



**Radial Bond Log, V.D.L.
C.C.L. Gamma-Ray & Temp.**

Pioneer Energy Services

Company Bill Barrett Corp.

Well Anschutz State 4-62-02-1721CH2
Field
County Weld State Colo.

Company **Bill Barrett Corp.**
Well **Anschutz State 4-62-02-1721CH2**
Field
County **Weld** State **Colo.**

Location: API #: 05123389630000 Other Services
SEC 02 TWP 4N RGE 62W
SWNW
Permanent Datum GL Elevation 4544
Log Measured From KB
Drilling Measured From KB
None
K.B. 4566
D.F. 4565
G.L. 4544

Date of Service	6-20-2014		
Run Number	1		
Depth Driller or PBTD	6476'		
Depth Logger	5647'		
Bottom Log Interval	5633'		
Top Log Interval	Surface		
Open Hole Size	8.75"		
Type Fluid	water		
Fluid Level	surface		
Fluid Density	8.33 ppg		
Max. Recorded Temperature	195		
Max. Wellhead Pressure	0		
Wellhead Connection	4" 1002		
Estimated Cement Top	1147'		
Unit Number	01		
Wireline Size	9/32"		
Location	Fl. Morgan		
Recorded By	Nathan Bivens		
Witnessed By	John Dameron		
	Size	WMFt	Top
Tubing Record			Bottom
Surface Casing			
Production Casing	7"	26#	surface 6461'
Liner Record	4.5"	11.6#	5570' na

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services will 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 Pioneer Wireline Services's general terms and conditions set out in our current Price Schedule.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.
S.O. # 2-220035

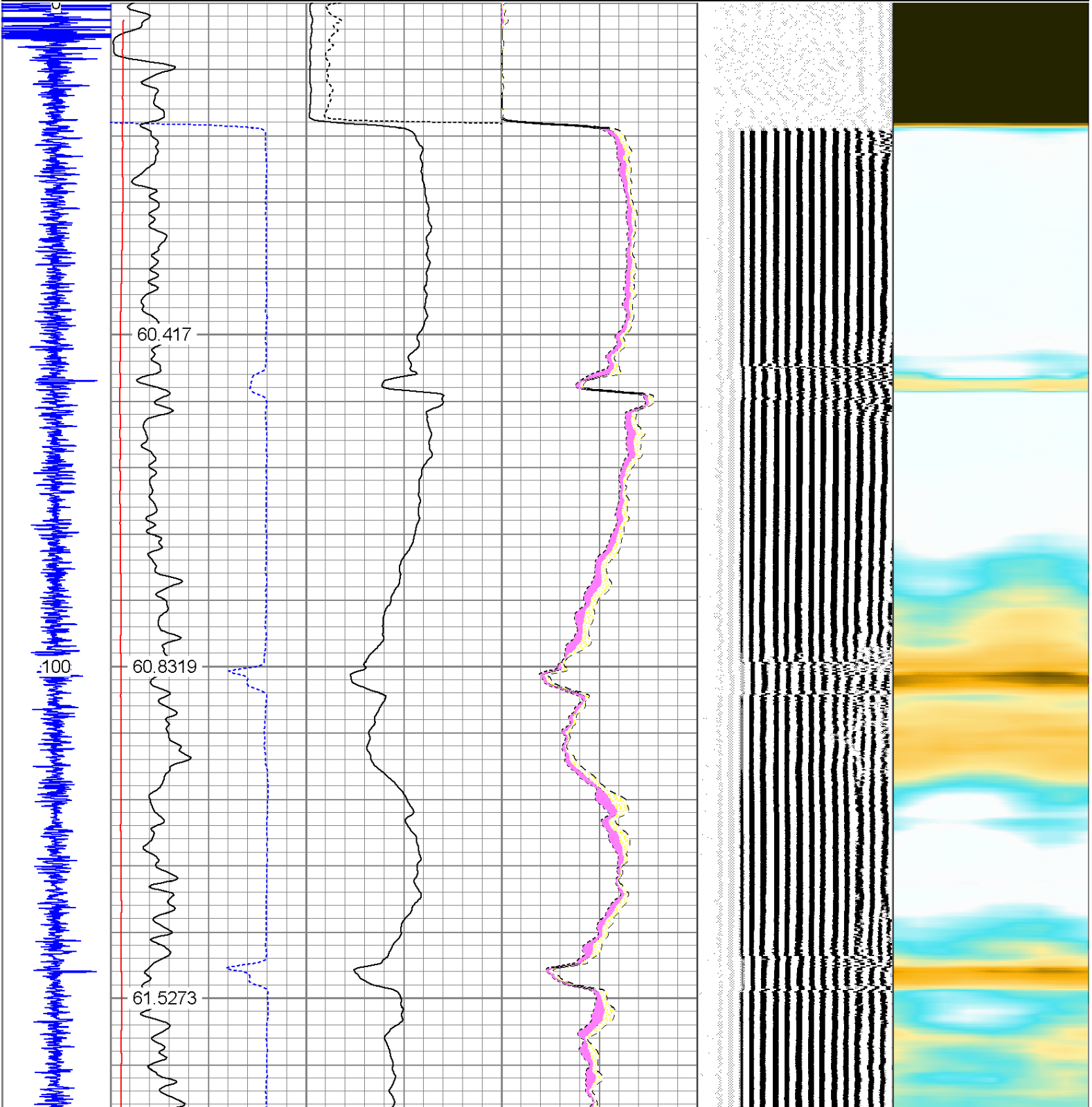
THANK YOU FOR USING PIONEER WIRELINE SERVICES

Your Pioneer Wireline Services Crew	Tool Data - Services	Serial Number
Engineer: N. Bivens Operator: W. Brigante Operator: D. Baessler Operator: T. Krein	radial bond	

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
WVF3FT	13.18		RBT-Probe (4.5040904)	8.88	2.75	90.00
WVFCAL	13.18		Prototype Probe Radii Bond Tool with Digital Telemetry			
WVFS1	13.18					
WVFS2	13.18					
WVFS3	13.18					
WVFS4	13.18					
WVFS5	13.18					
WVFS6	13.18					
WVFS7	13.18					
WVFS8	13.18					
WVF5FT	12.18					
			PTS275	2.83	2.75	
CCL	5.18					
GR	3.85		GR-Probe275 (030606)	4.54	2.75	57.00
			TEMP-Probe (P071024)	1.55	1.69	5.00
TEMP	0.01		Probe temp tool			

Database File: anschutz state 4-62-02-1721ch2.db
Dataset Pathname: pass3
Presentation Format: scbl02
Dataset Creation: Fri Jun 20 14:01:35 2014 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

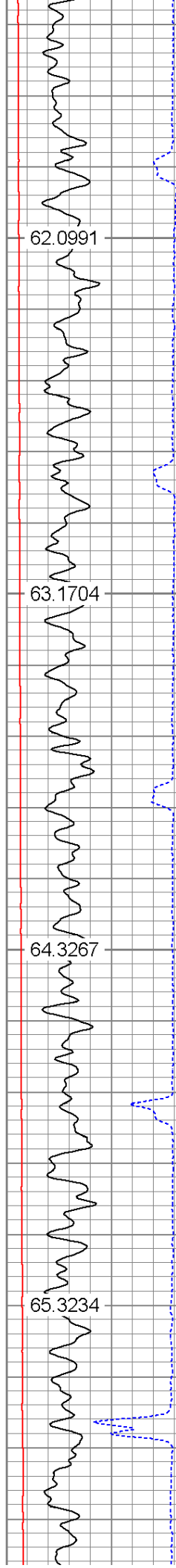
5	CCL	-5	362	TT (usec)	262	0	AMP (mV)	100	0	AMPAVG	150	200	VDL	1200	1	SECTOR MAP	8
			0	GR (GAPI)	150	0	AMPx5 (mV)	20	0	AMPMAX	150				25		100
			50	TEMP (degF)	250				0	AMPMIN	150						
				TEMP													
				(degF)													





200

300

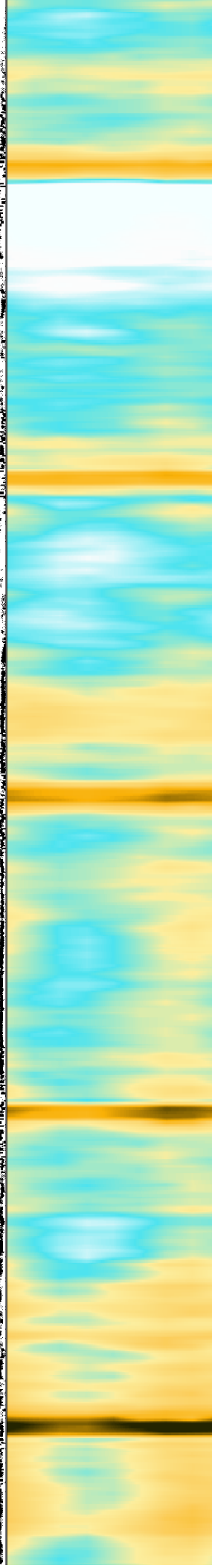
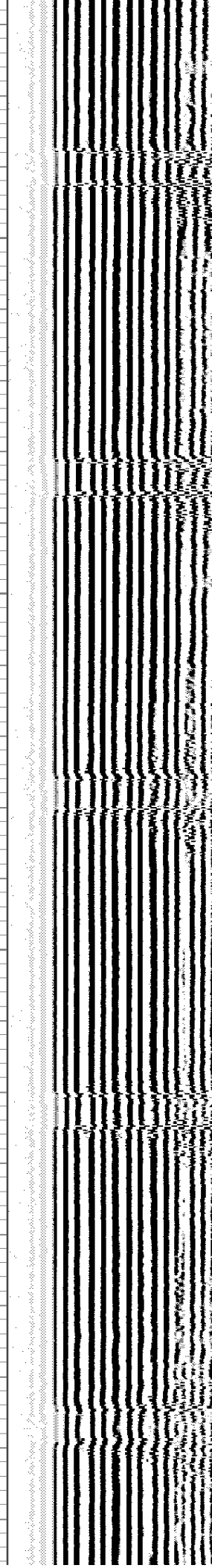
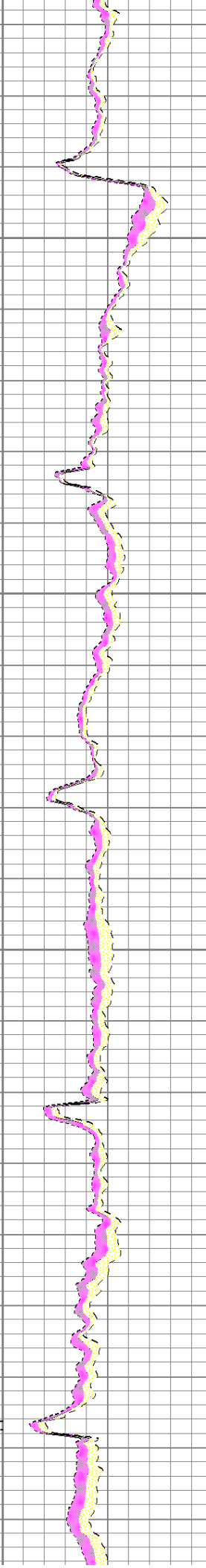
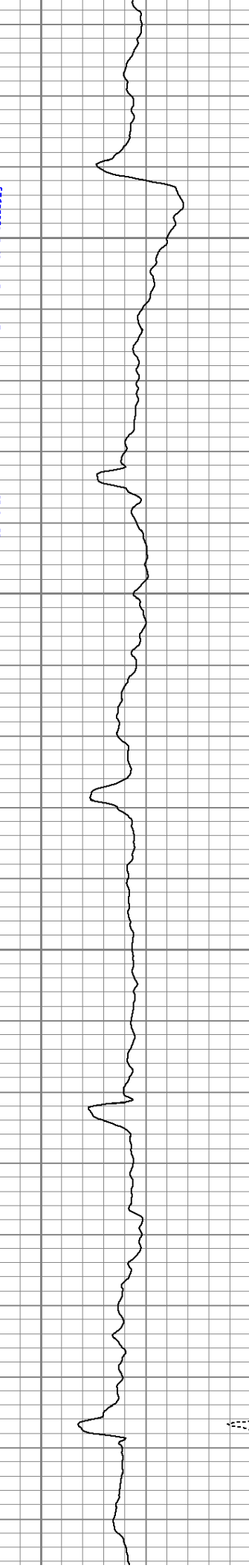


