

Company Anadarko Petroleum Corp.			
Well	Dolph 15C-1HZ	State	Colo.
Field	Wattenberg		
County	Weld		
Company Anadarko Petroleum Corp. Well Dolph 15C-1HZ Field Wattenberg County Weld State Colo.		Location: API # : 05123393320000 470' FNL 2225' FWL NENNW SEC 1 TWP 2n RGE 66w Other Services RBL	
Permanent Datum	GL	Elevation	5013
Log Measured From	KB		K.B. 5026
Drilling Measured From	KB		D.F. 5025
			G.L. 5013
Date of Service	9-15-14		
Run Number	1		
Depth Driller or PBTD	12231		
Depth Logger	6970		
Bottom Log Interval	6958		
Top Log Interval	SURFACE		
Open Hole Size	8.75"		
Type Fluid	WATER		
Fluid Level	SURFACE		
Fluid Density	8.3 PPG		
Max. Recorded Temperature	233		
Max. Wellhead Pressure	2800#		
Wellhead Connection	10 k 7 1/16"		
Estimated Cement Top	SURFACE		
Unit Number	24		
Wireline Size	9/32		
Location	FT. MORGAN		
Recorded By	NATHAN BIVENS		
Witnessed By	DONNIE FREDRICK		
	Size	W/Ft	Top
Tubing Record			Bottom
Surface Casing			
Production Casing	7"	26#	SURFACE
Liner Record			6831

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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. # 2-220046

THANK YOU FOR USING PIONEER WIRELINE SERVICES

Your Pioneer Wireline Services Crew	Tool Data - Services	Serial Number
Engineer: BIVENS Operator: BRIGANTE Operator: BAESSLER Operator: KRIEN		

Calibration Report

Database File: 05123393320000_dolph_15c_1hz_rbl.db
 Dataset Pathname: pass4
 Dataset Creation: Mon Sep 15 15:20:41 2014 by Log 7.0 B1

Temperature Calibration Report

Serial Number: P071024
 Tool Model: Probe
 Performed: Tue Jul 01 15:54:50 2014

	Reference	Reading
Low Reference:	56.00 degF	596.24 cps
High Reference:	100.00 degF	1200.00cps
Gain:	0.09	
Offset:	10.96	
Delta Spacing	1	

Gamma Ray Calibration Report

Serial Number: 030606
 Tool Model: Probe275
 Performed: Thu Jul 03 10:46:52 2014

Calibrator Value:	138.0	GAPI
Background Reading:	35.9	cps
Calibrator Reading:	244.8	cps
Sensitivity:	0.7607	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: 4.5040904
 Tool Model: Probe

Calibration Casing Diameter:	7.000	in
Calibration Depth:	347.908	ft

Master Calibration, performed Mon Sep 15 14:54:03 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.016	0.378	1.000	62.165	168.533	-1.615
CAL	0.575	0.502				
5'	0.051	0.308	1.000	62.165	237.866	-11.068
SUM						
S1	0.013	0.335	0.000	95.000	294.855	-3.732
S2	0.014	0.359	0.000	95.000	275.405	-3.799
S3	0.015	0.395	0.000	95.000	250.093	-3.740
S4	0.016	0.436	0.000	95.000	226.009	-3.556
S5	0.015	0.438	0.000	95.000	224.821	-3.455
S6	0.016	0.400	0.000	95.000	247.548	-3.913
S7	0.015	0.356	0.000	95.000	278.151	-4.129
S8	0.013	0.331	0.000	95.000	299.335	-4.005

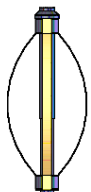
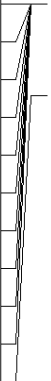
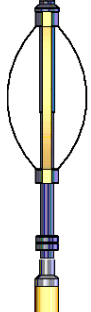
Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

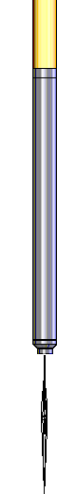
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset

CAL 0.000 0.000 0.575 0.502 1.000 0.000

Air Zero Calibration, performed Thu Feb 23 11:04:07 2012:

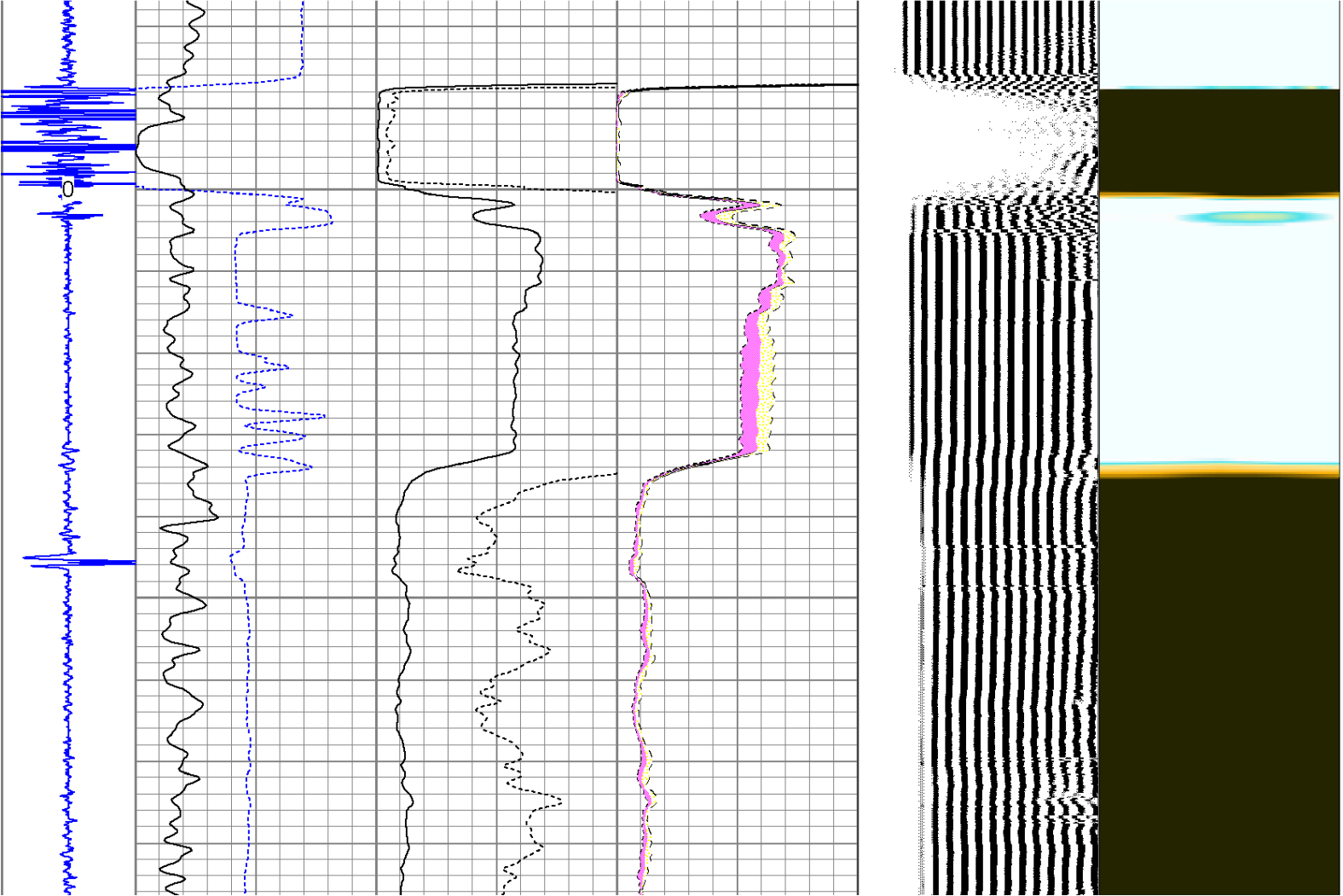
	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

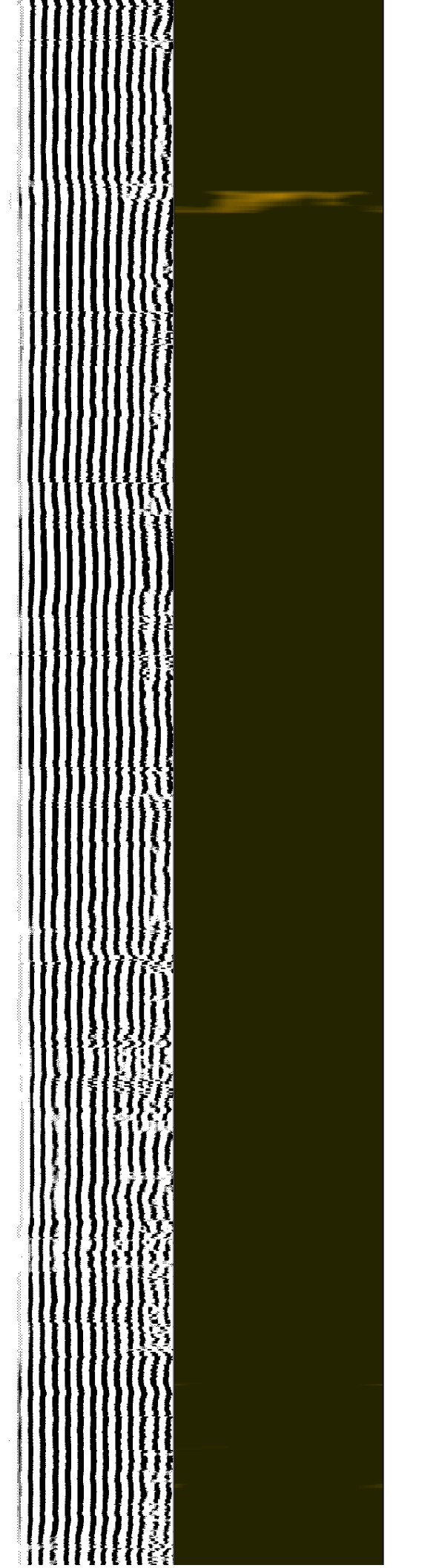
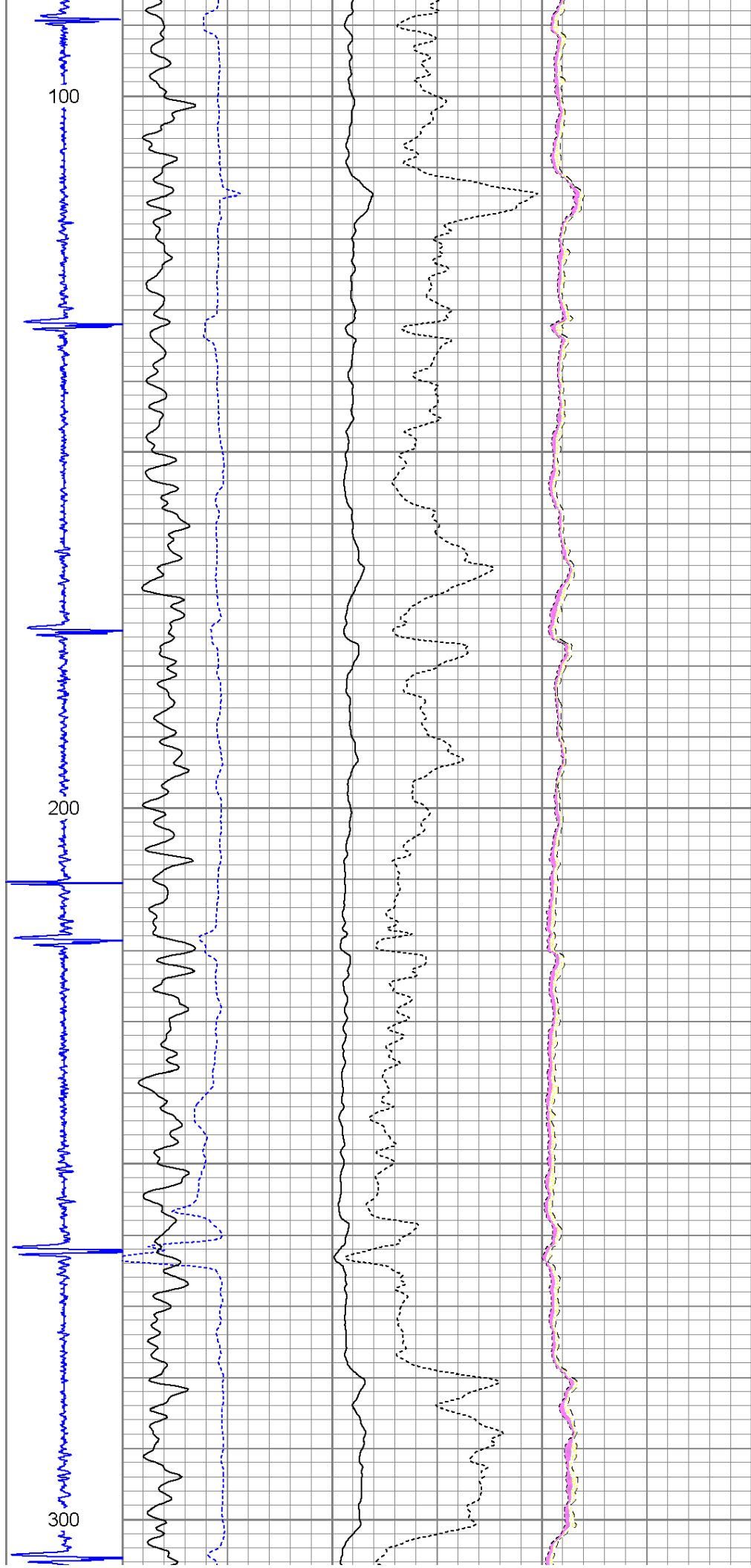
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
WVFS3FT	13.18		RBT-Probe (4.5040904) Prototype Probe Radii Bond Tool with Digital Telemetry	8.88	2.75	90.00
WVFCAL	13.18					
WVFS1	13.18					
WVFS2	13.18					
WVFS3	13.18					
WVFS4	13.18					
WVFS5	13.18					
WVFS6	13.18					
WVFS7	13.18					
WVFS8	13.18					
WVFS5FT	12.18		PTS275	2.83	2.75	

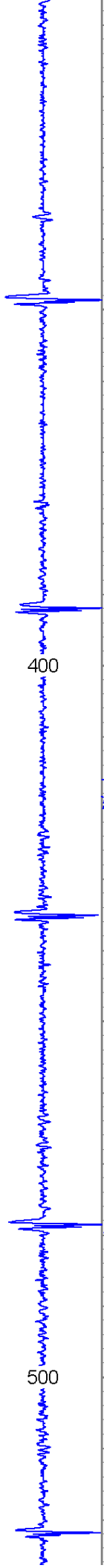
CCL	5.18					
GR	3.85		GR-Probe275 (030606)	4.54	2.75	57.00
TEMP	0.01		TEMP-Probe (P071024) Probe temp tool	1.55	1.69	5.00
Dataset: 05123393320000_dolph_15c_1hz_rbl.db: field/well/run1/pass4 Total Length: 20.63 ft Total Weight: 152.00 lb O.D.: 2.75 in						

