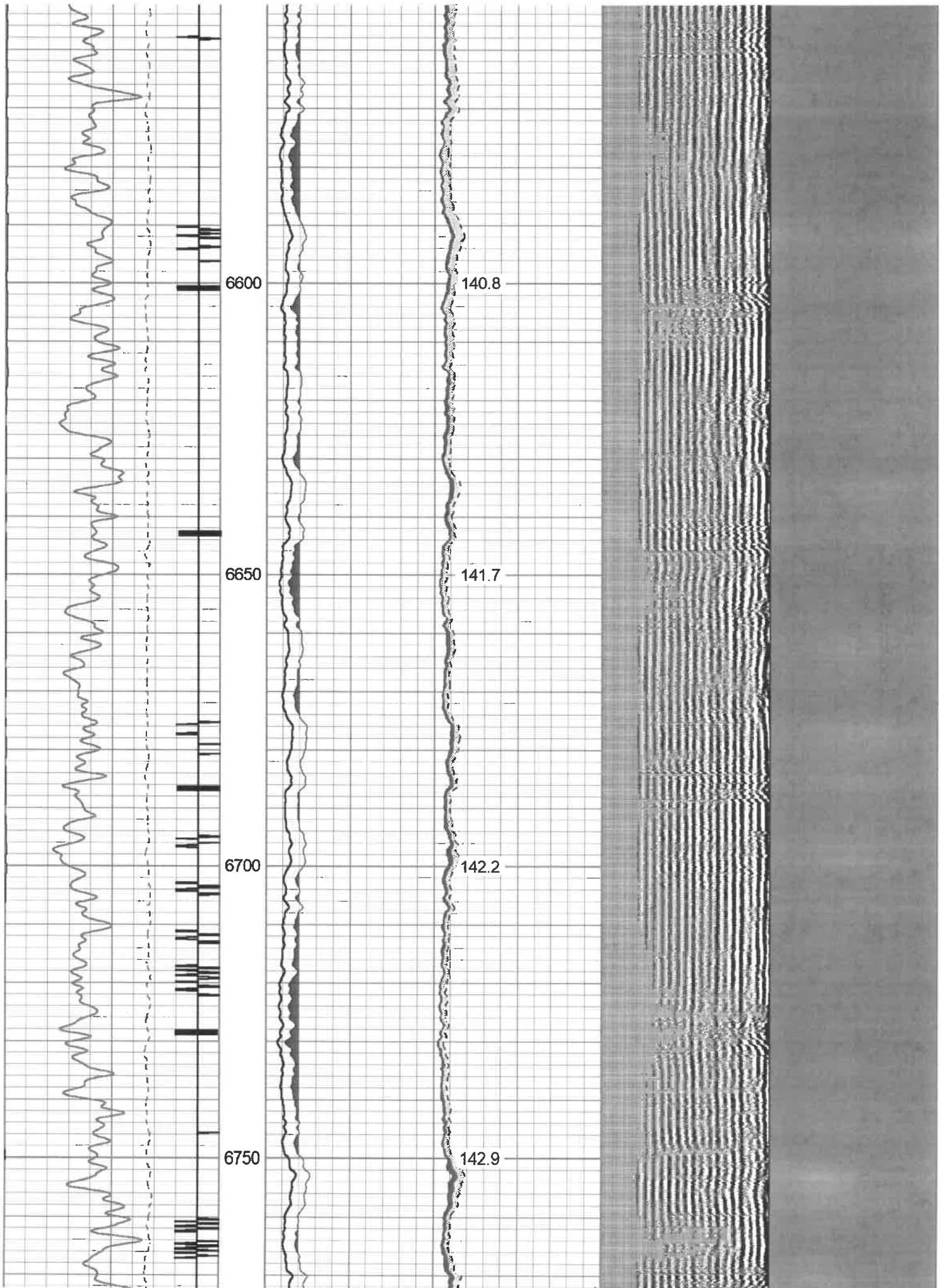
133.3

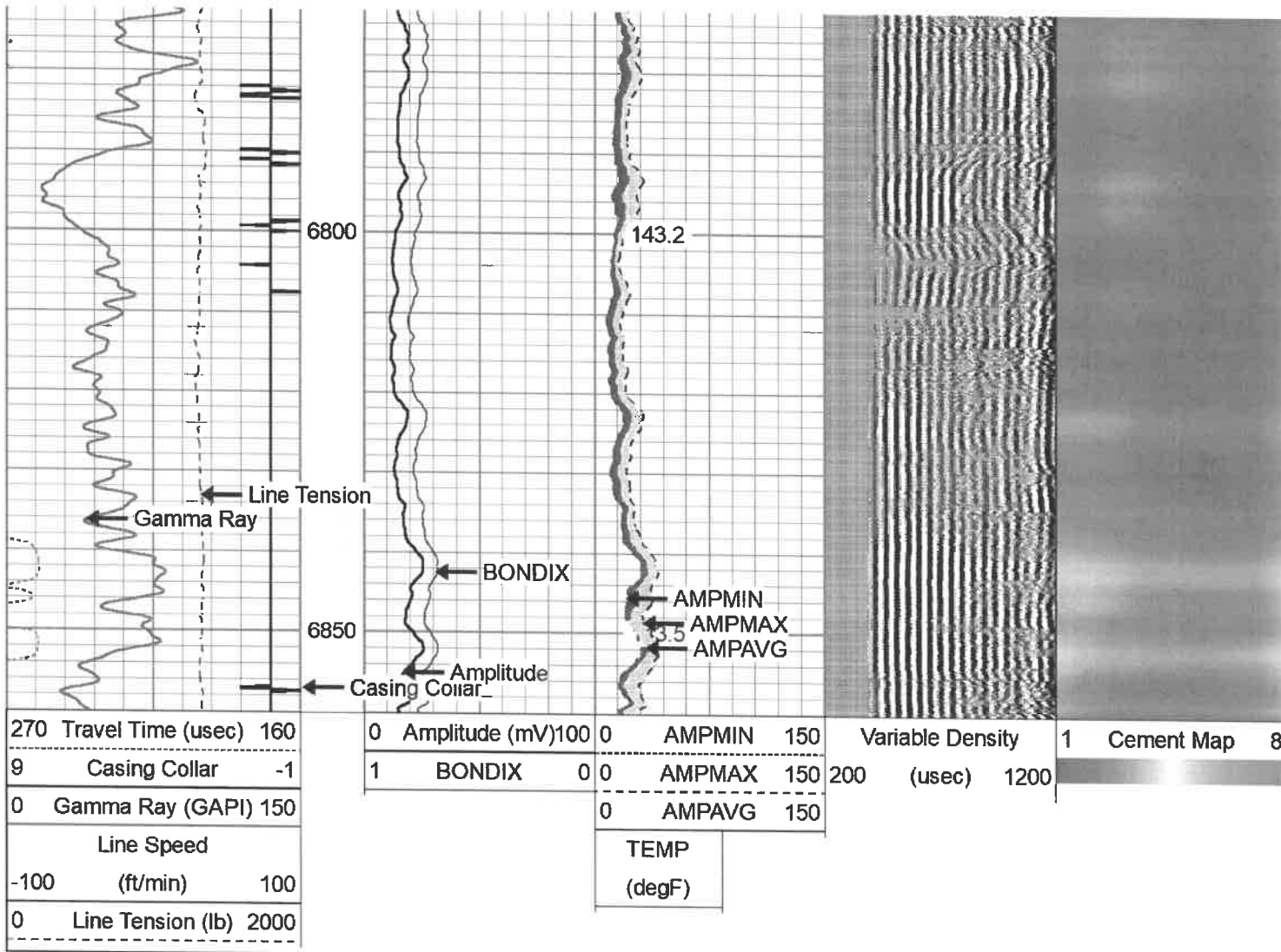
134.4