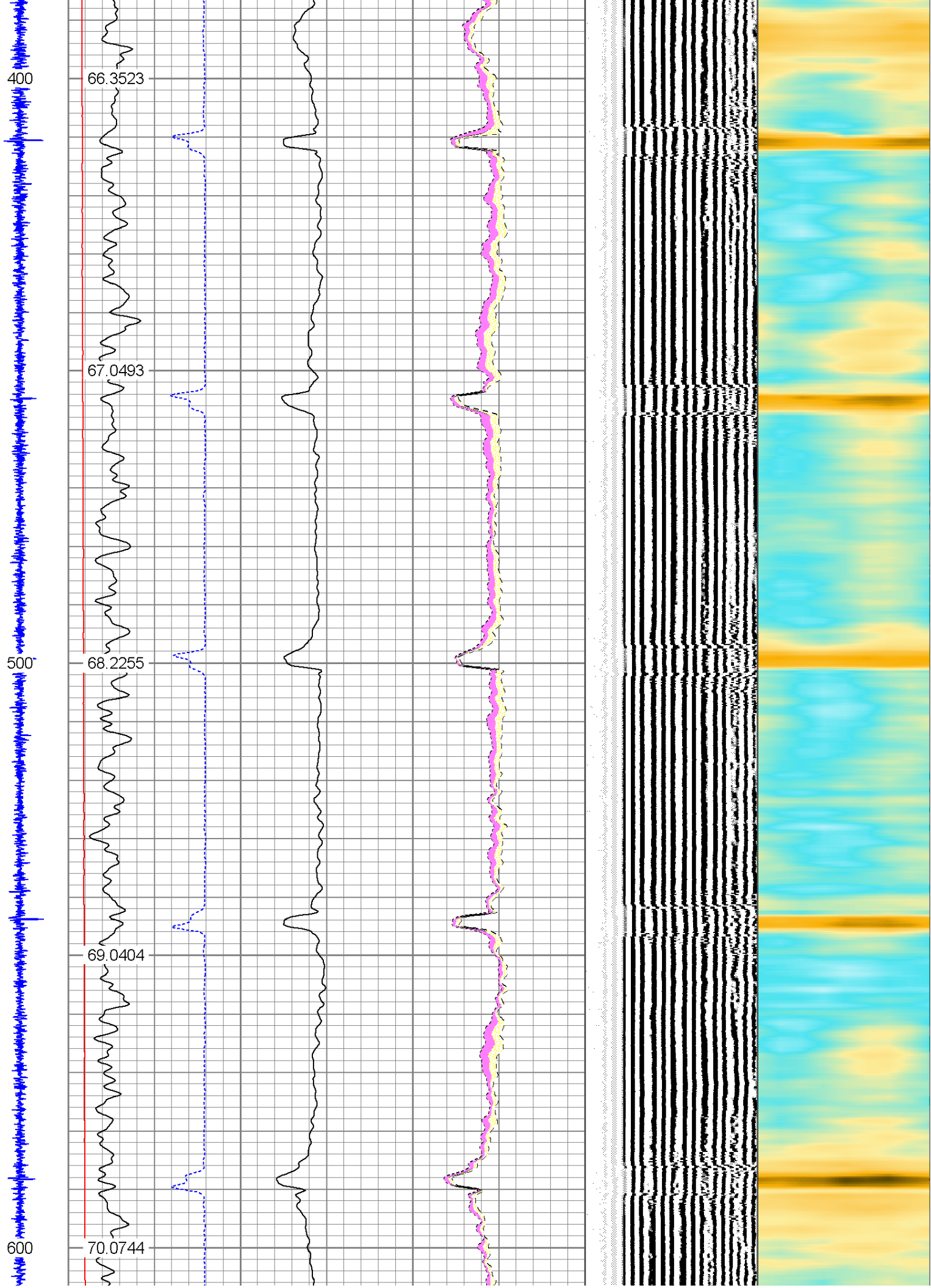
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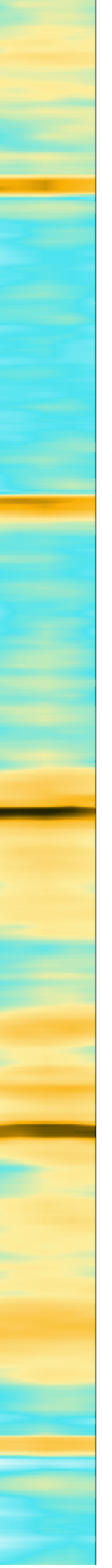
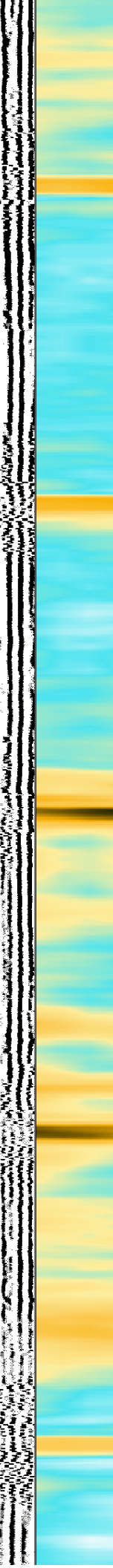
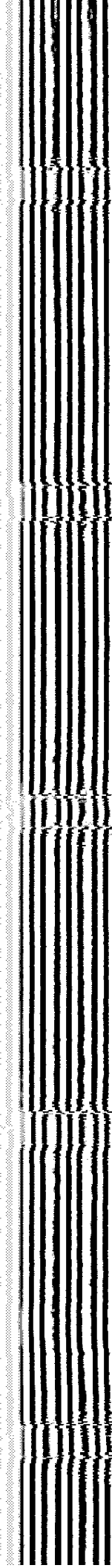
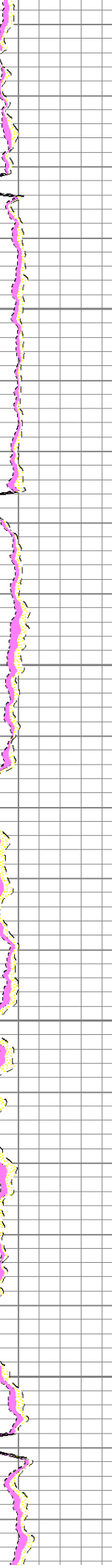
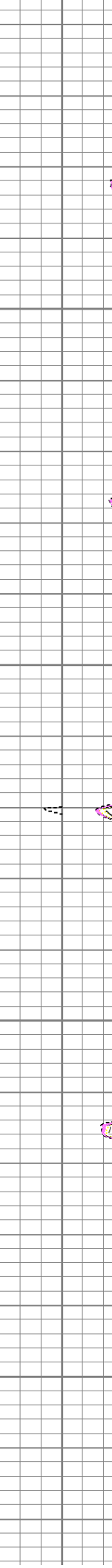
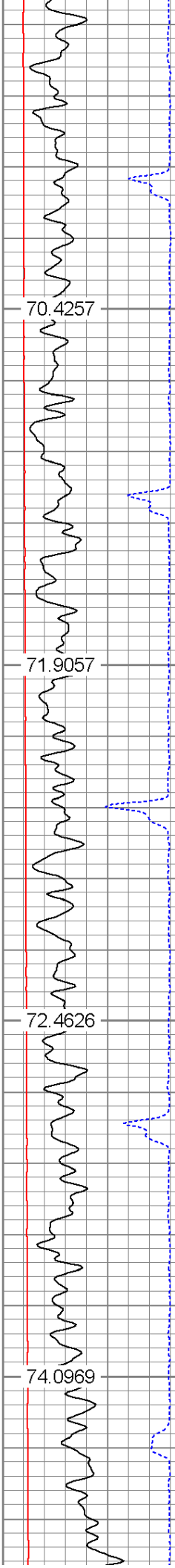
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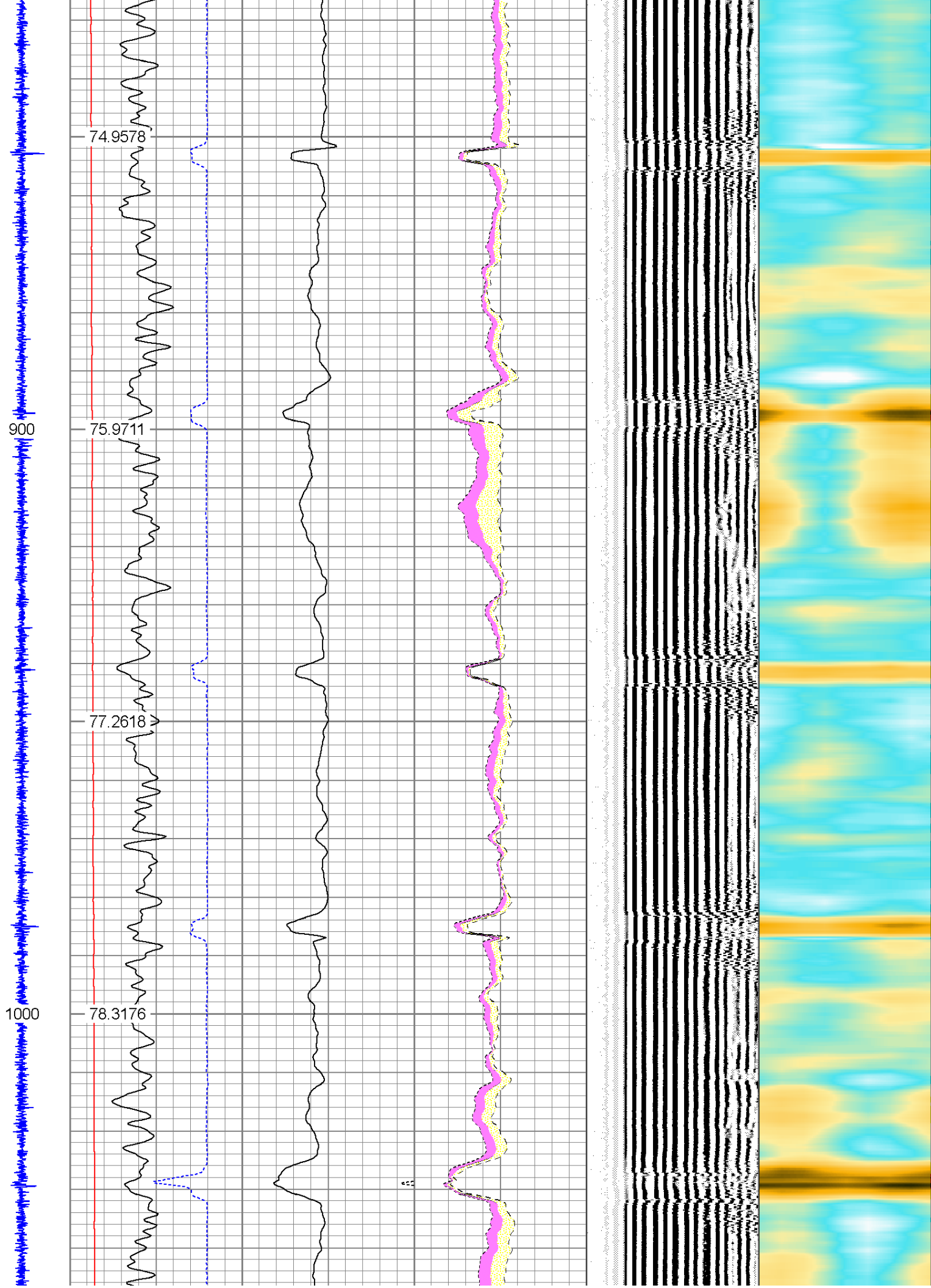
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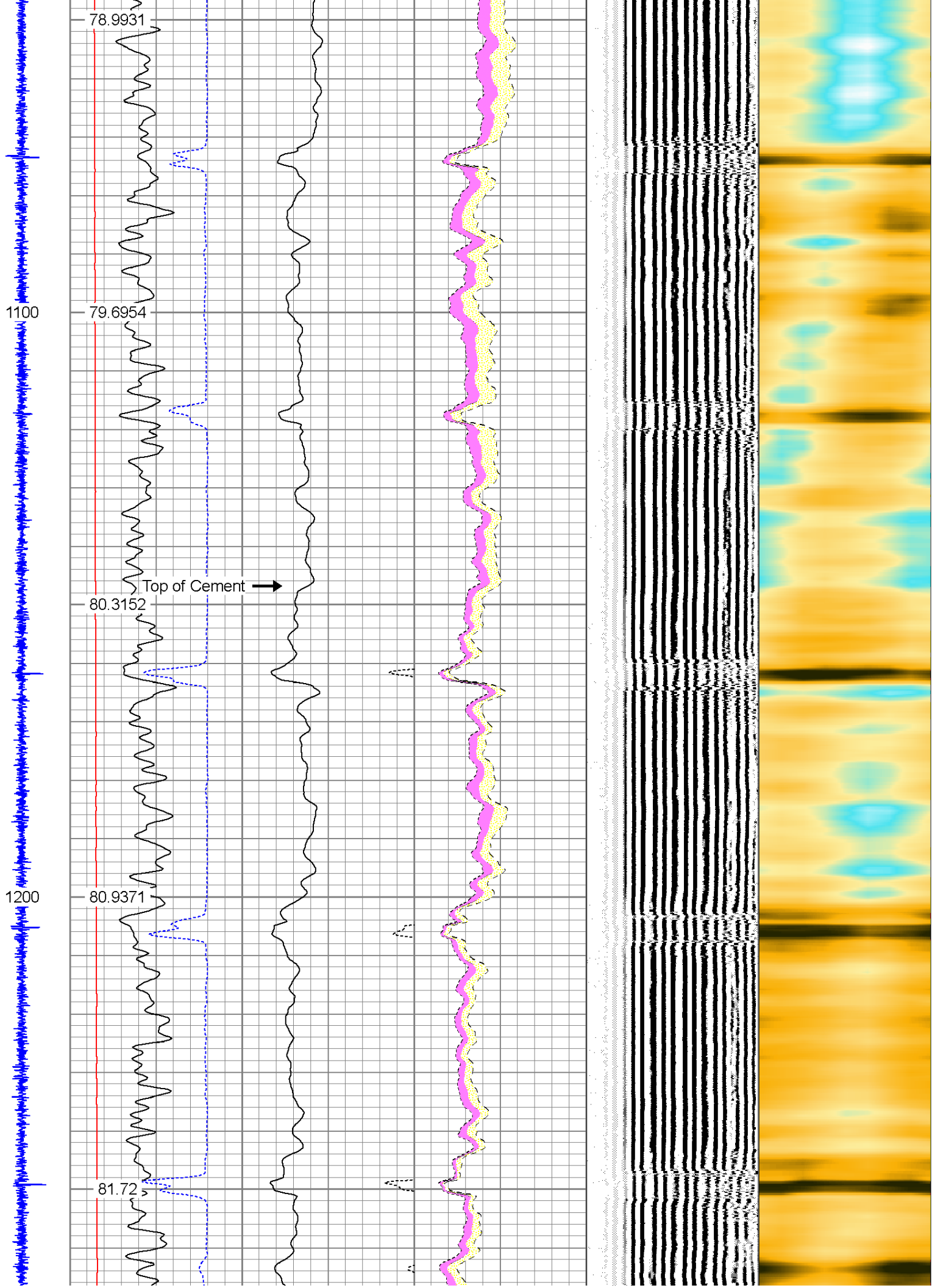
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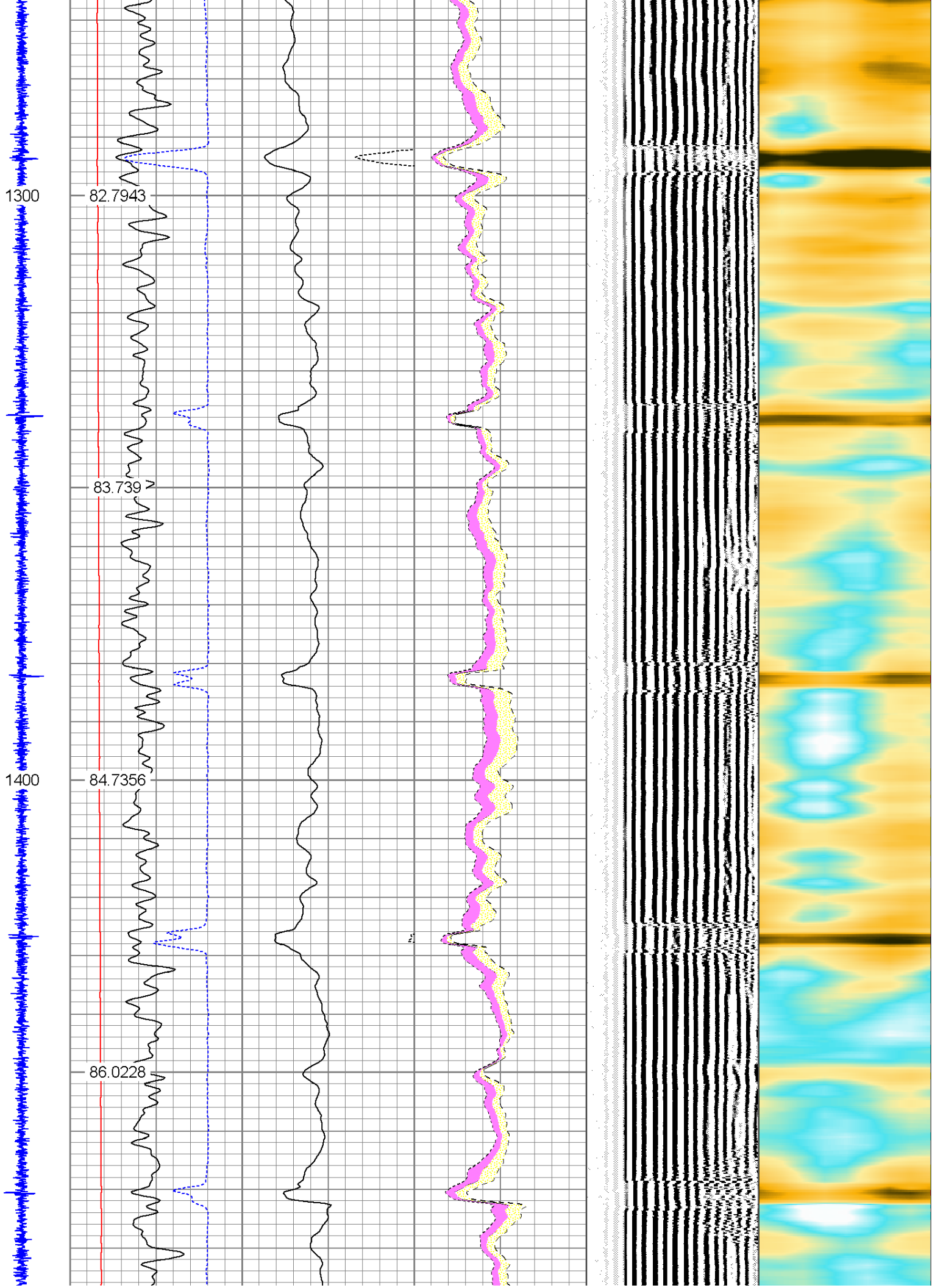


