

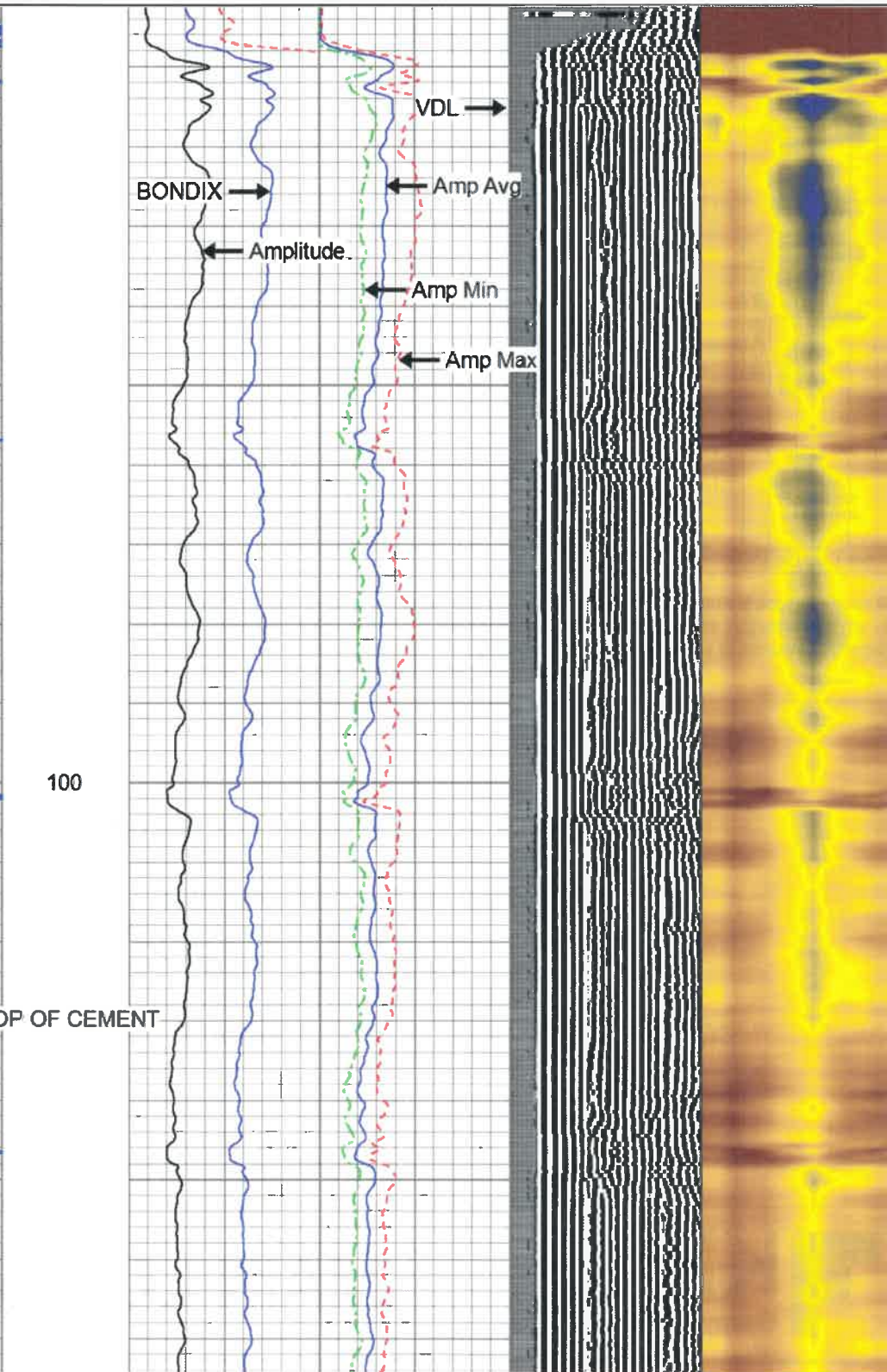
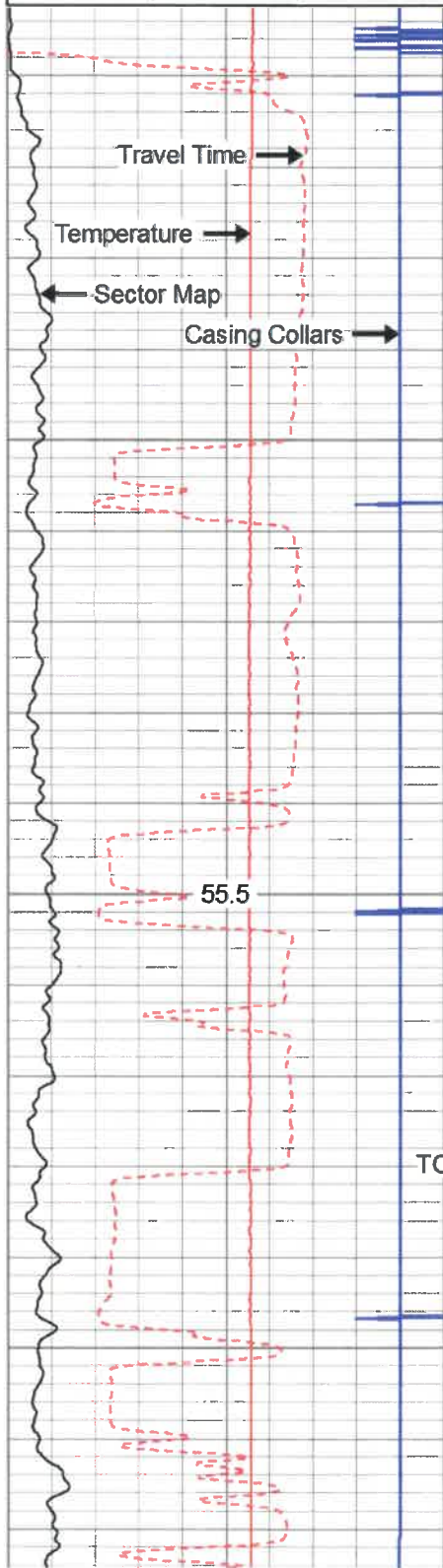
Database File: c:\warrior\data\2019 antero\antero-pritchard 2h.db
 Dataset Pathname: pass3
 Presentation Format: antero f
 Dataset Creation: Wed Apr 03 16:05:44 2019 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240

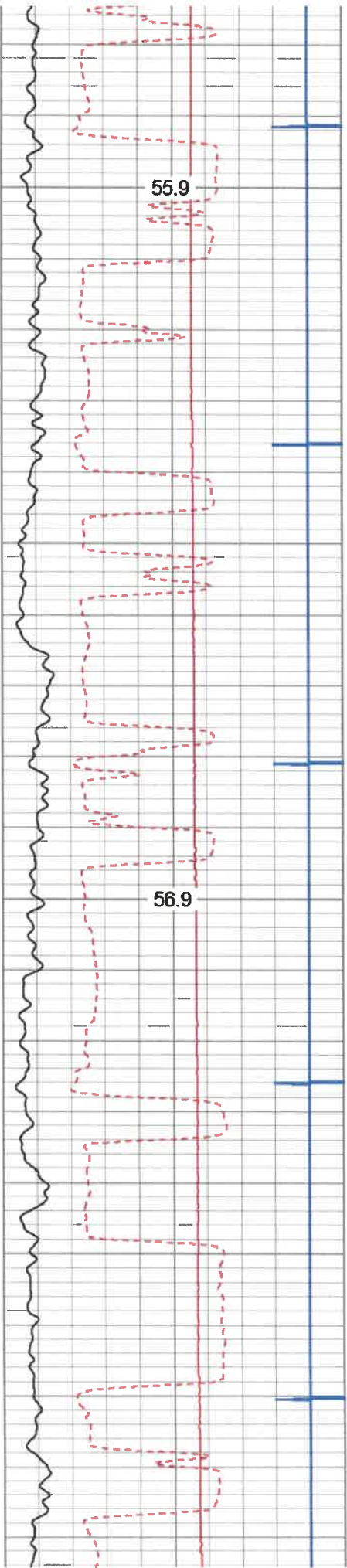
280	Travel Time (usec)	180
9	Casing Collars	-1
0	Gamma Ray	180
0	TEMP (degF)	100

Amplitude	0	Amp Avg	150
(mV)	100	Amp Max	150
AmpX5 (mV)	20	Amp Min	150
BONDIX	0		

200	VDL	1200	1	Sector Map	12
					80

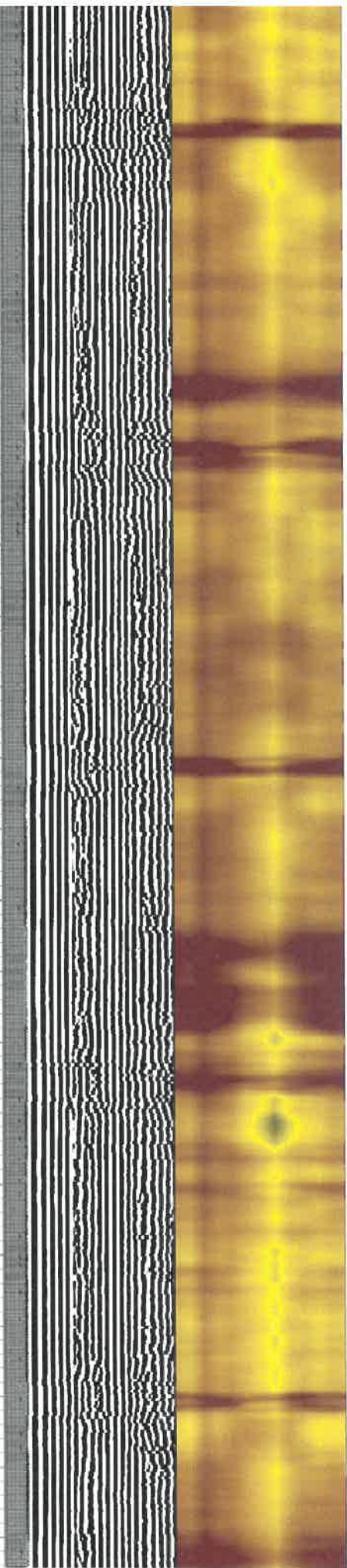
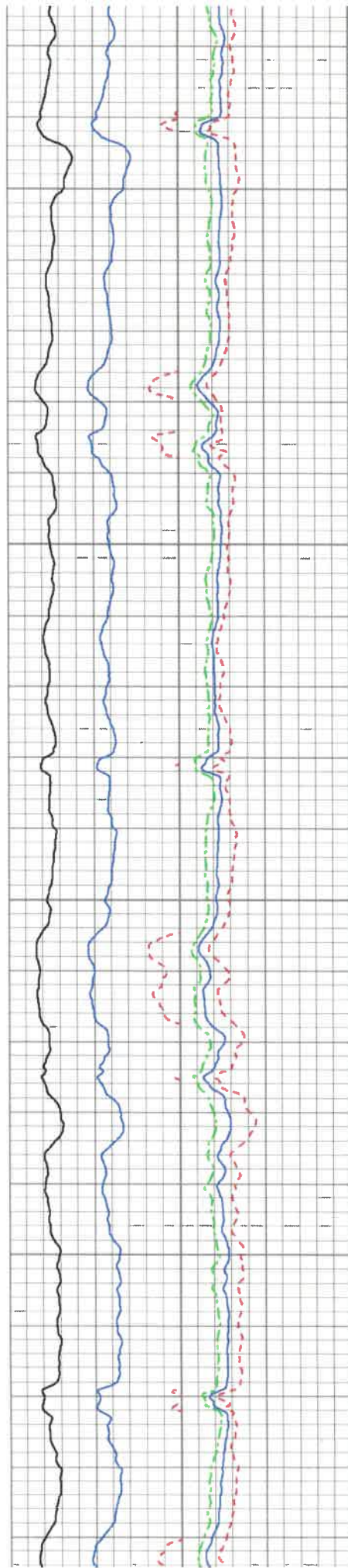
TEMP
(degF)