Database File:	05123393320000_dolph_15c_1hz_rbl.db
Dataset Pathname:	pass4
Presentation Format:	scbl02
Dataset Creation:	Mon Sep 15 15:20:41 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		75
									0	AMPMIN	150						

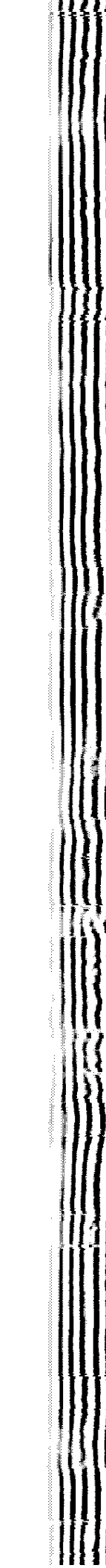
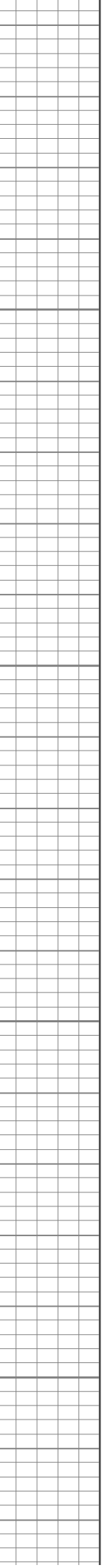
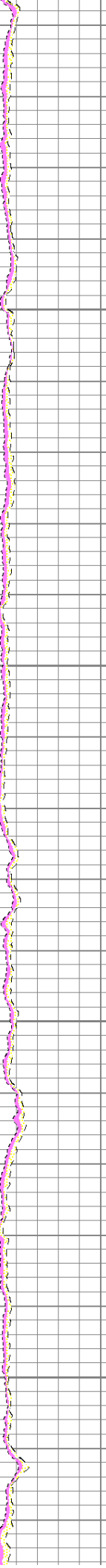
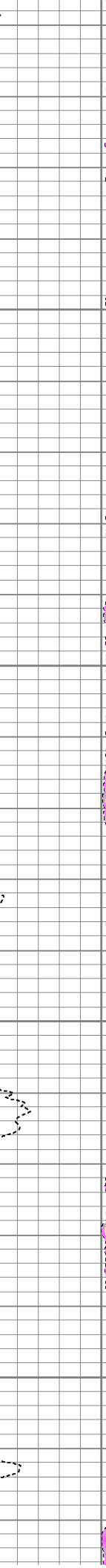
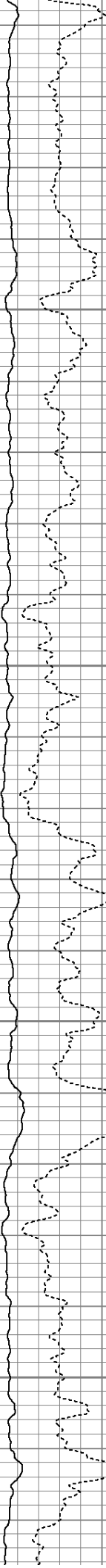
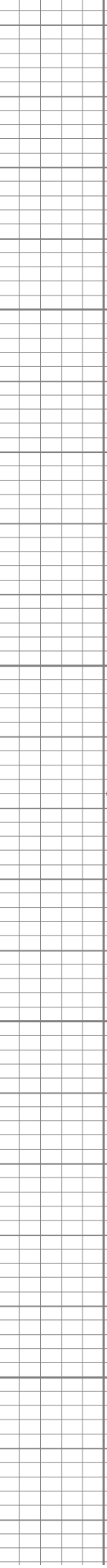


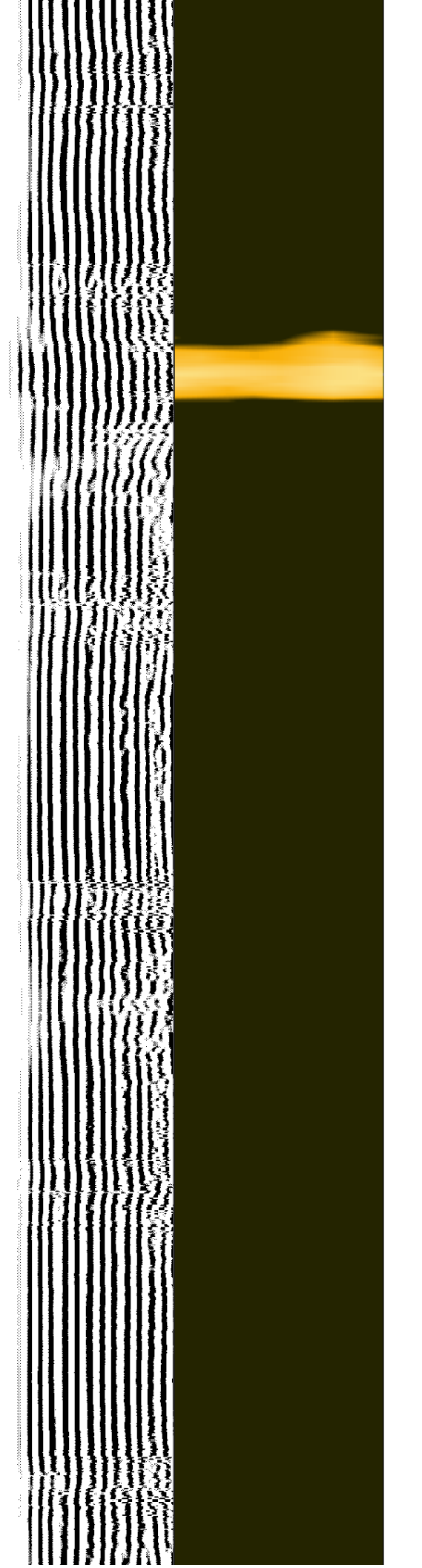
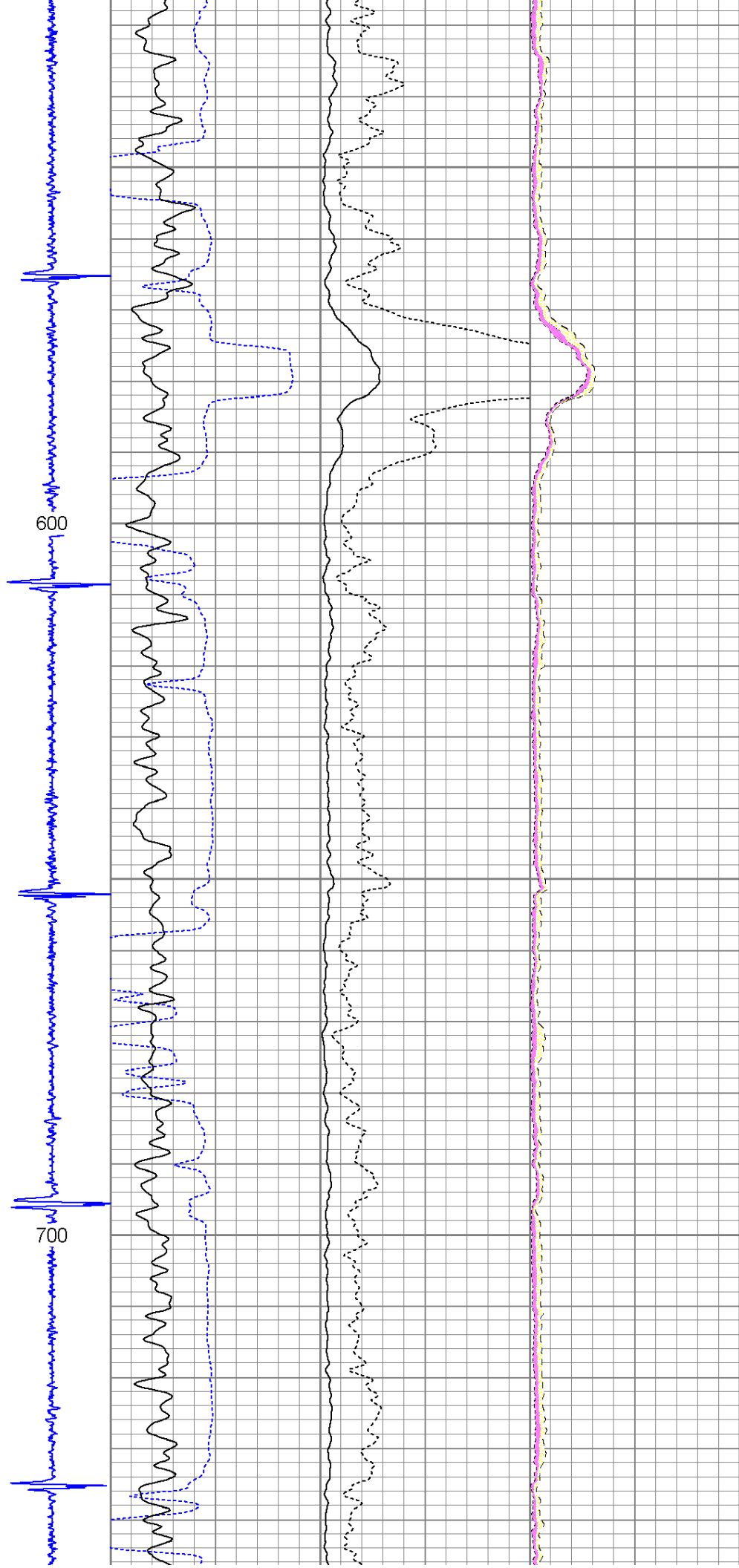


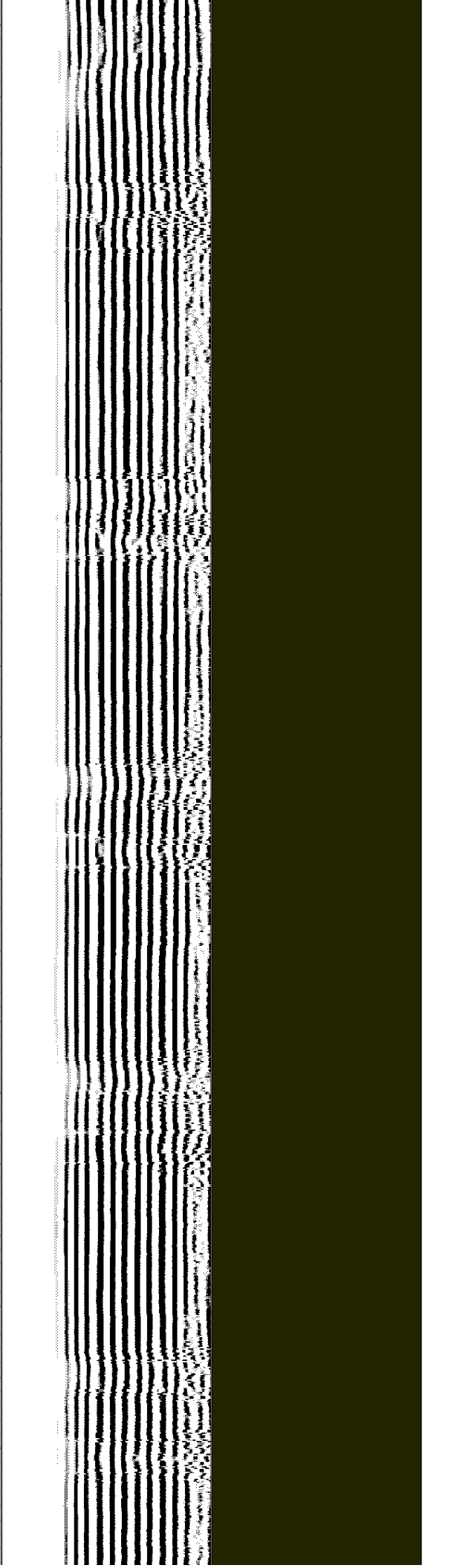
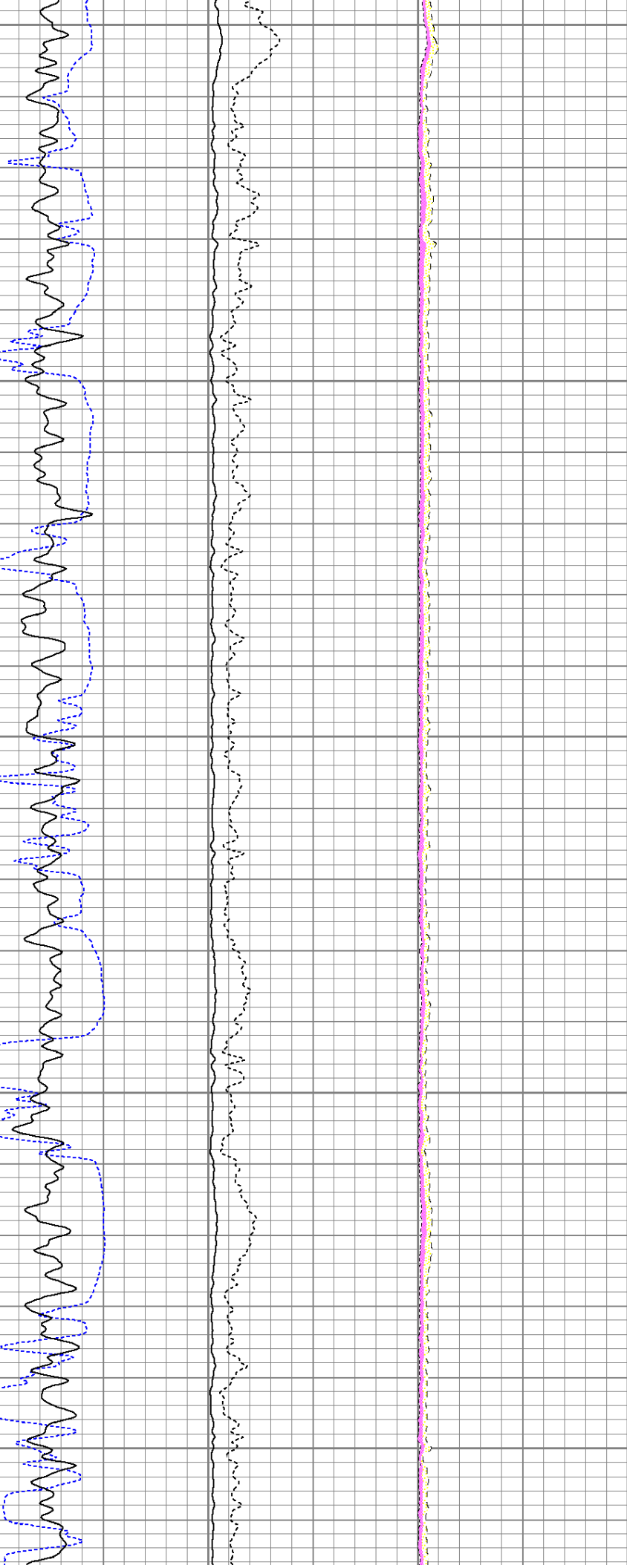
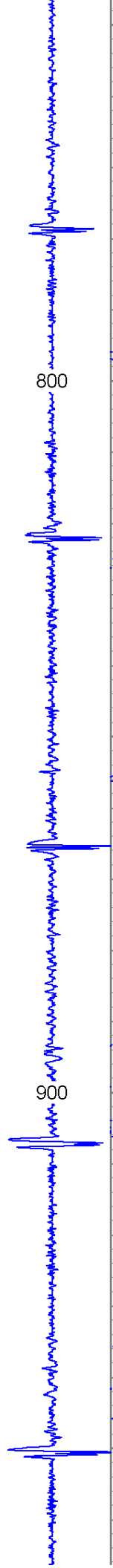