135.4



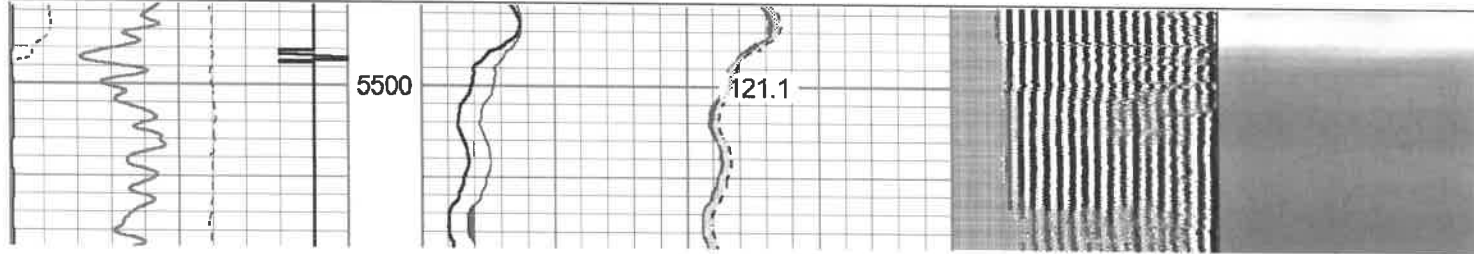
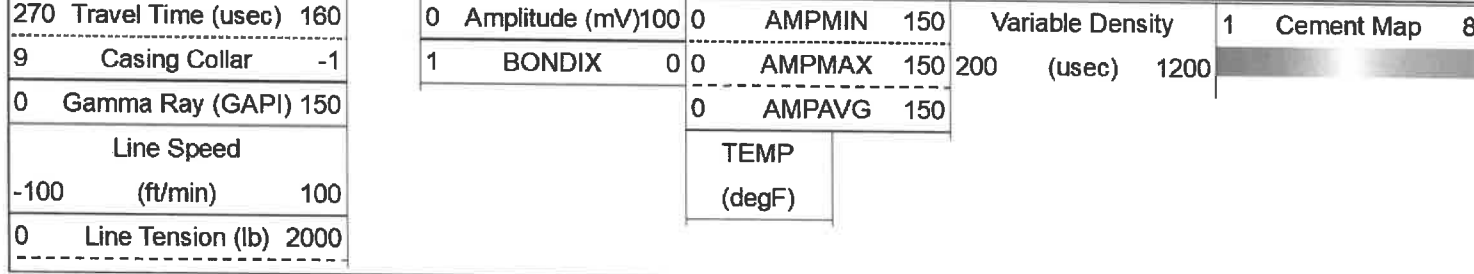