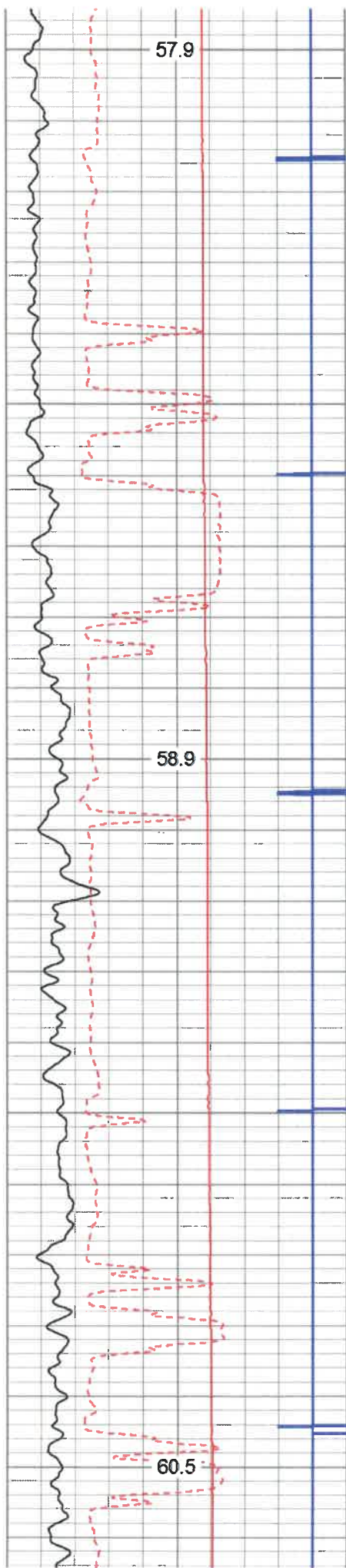




200

300

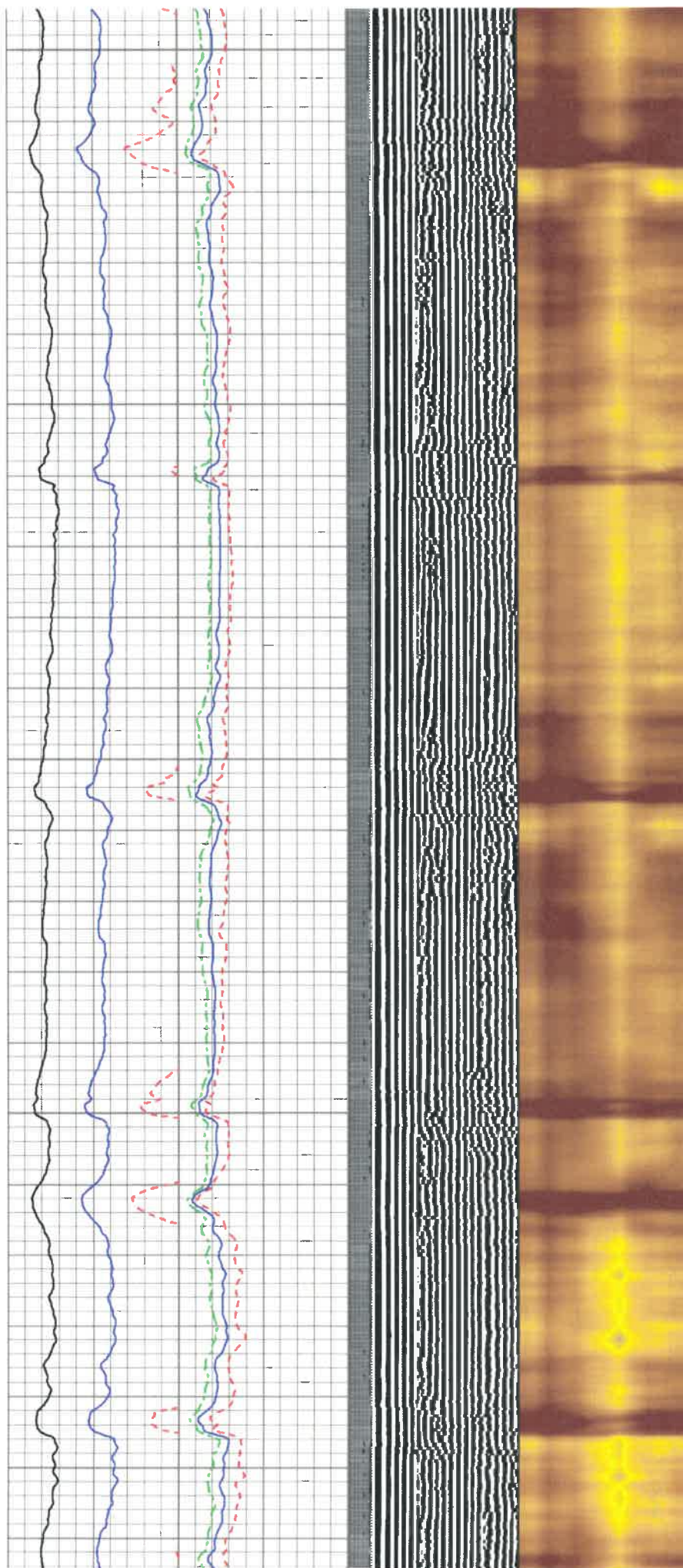


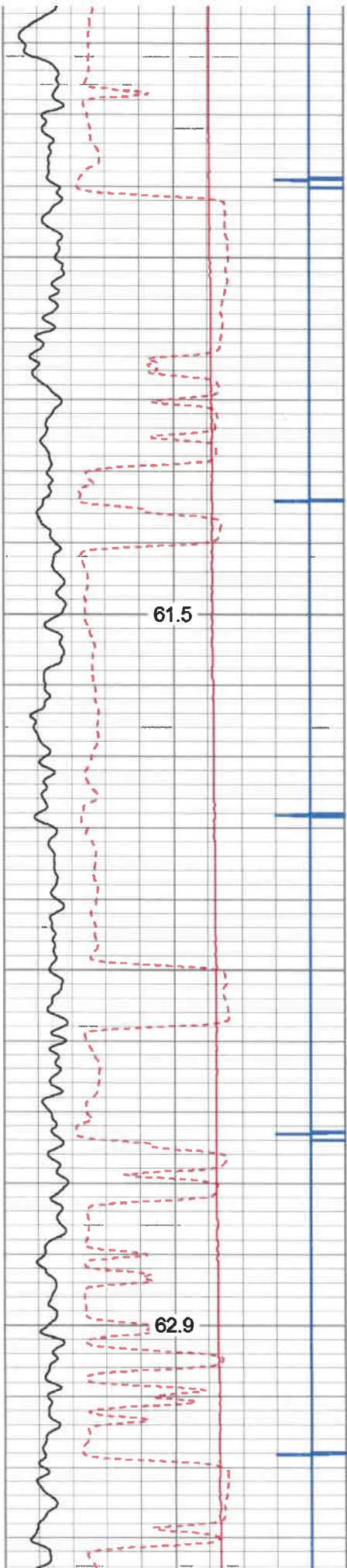


400

500

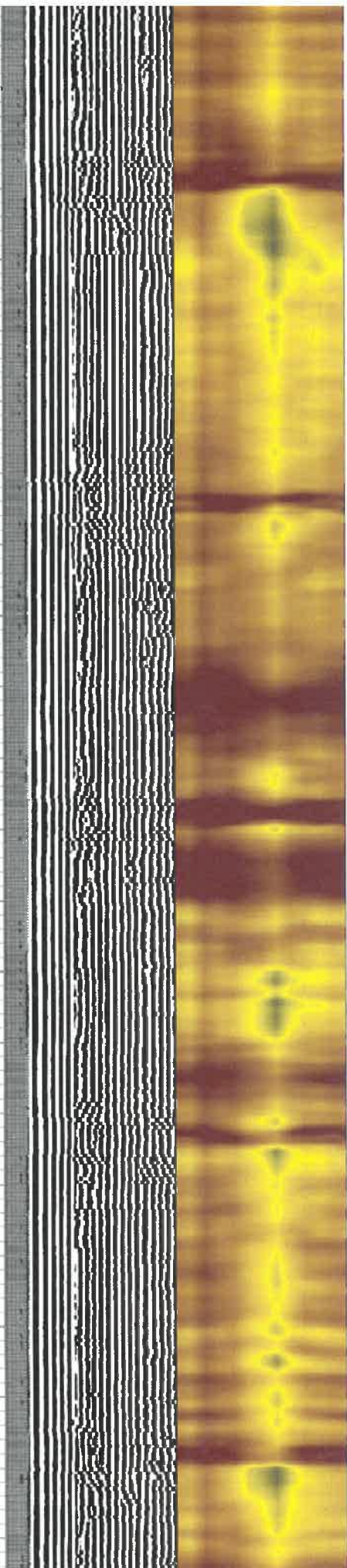
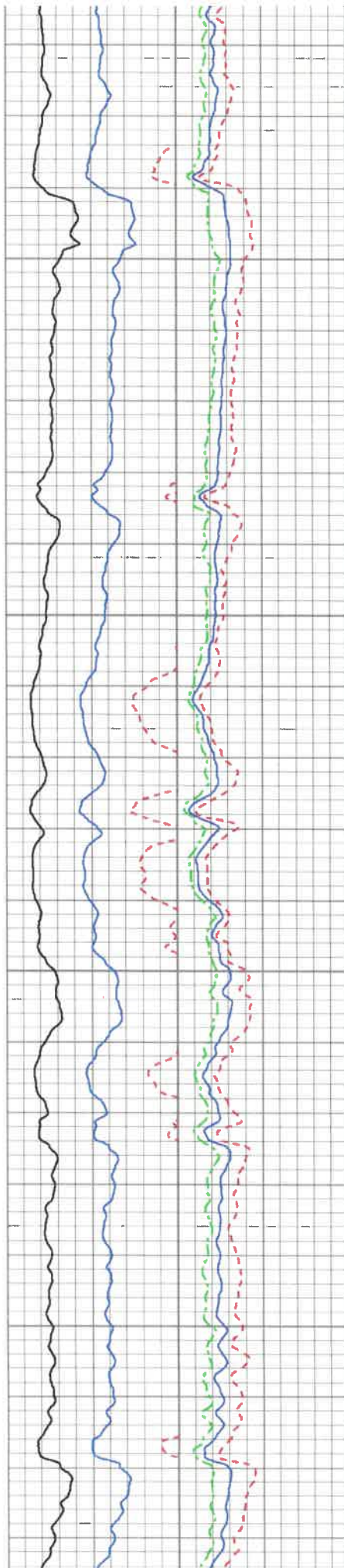
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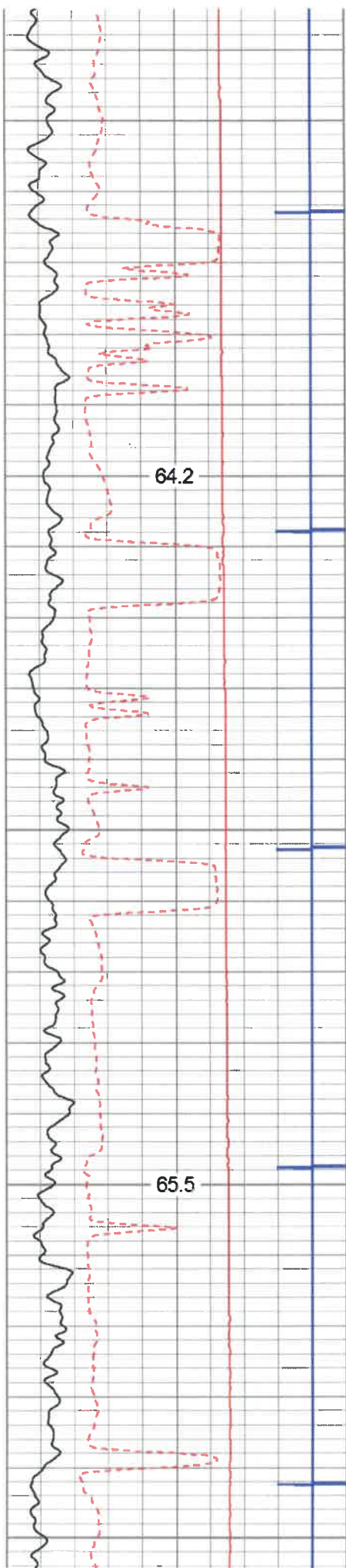




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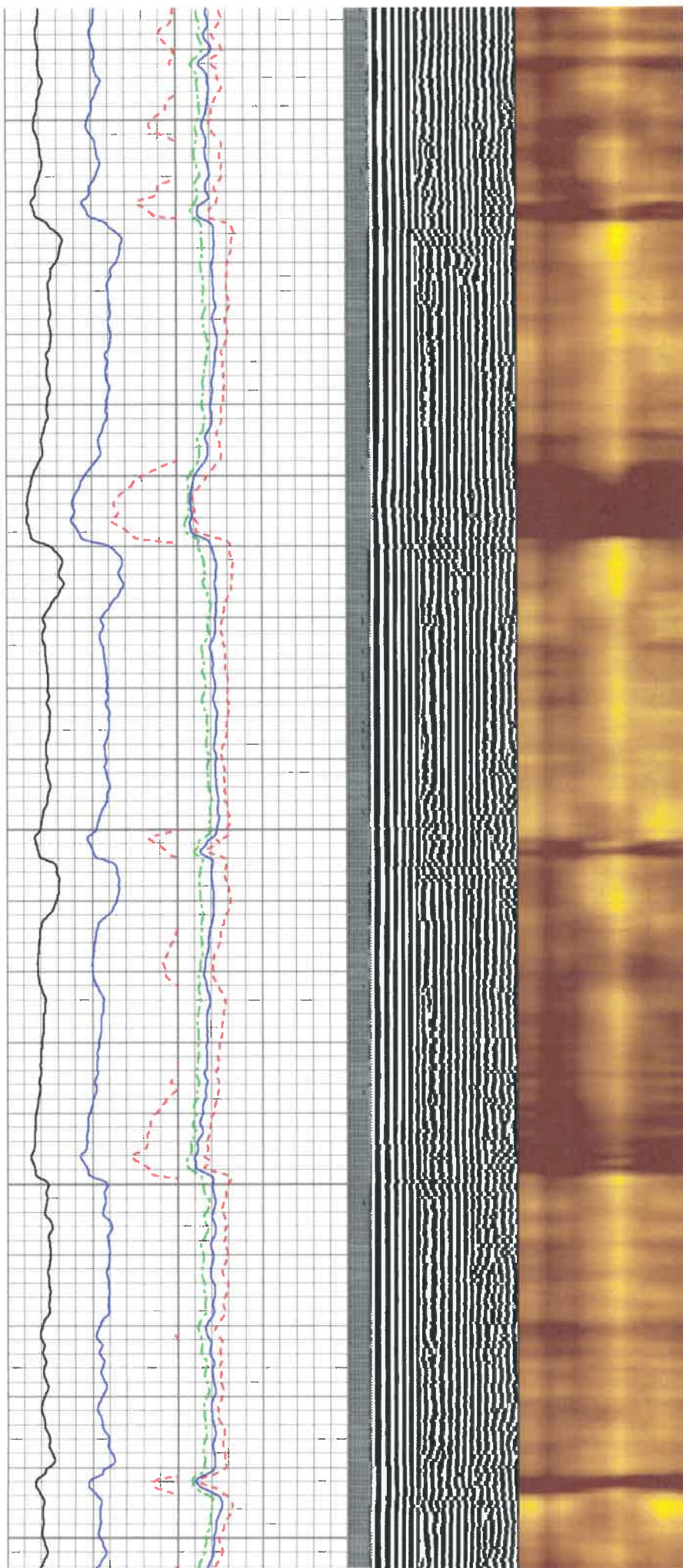
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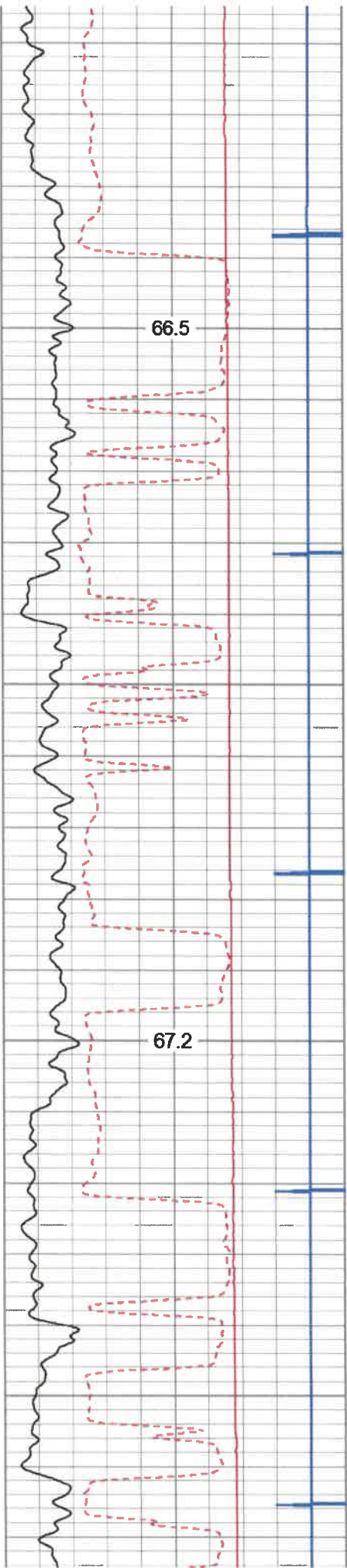




900

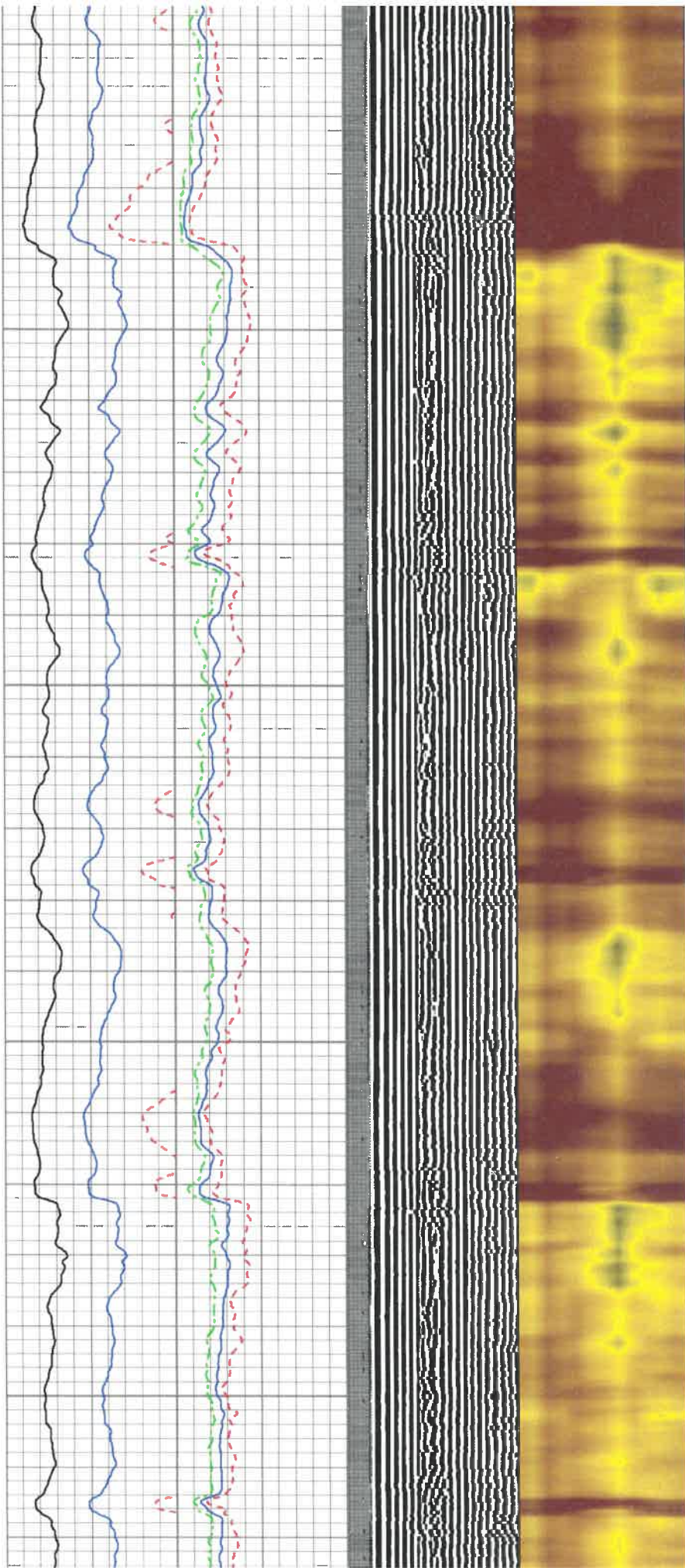
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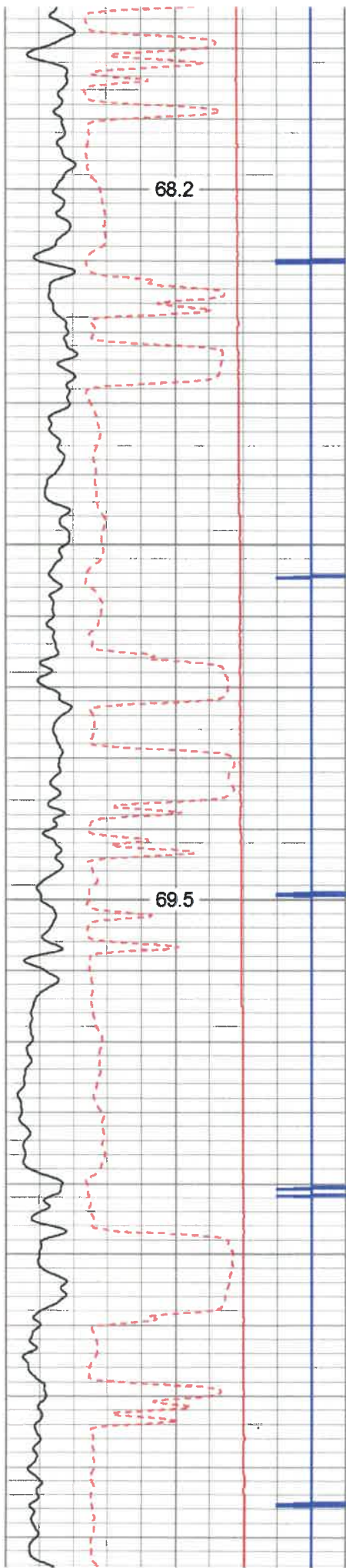