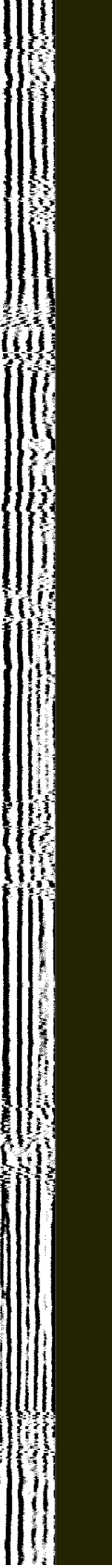
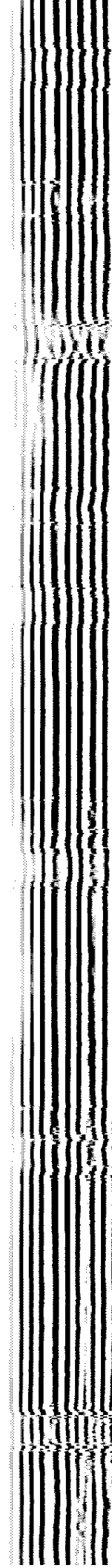
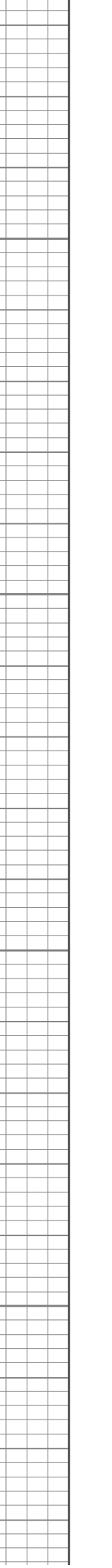
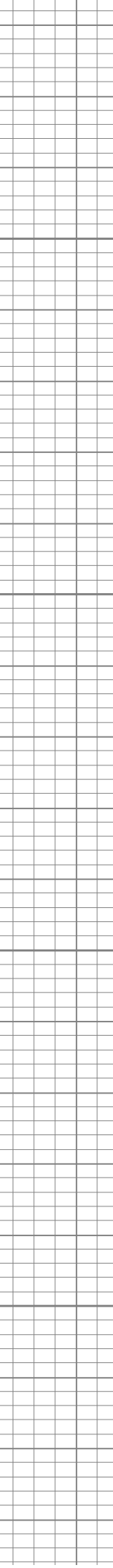
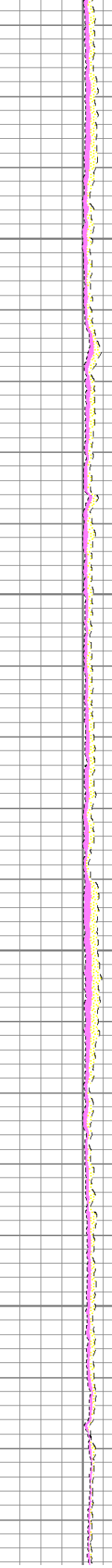
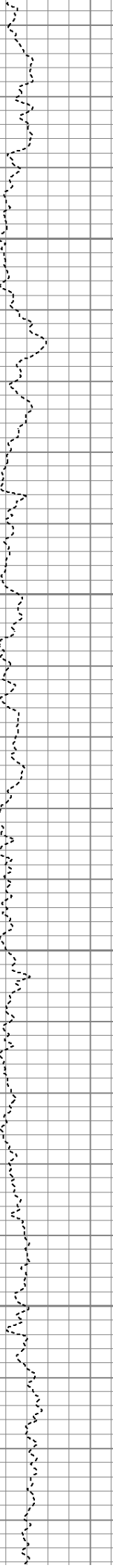
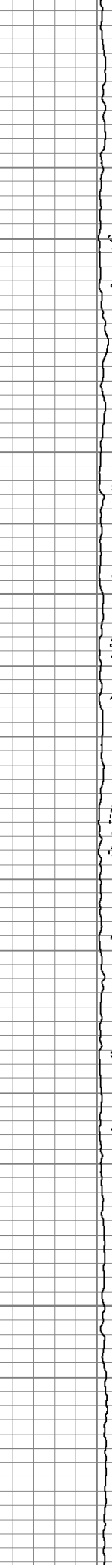
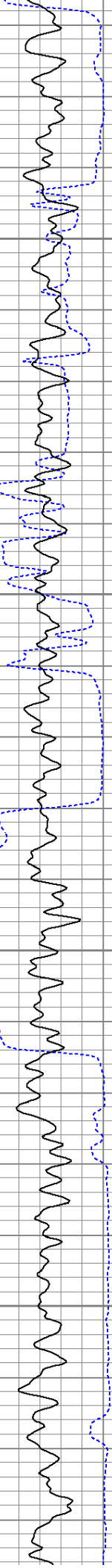
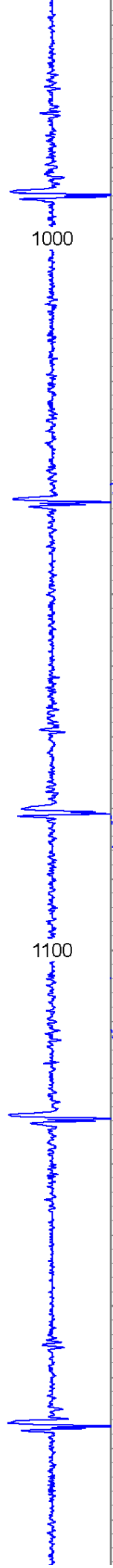
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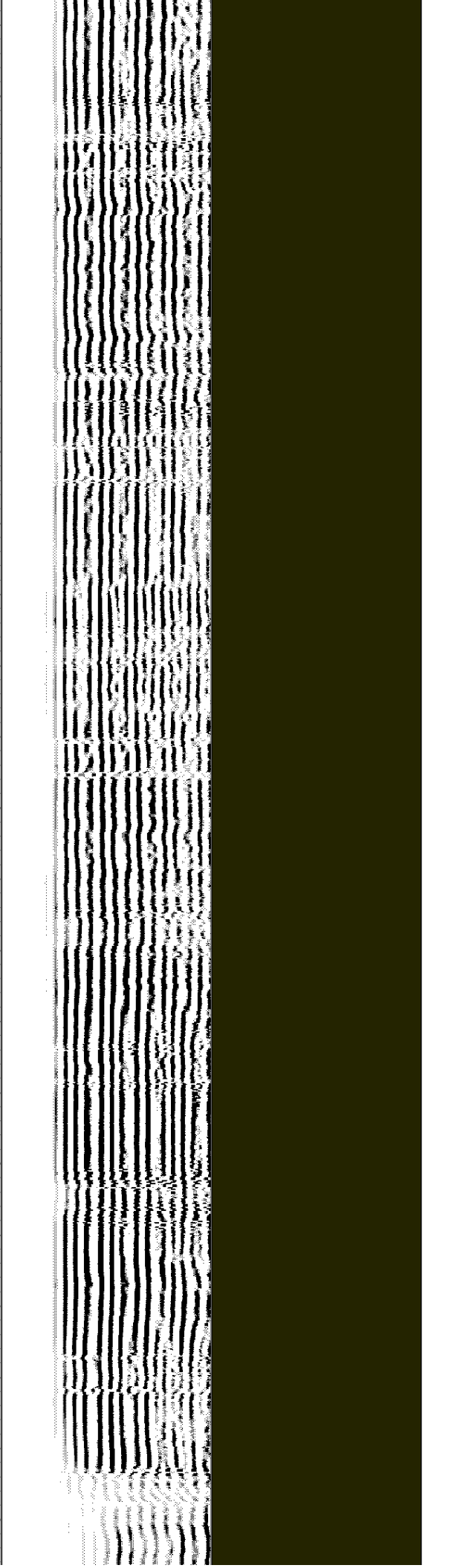
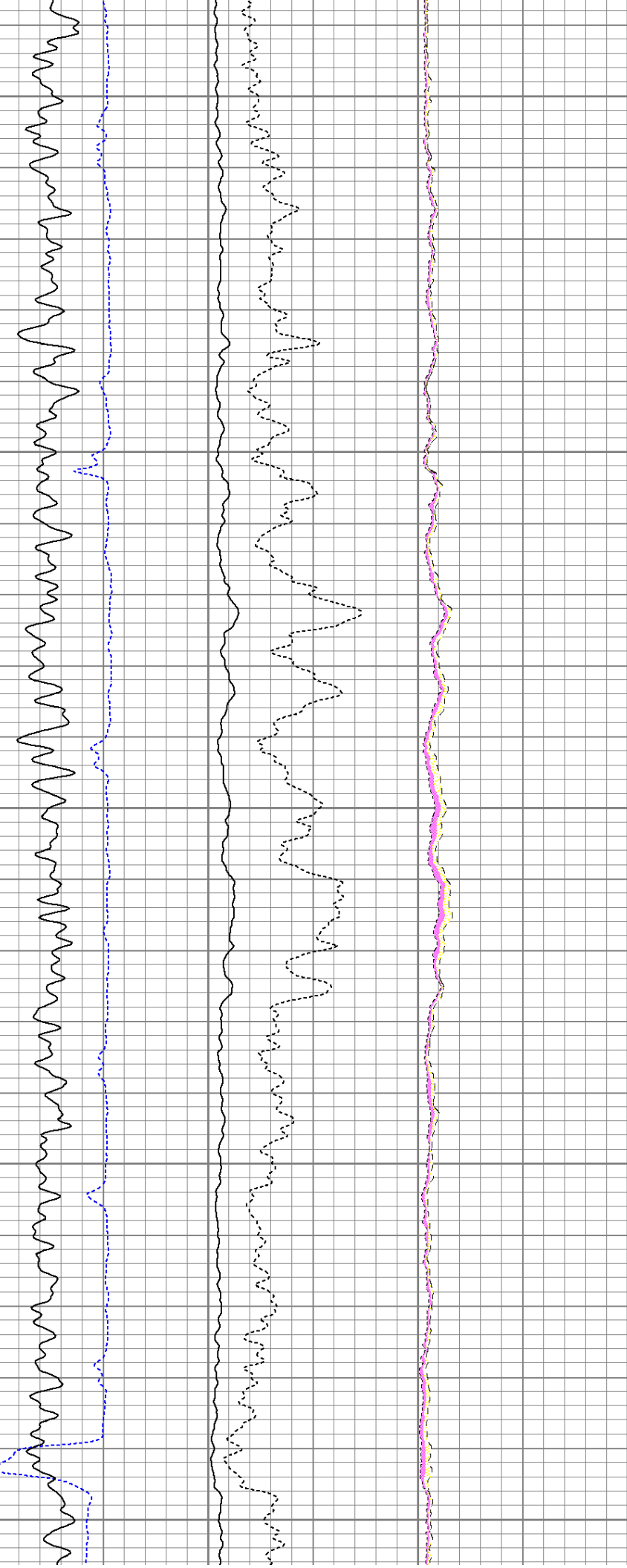
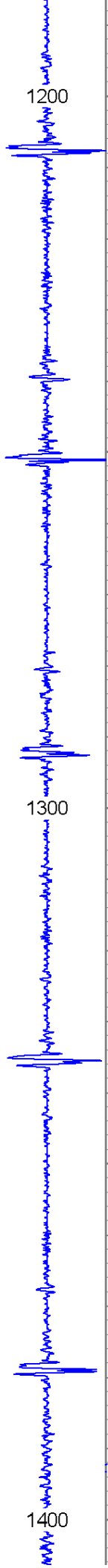
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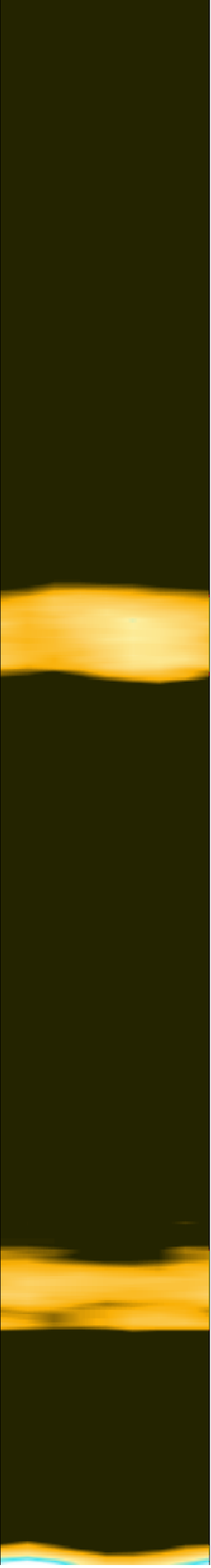
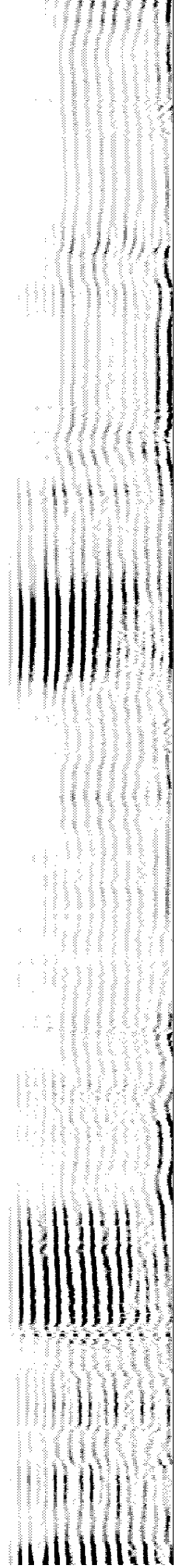
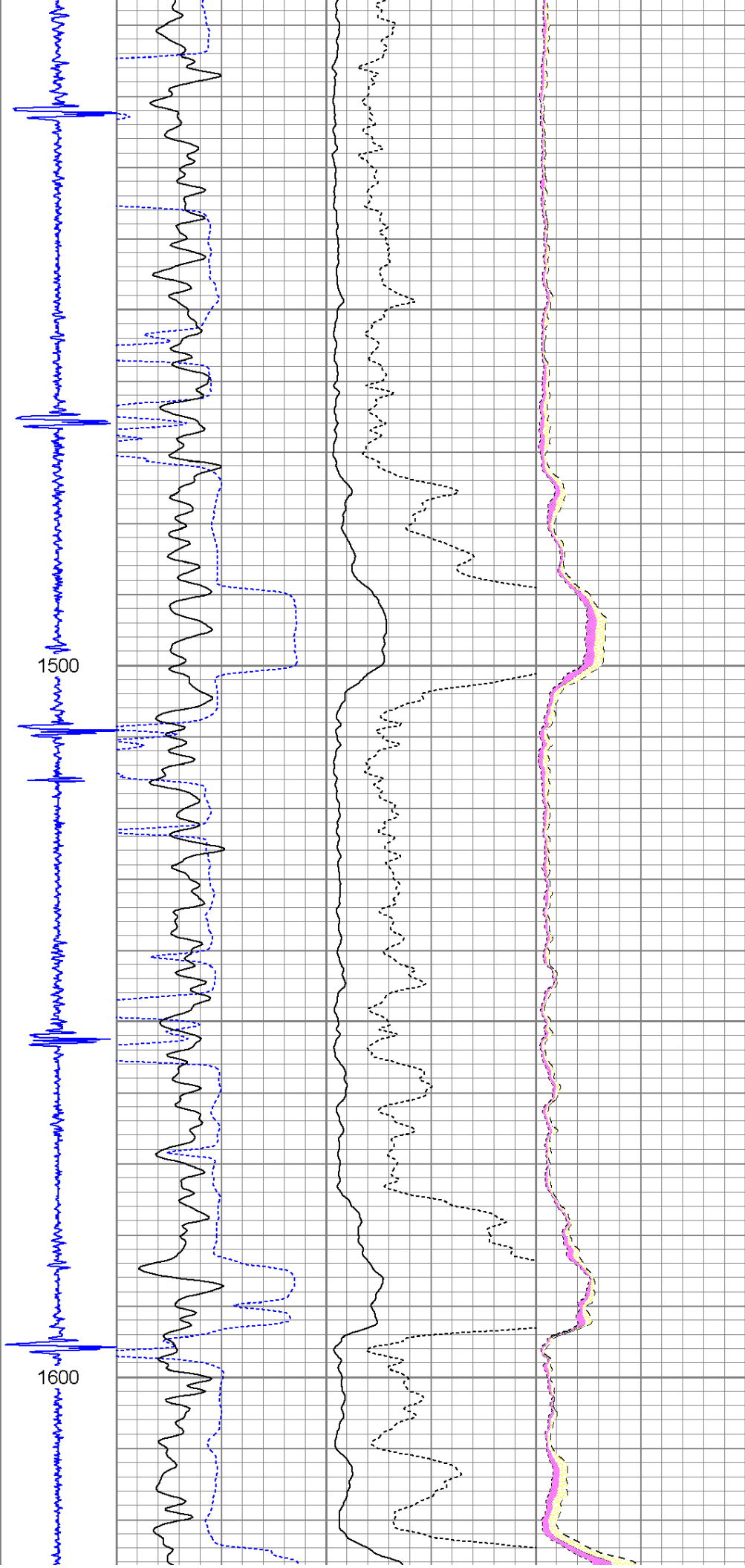