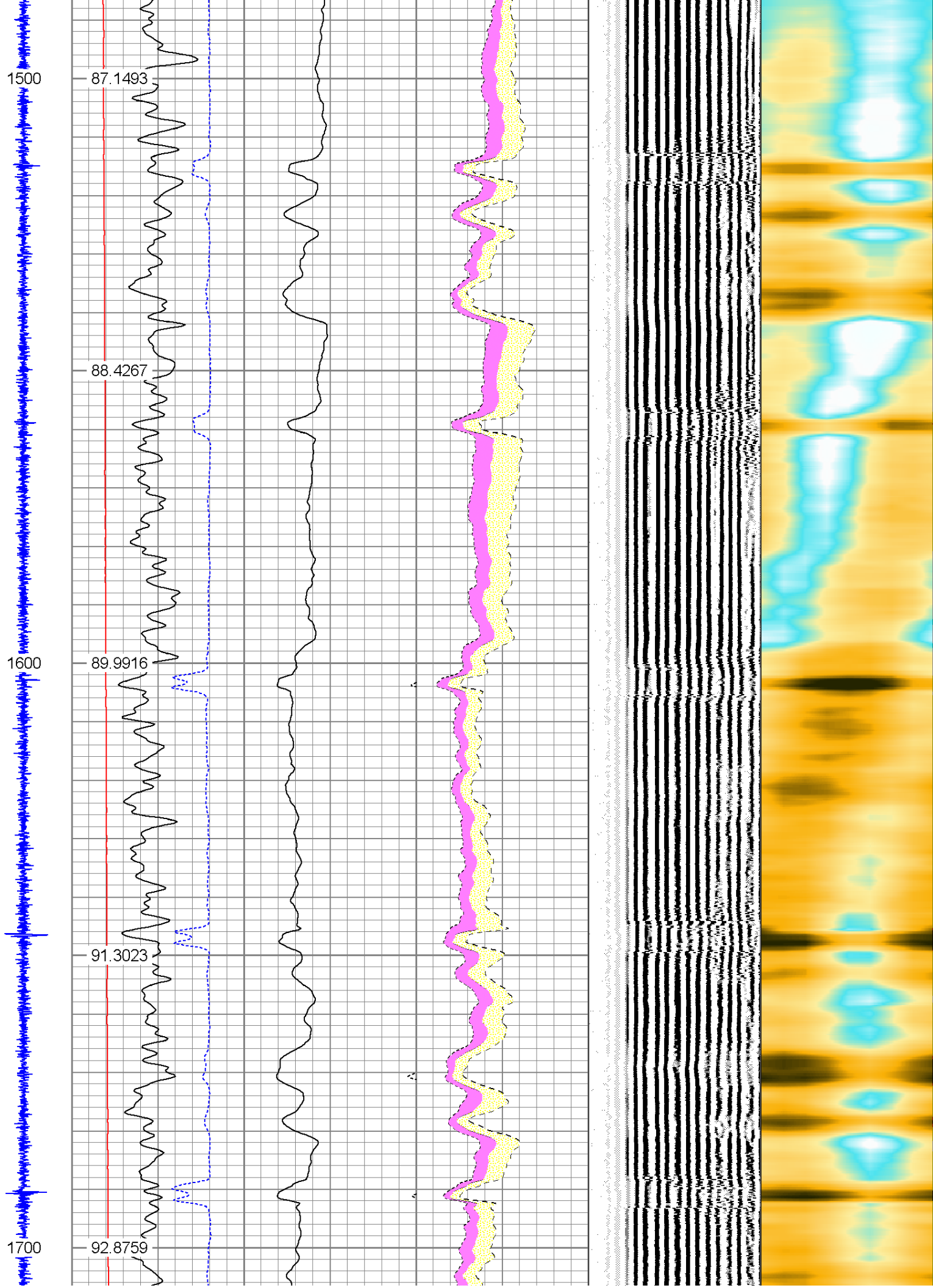


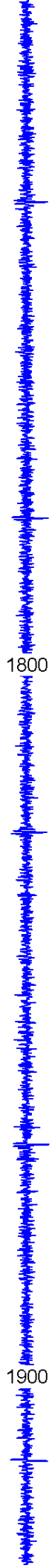






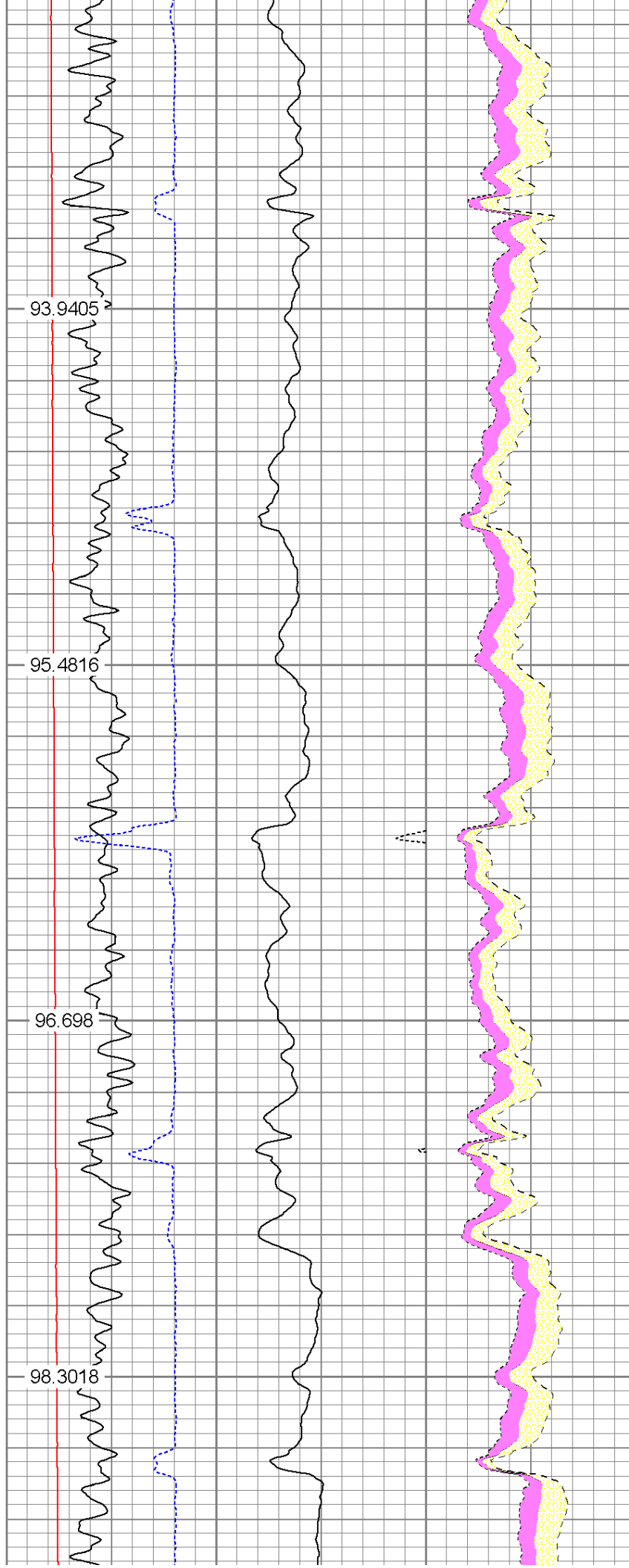






1800

1900

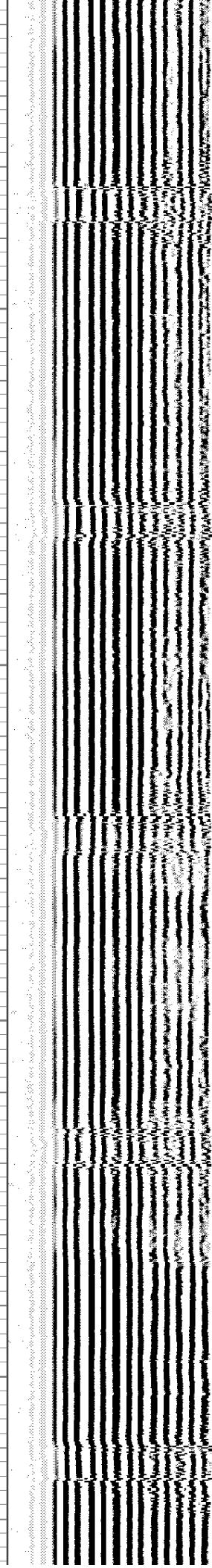


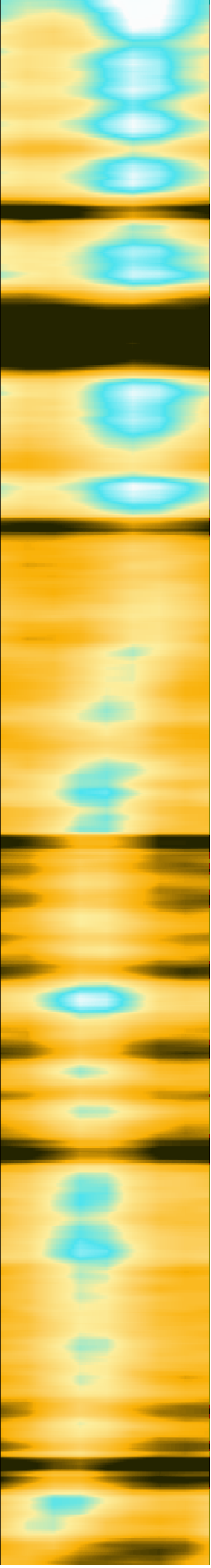
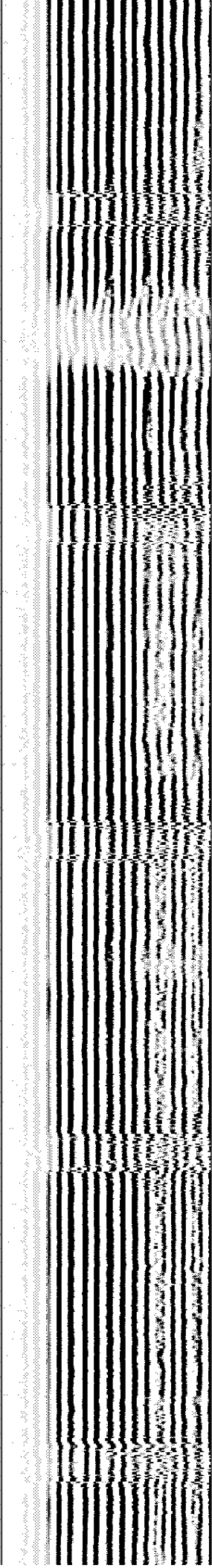
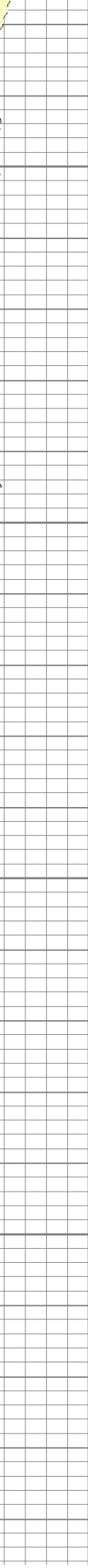
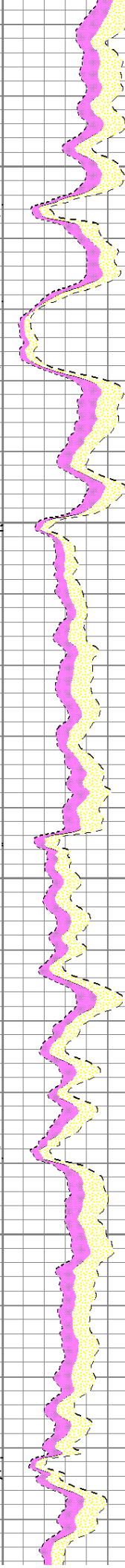
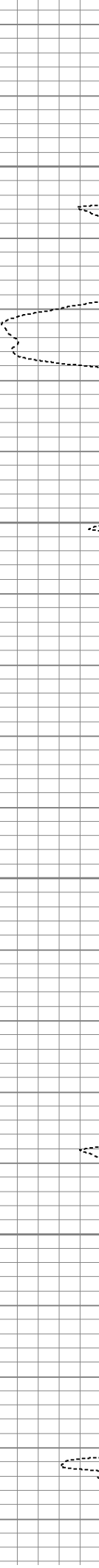
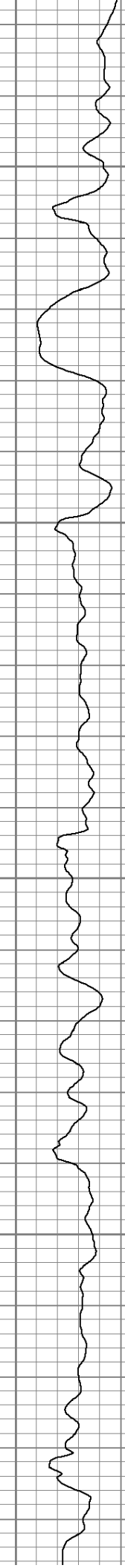