1100

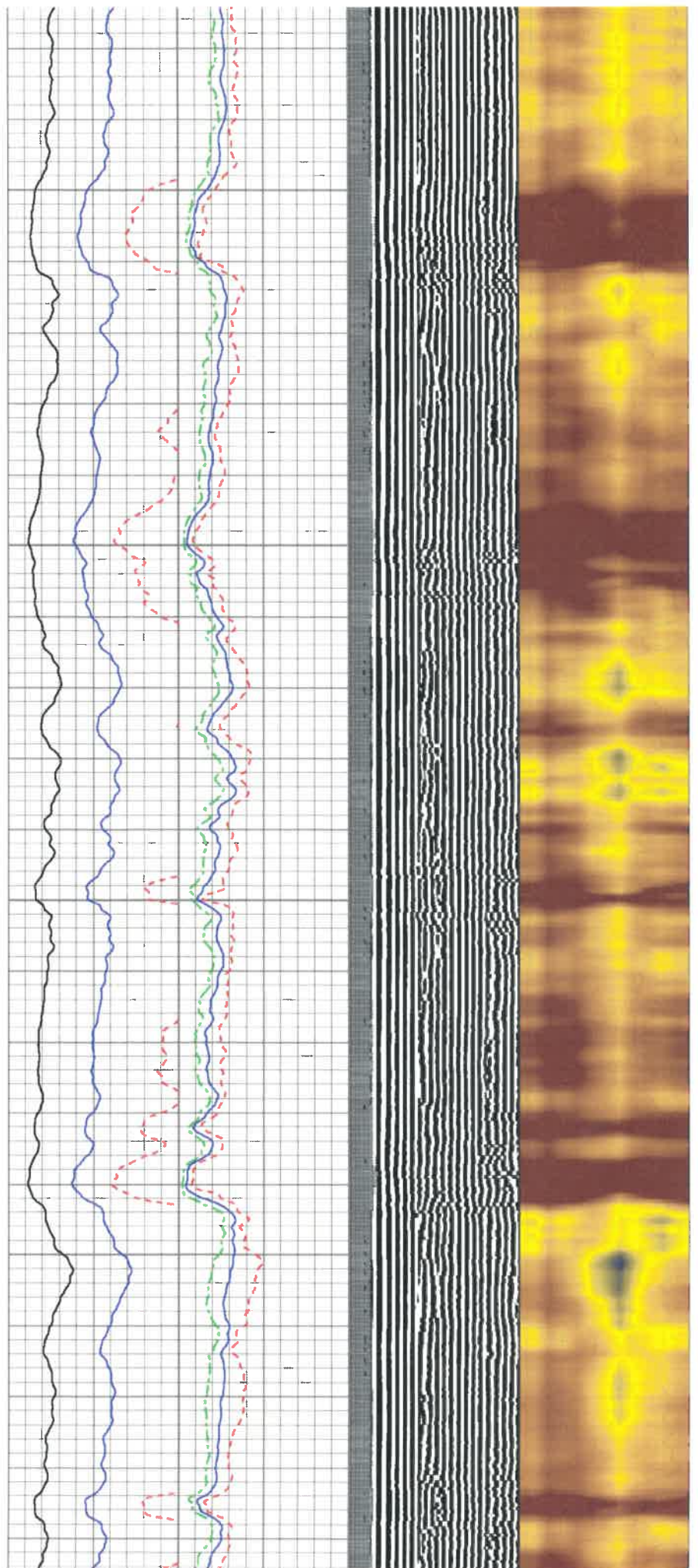
1200

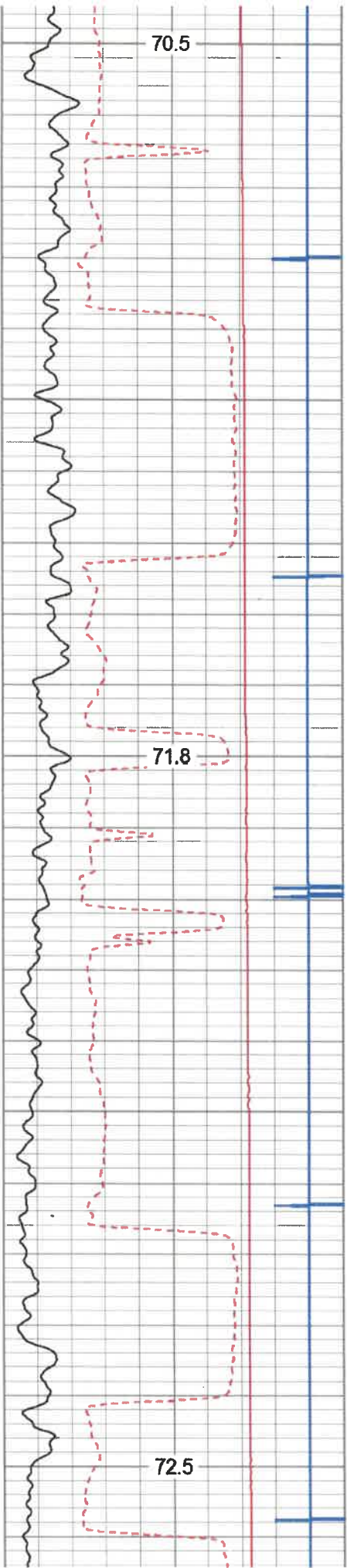




1300

1400

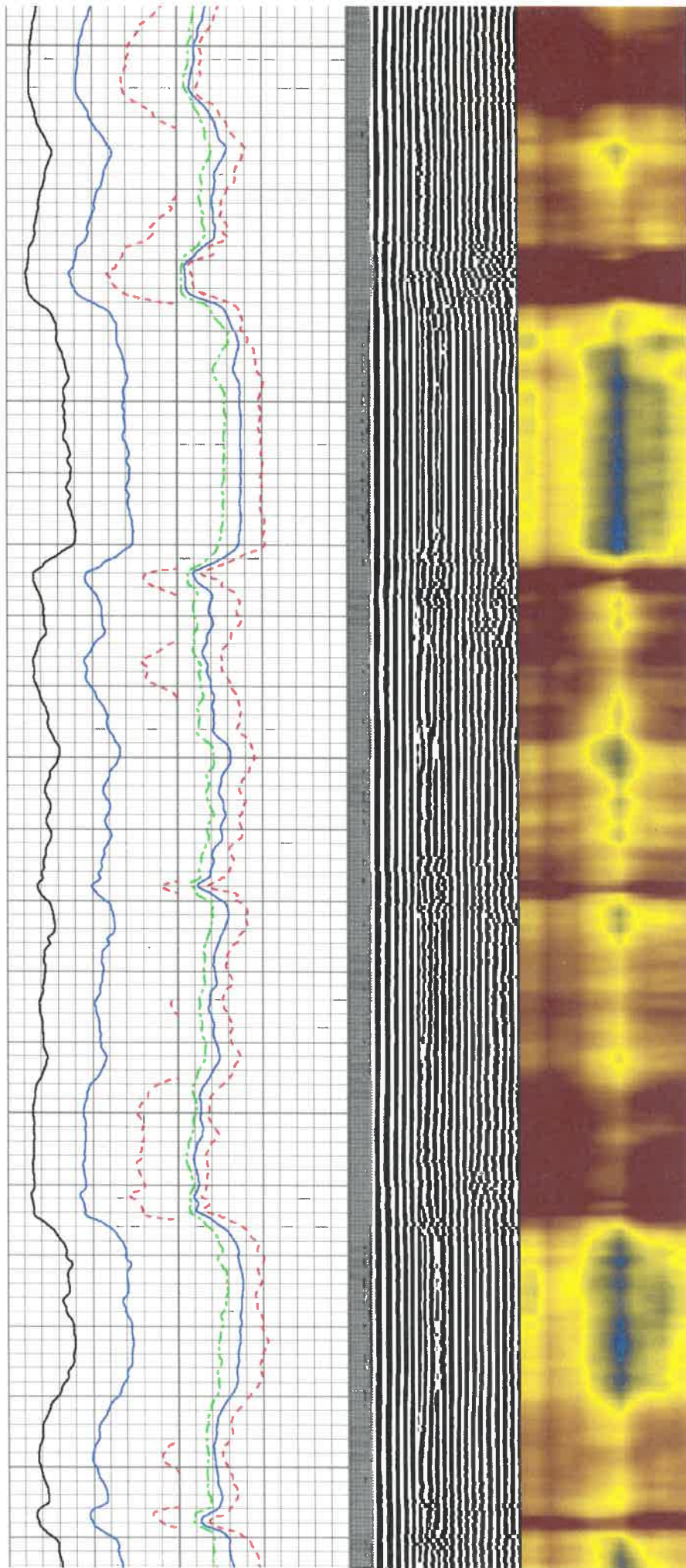


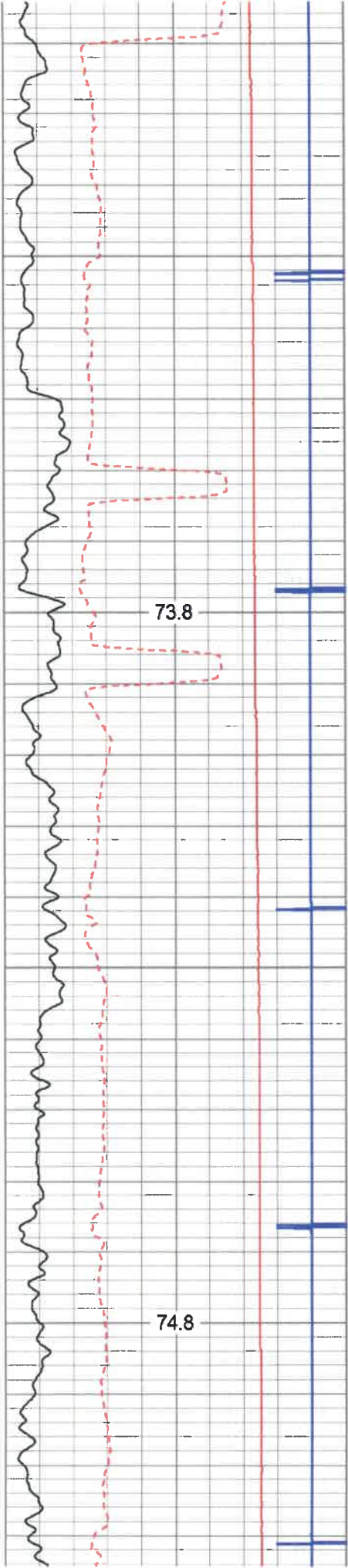


1500

1600

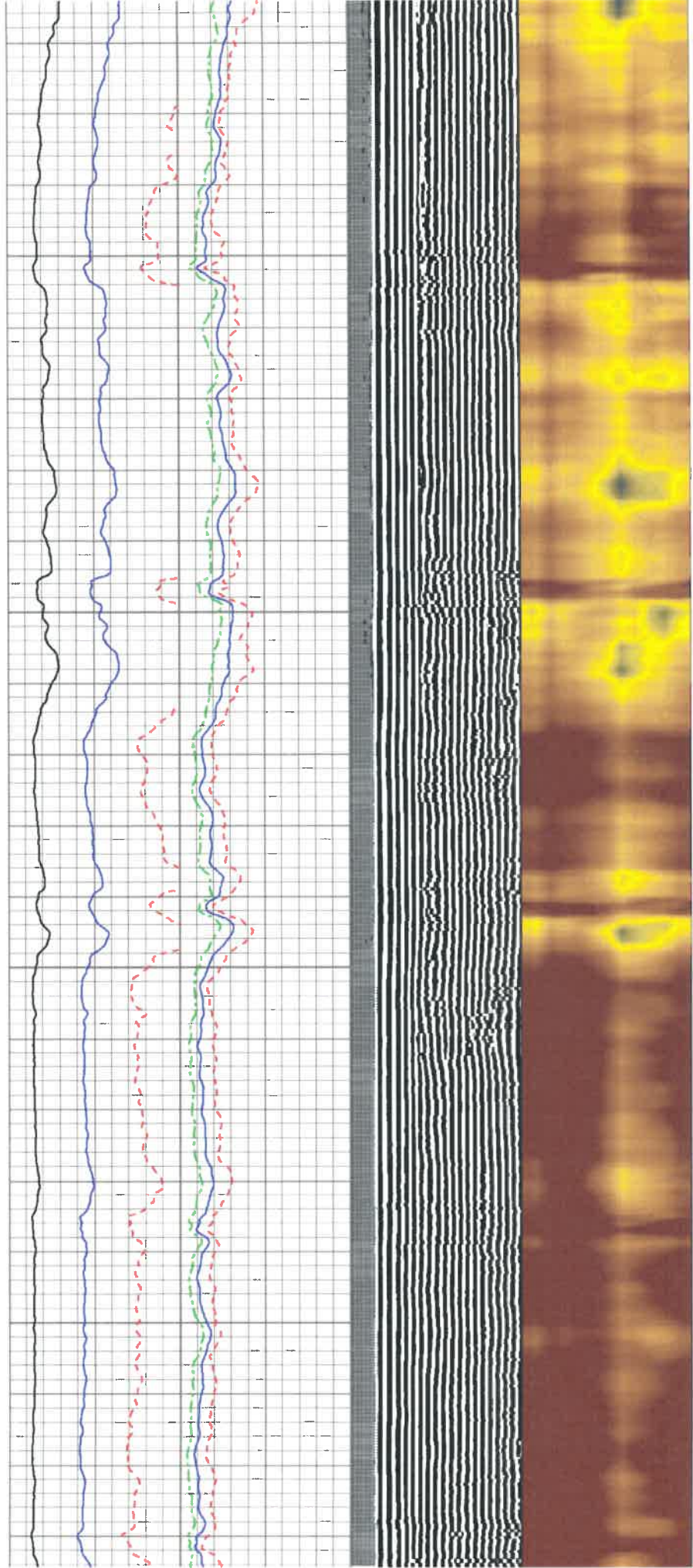
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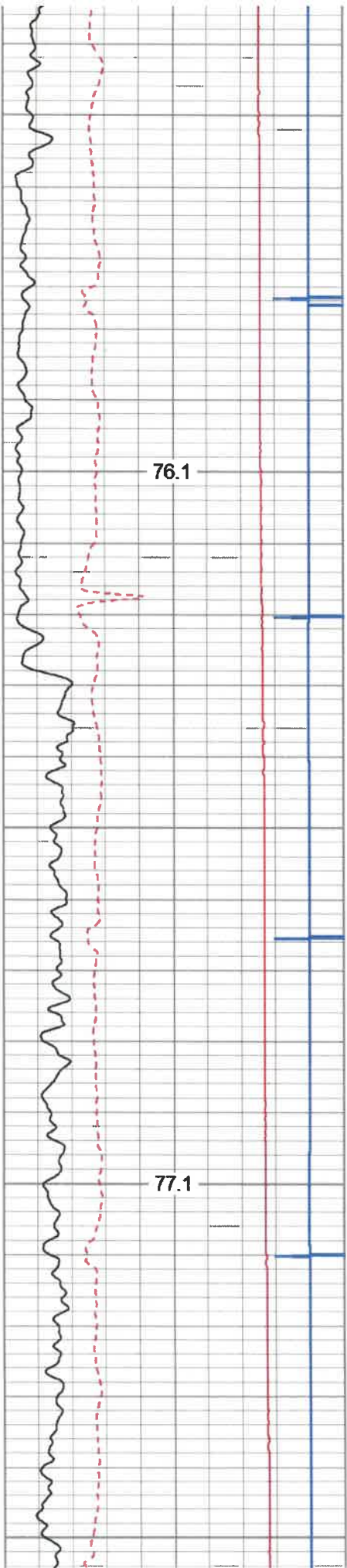




1800

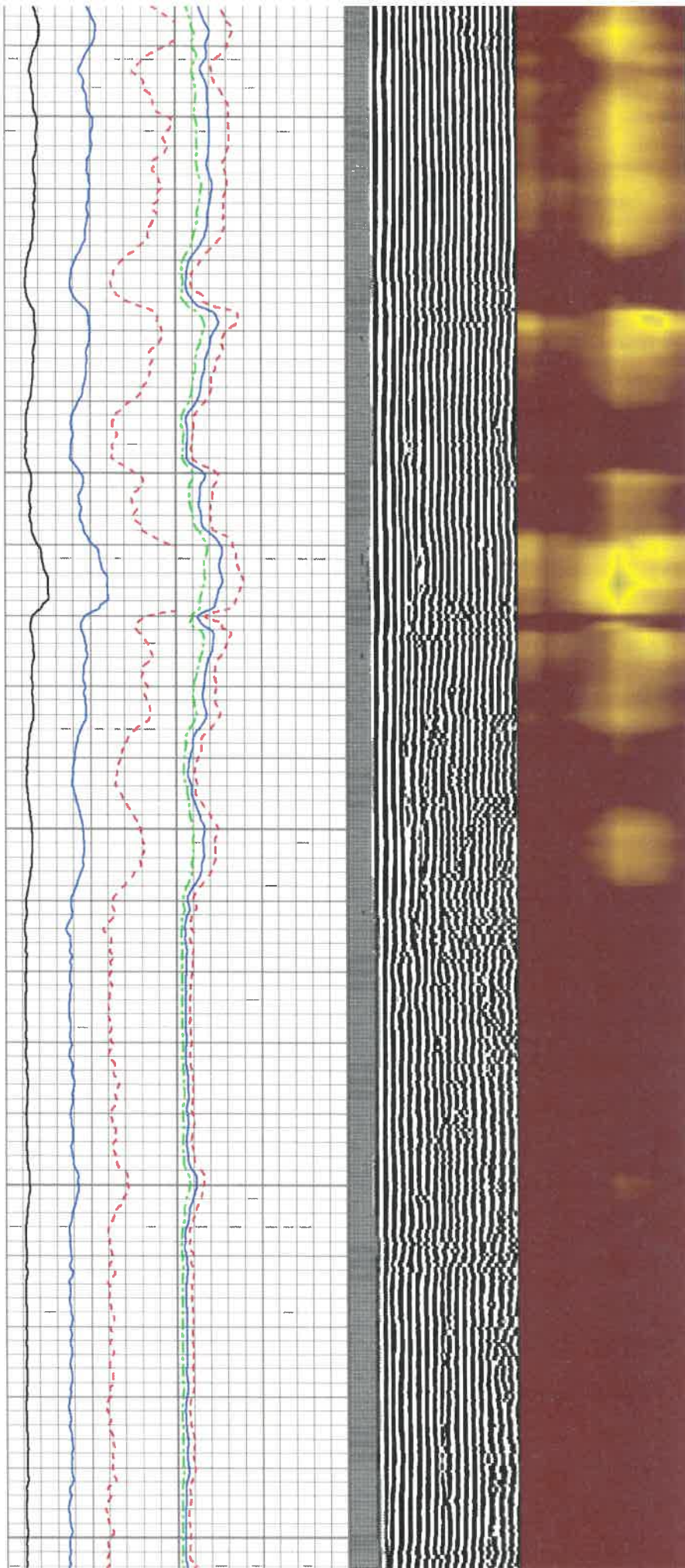
1900

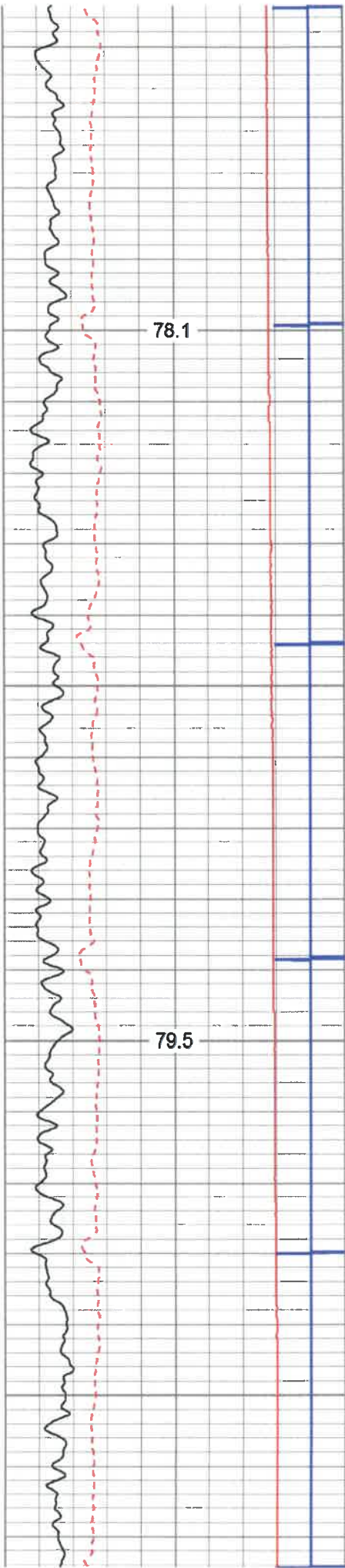




2000

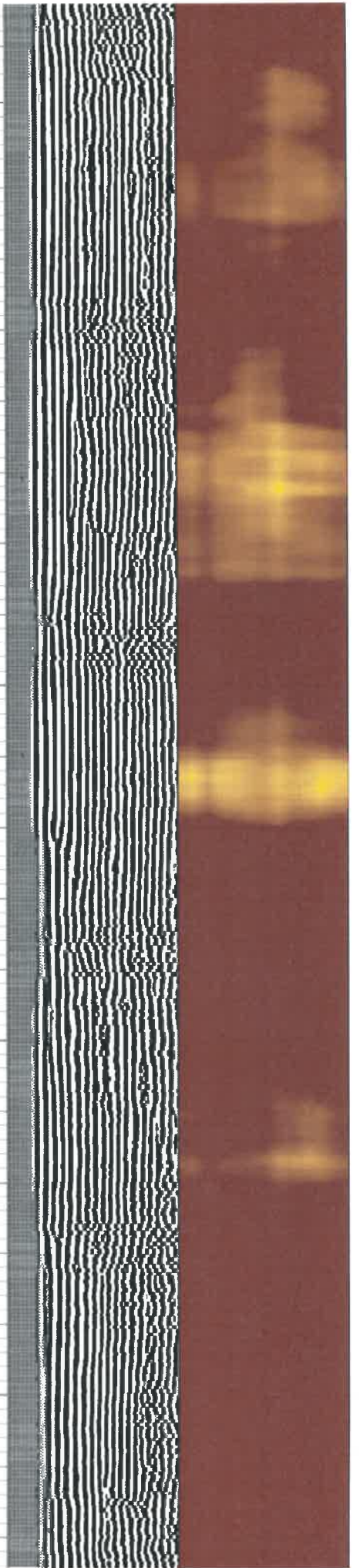
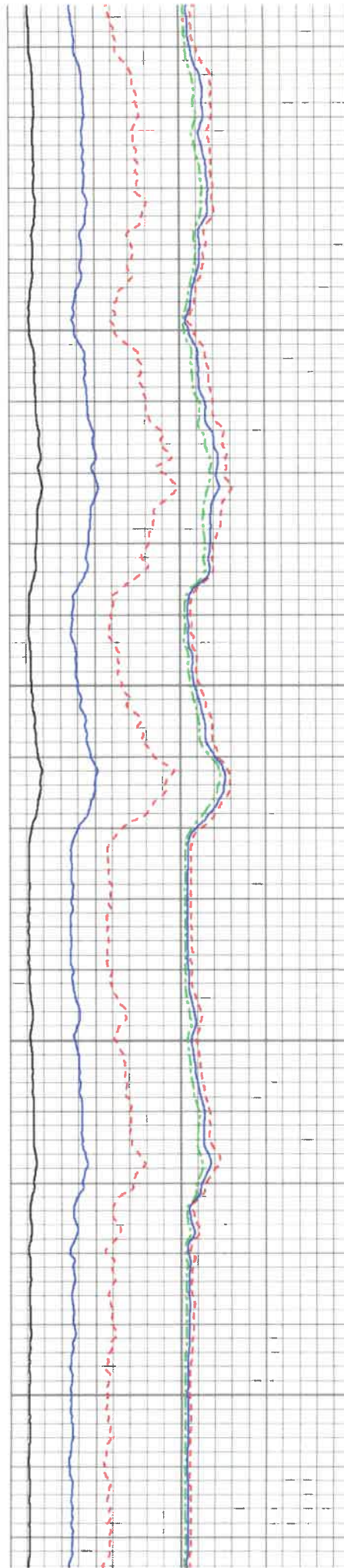
2100