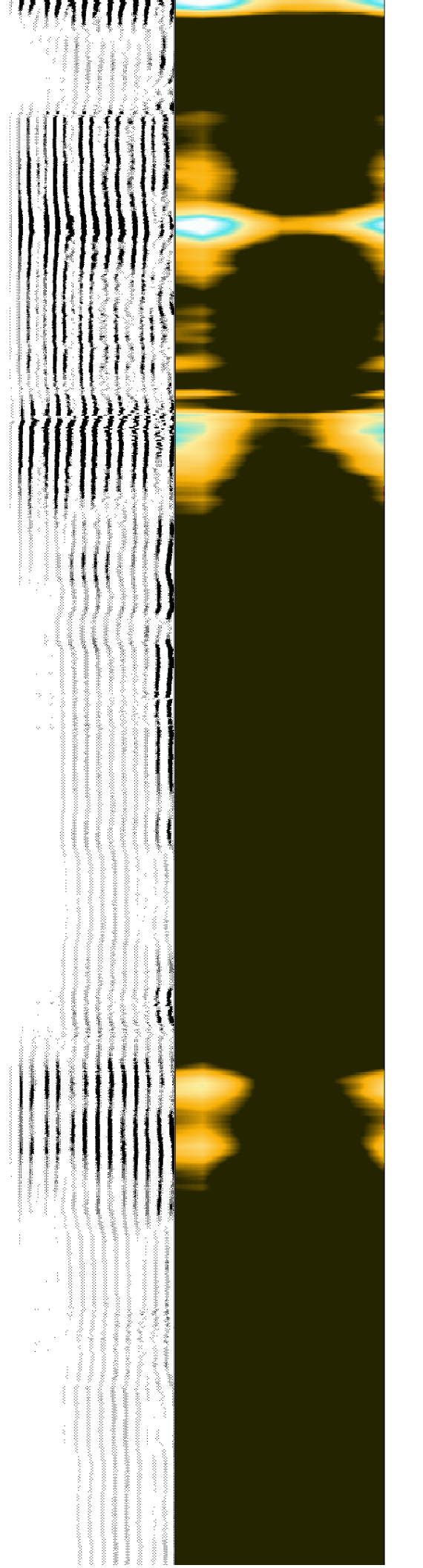
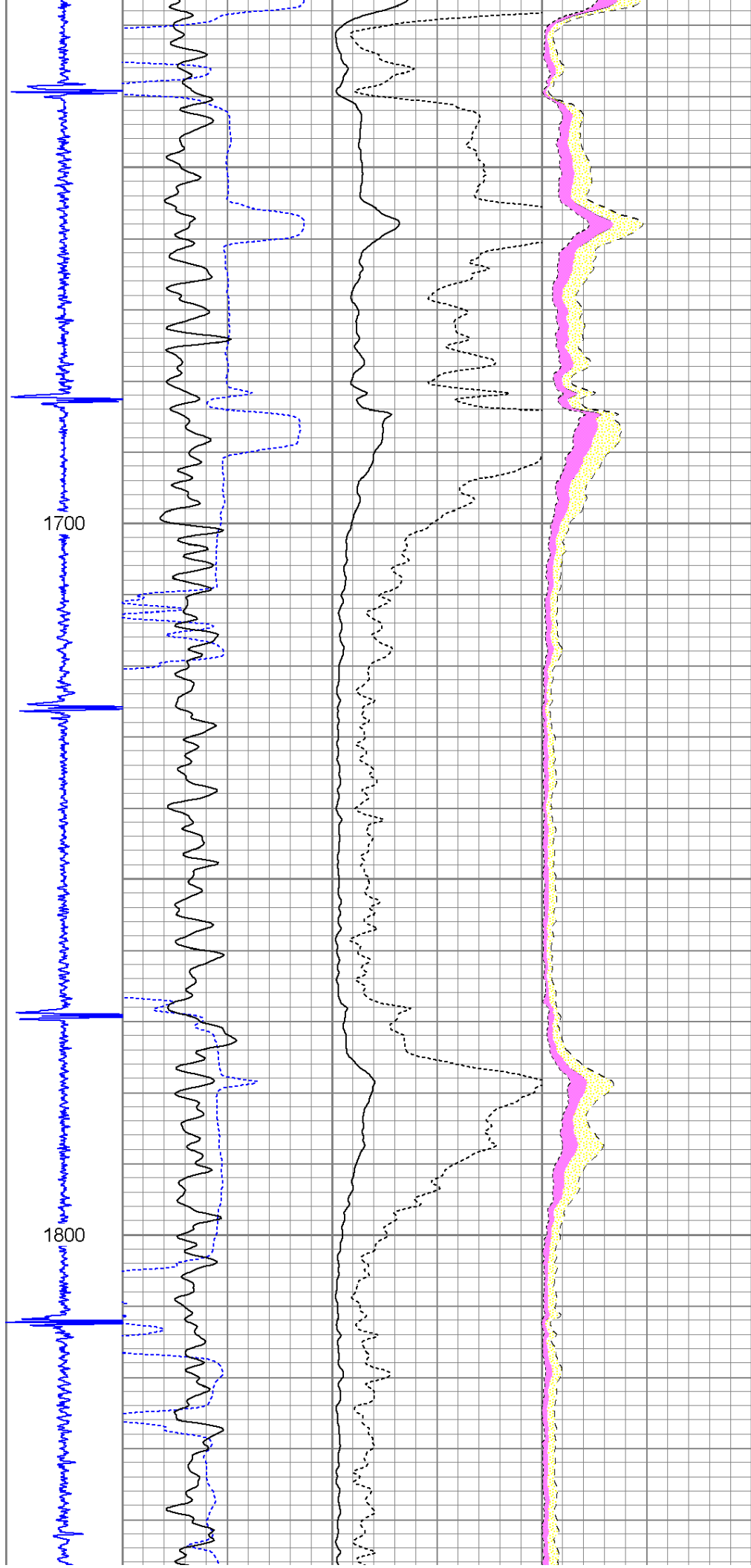


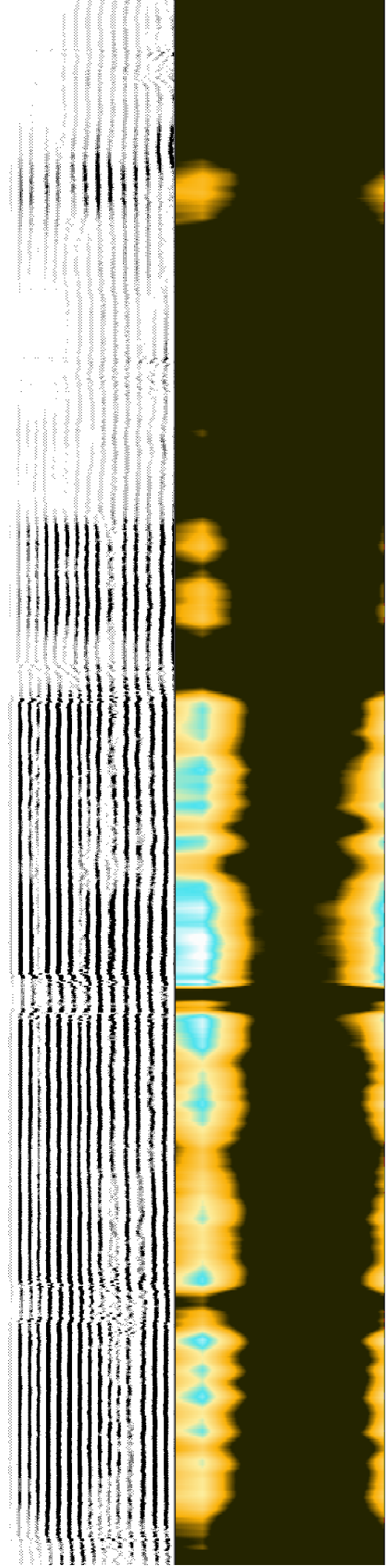
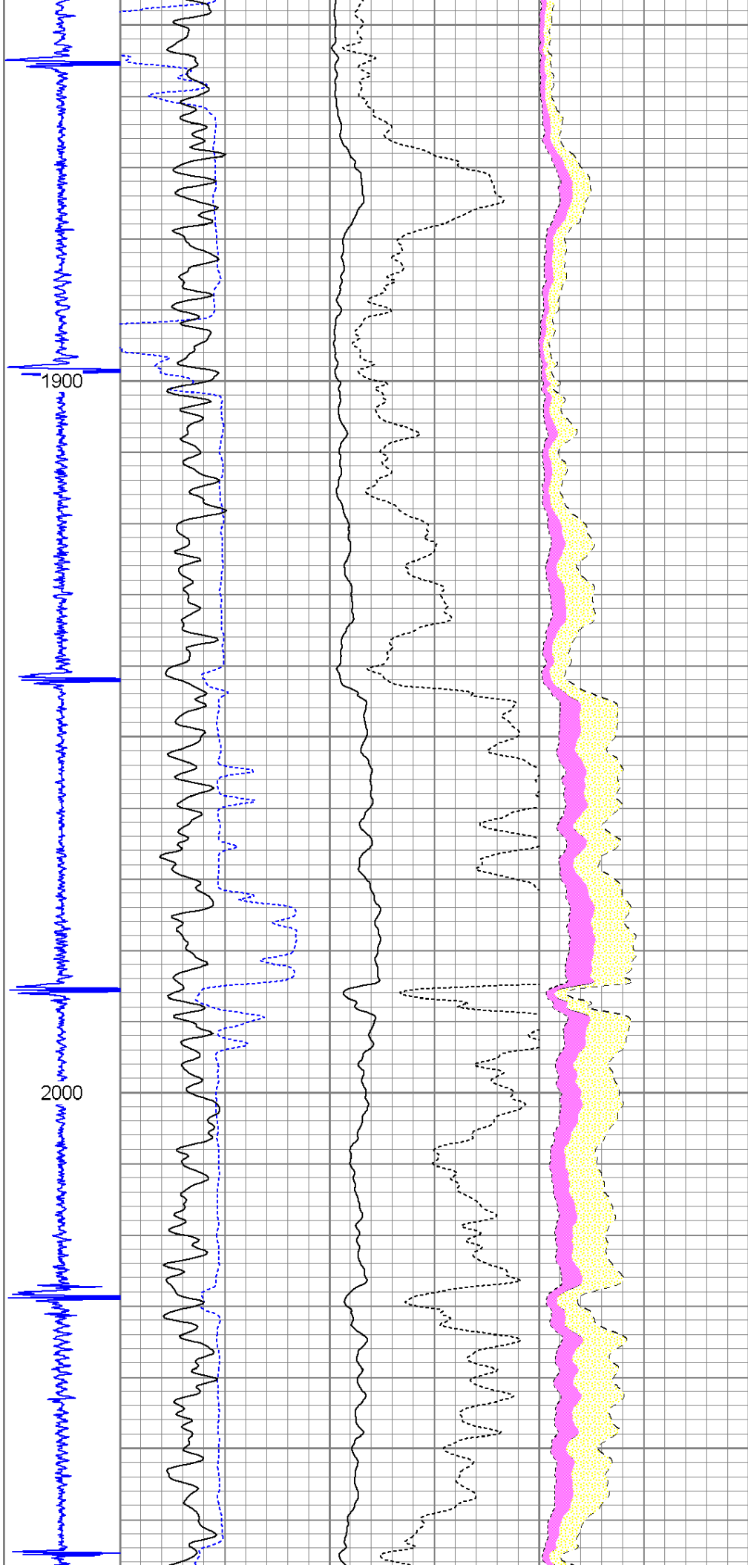