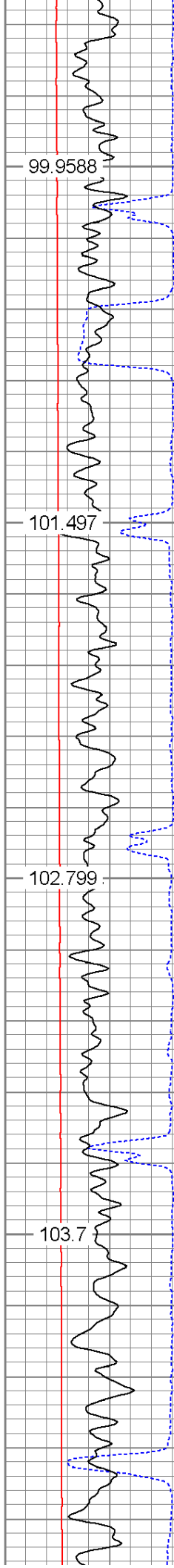
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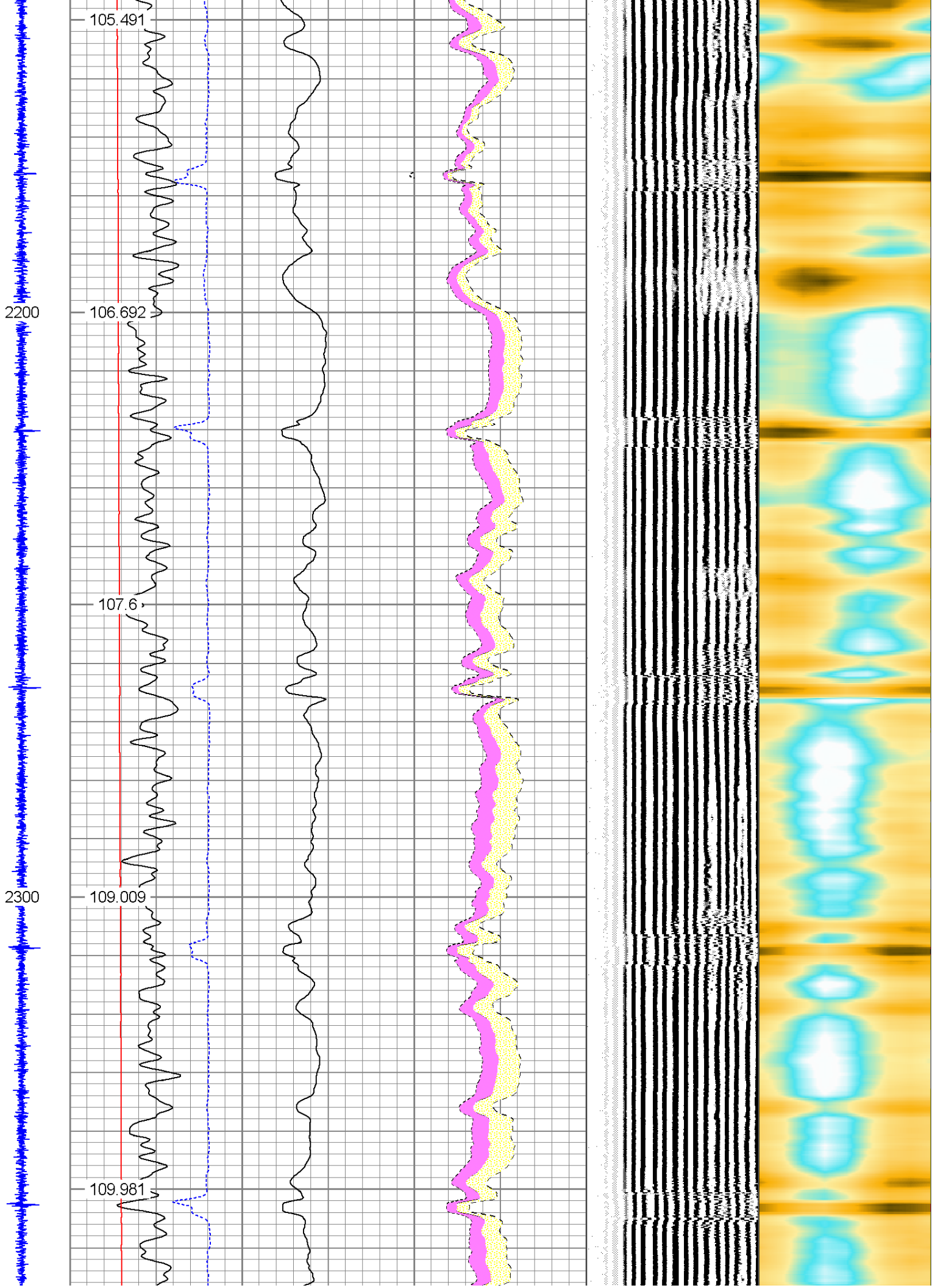
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98.3018







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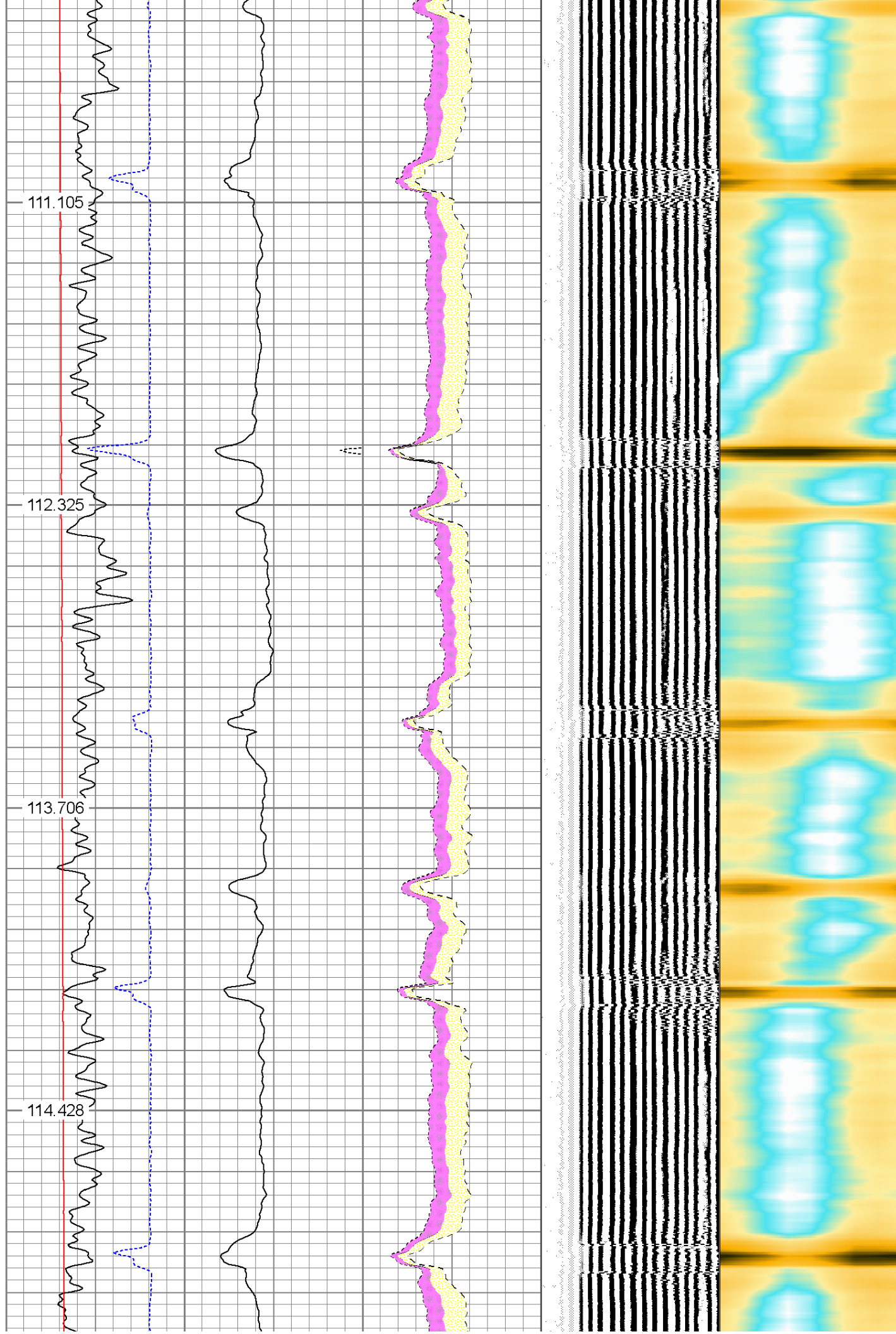
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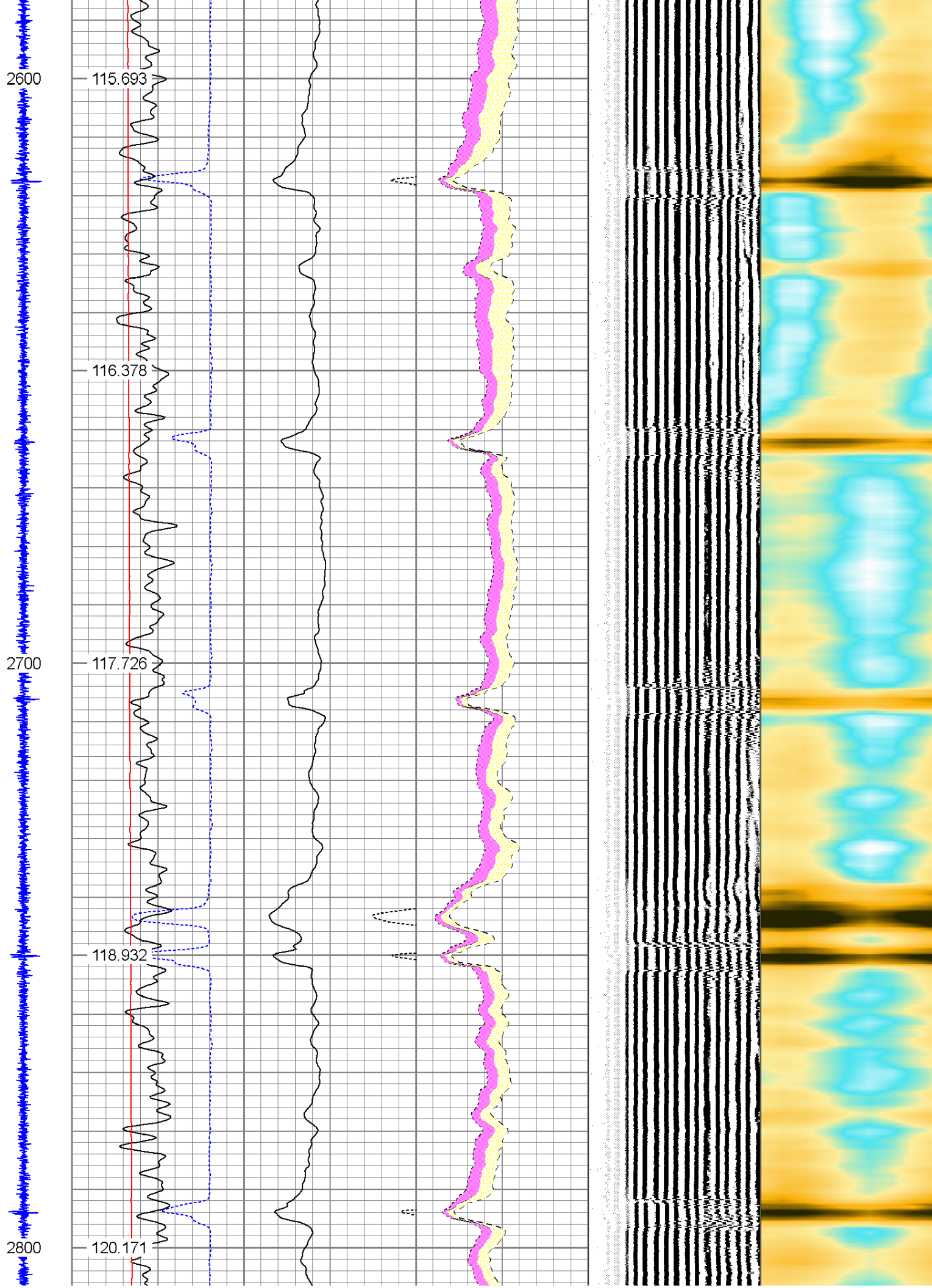
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113.706