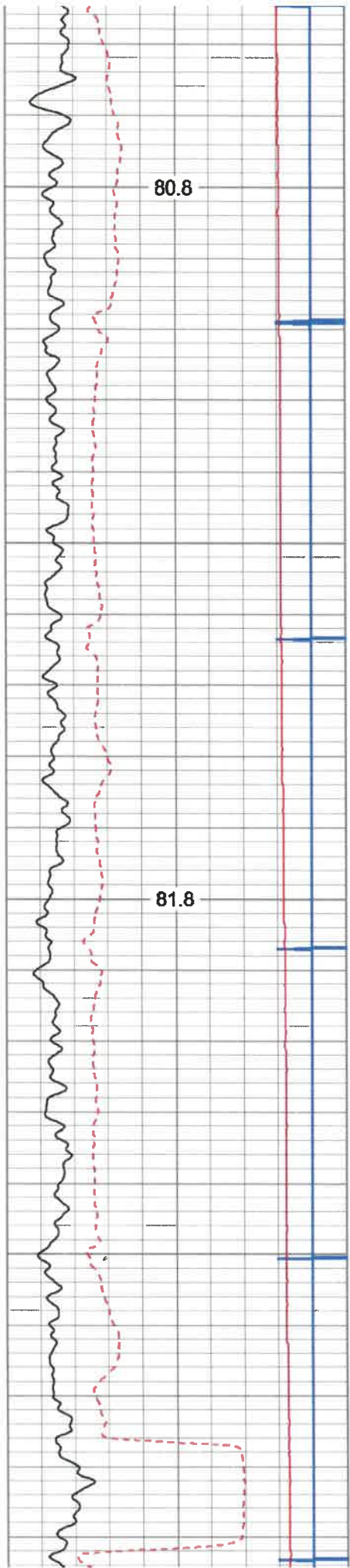




2200

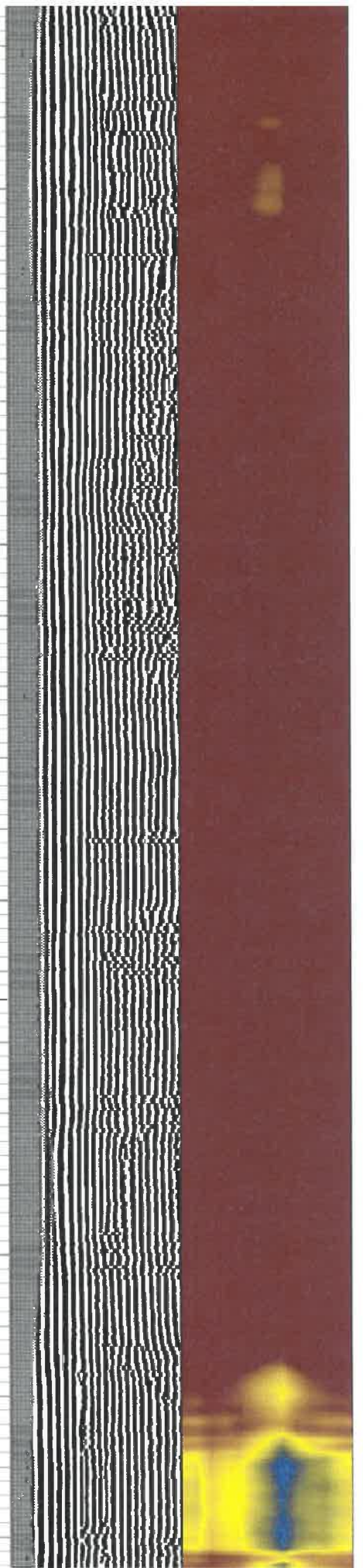
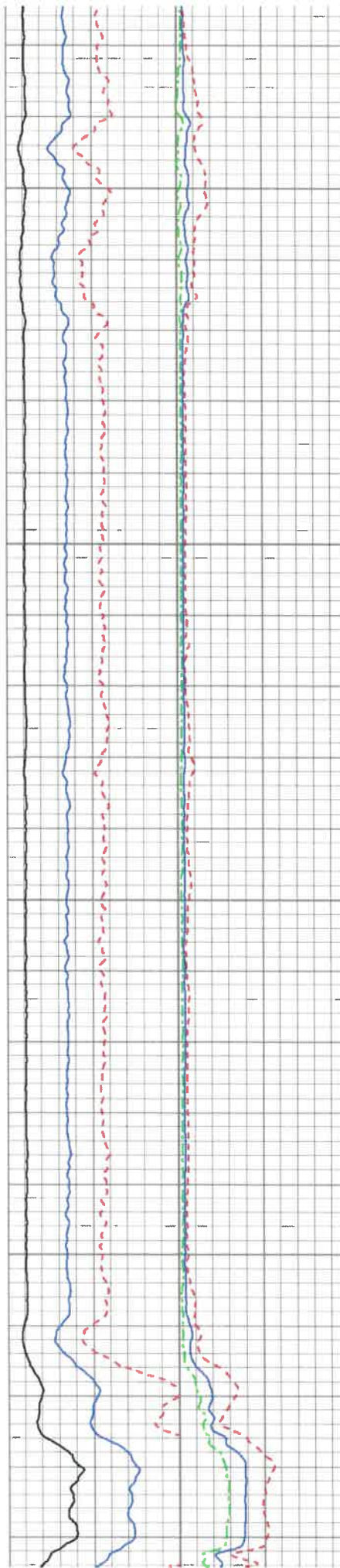
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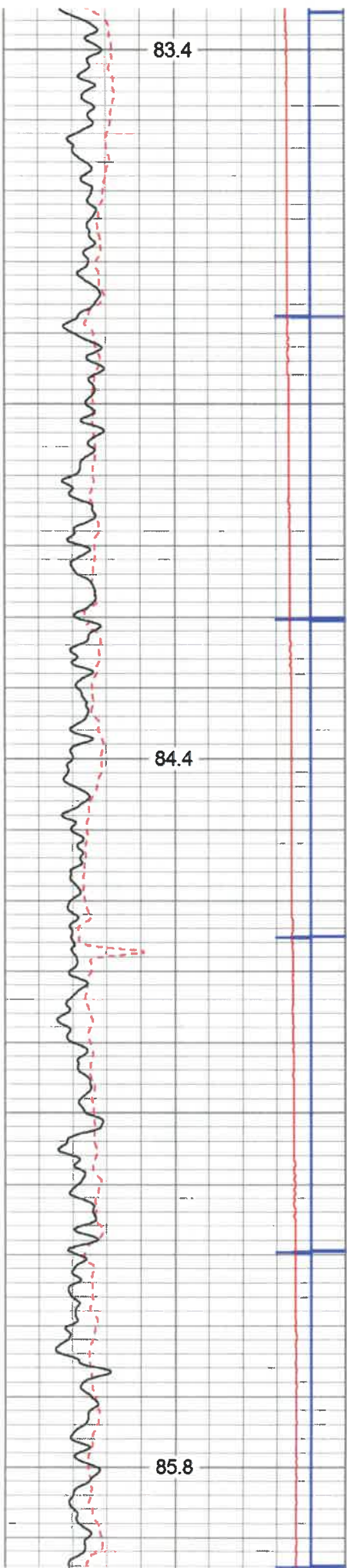




2400

2500

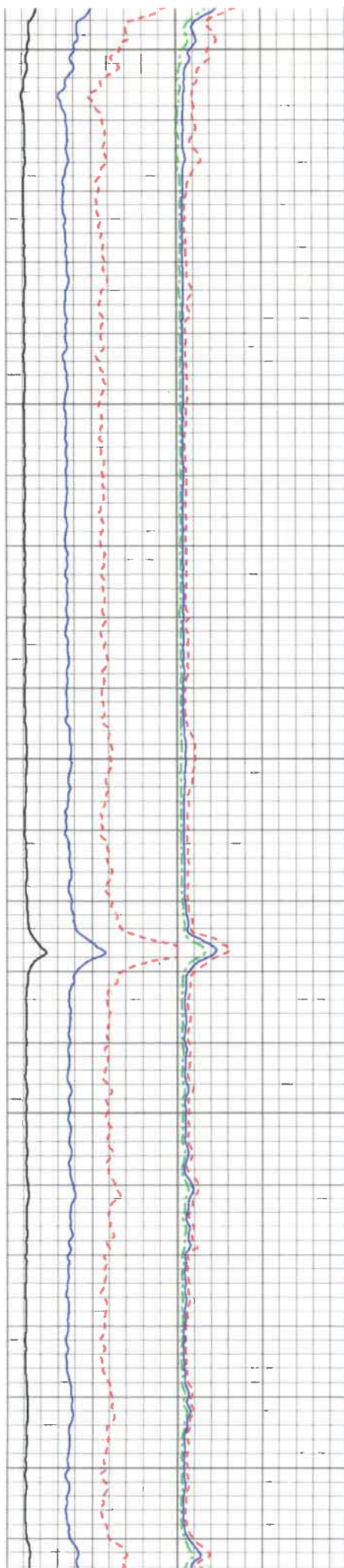


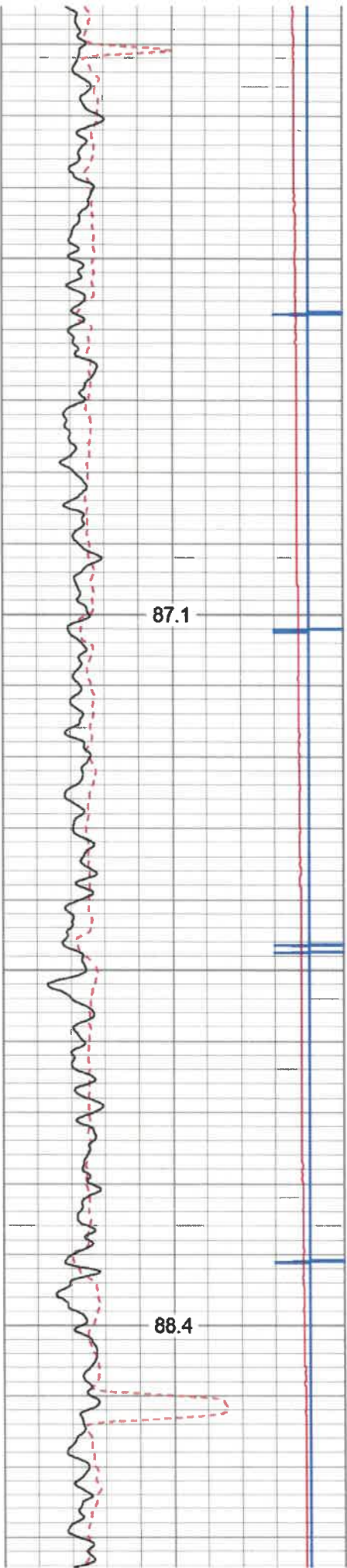


2600

2700

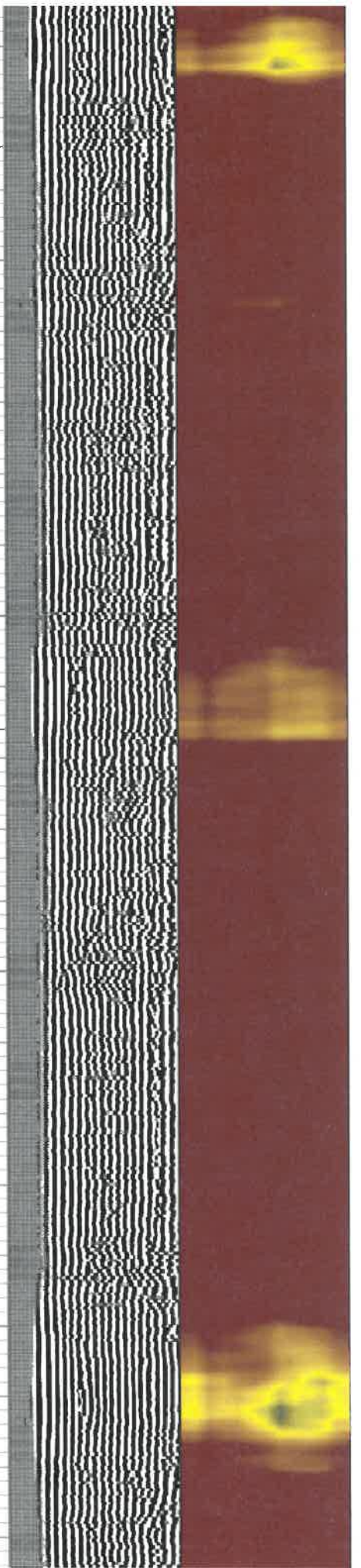
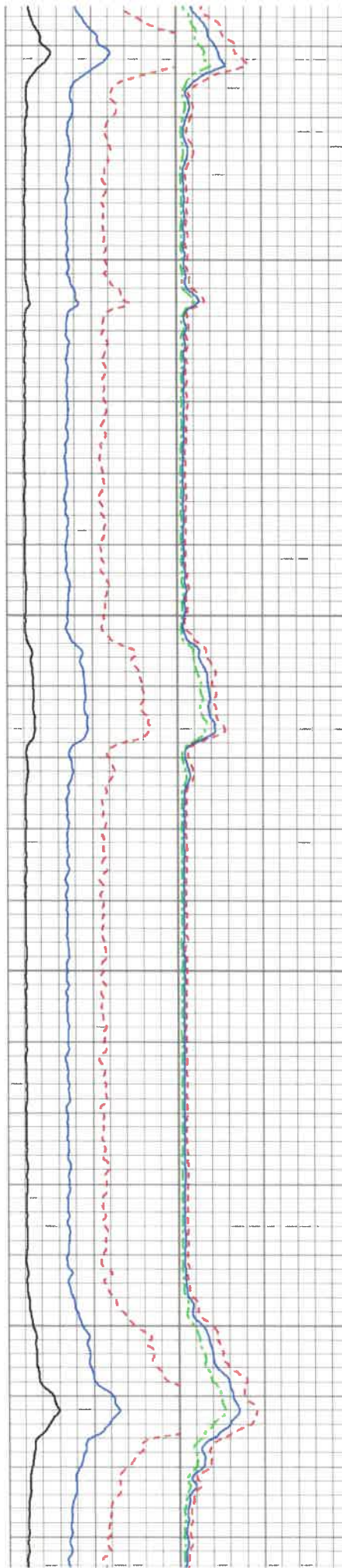
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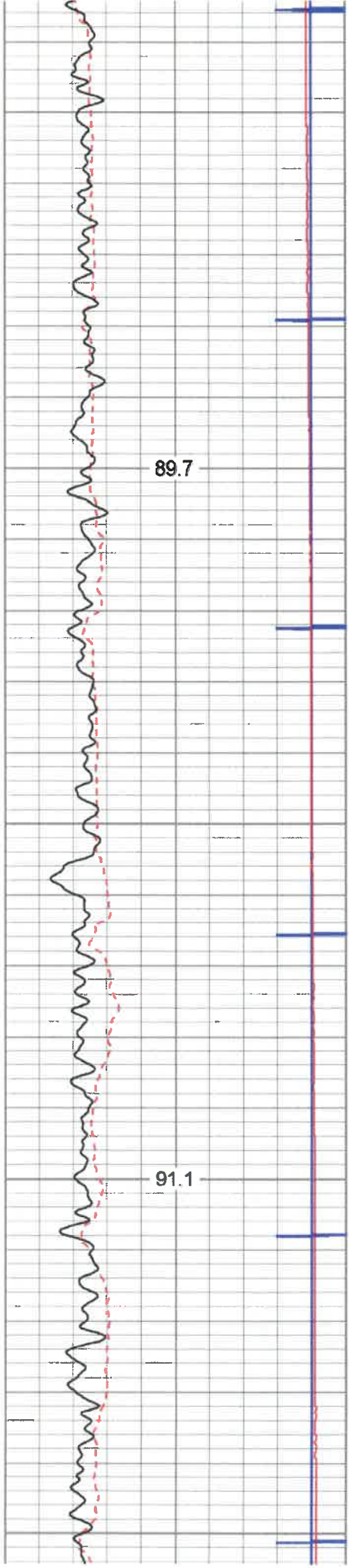