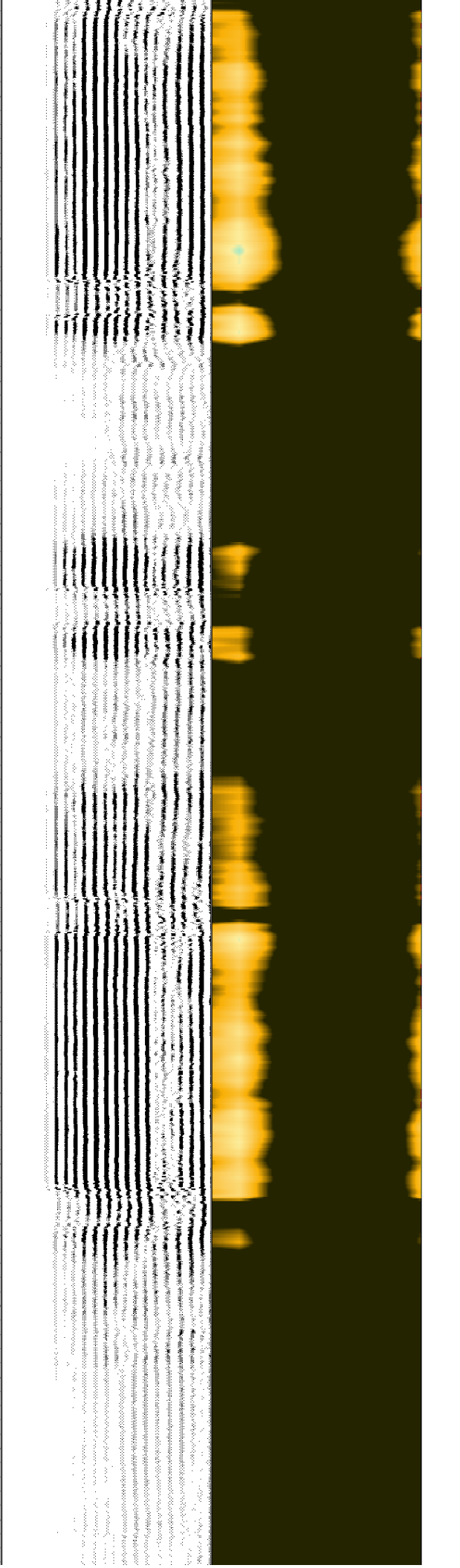
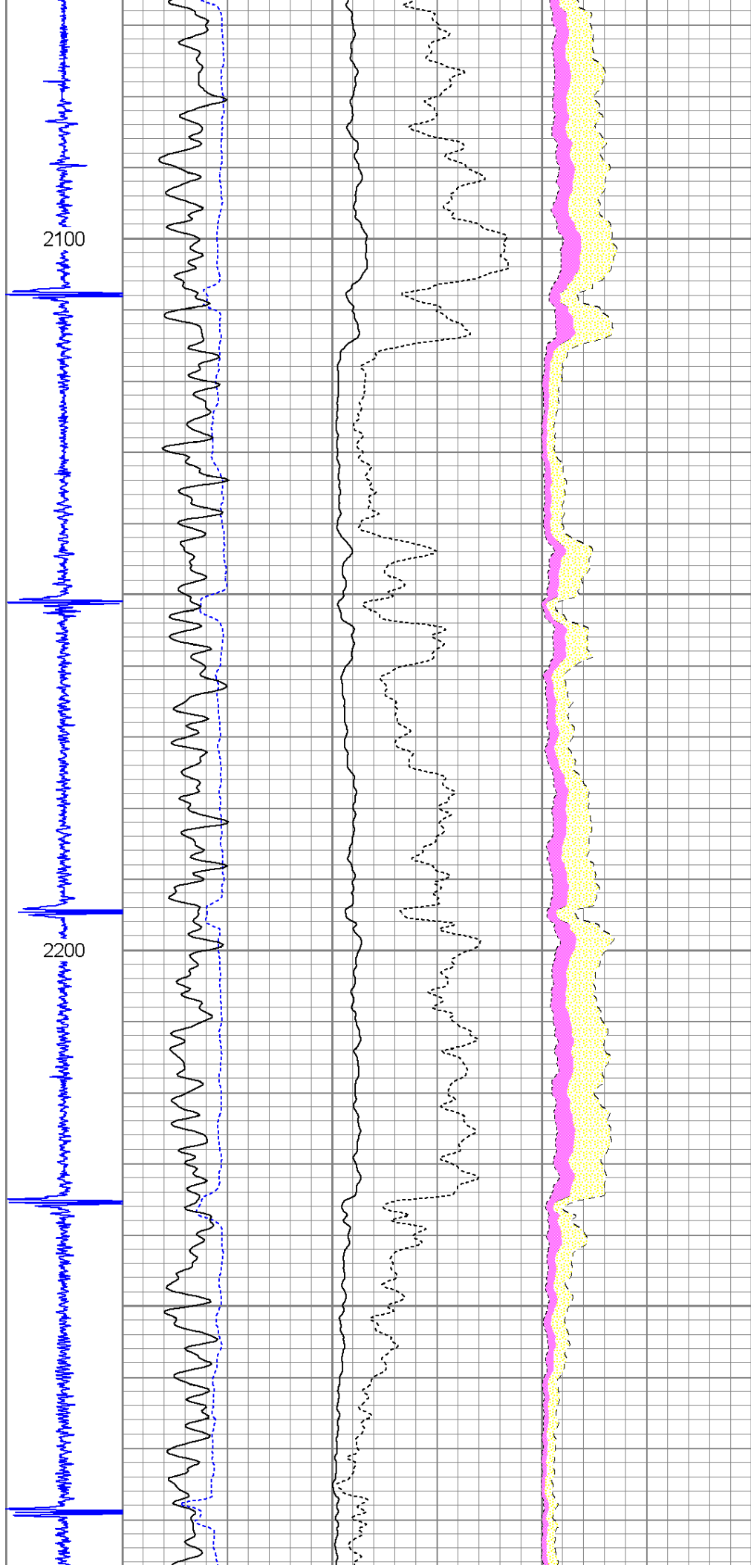


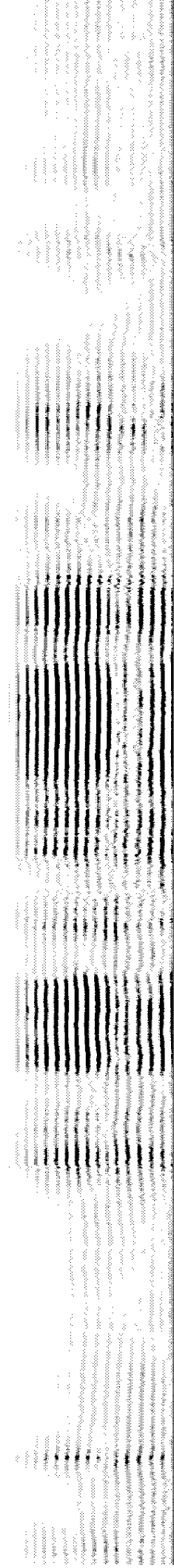
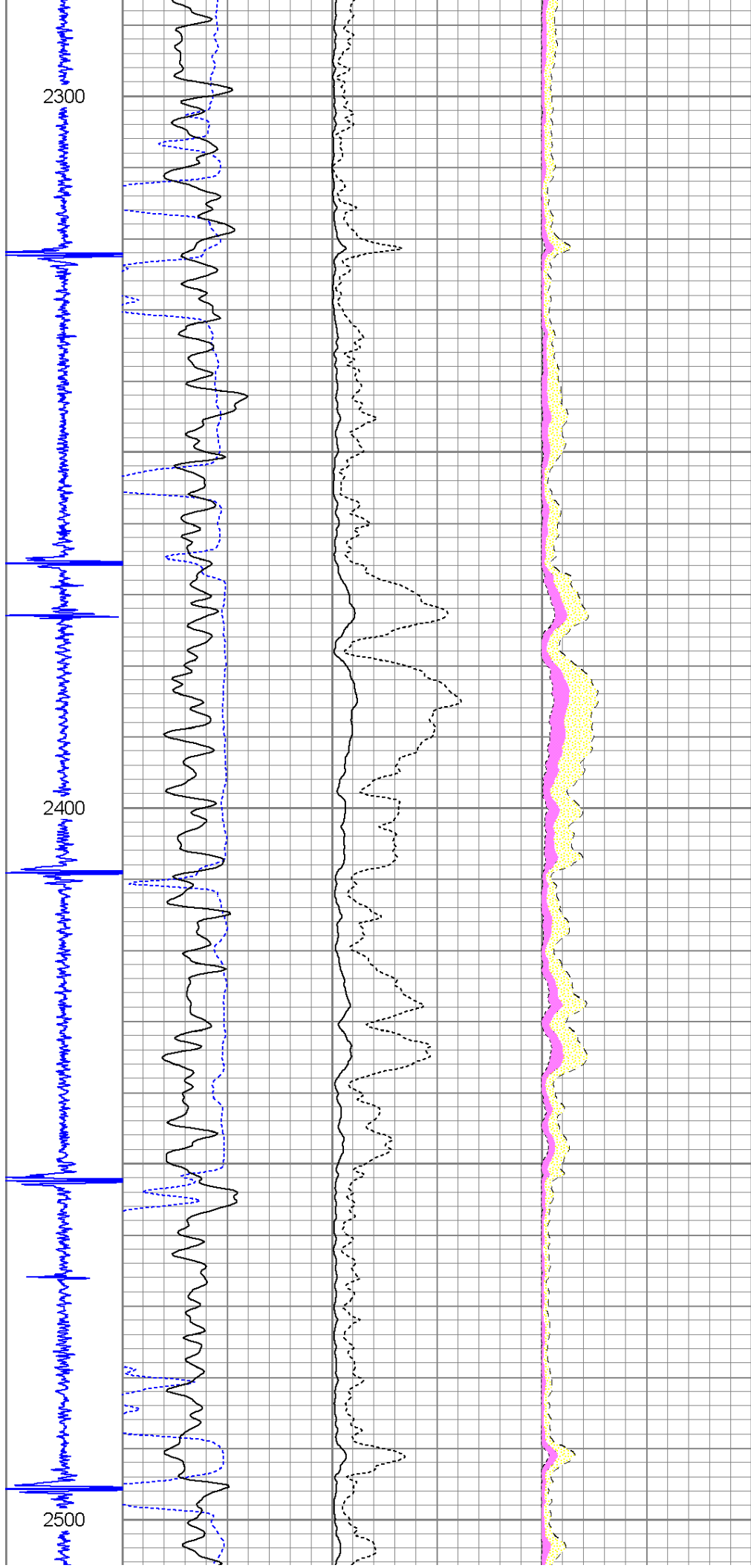


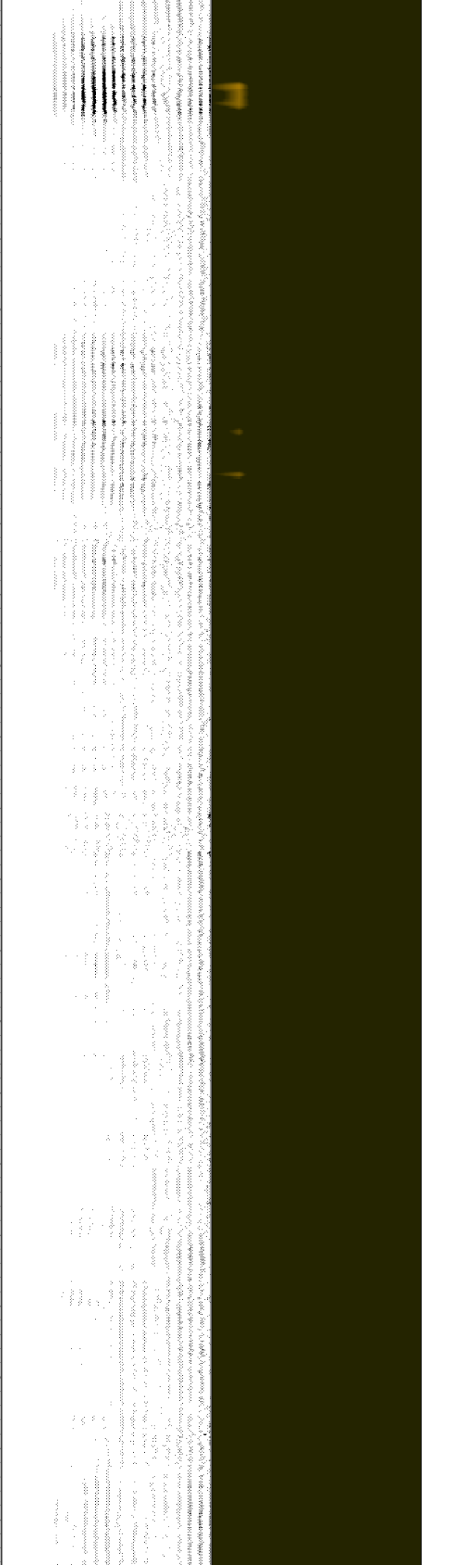
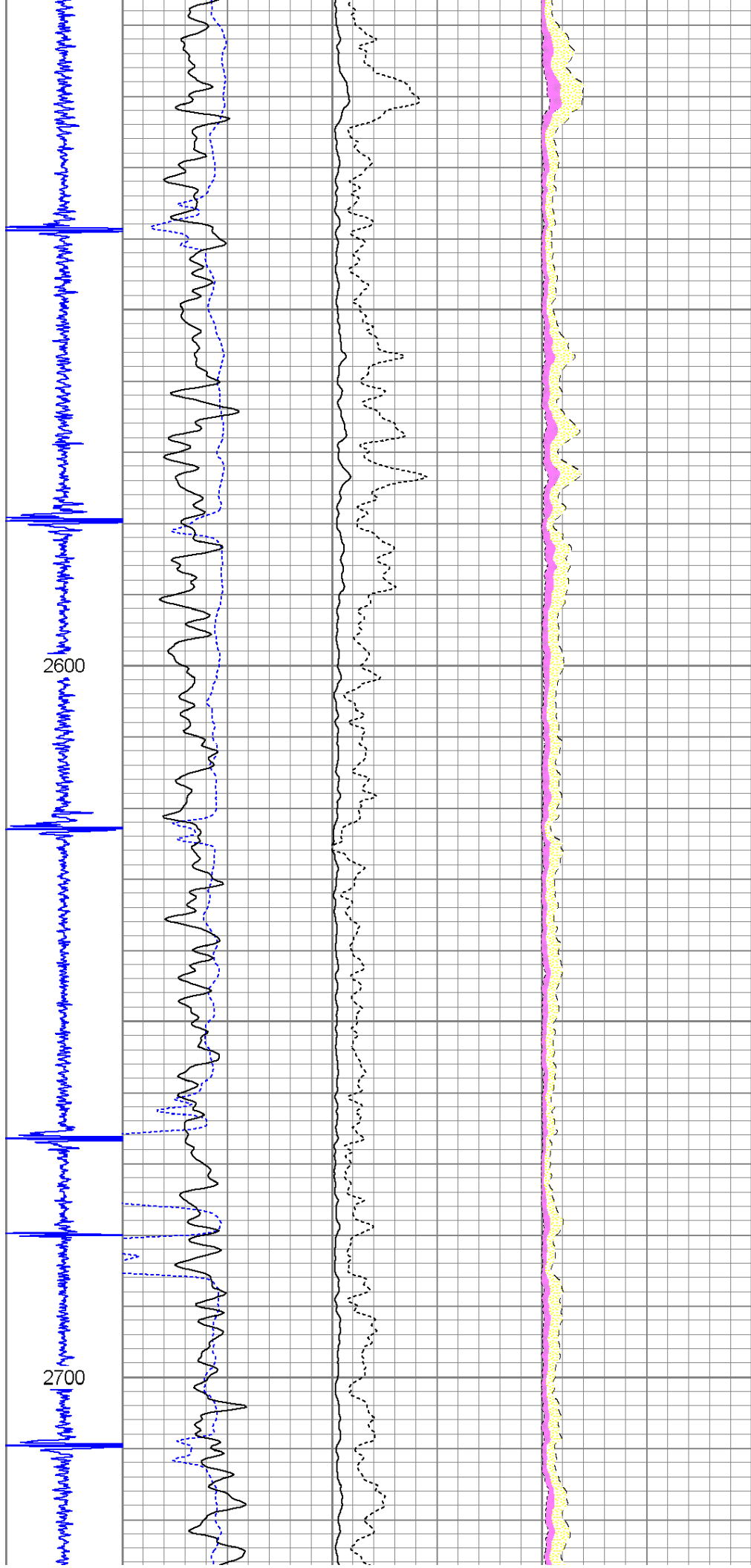