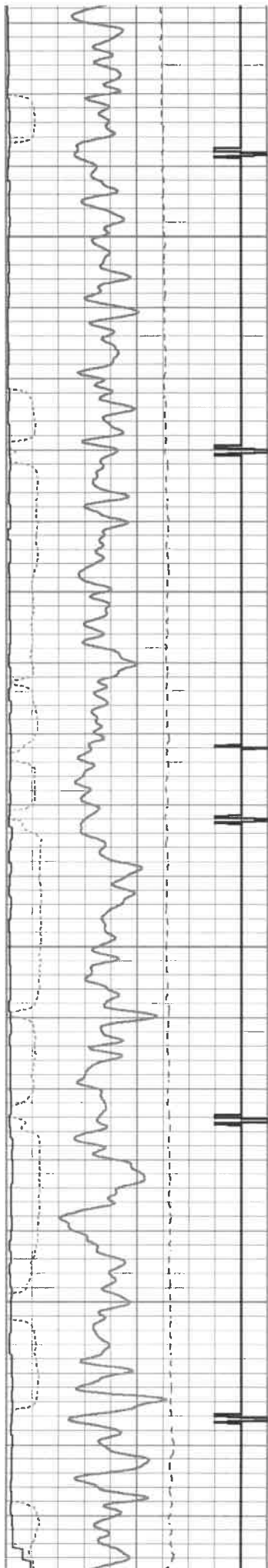





Repeat Pass 0 PSI

Database File: antero_blizzard_whitmore_2h_rcbl_25_jul_2021.db
 Dataset Pathname: rabbit_ears/whitmore_2h/run1/pass2.1
 Presentation Format: rcbl-bond index for antero 1020
 Dataset Creation: Sun Jul 25 20:14:05 2021
 Charted by: Depth in Feet scaled 1:240