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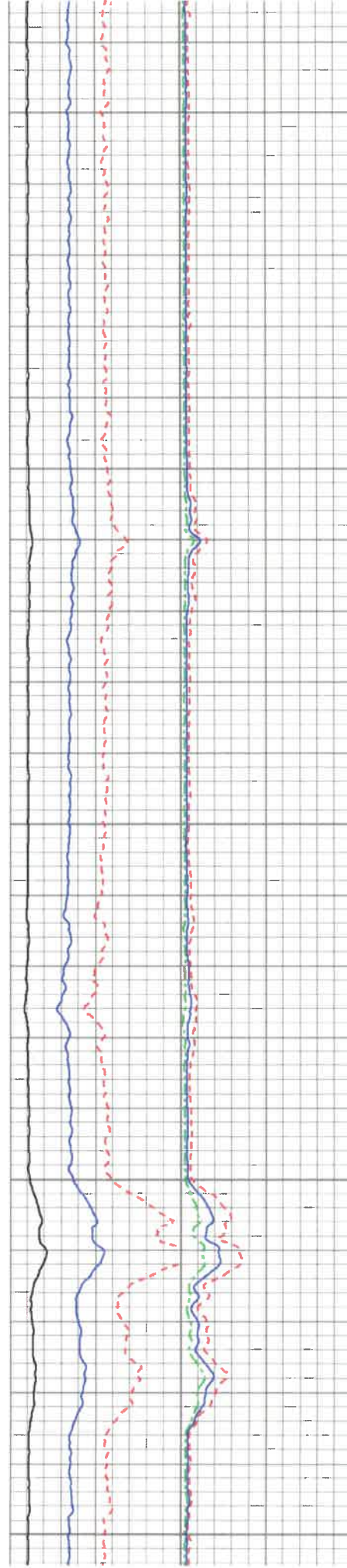
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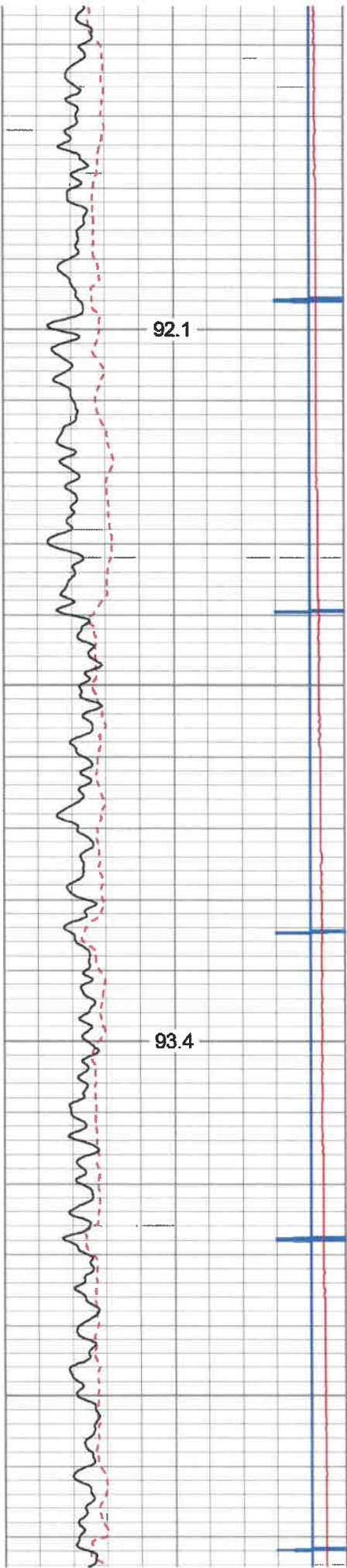




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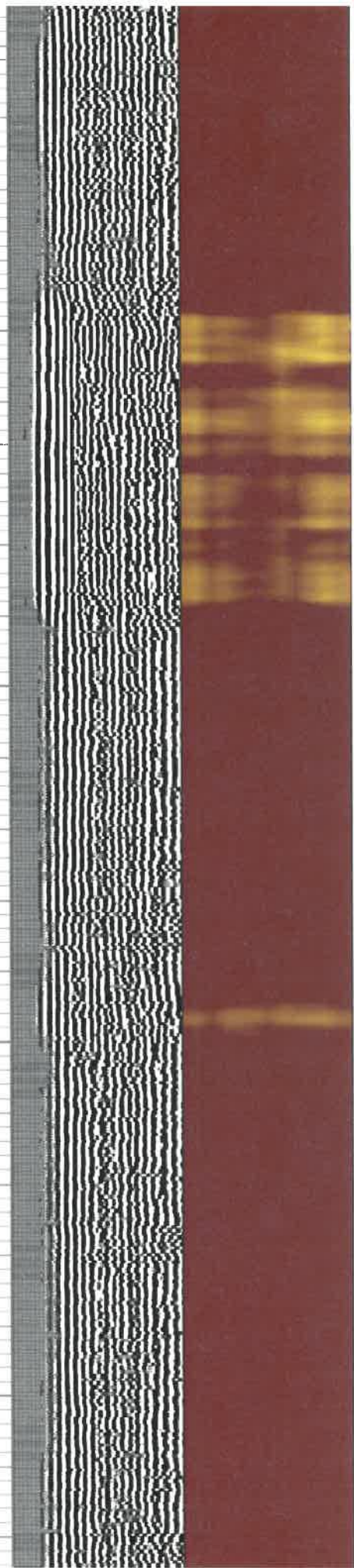
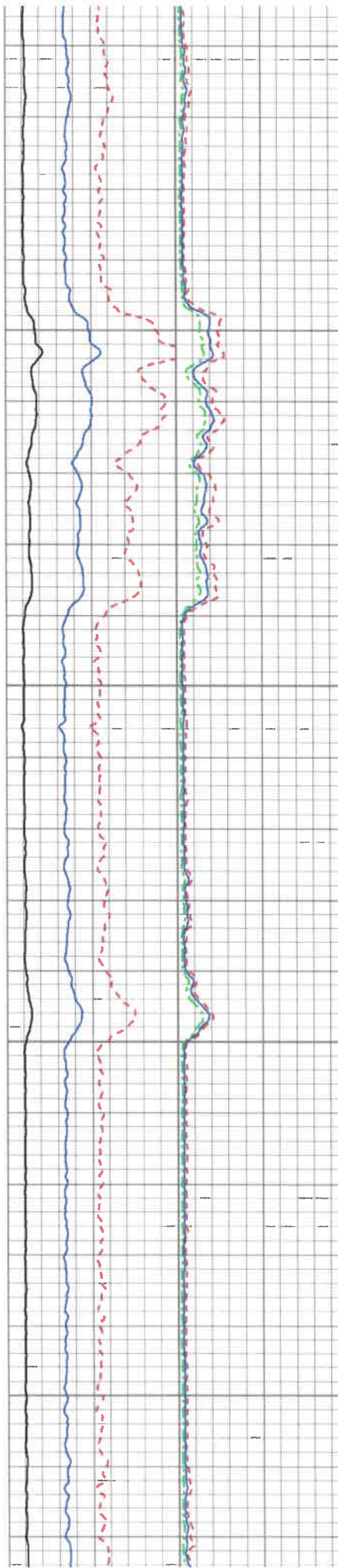
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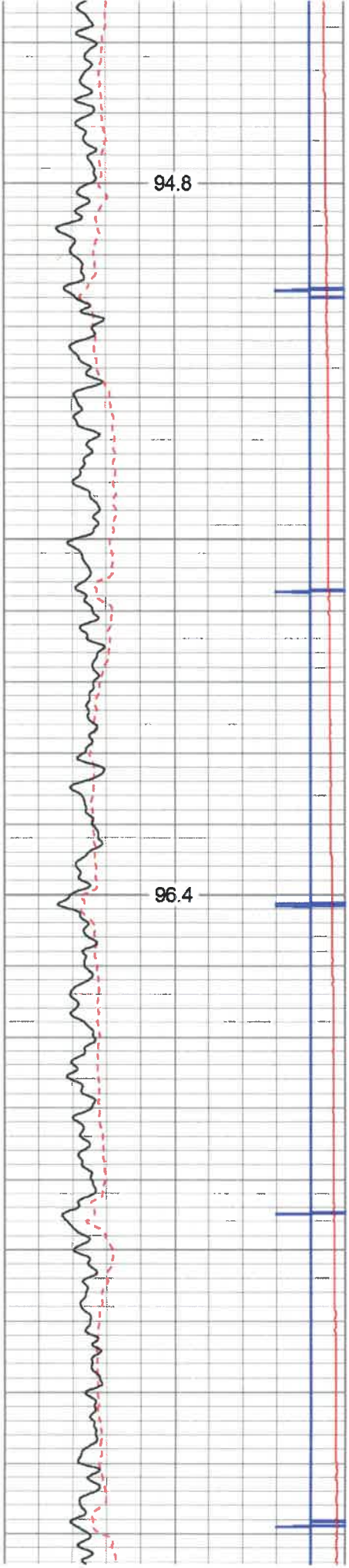




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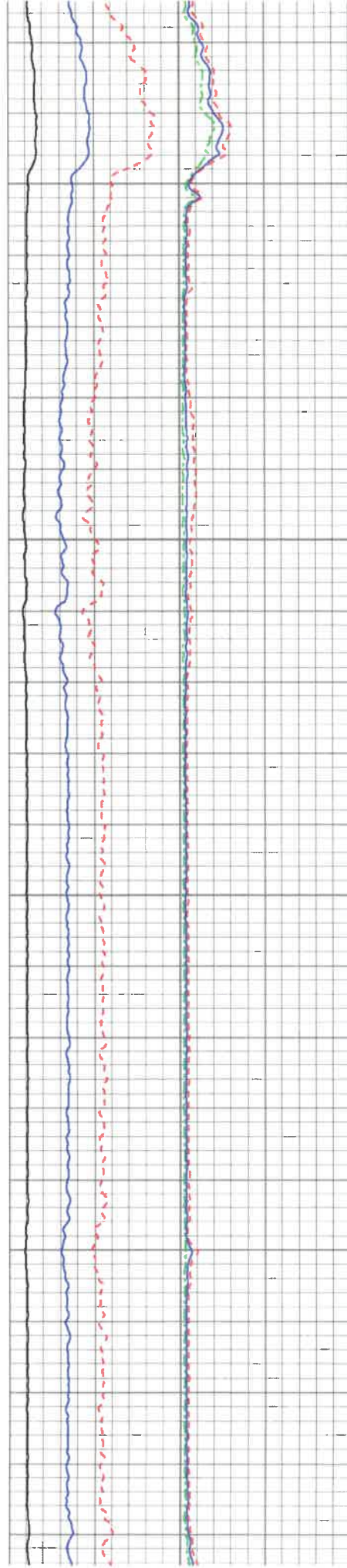
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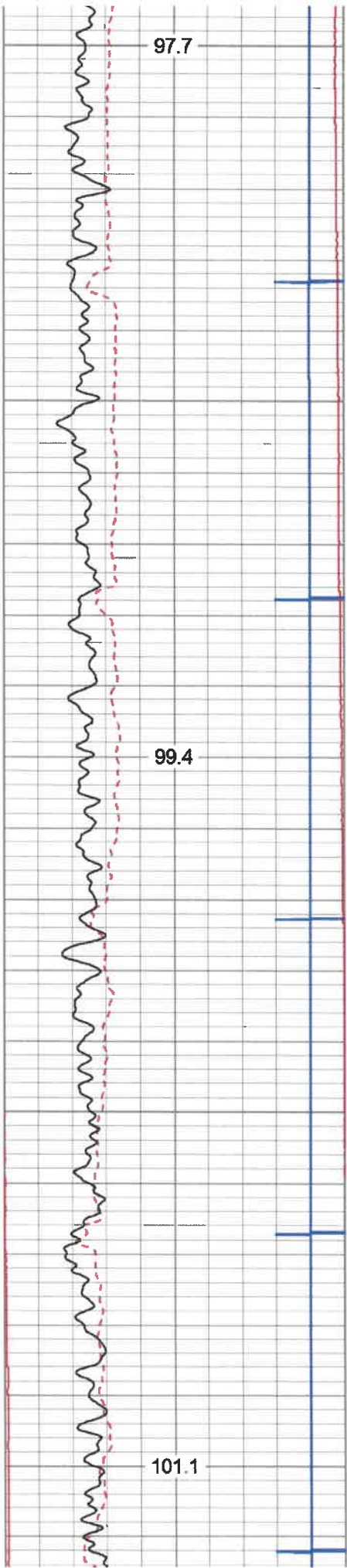




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3600

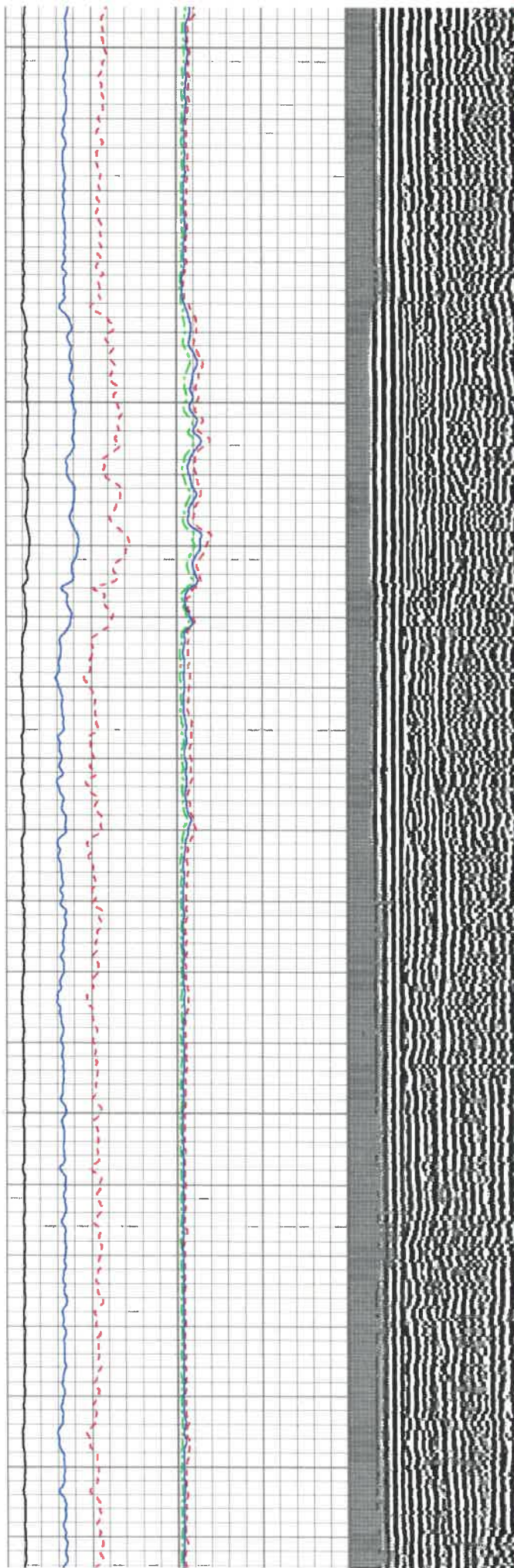


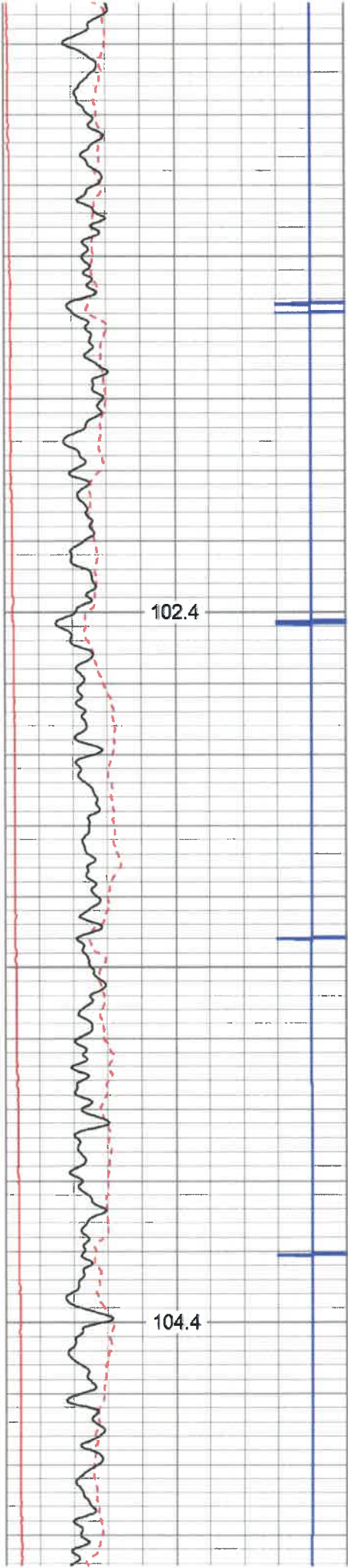


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3800

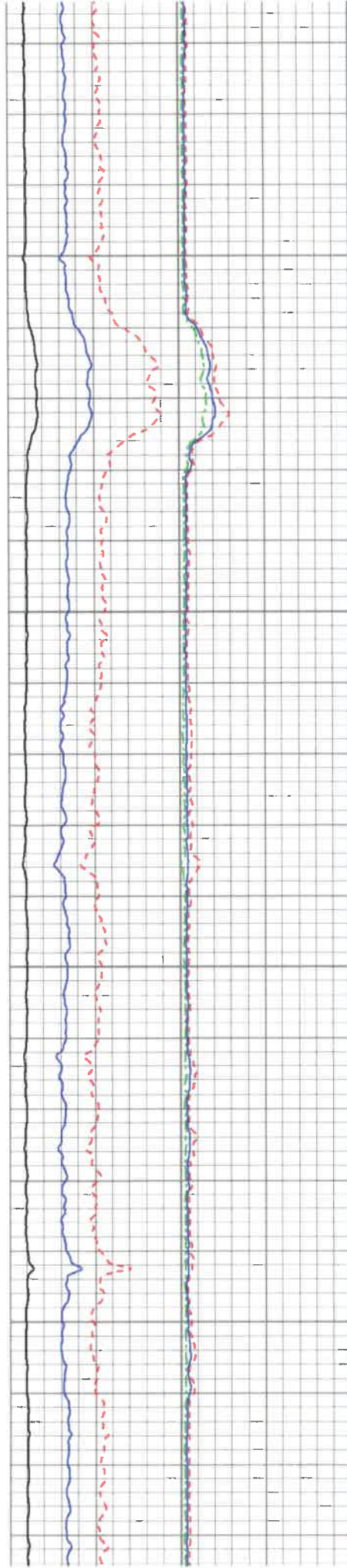
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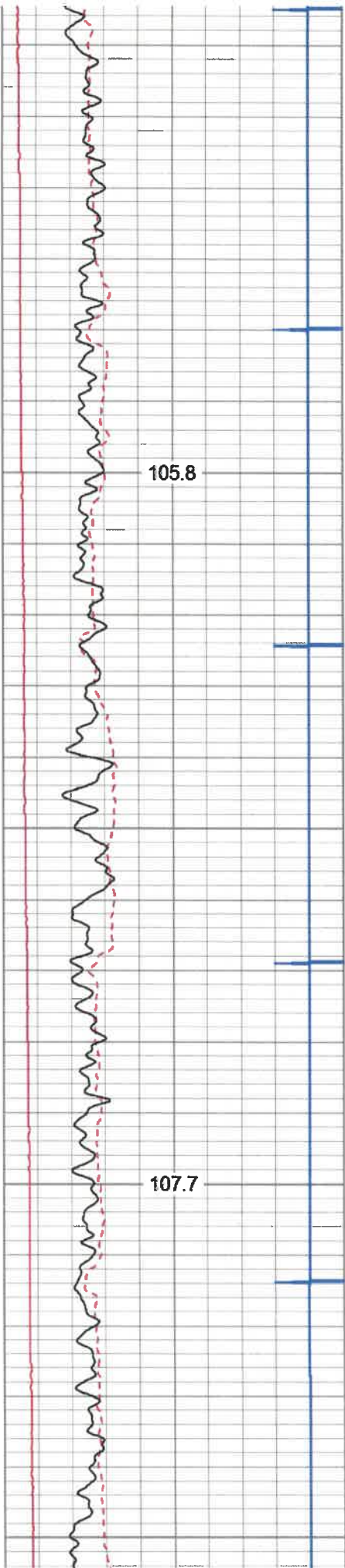