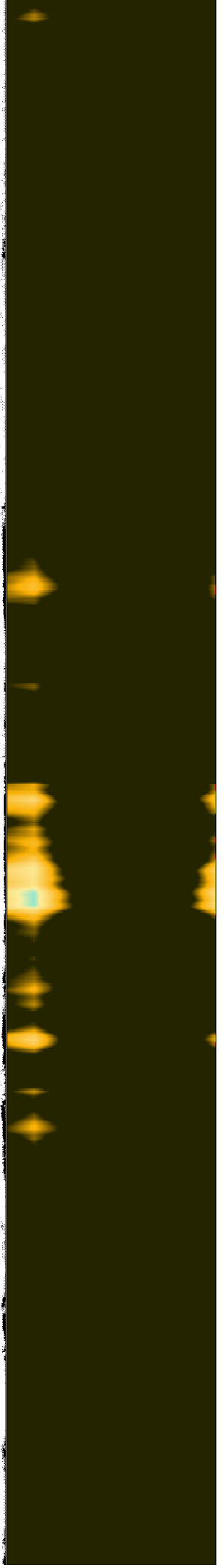
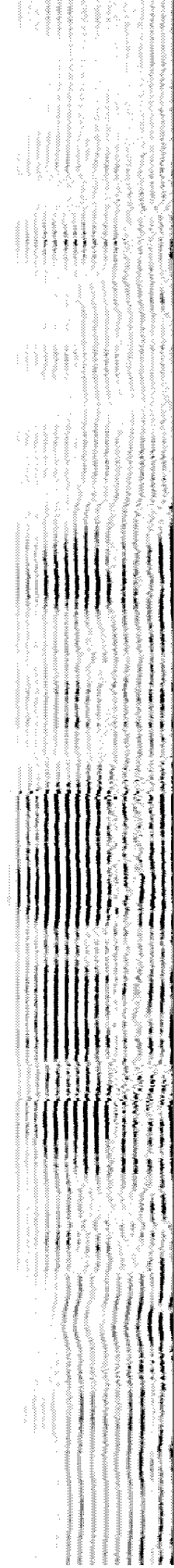
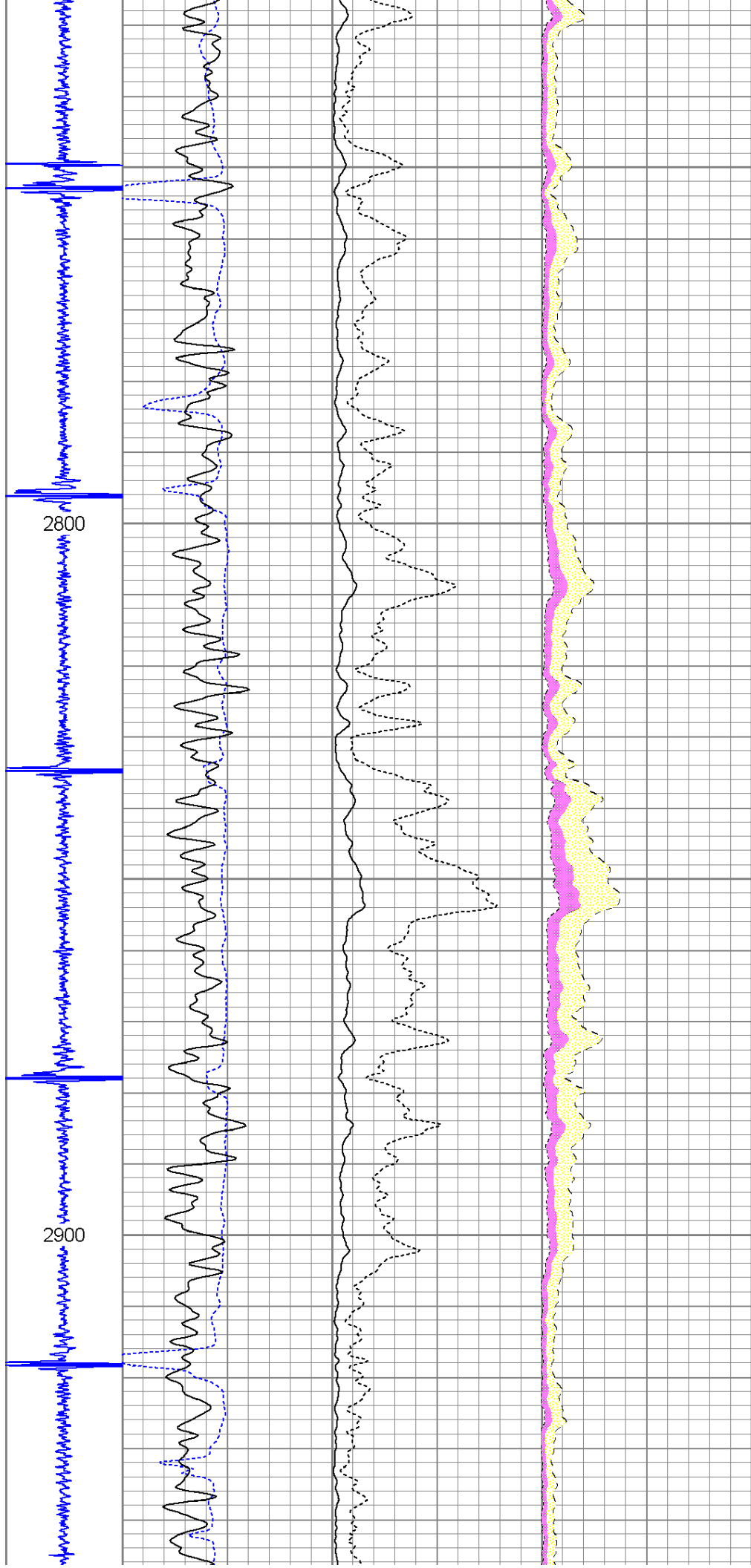


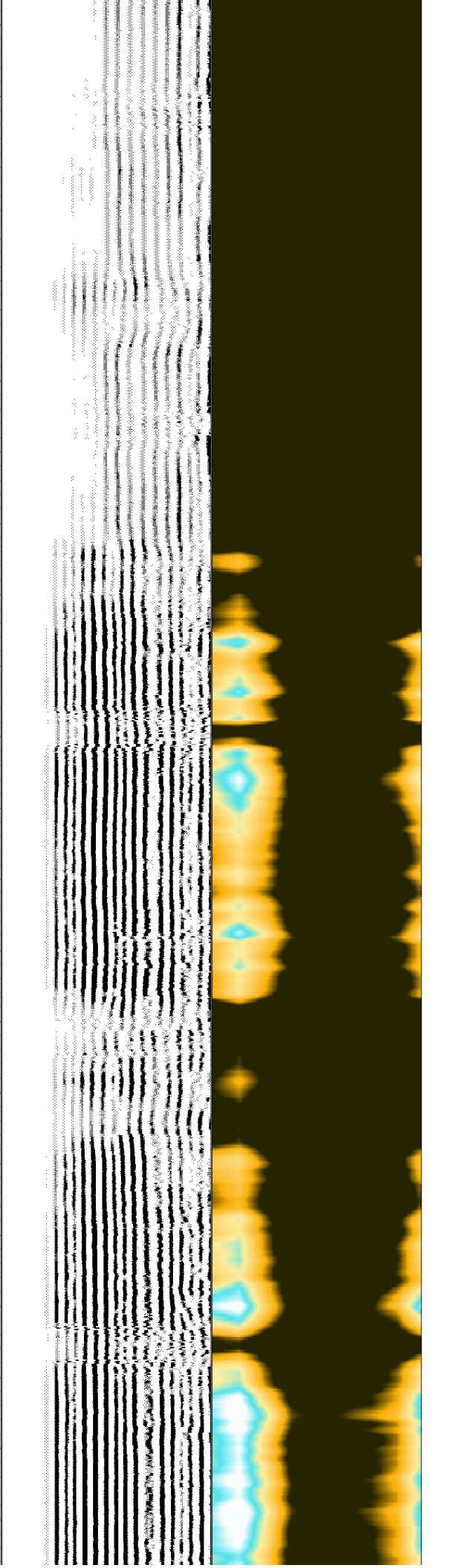
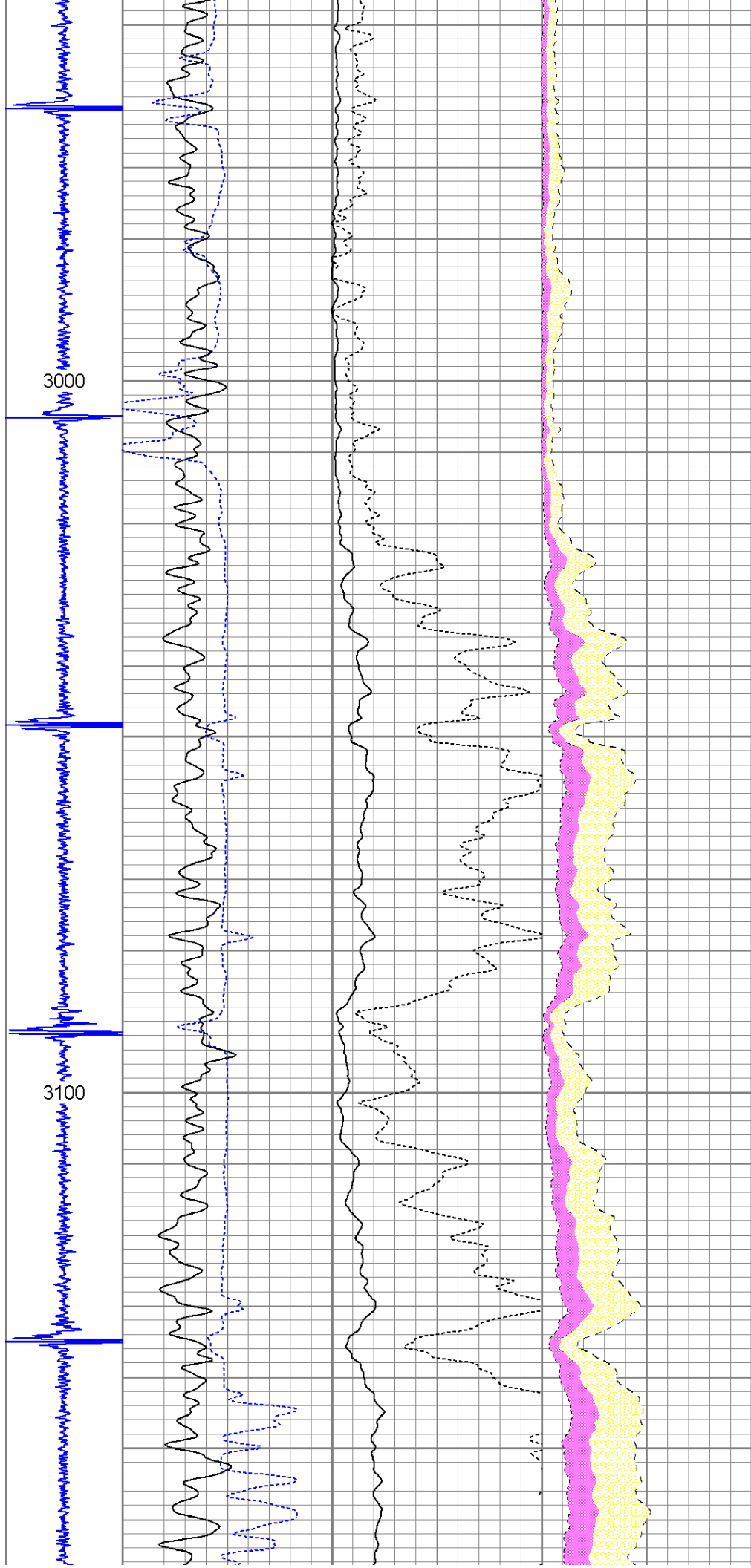