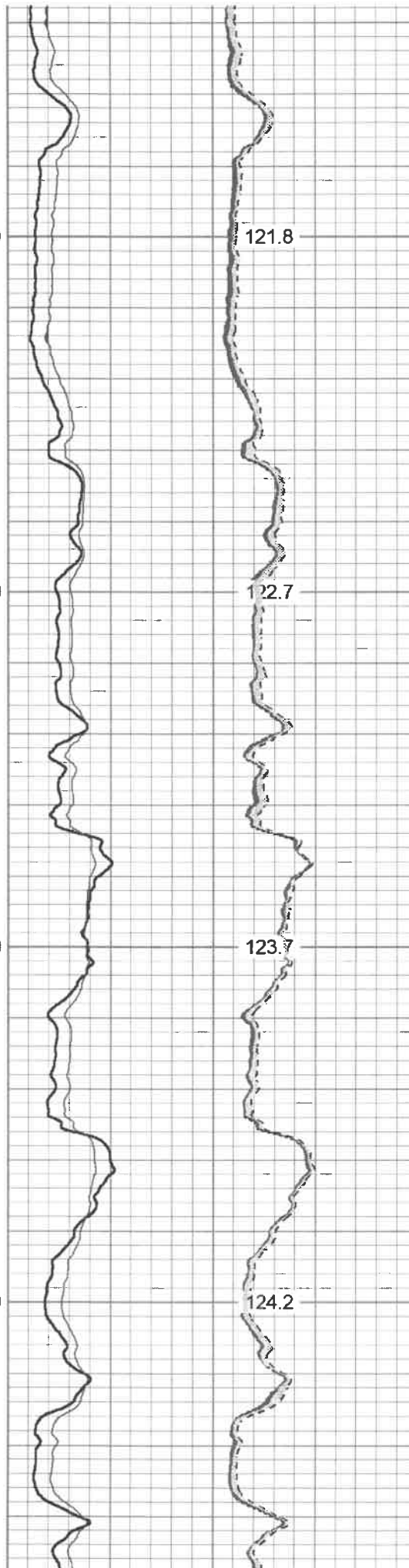


5550

5600

5650

5700

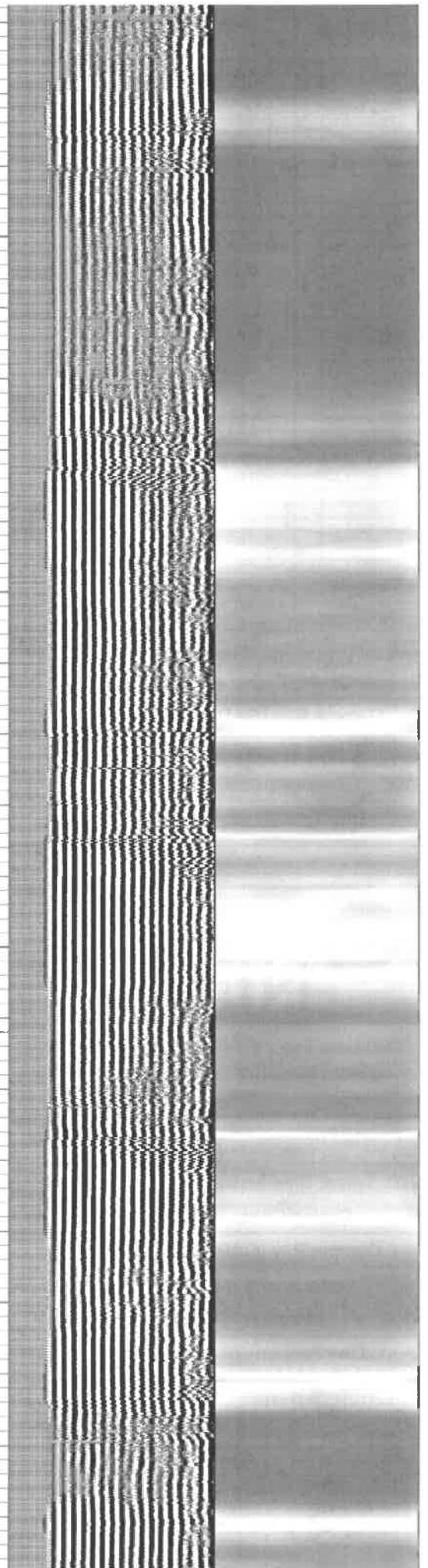


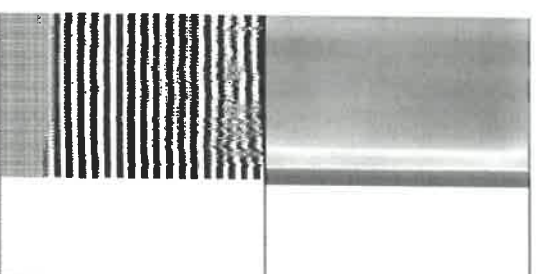
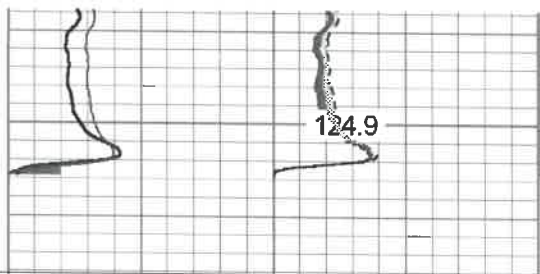
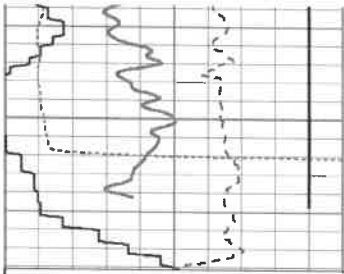
121.8

122.7

123.7

124.2





270	Travel Time (usec)	160
9	Casing Collar	-1
0	Gamma Ray (GAPI)	150
Line Speed		
-100	(ft/min)	100
0	Line Tension (lb)	2000

0	Amplitude (mV)	100	0	AMPMIN	150
1	BONDIX	0	0	AMPMAX	150
			0	AMPAVG	150
TEMP					
(degF)					

Variable Density	1	Cement Map	8
200 (usec)	1200		

Log Variables

DatabaseC:\ProgramData\Warrior\Data\antero_blizzard_whitmore_2h_rcbl_25_jul_2021.db
 Dataset rabbit_ears/whitmore_2h/run1/pass4/_vars_

Top - Bottom

BHTEMP_Src	BOREID	BOTTEMP	CASEOD	CASETHCK	CASEWGHT	MAXAMPL	MINAMPL
TEMP	in 7.875	degF 100	in 5.5	in 0.415	lb/ft 23	mV 71.9	mV 3.4
MINATTN	PERFS	PPT	SRFTEMP	TDEPTH			
db/ft 9.6	No	usec 260	degF 85	ft 6950			