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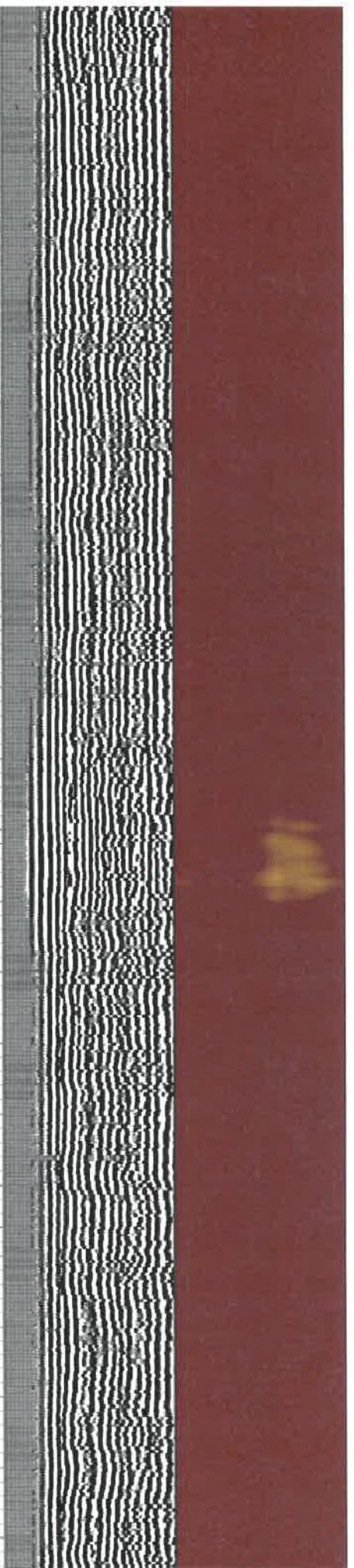
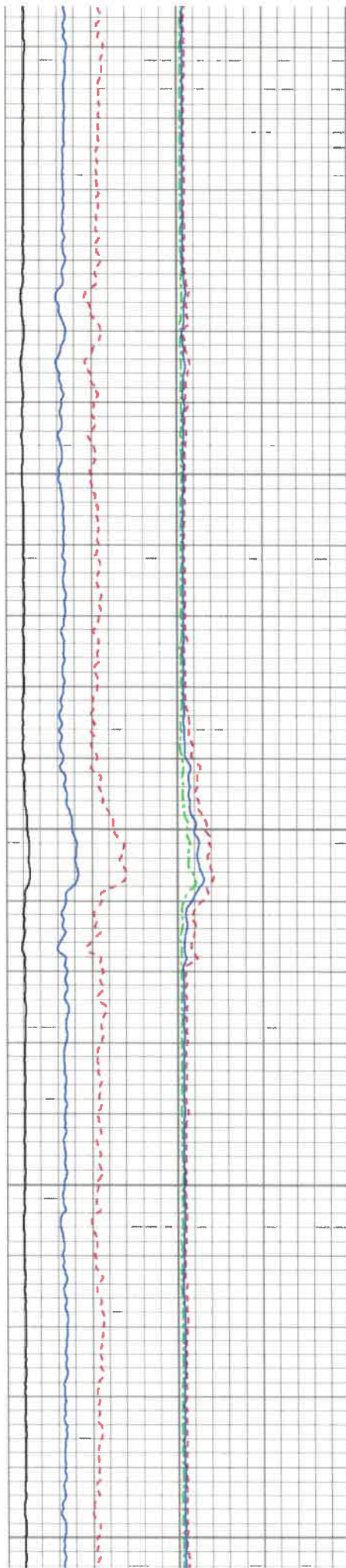
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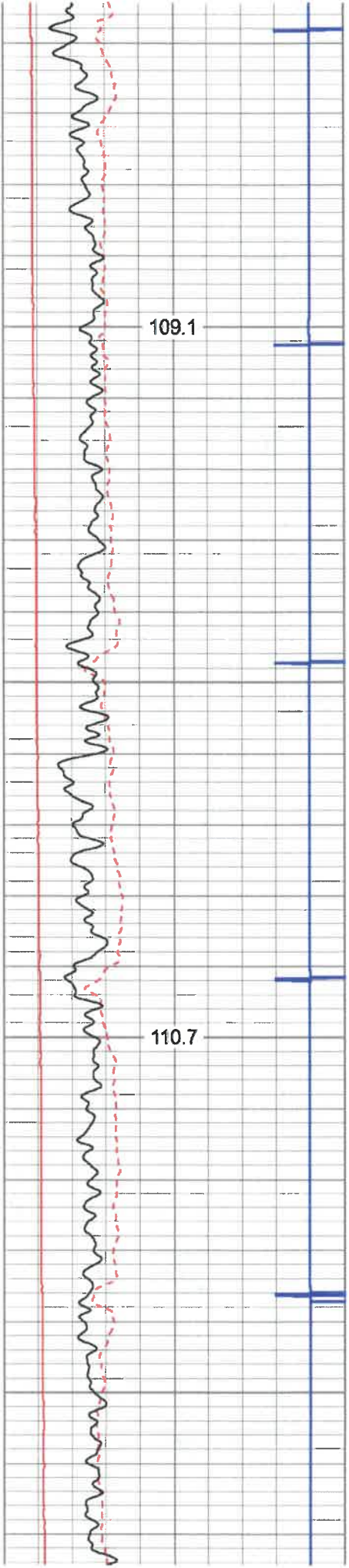




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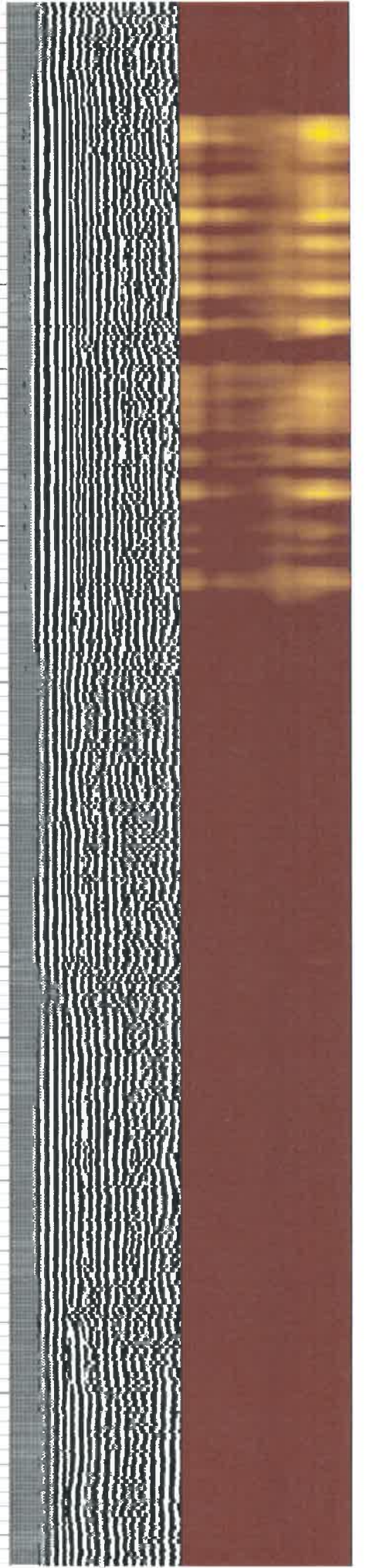
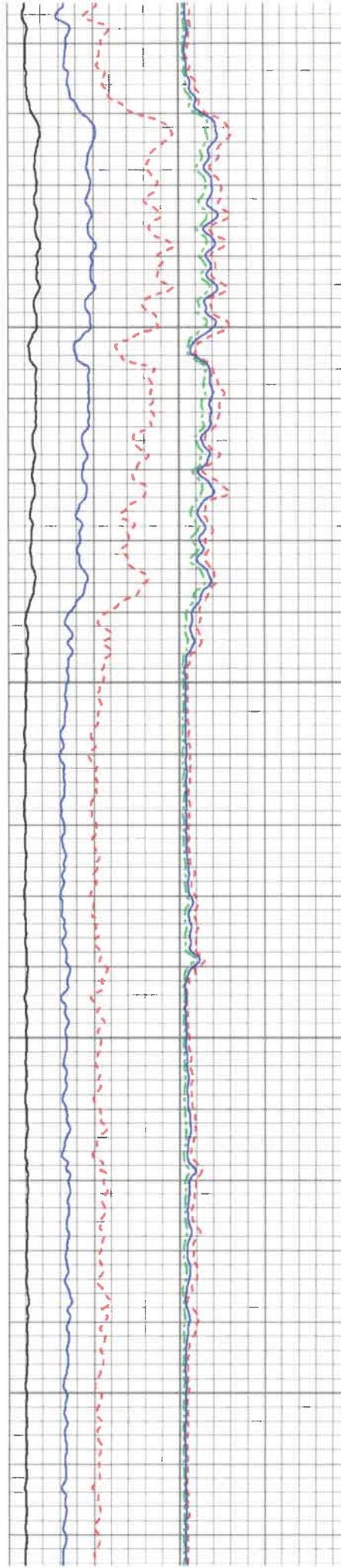
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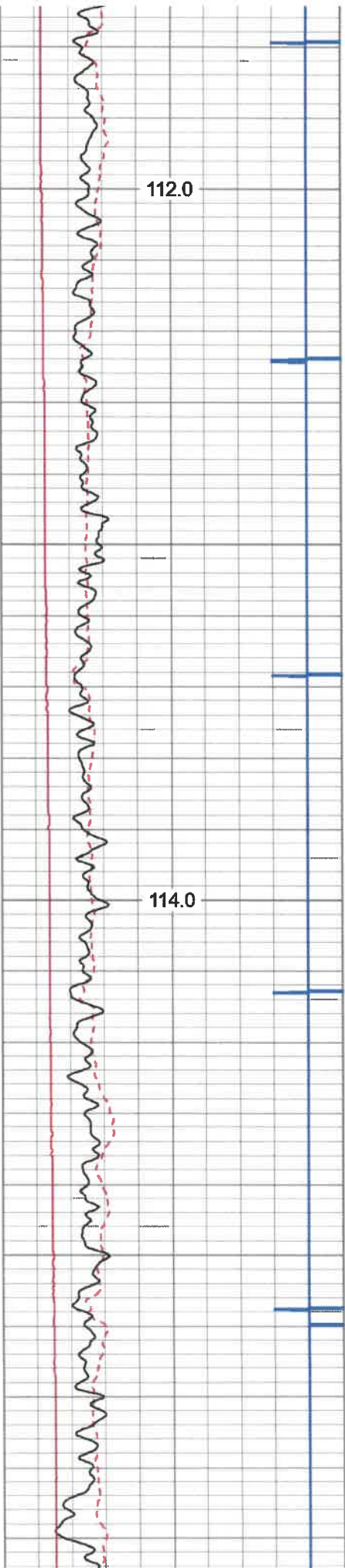




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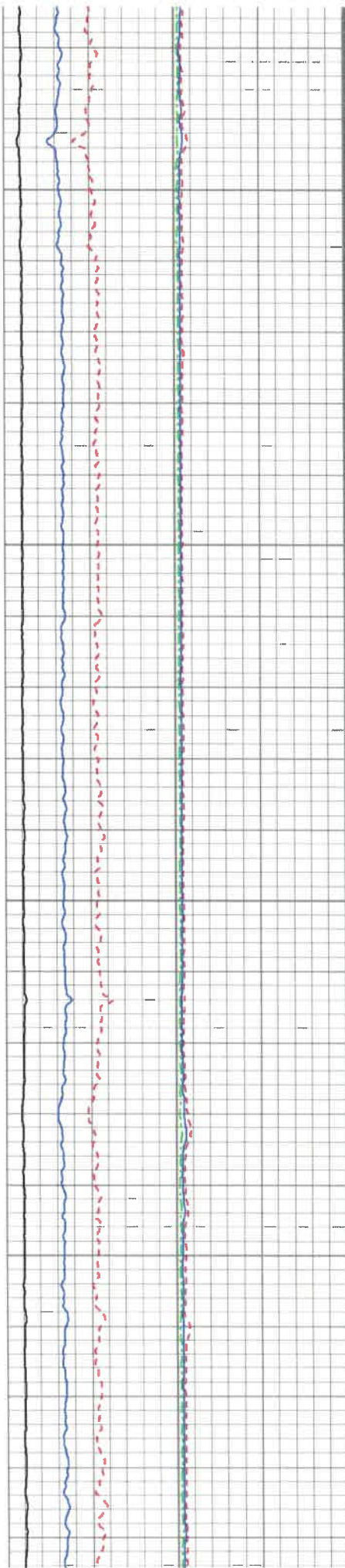
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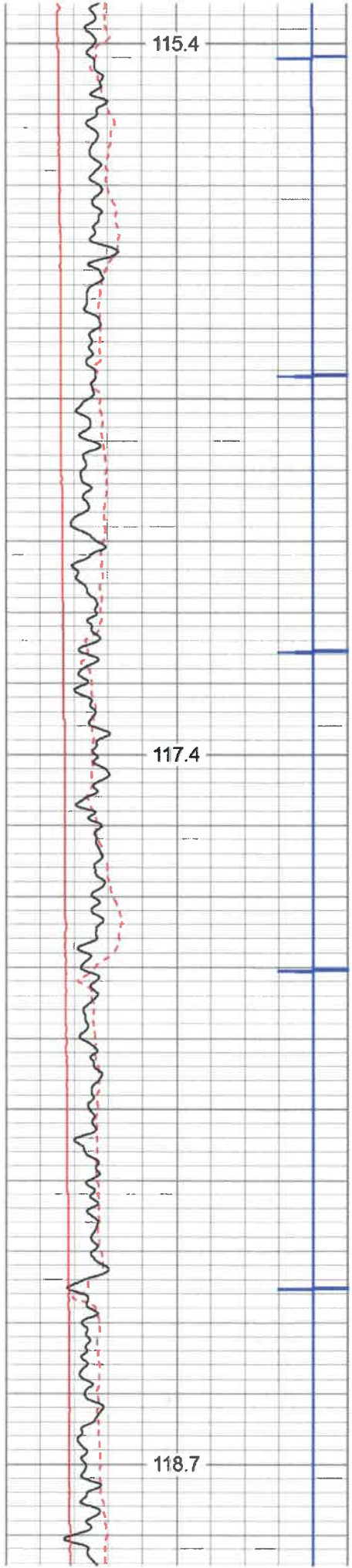