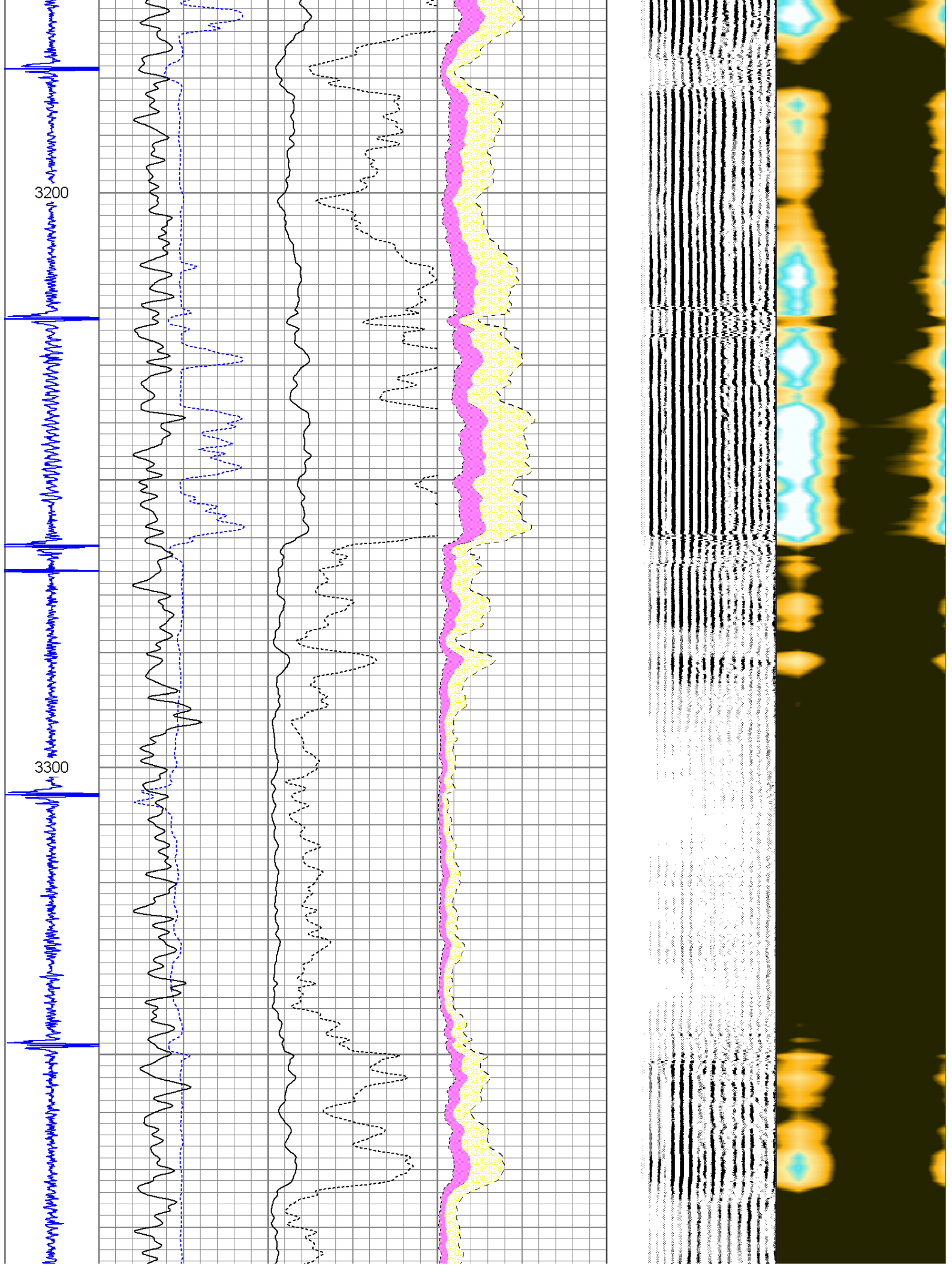


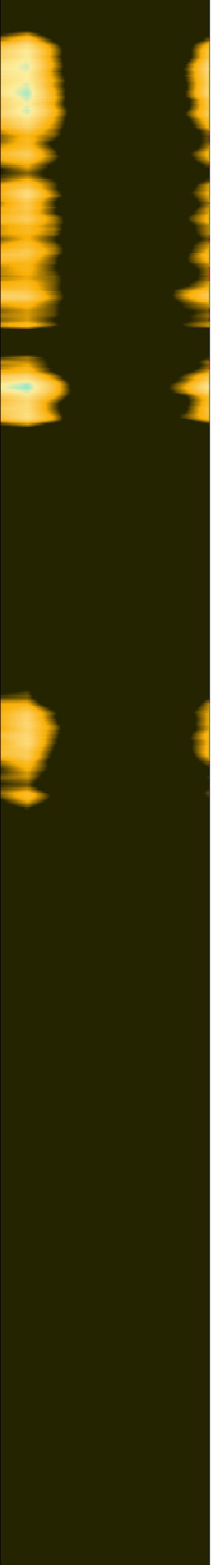
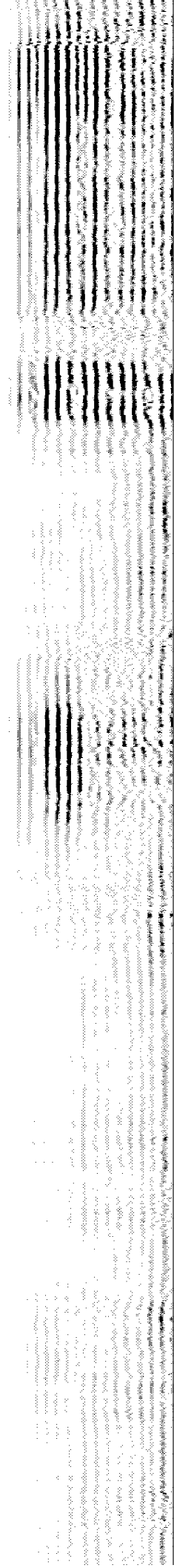
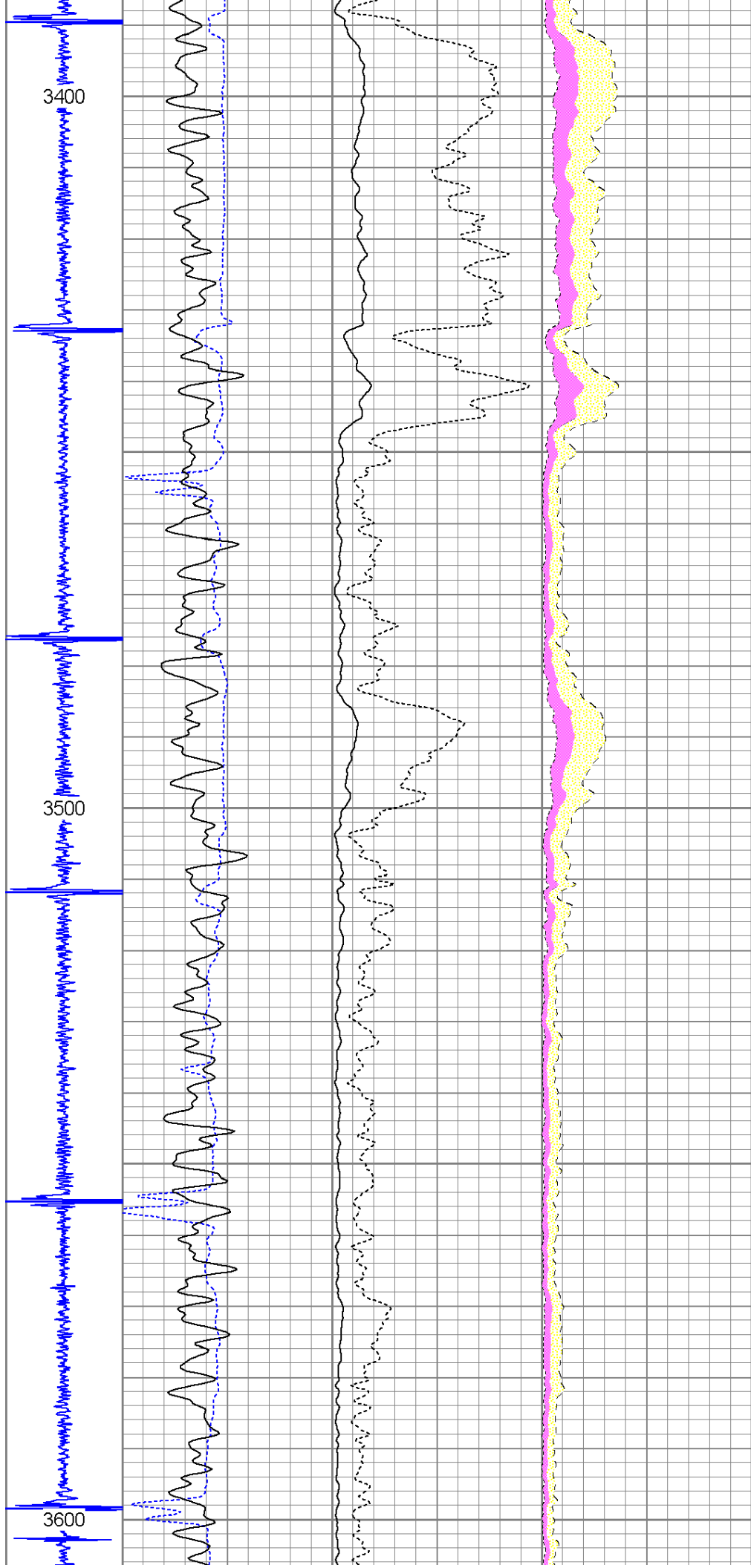


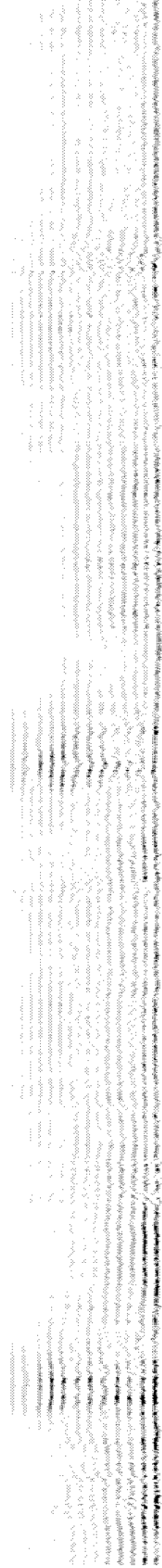
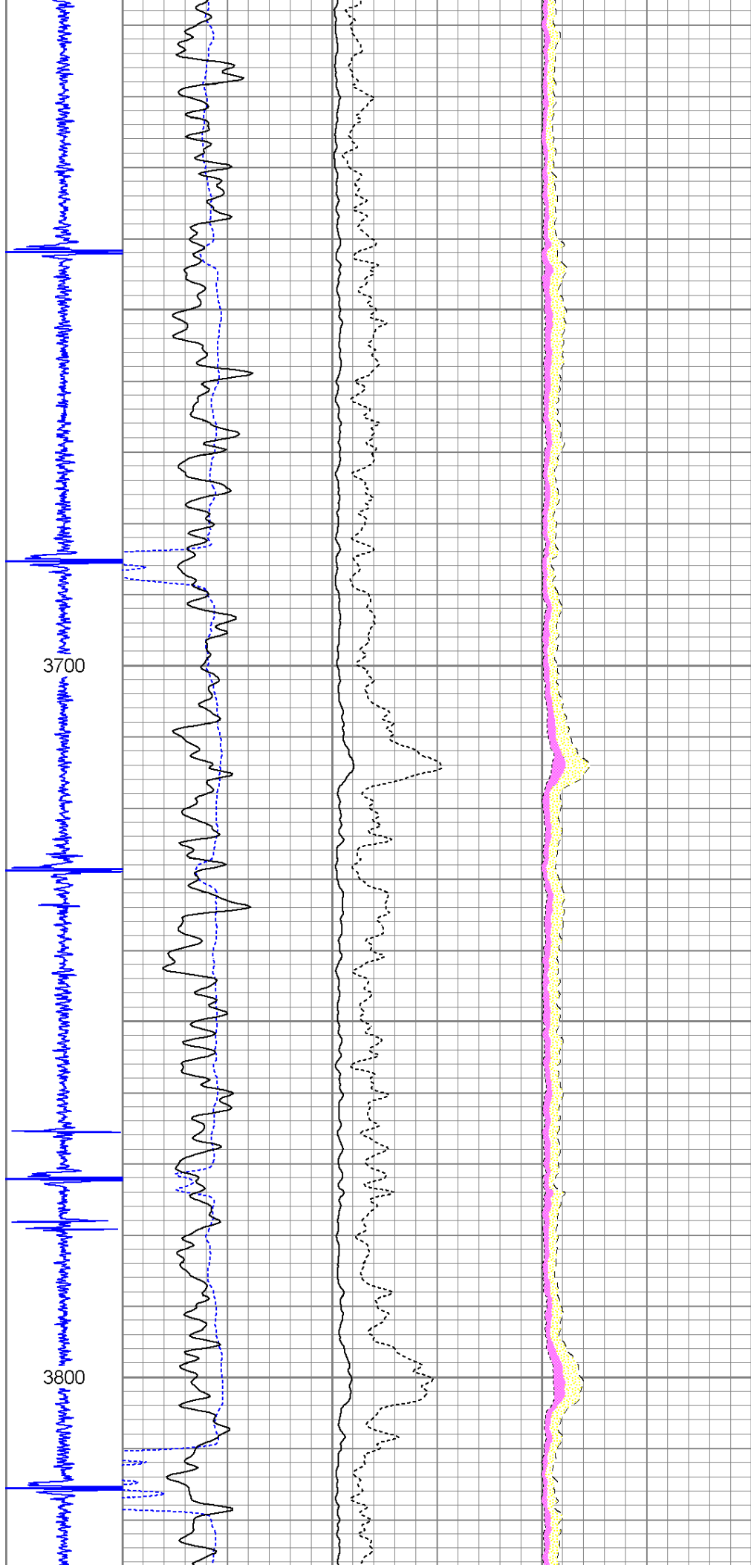


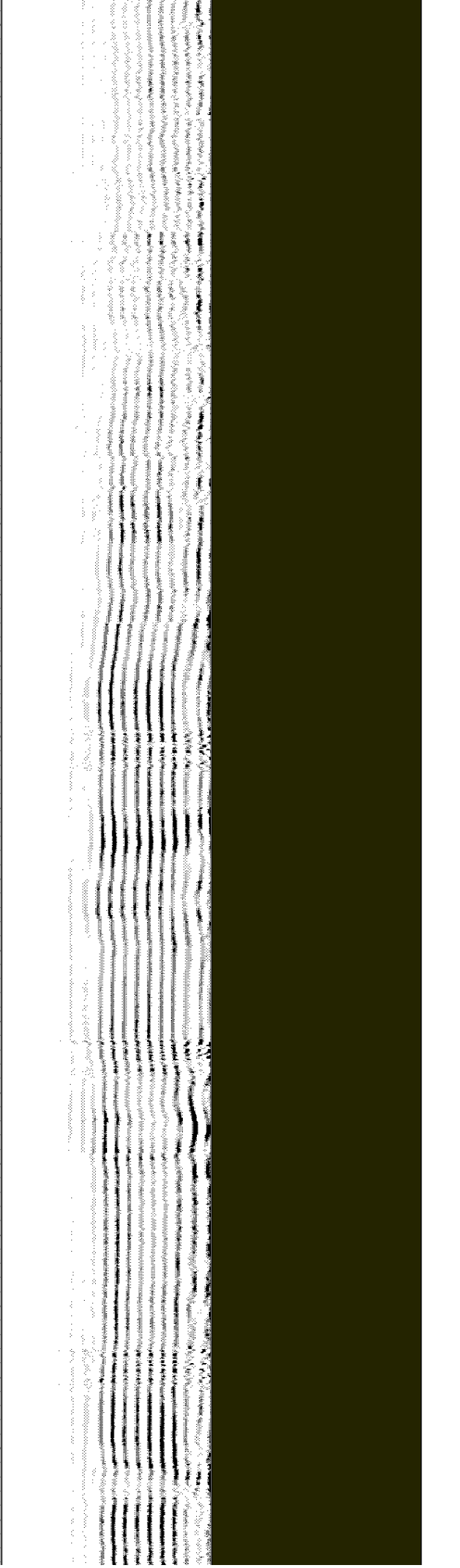
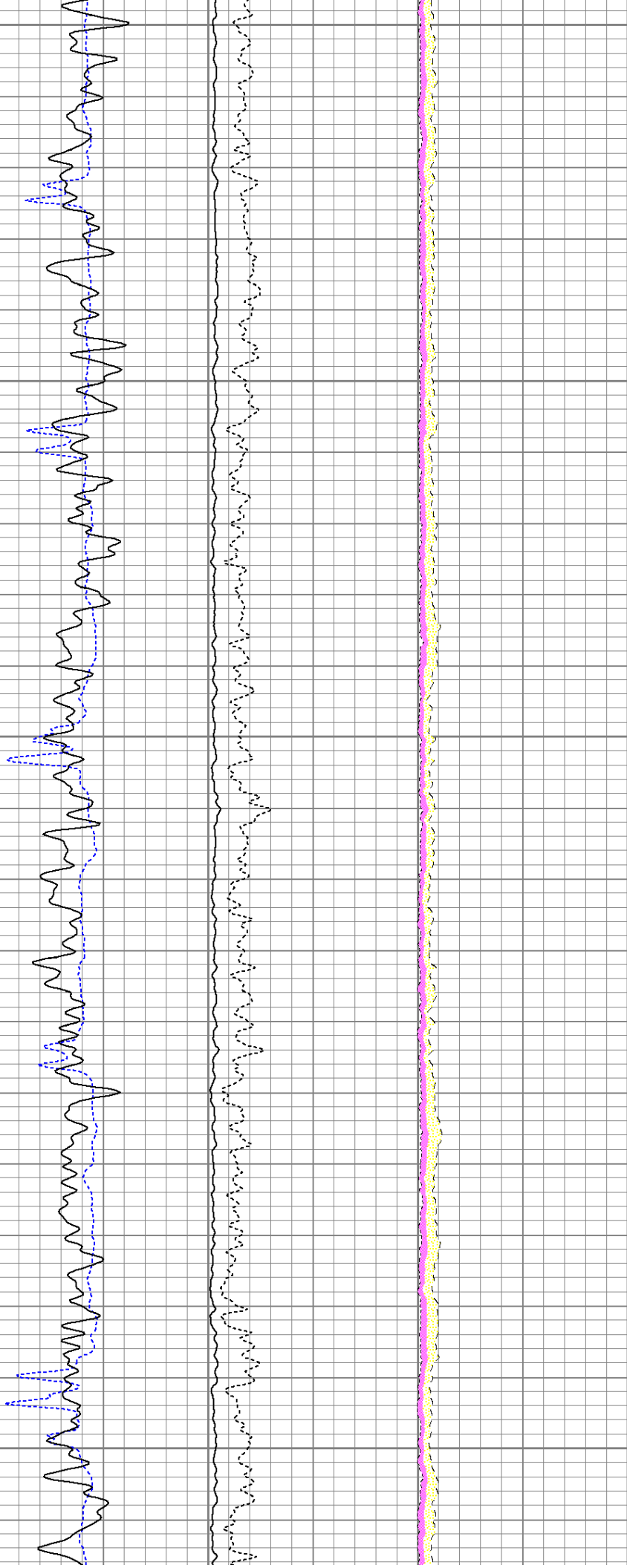
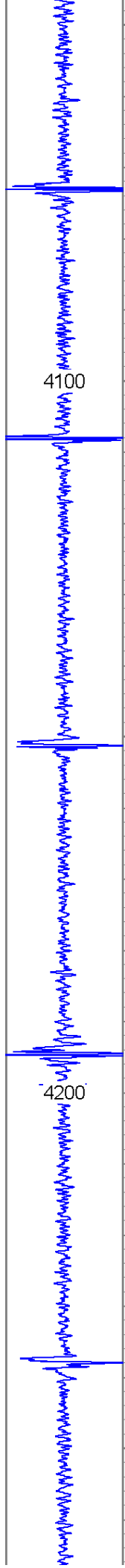