Variable Description

BHTEMP_Src : BHTEMP Input Source Selector
 BOREID : Borehole I.D.
 BOTTEMP : Bottom Hole Temperature
 CASEOD : Casing O.D.
 CASETHCK : Casing Thickness
 CASEWGHT : Casing Weight
 MAXAMPL : Maximum Amplitude
 MINAMPL : Minimum Amplitude
 MINATTN : Minimum Attenuation
 PERFS : Perforation Flag
 PPT : Predicted Pipe Time
 SRFTEMP : Surface Temperature
 TDEPTH : Total Depth

Calibration Report

Database File antero_blizzard_whitmore_2h_rcbl_25_jul_2021.db
 Dataset Pathname rabbit_ears/whitmore_2h/run1/pass4
 Dataset Creation Sun Jul 25 19:02:51 2021

Gamma Ray Calibration Report

Serial Number: FW1211-86
 Tool Model: Probe
 Performed: Sun Jul 25 14:29:09 2021
 Calibrator Value: 1.0 GAPI
 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps
 Sensitivity: 0.5000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: FW1312-32
 Tool Model: Probe275T

SM

Calibration Casing Diameter: 5.500 in
 Calibration Depth: 180.275 ft

Master Calibration, performed Sun Jul 25 18:06:02 2021:


	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.001	0.993	3.400	71.921	68.884	3.490
CAL	-0.027	1.462				
5'	0.003	0.940	3.400	71.921	73.139	3.183
SUM						
S1	0.025	1.079	0.000	100.000	94.950	-2.414
S2	-0.001	0.937	0.000	100.000	106.618	0.083
S3	0.001	0.920	0.000	100.000	108.846	-0.133
S4	0.000	0.942	0.000	100.000	106.147	-0.009
S5	0.000	1.000	0.000	100.000	100.045	-0.009
S6	0.000	1.031	0.000	100.000	97.006	-0.006
S7	0.001	1.058	0.000	100.000	94.603	-0.066
S8	0.000	1.053	0.000	100.000	94.969	-0.015

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	-0.027	1.462	1.000	0.000

Air Zero Calibration, performed Sun Jul 25 13:23:14 2021:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Gain	Offset
3'	0.000		0.000			0.000
5'	0.000		0.000			0.000
SUM						
S1	0.000		0.000			0.000
S2	0.000		0.000			0.000
S3	0.000		0.000			0.000
S4	0.000		0.000			0.000
S5	0.000		0.000			0.000
S6	0.000		0.000			0.000
S7	0.000		0.000			0.000
S8	0.000		0.000			0.000

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
HeadVolt	16.99		CHD-Titan Standard 1 7/16" Cable Head	1.02	1.44	1.00
Temp	14.14		CENT-Overbody Antelope (SP-919-0233)	1.67	4.88	5.00

WVFS8	11.91		RBT-Probe275T (FW1312-32) Probe 2.75" Radial with Integral Temperature Sub	9.39	2.75	90.00
WVFS7	11.91					
WVFS6	11.91					
WVFS5	11.91					
WVFS4	11.91					
WVFS3	11.91					
WVFS2	11.91					
WVFS1	11.91					
WVF3FT	11.91					
WVF5FT	10.91					
WVFCAL	7.66					
HEADVOLT	7.66					
CCL	6.75					
GR	5.42		CENT-Overbody Antelope (SP-919-0233)	1.67	4.88	5.00
			GR-Probe (FW1211-86) Probe 2 3/4" Logging Gamma Ray	4.78	2.75	57.00
			CENT-Probe275 2.75" Centralizer	2.88	2.75	20.00

Dataset: antero_blizzard_whitmore_2h_rcbl_25_jul_2021.db: rabbit_ears/whitmore_2h/run1/pass4
 Total length: 18.07 ft
 Total weight: 178.00 lb
 O.D.: 4.88 in

	Company	Antero Resources
	Well	Blizzard Whitmore 2H
	Field	Rabbit Ears
	County	Tyler
	State	WV