4600

4700

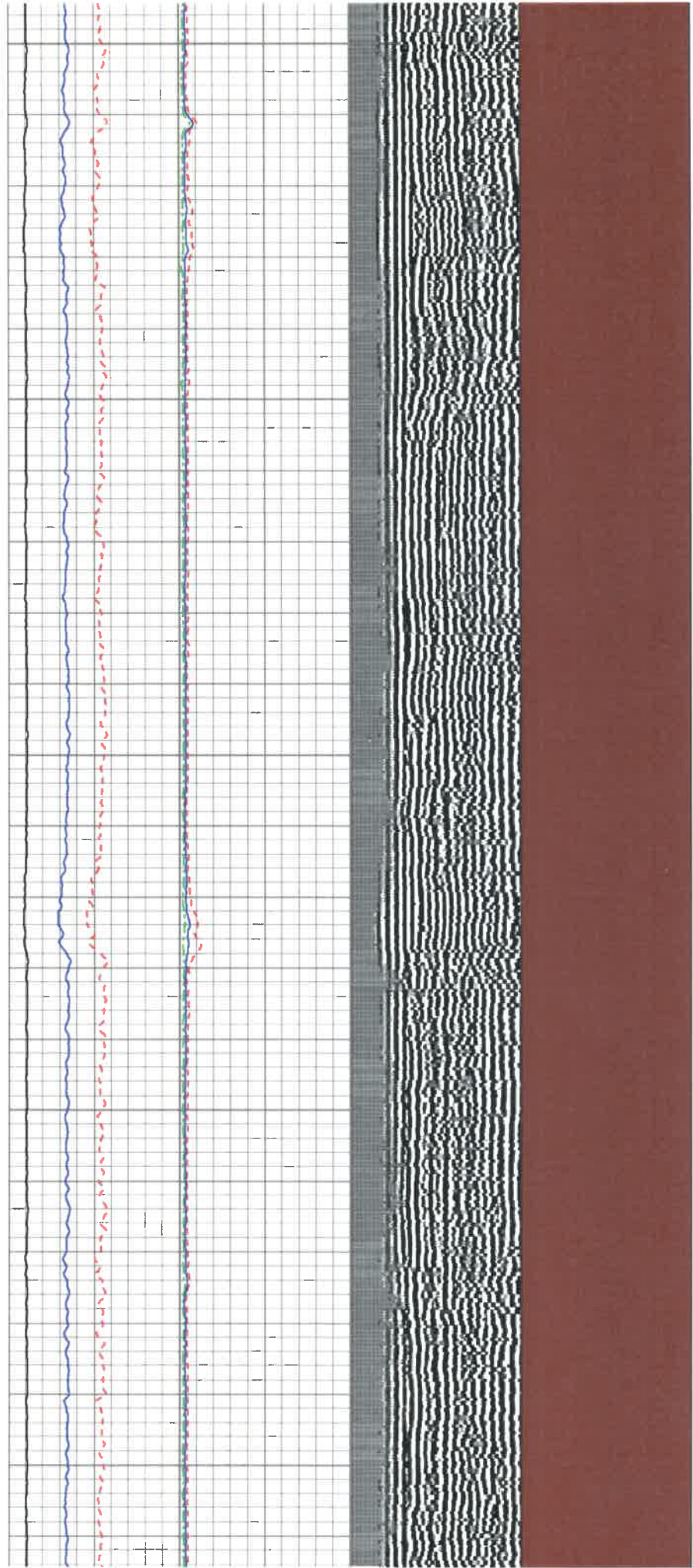


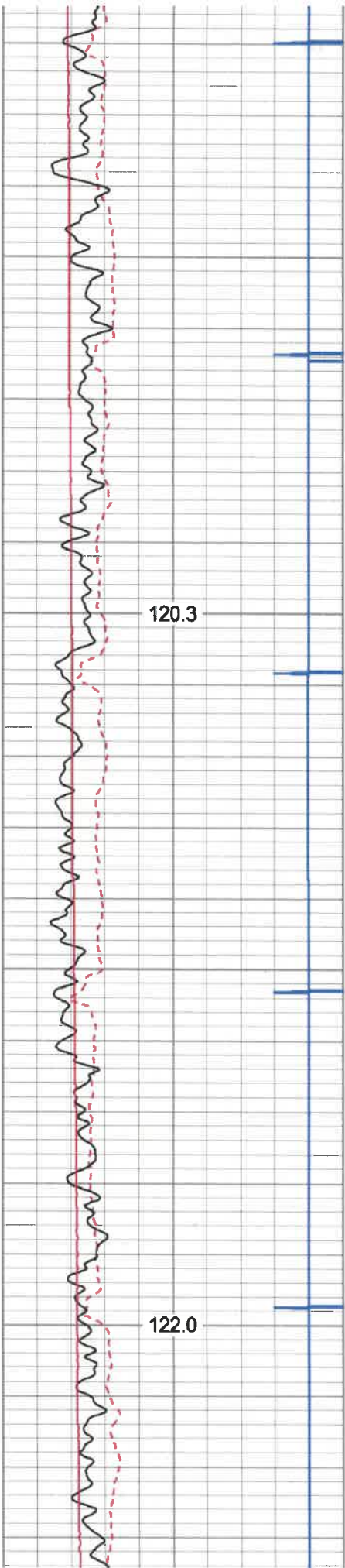


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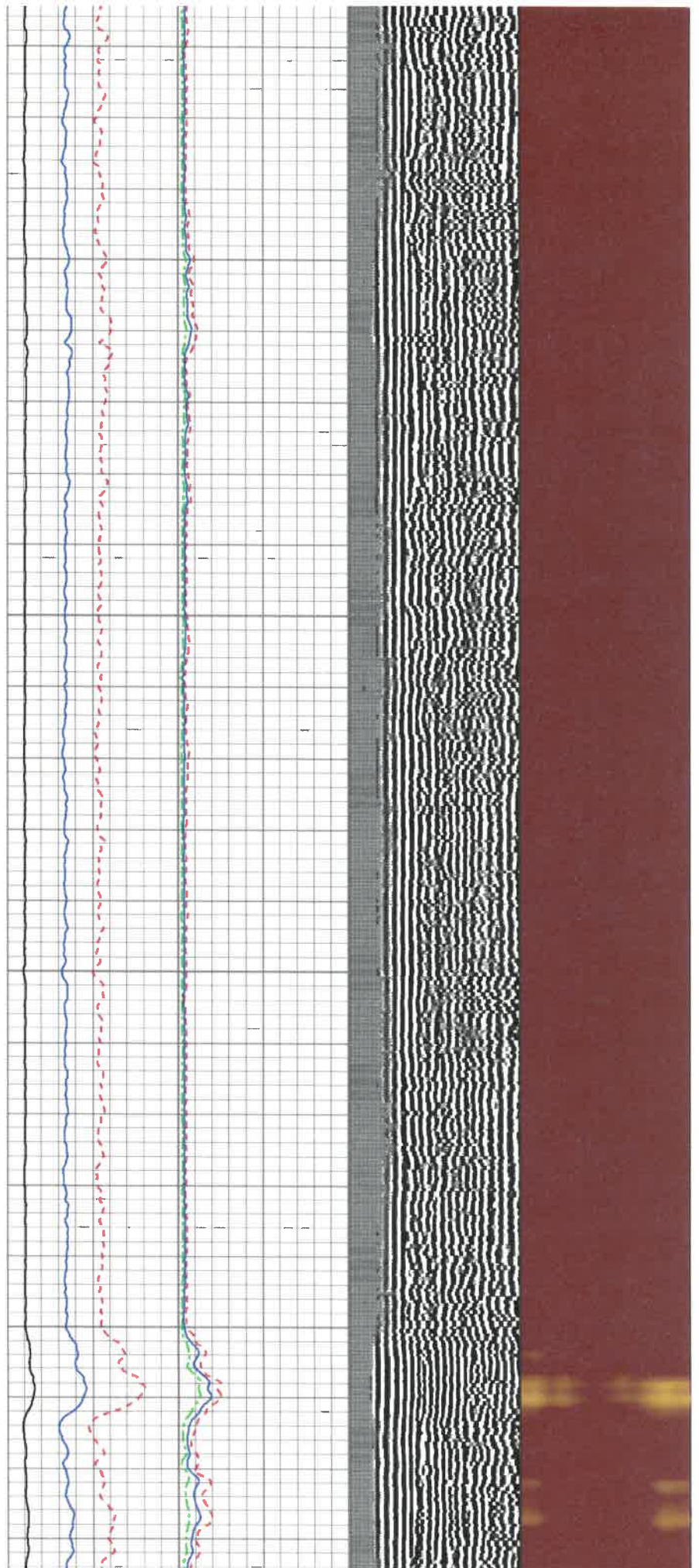
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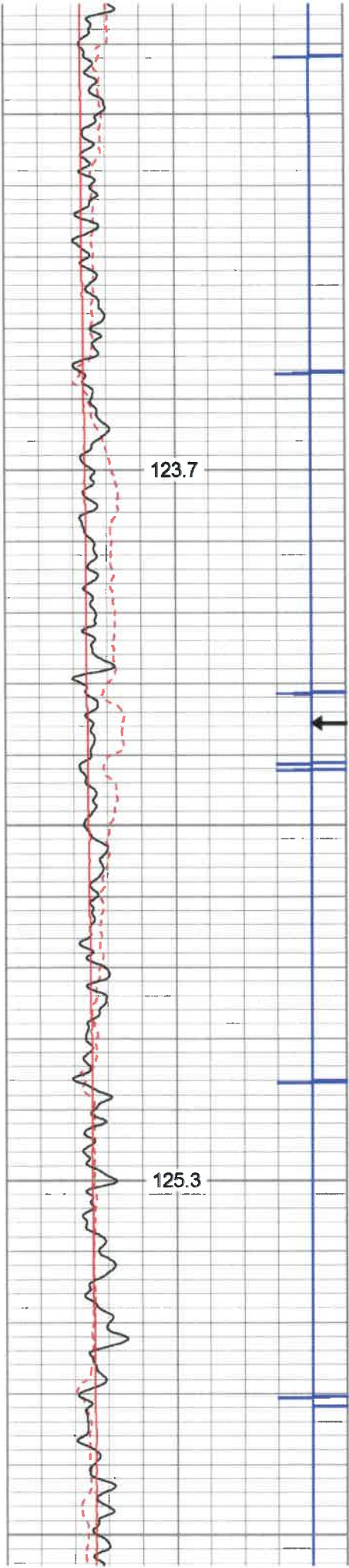




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5200

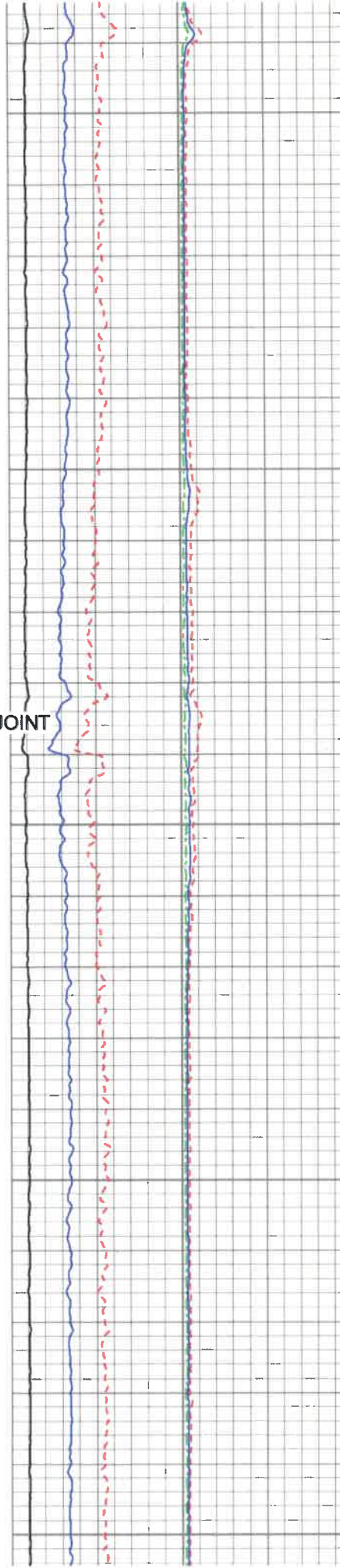


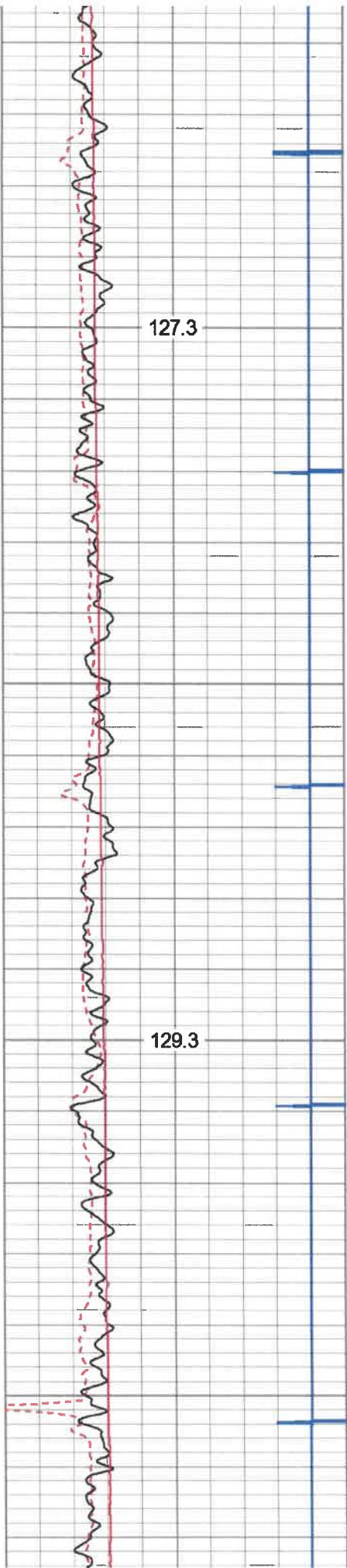


5300

← MARKER JOINT

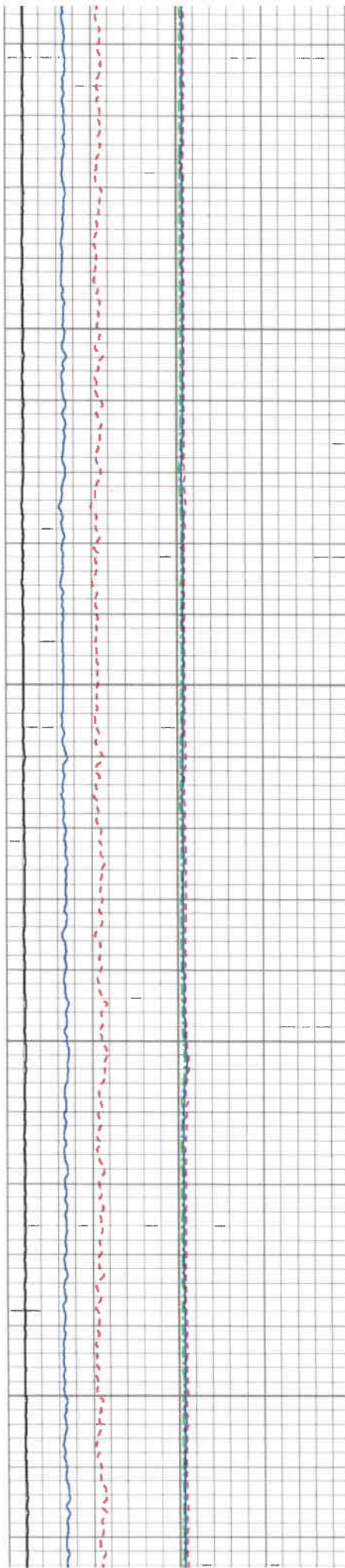
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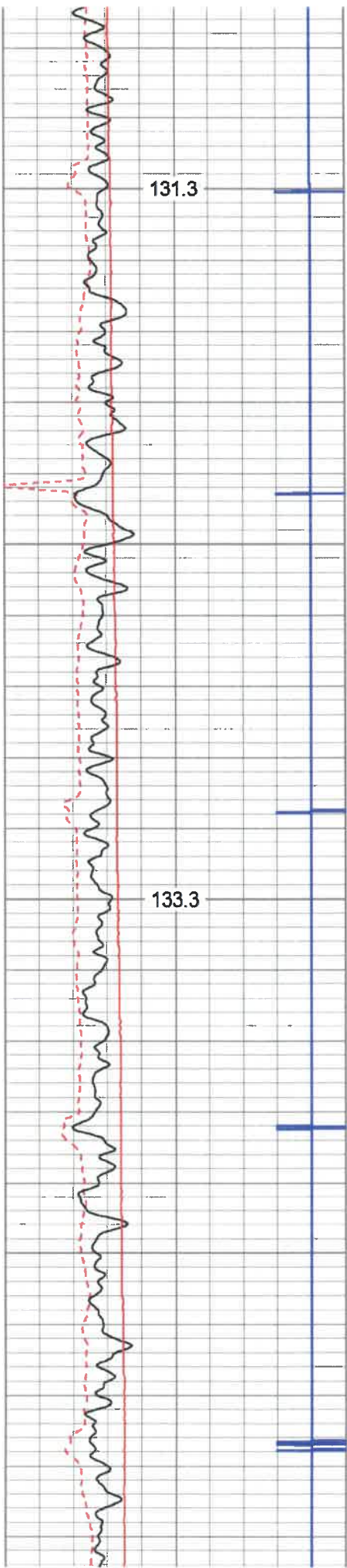




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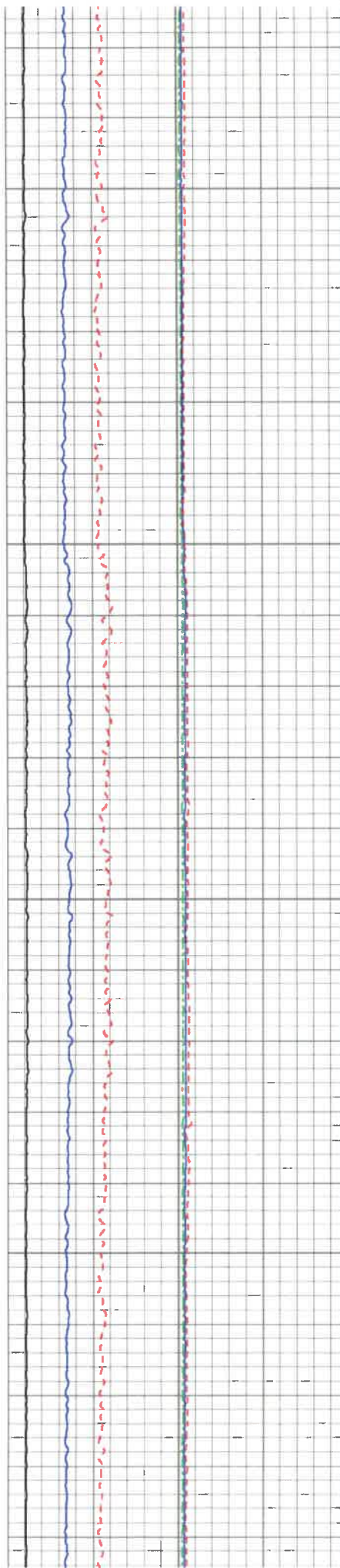
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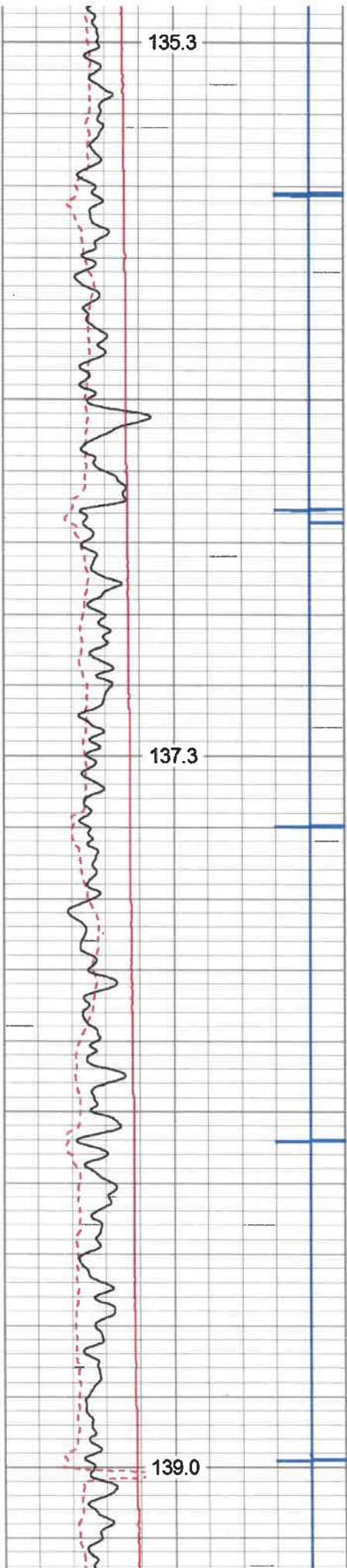