114.428

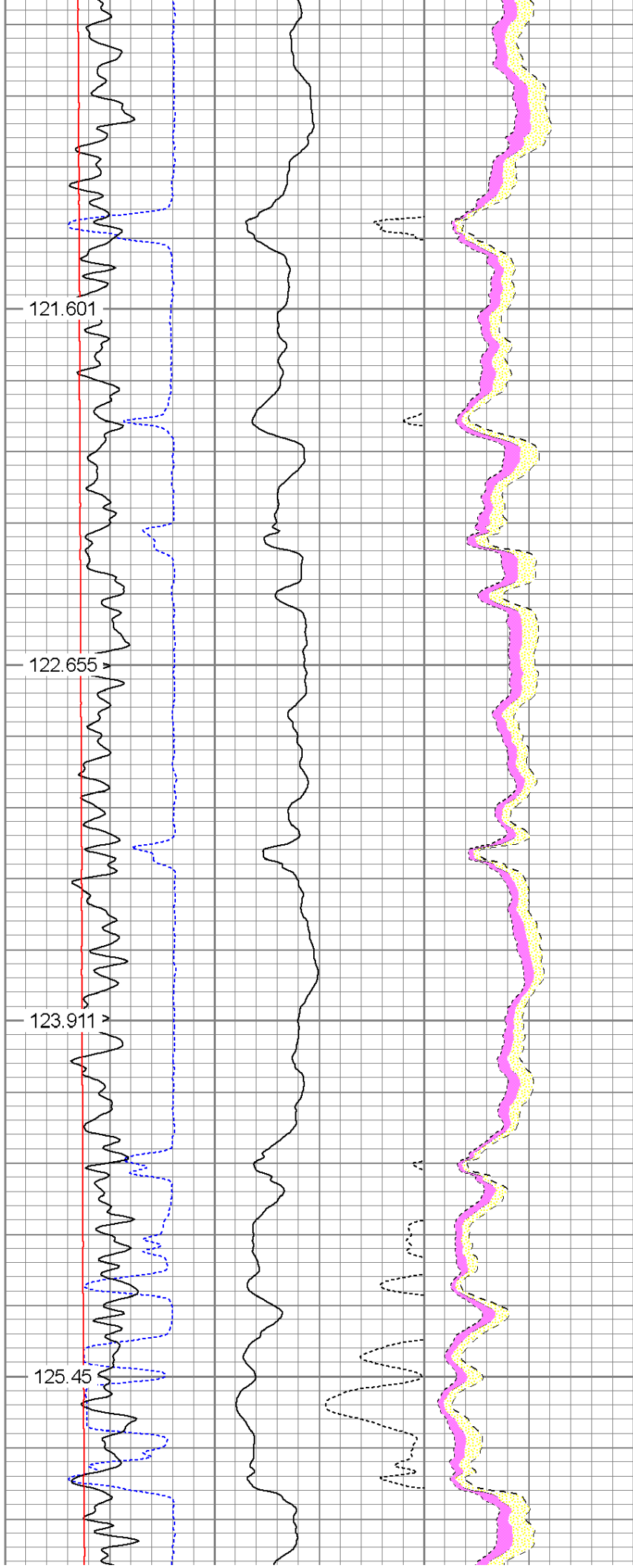






2900

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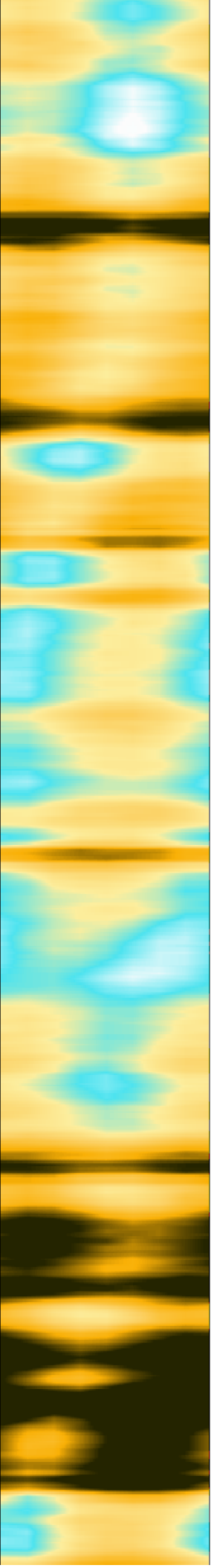
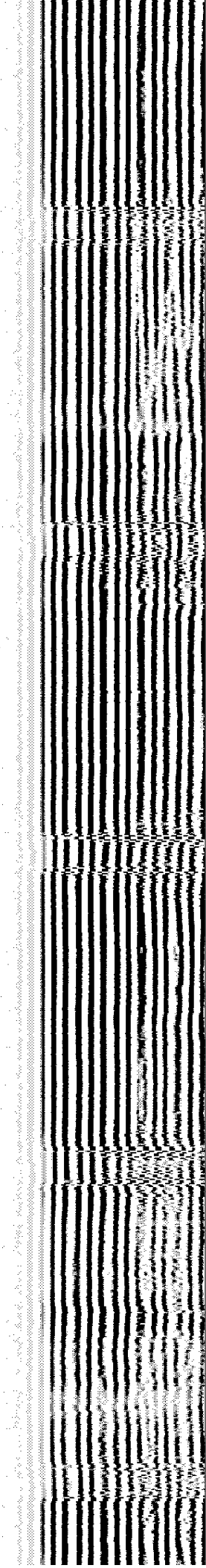


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122.655

123.911

125.45



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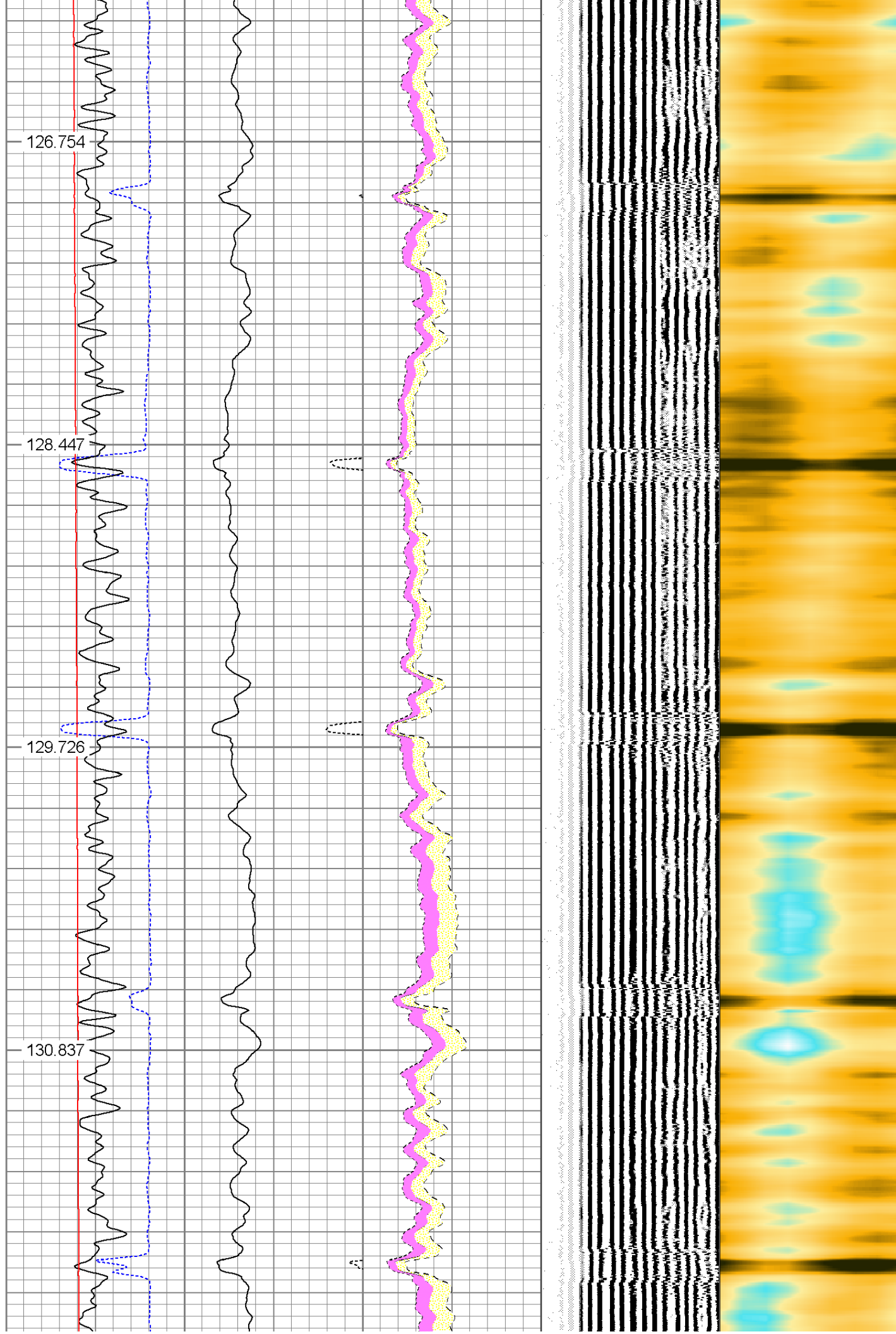
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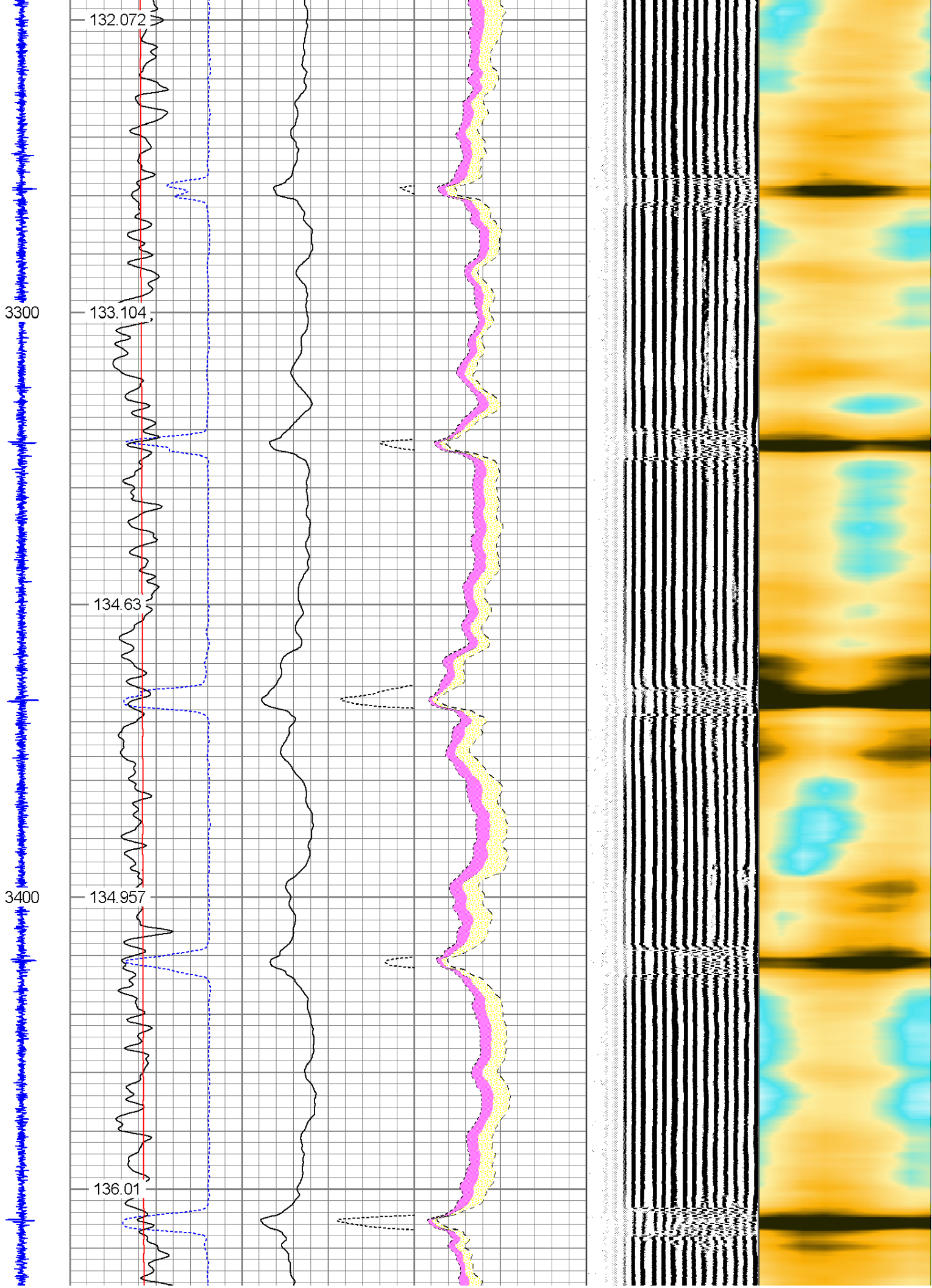
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130.837





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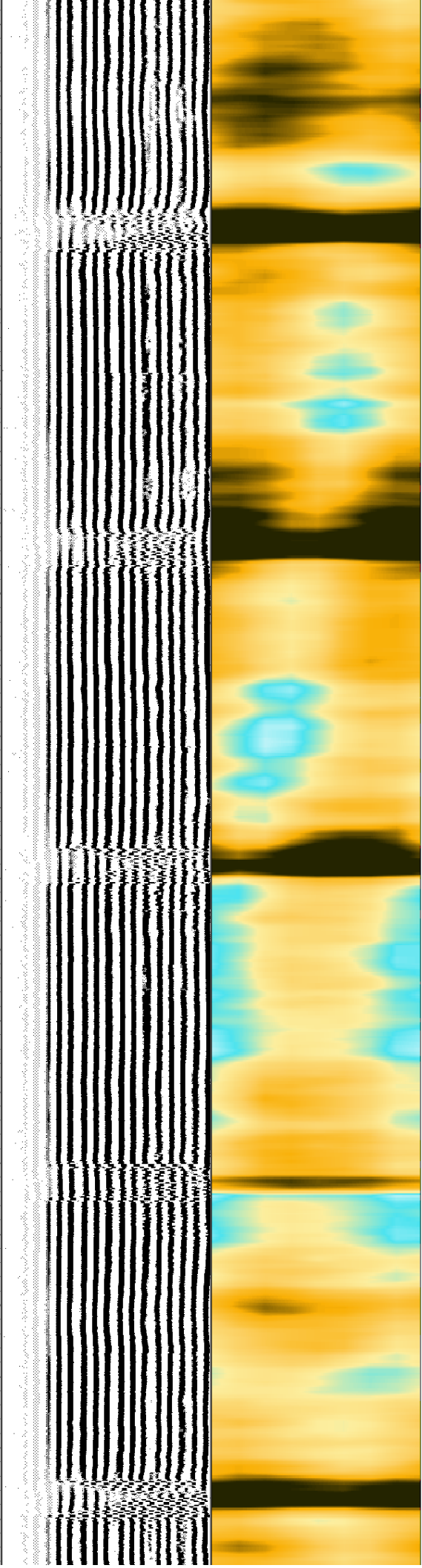
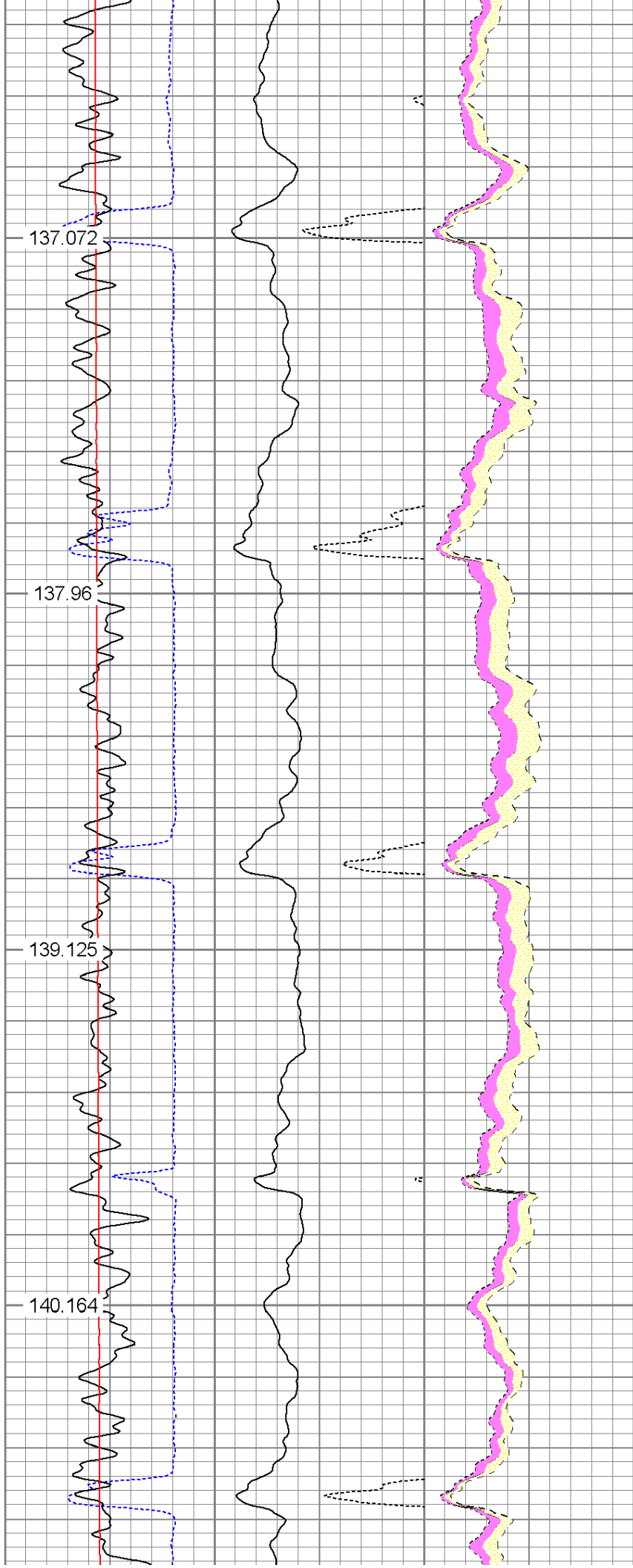
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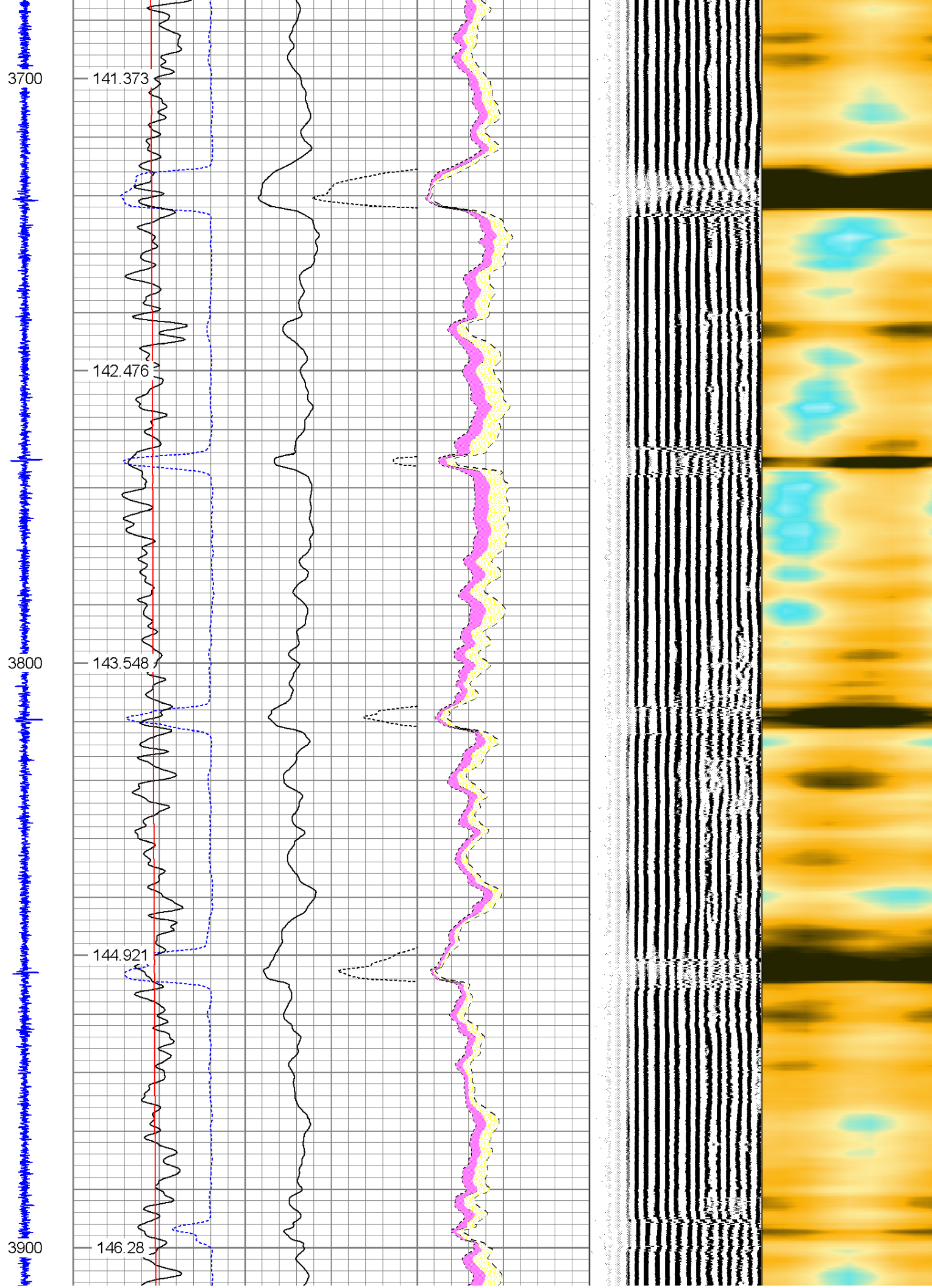
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137.96

139.125

140.164





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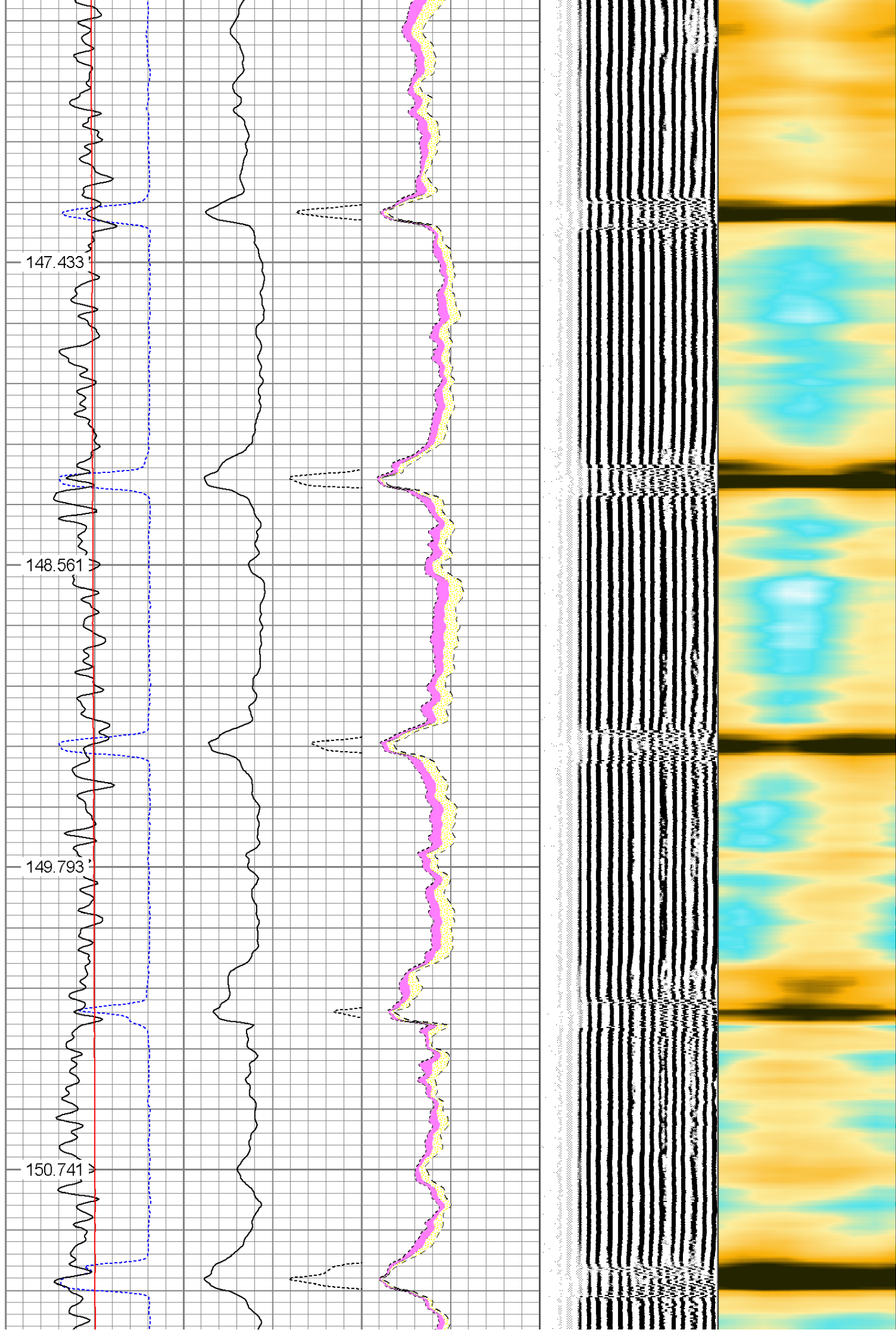
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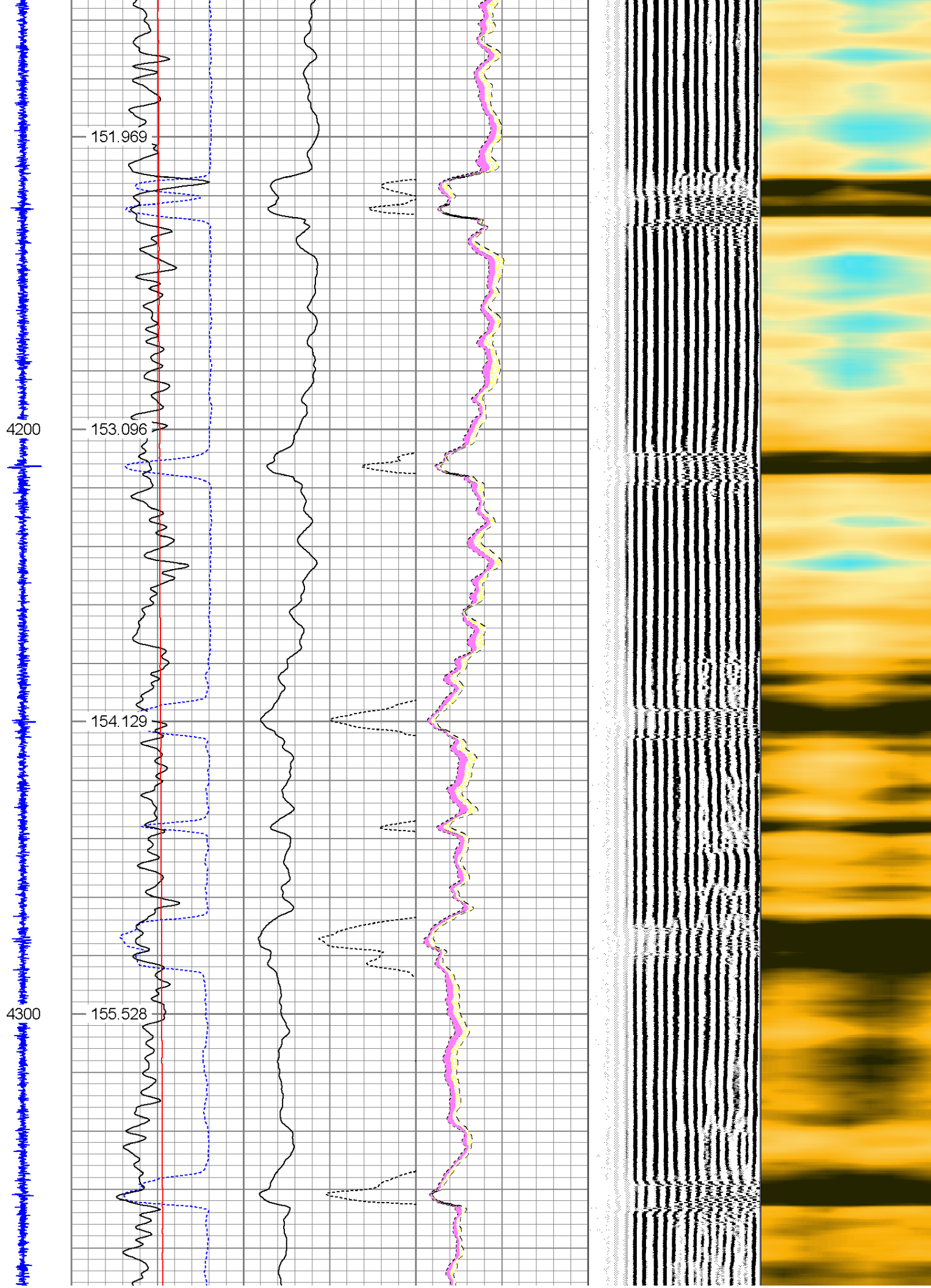
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148.561