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5800

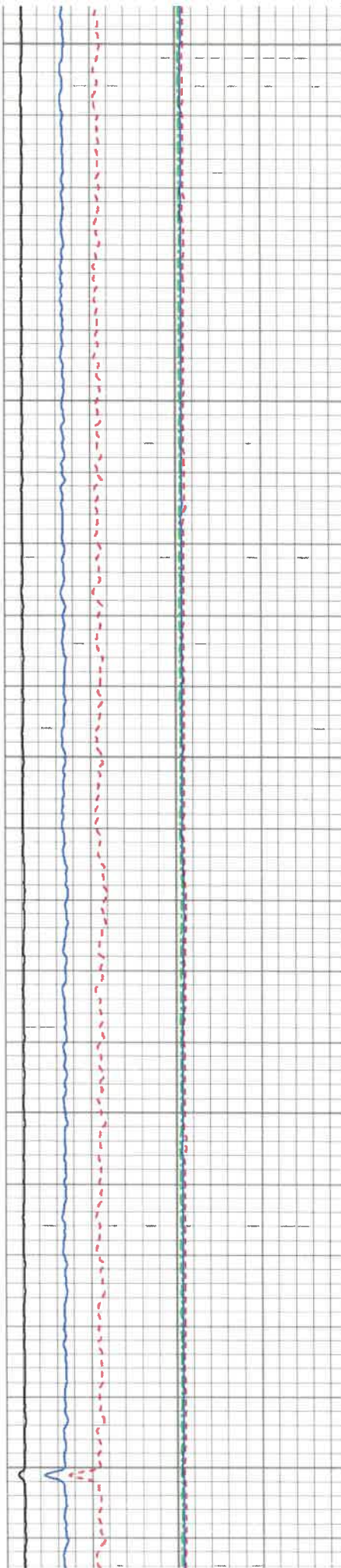


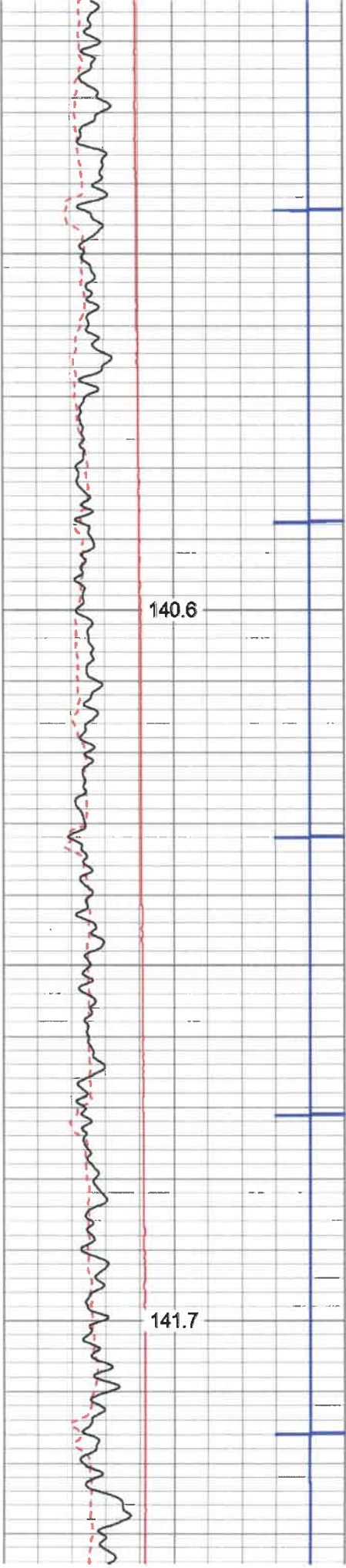


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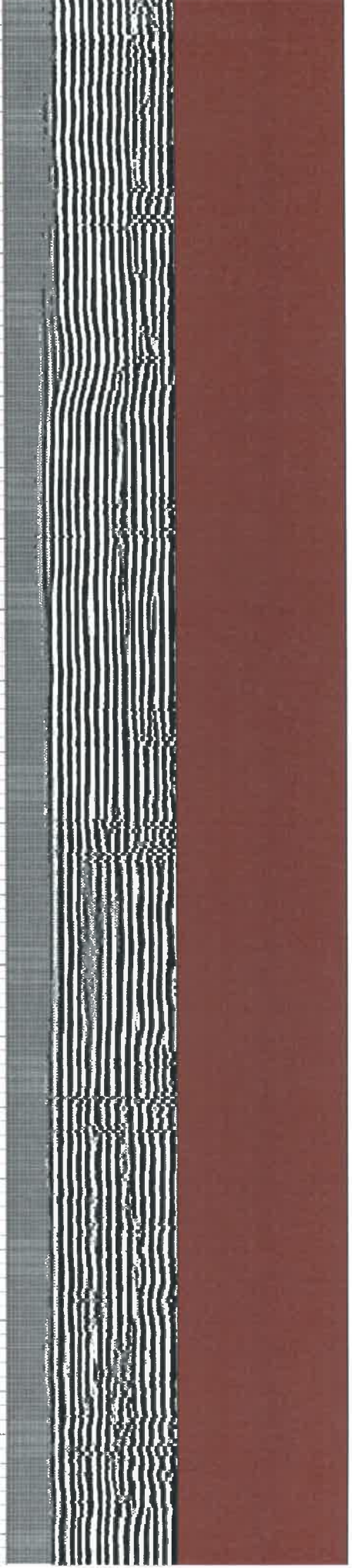
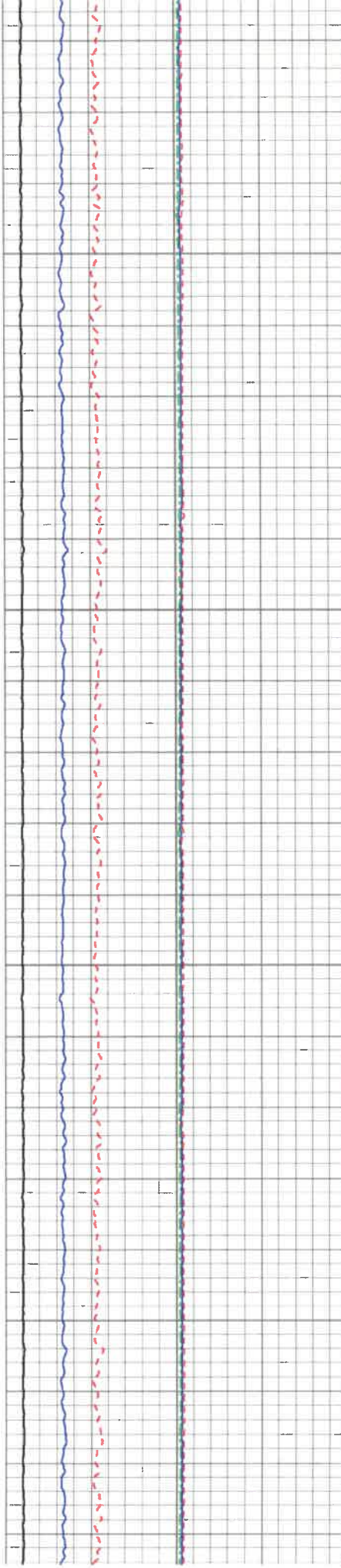
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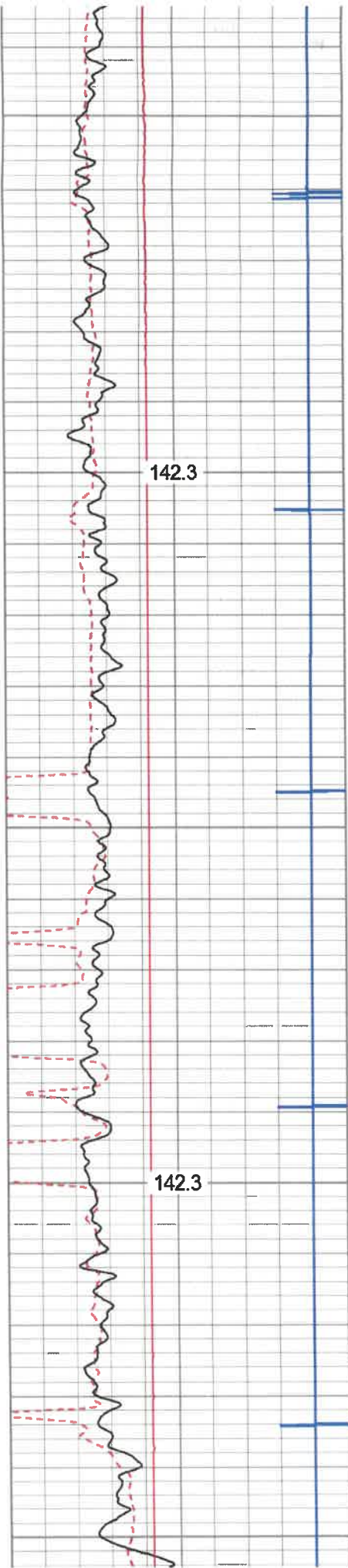




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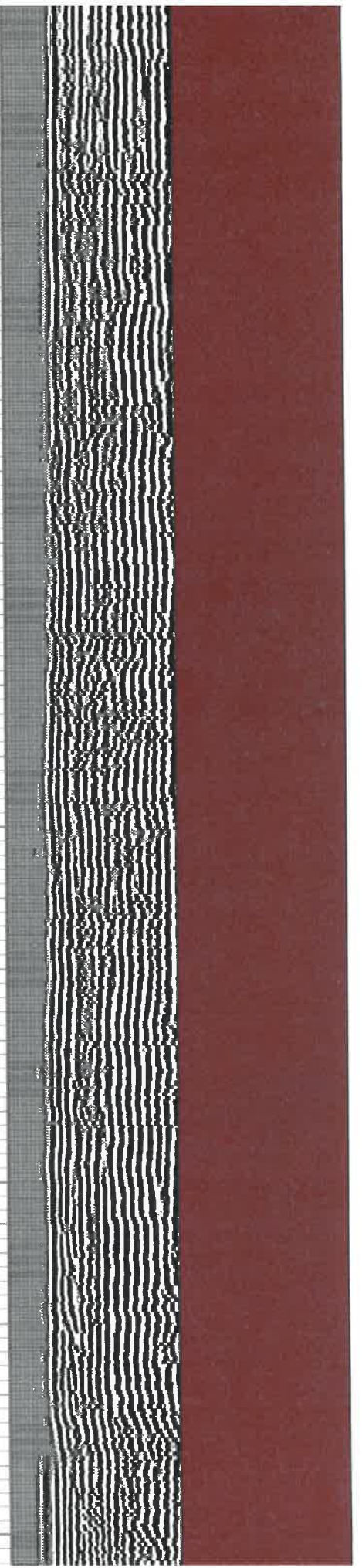
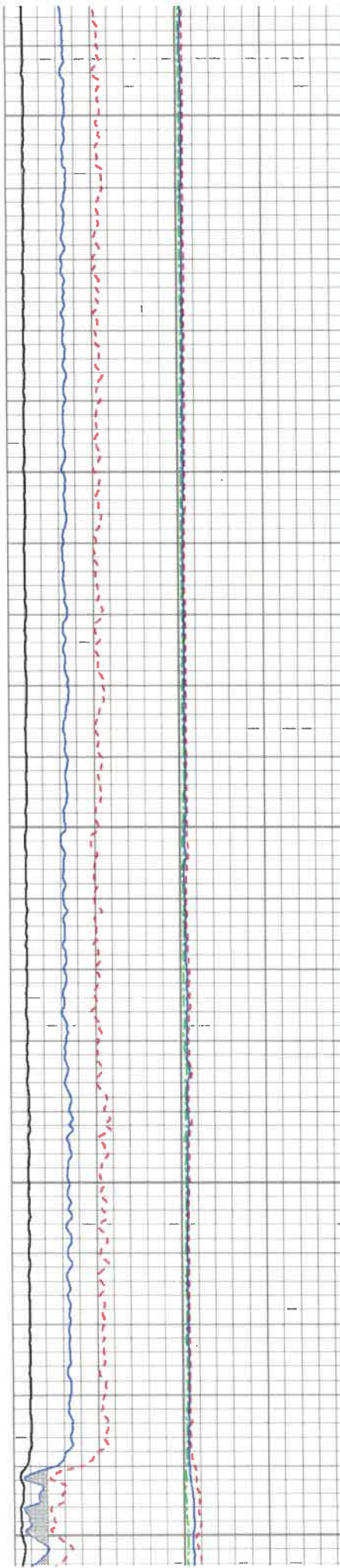
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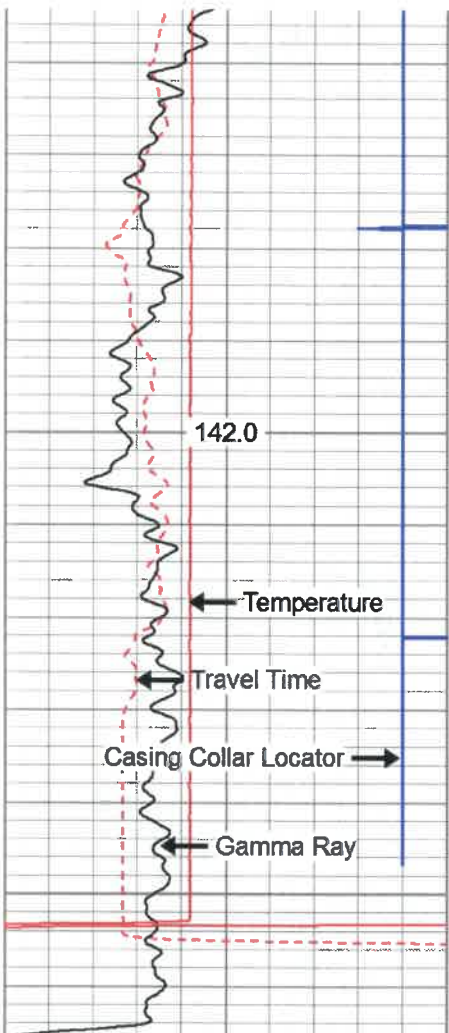




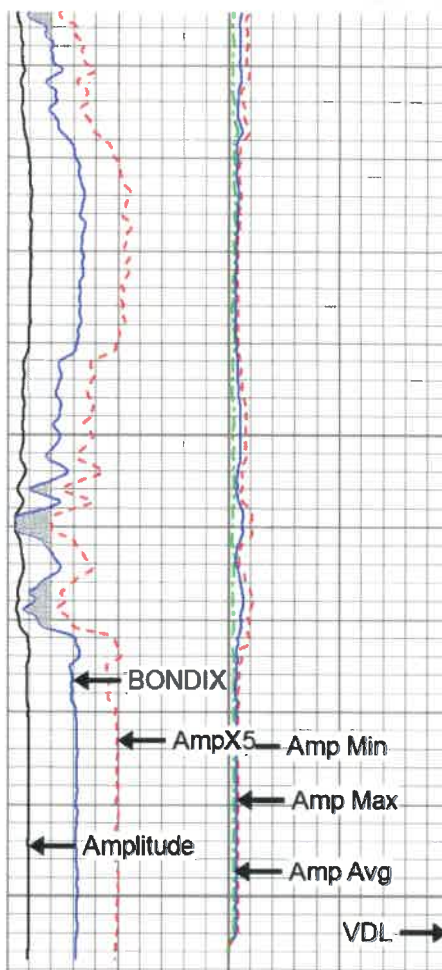
6400

6500





6600



280	Travel Time (usec)	180
9	Casing Collars	-1
0	Gamma Ray	180
0	TEMP (degF)	100
	TEMP (degF)	

Amplitude	0	Amp Avg	150
(mV)	100	Amp Max	150
AmpX5 (mV)	20	Amp Min	150
BONDIX	0		

200	VDL	1200	1	Sector Map	12
					80



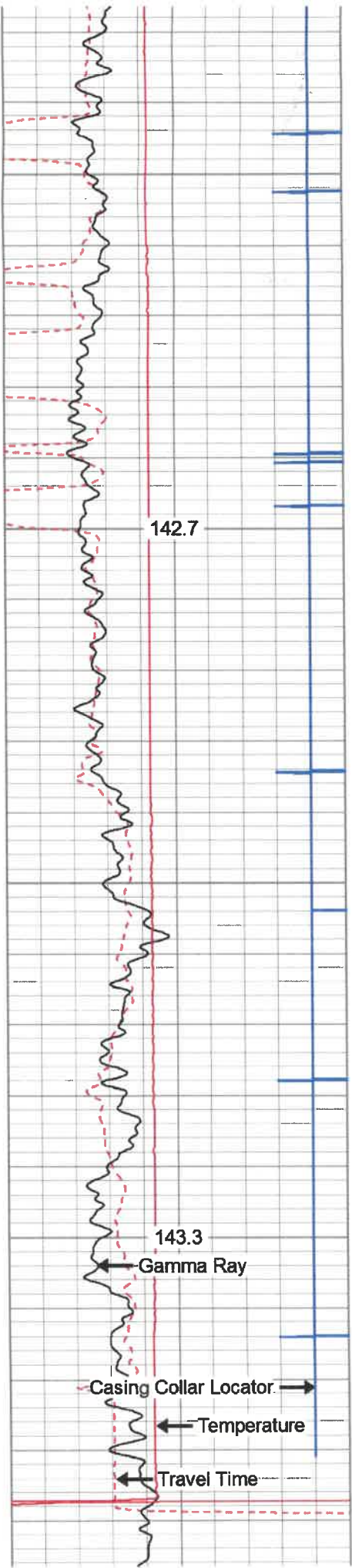
REPEAT SECTION

Database File: c:\warrior\data\2019 antero\antero-pritchard 2h.db
 Dataset Pathname: pass2
 Presentation Format: antero f
 Dataset Creation: Wed Apr 03 16:00:29 2019 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240

280	Travel Time (usec)	180
9	Casing Collars	-1
0	Gamma Ray	180
0	TEMP (degF)	100
	TEMP (degF)	

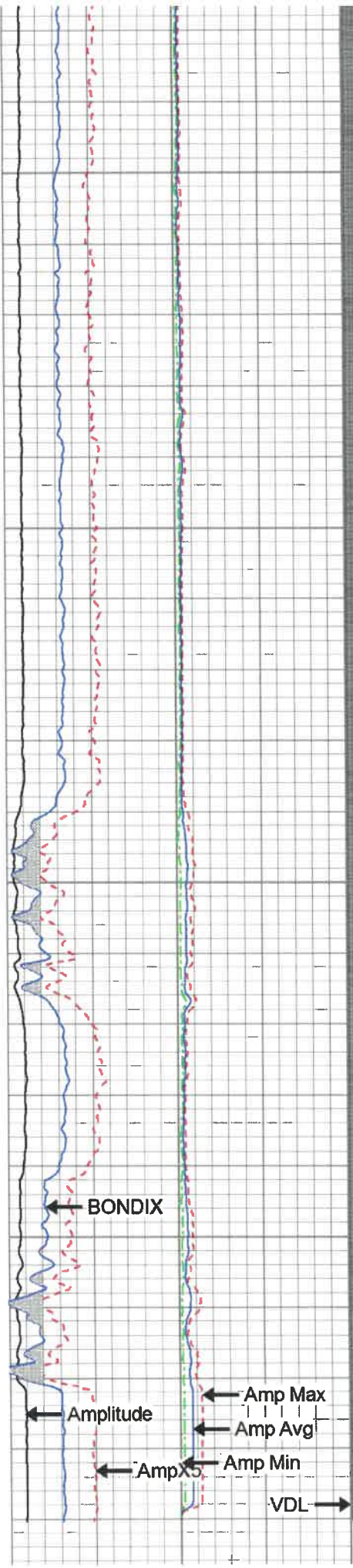
Amplitude	0	Amp Avg	150
(mV)	100	Amp Max	150
AmpX5 (mV)	20	Amp Min	150
BONDIX	0		

200	VDL	1200	1	Sector Map	12
					80



6500

6600



280	Travel Time (usec)	180	Amplitude	0	Amp Avg	150	200	VDL	1200	1	Sector Map	12
9	Casing Collars	-1	(mV)	100	Amp Max	150				20		80
0	Gamma Ray	180	AmpX5 (mV)	20	Amp Min	150						
0	TEMP (degF)	100	BONDIX	0								
	TEMP (degF)											

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)	
CCL	18.93		CCL-312tekco (3.12TEKCO) Tekco 3 1/8" 450 Deg. "F" SmCo Logging CCL	1.82	3.12	25.00	
			2.75 2 3/4" Tekco Adjustable Centralizer	2.73	2.75	25.00	
TEMP	12.77						
WVFS1	11.48						
WVFS2	11.48						
WVFS3	11.48			SCBL-Tek12 (IOL40-05) Tekco 400 Deg F 12 Sector RIB with Temp	9.13	3.25	135.00
WVFS4	11.48						
WVFS5	11.48						
WVFS6	11.48						
WVFS7	11.48						
WVFS8	11.48						
WVFS9	11.48						
WVFS10	11.48						
WVFS11	11.48						
WVFS12	11.48						
WVF3FT	10.73						
WVFCAL	10.73						
WVF5FT	9.73						
WVFTEMP	6.40						
WVFSYNC	6.40		2.75 2 3/4" Tekco Adjustable Centralizer	2.73	2.75	25.00	

GR	1.04		GR-Tek-Co 2 3/4 (IPSNO-03) Tekco 2 3/4" 400 Deg. F Logging Gamma Ray	3.67	2.75	40.00
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Dataset: antero-pritchard 2h.db: field/well/run1/pass3
 Total Length: 20.07 ft
 Total Weight: 250.00 lb
 O.D. 3.25 in

Calibration Report

Database File: C:\Warrior\Data\2019 antero\antero-pritchard 2h.db
 Dataset Pathname: pass3
 Dataset Creation: Wed Apr 03 16:05:44 2019 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number: IPSNO-03
 Tool Model: Tek-Co 2 3/4
 Performed: Mon Nov 07 10:23:17 2016

 Calibrator Value: 1.0

 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps


 Sensitivity: 0.3000 /cps

Temperature Calibration Report

Serial Number: IOL40-05
 Tool Model: Tek12
 Performed: Wed Jul 31 10:53:14 2013

	Reference	Reading
Low Reference:	0.00 degF	0.00 usec
High Reference:	1.00 degF	1.00 usec
Gain:	0.33	
Offset:	0.00	
Delta Spacing	2	

RECEIVED
 Office of Oil and Gas
 FEB 18 2020
 WVA Department of
 Environmental Protection

	Company	ANTERO RESOURCES CORPORATION
	Well	PRITCHARD UNIT 3H
	Field	MARCELLUS
	County	RITCHIE
	State	W.V. Country