149.793

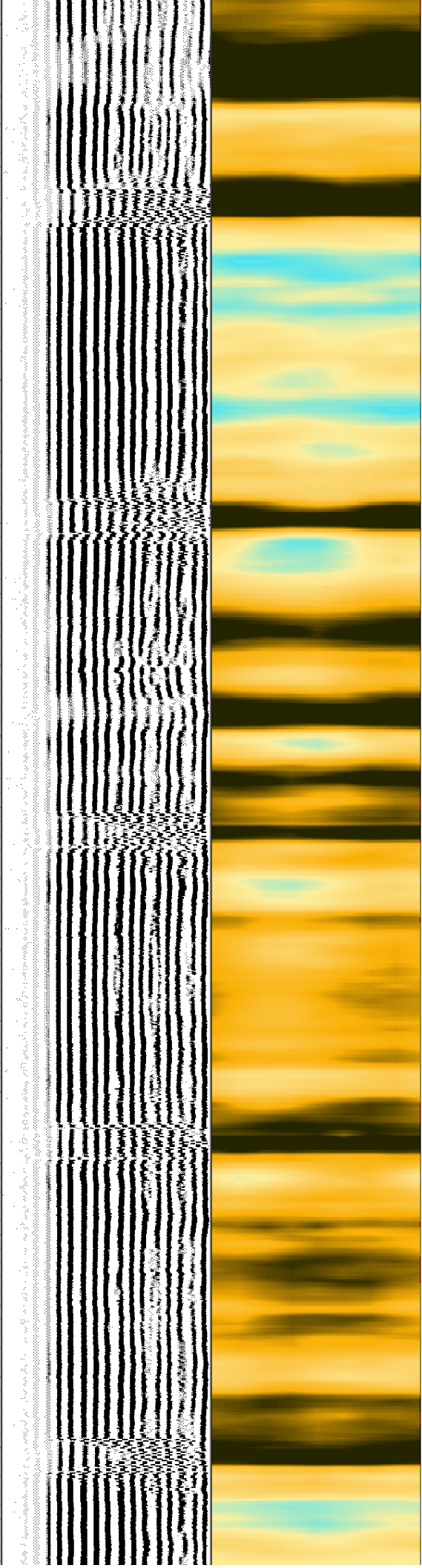
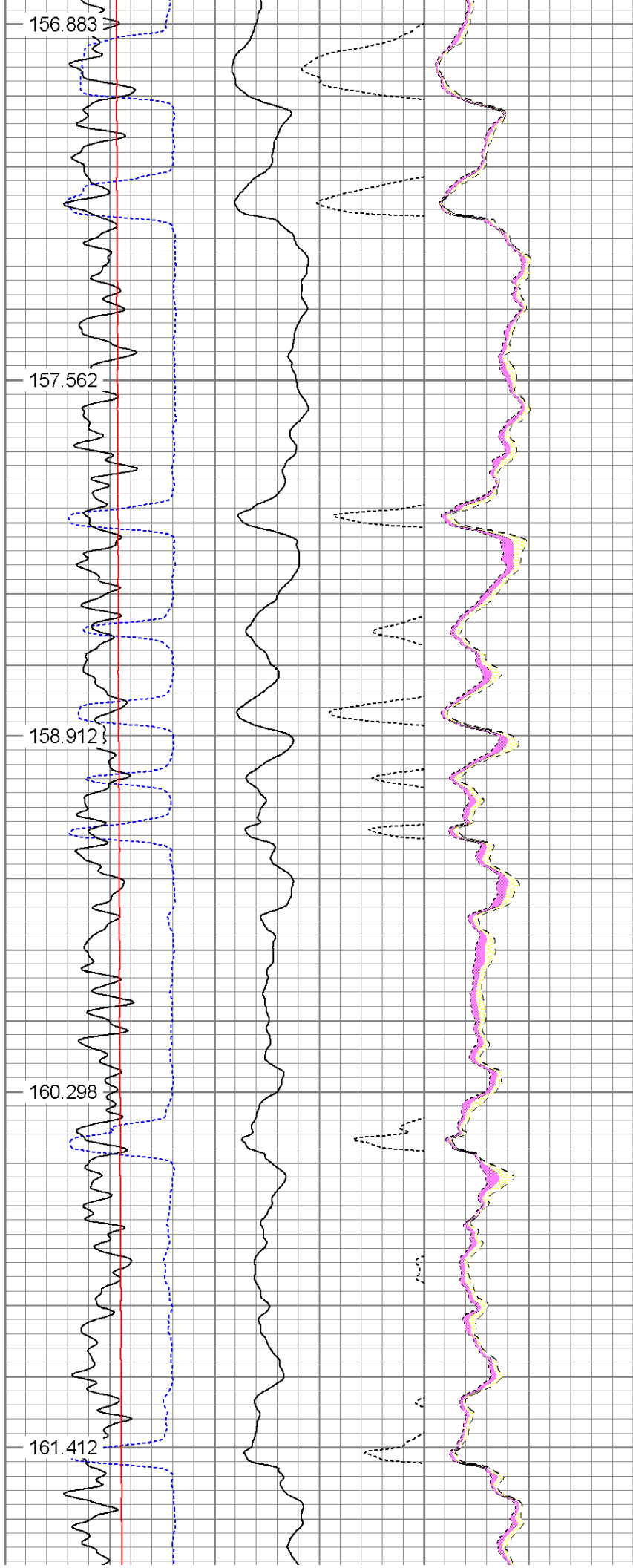
150.741





4400

4500



4600

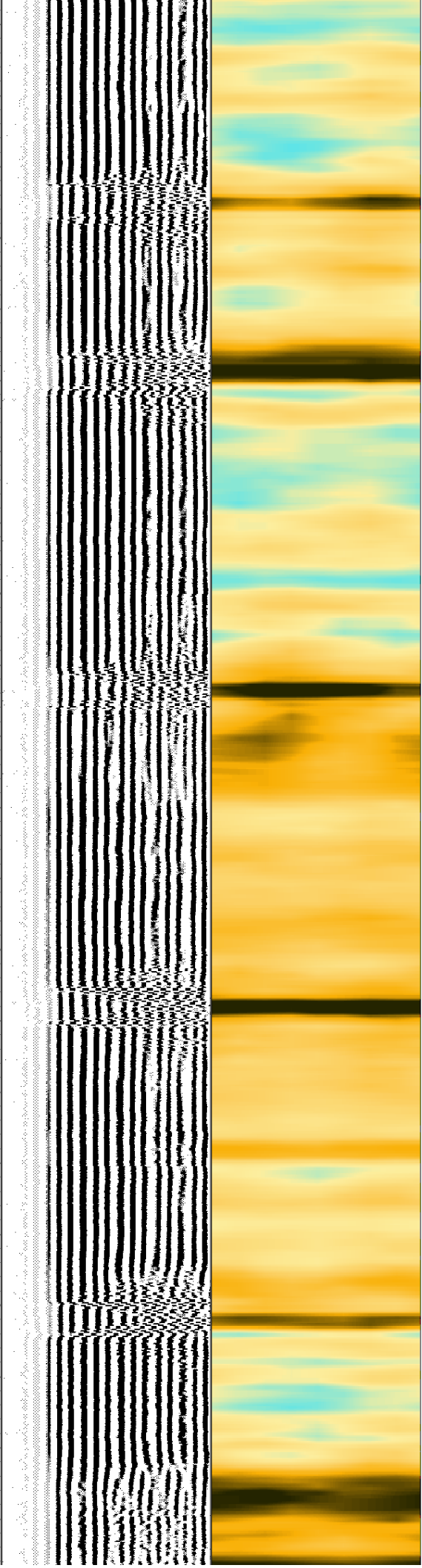
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marker joint

163.89

4700

164.823

165.799



4800

167.441

168.893

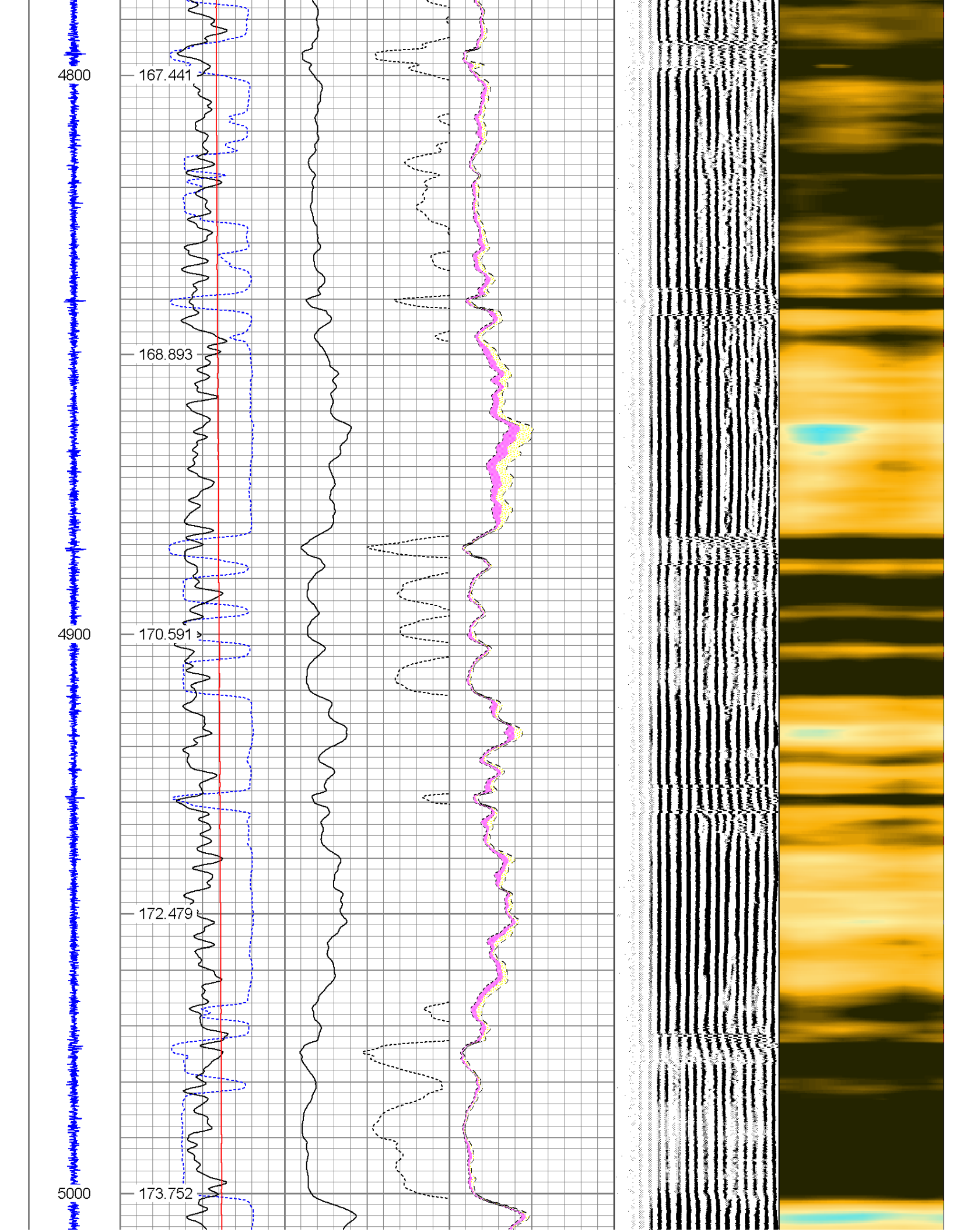
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172.479

5000

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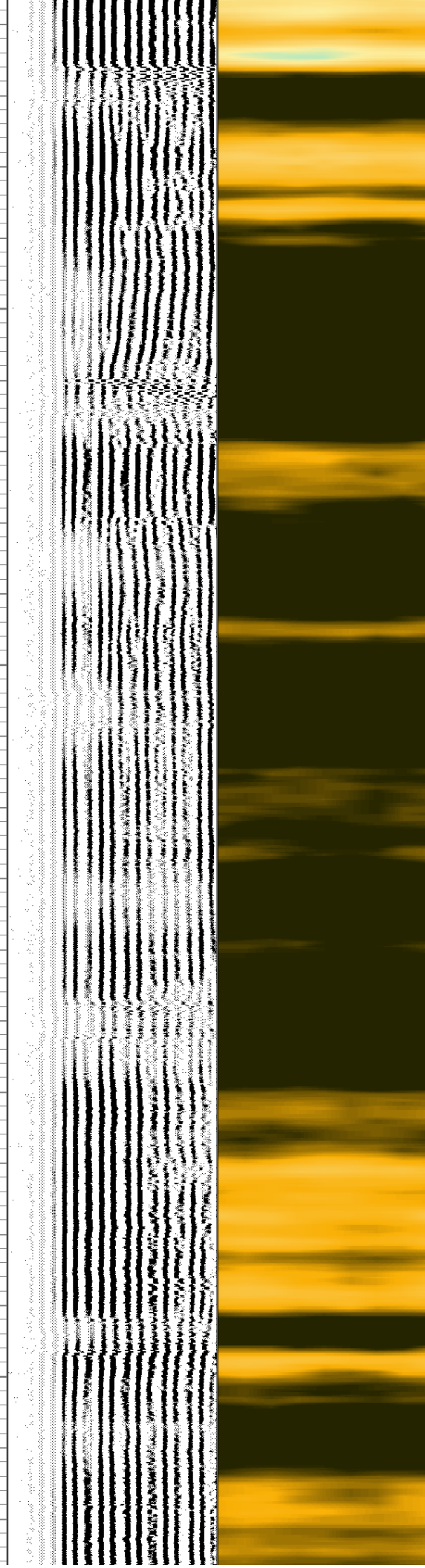
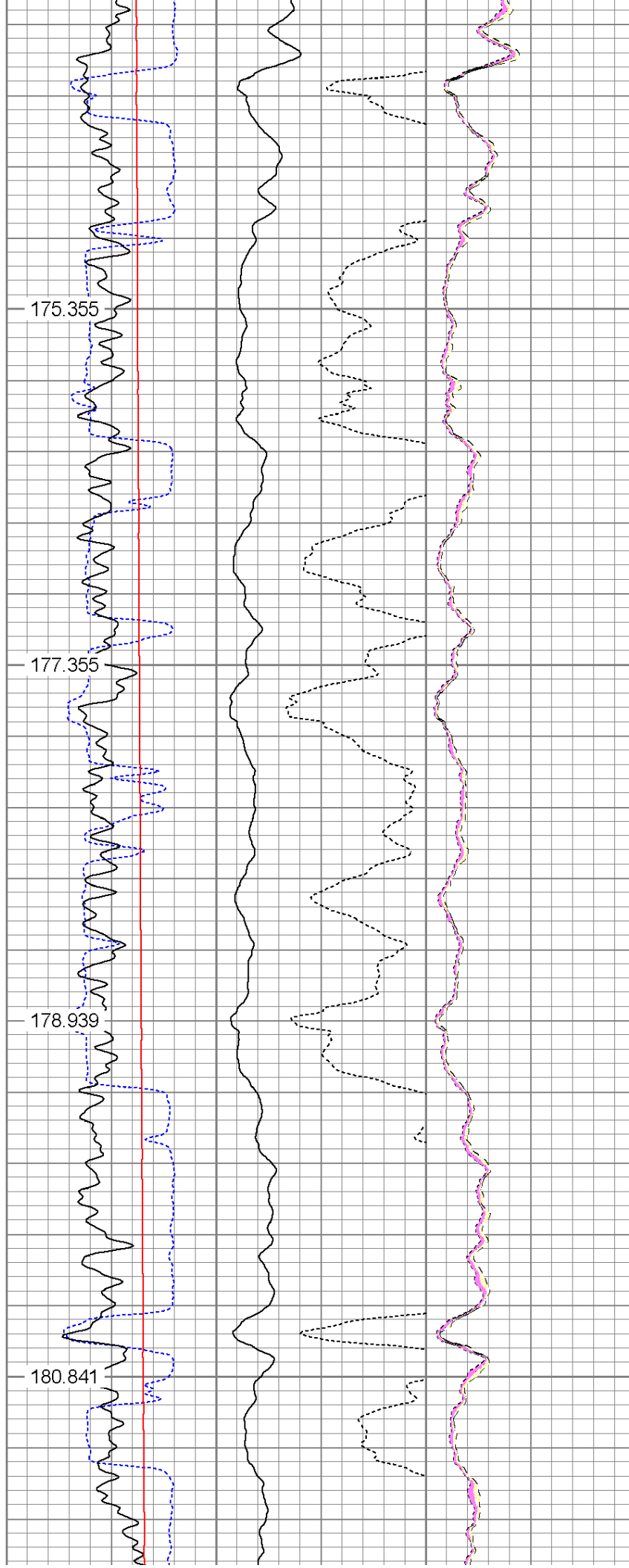
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177.355

178.939

180.841



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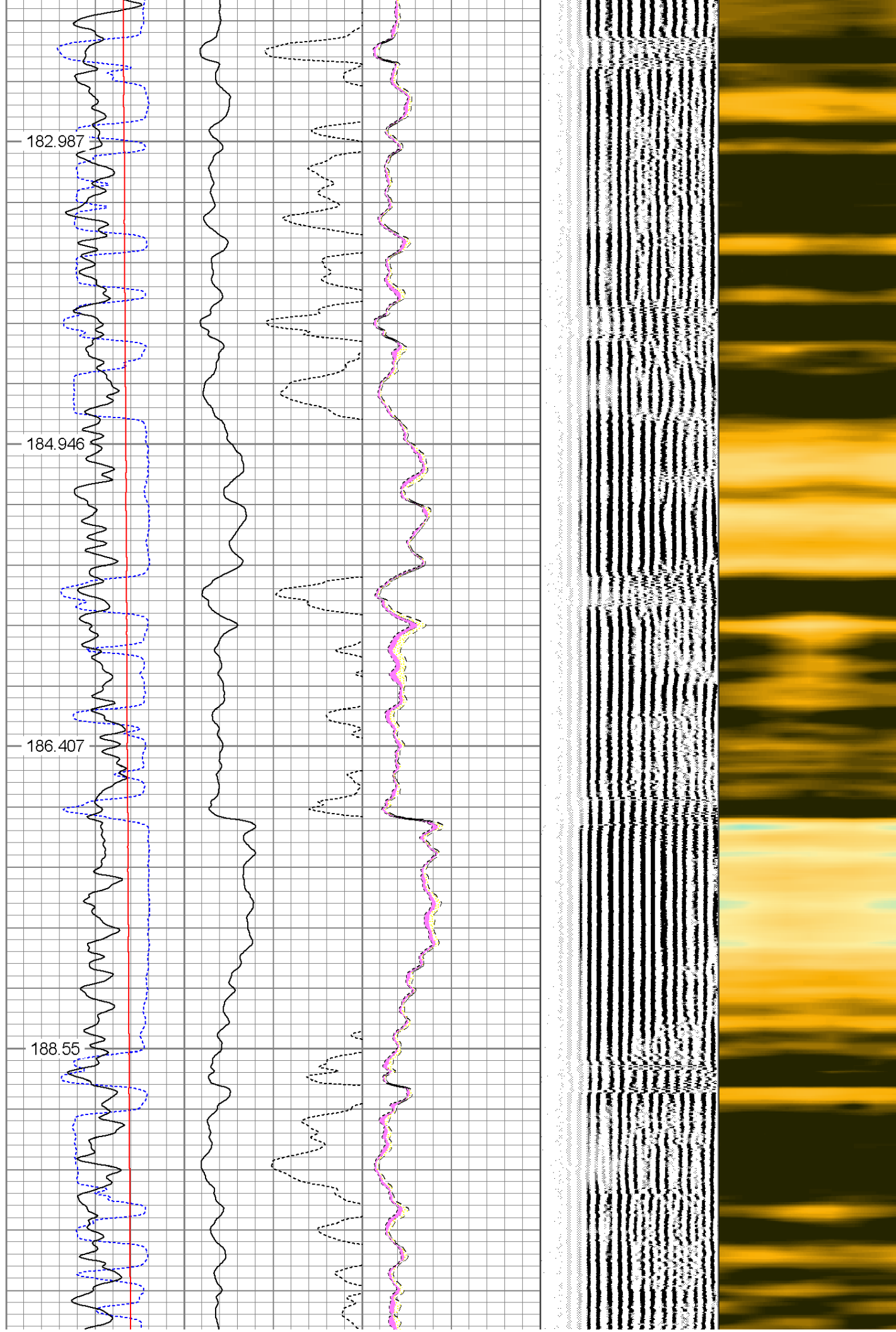
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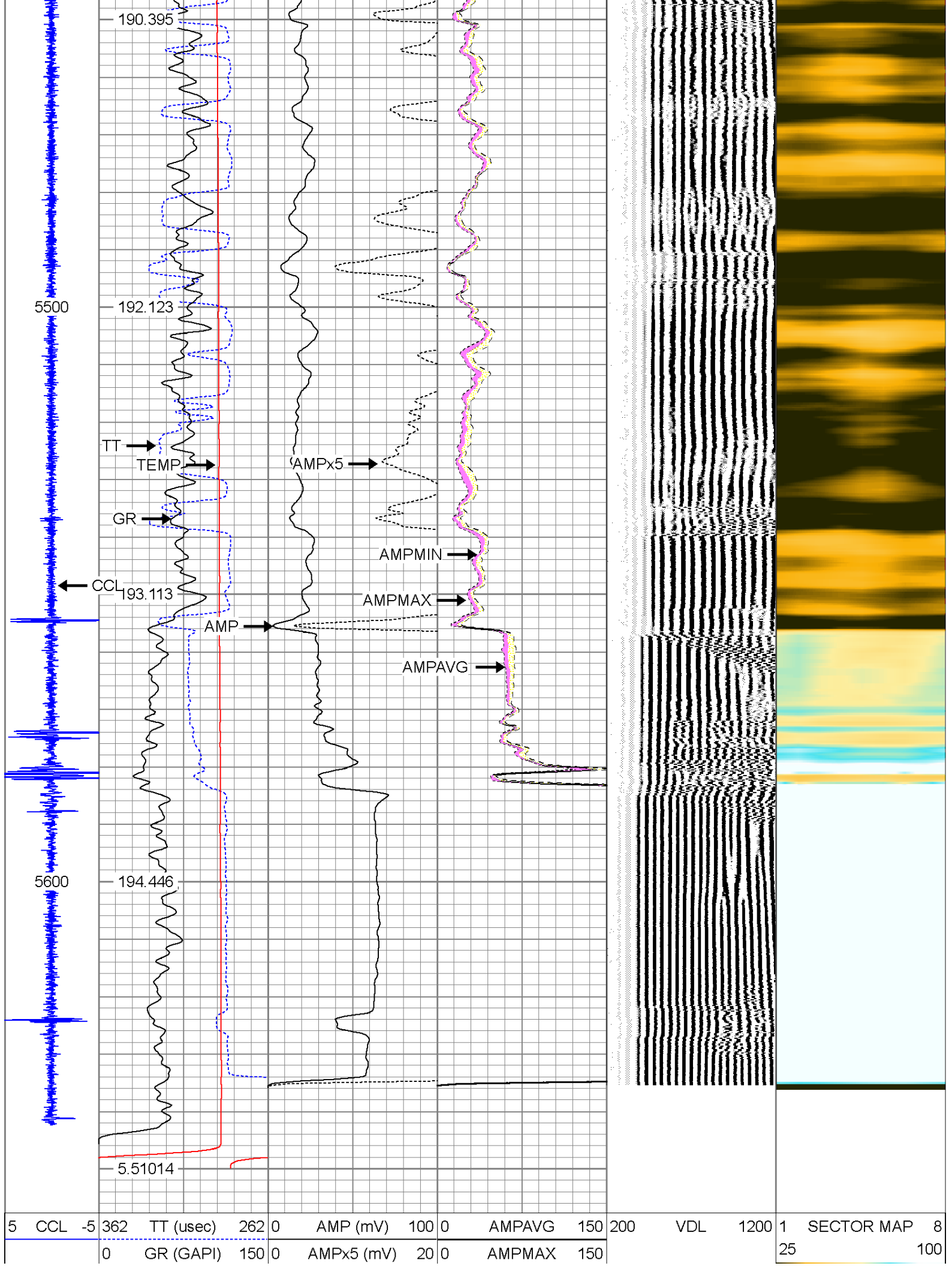
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184.946

186.407

188.55





50	TEMP (degF)	250
TEMP (degF)		

0	AMPMIN	150
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