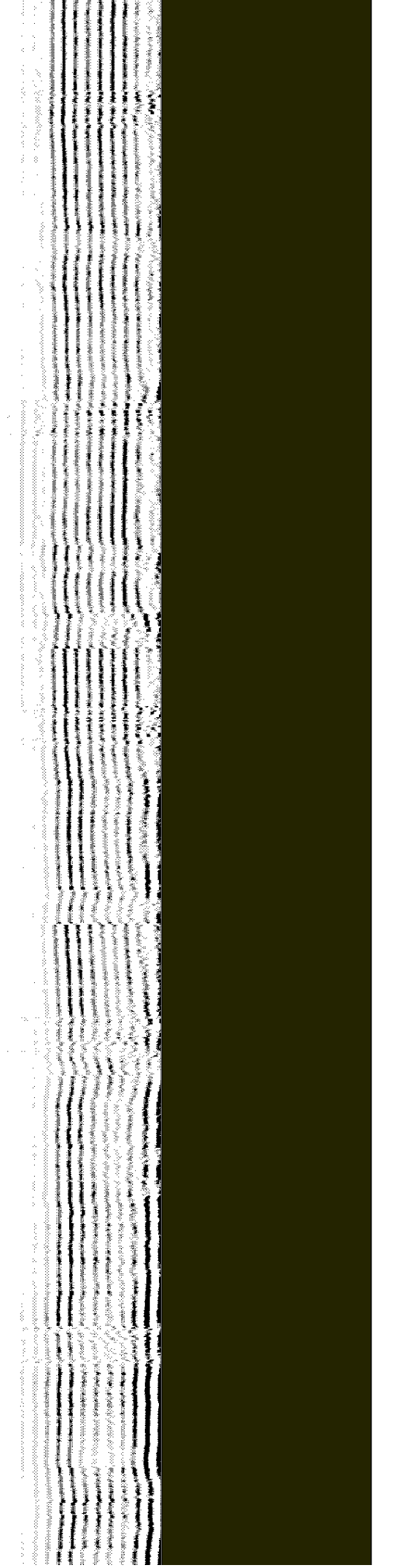
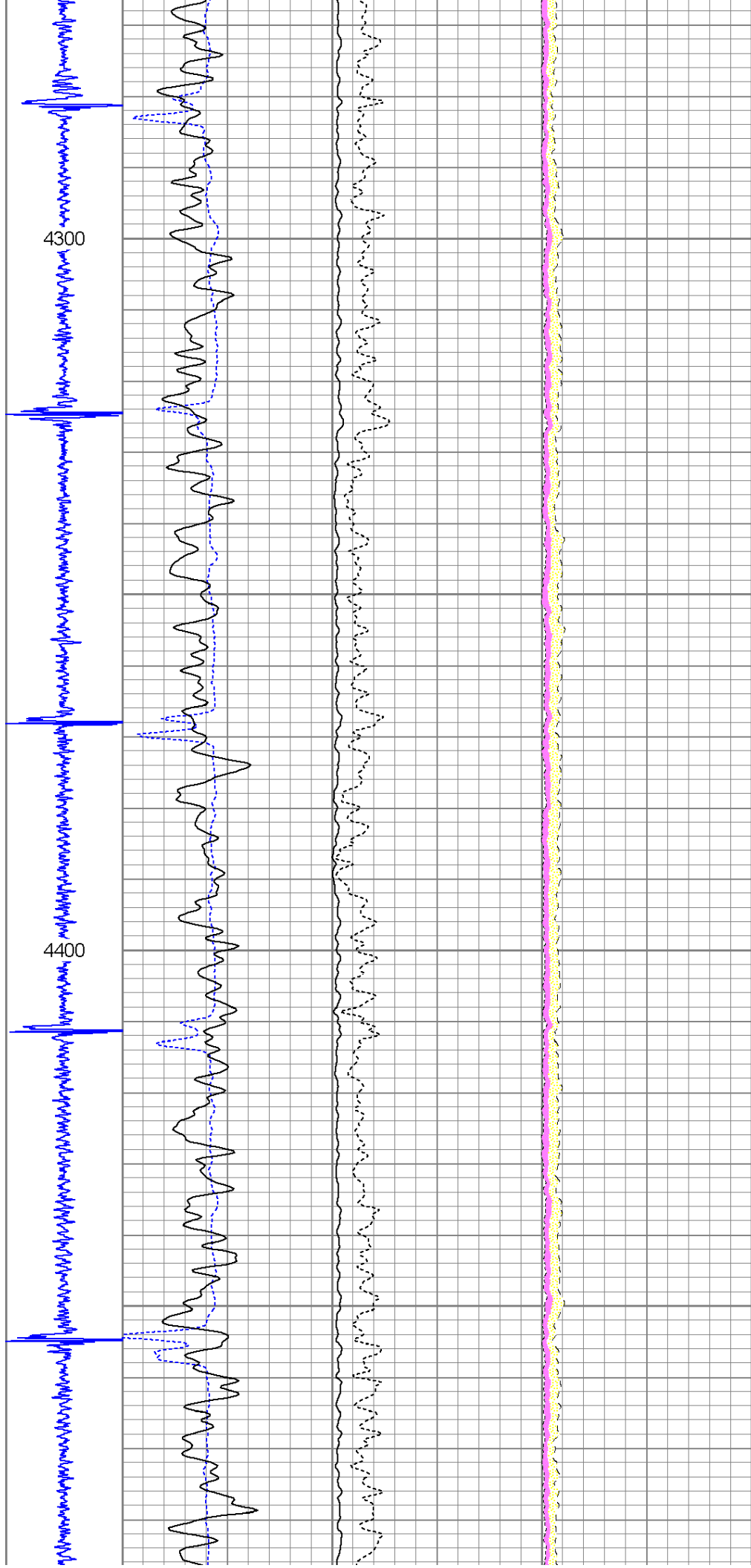


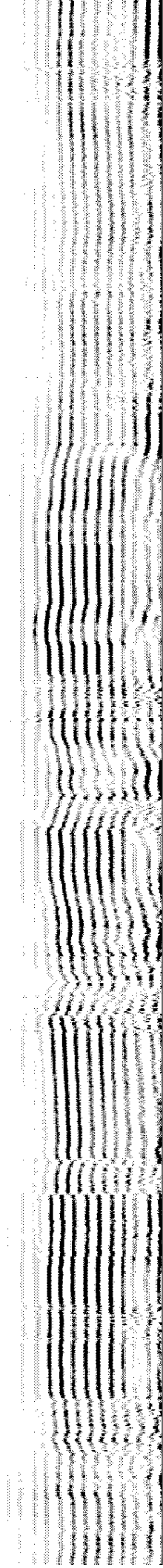
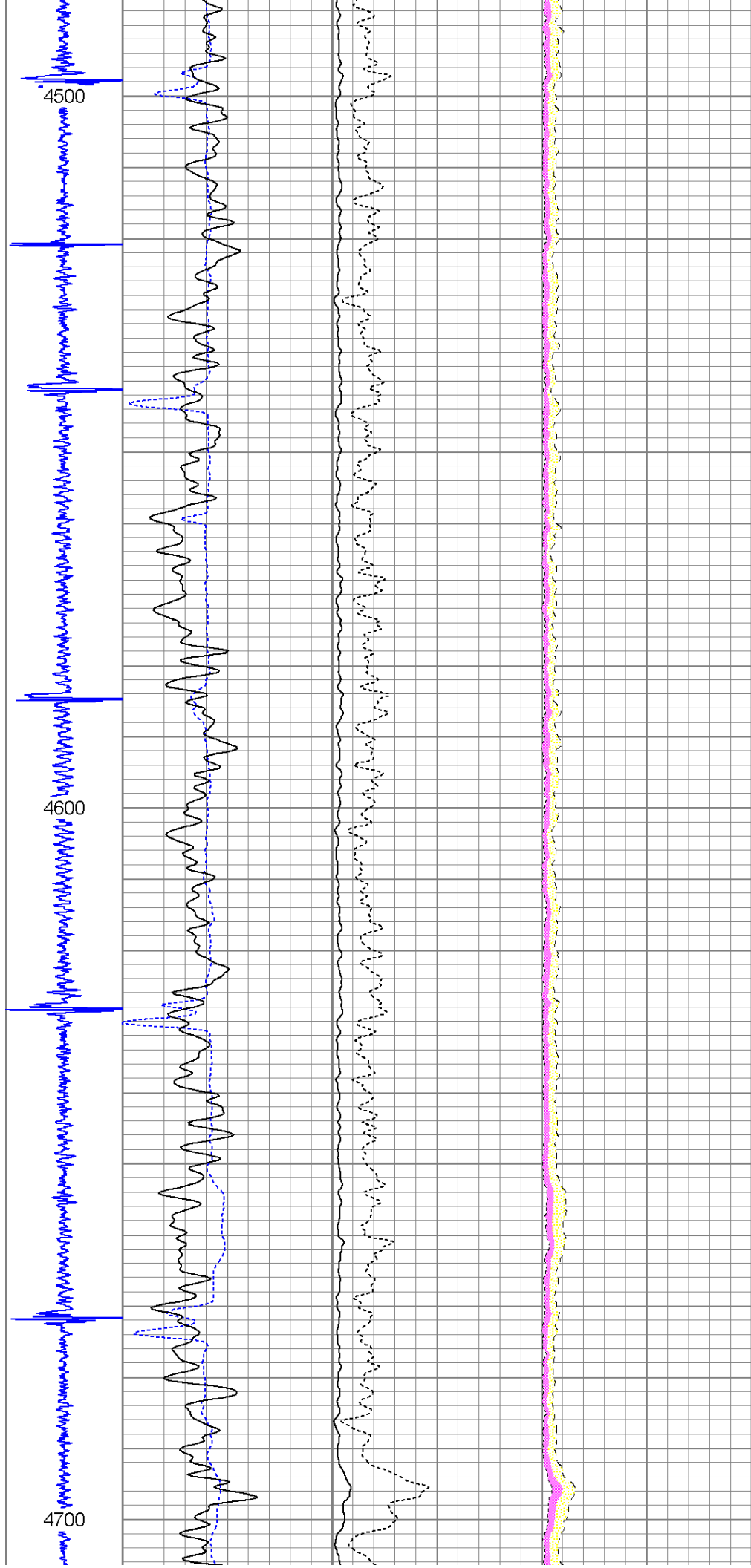


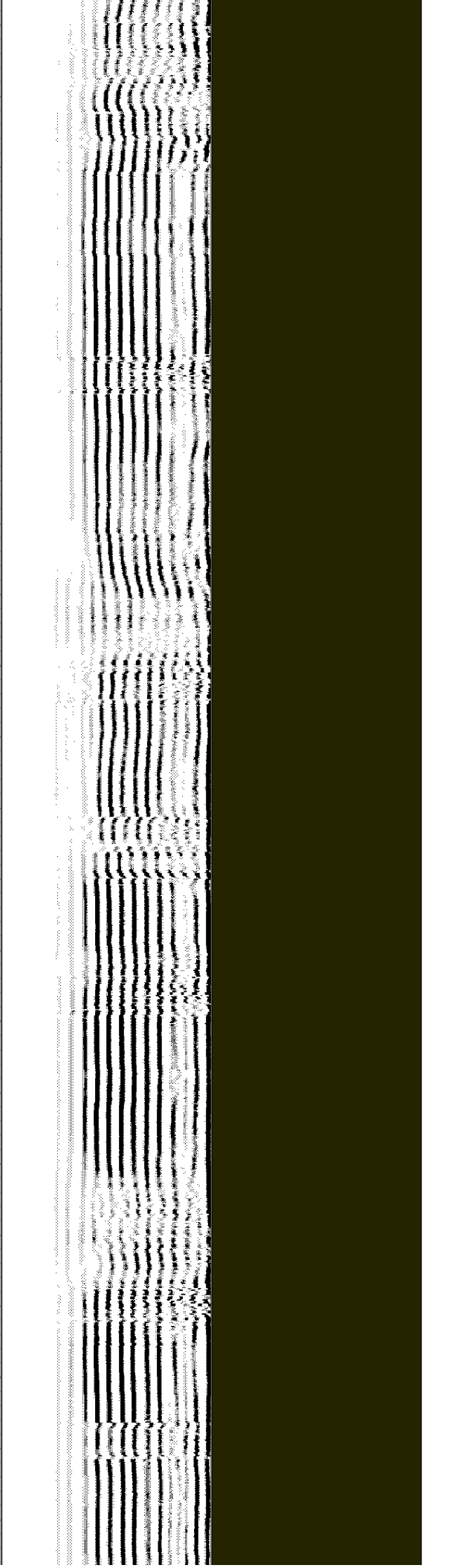
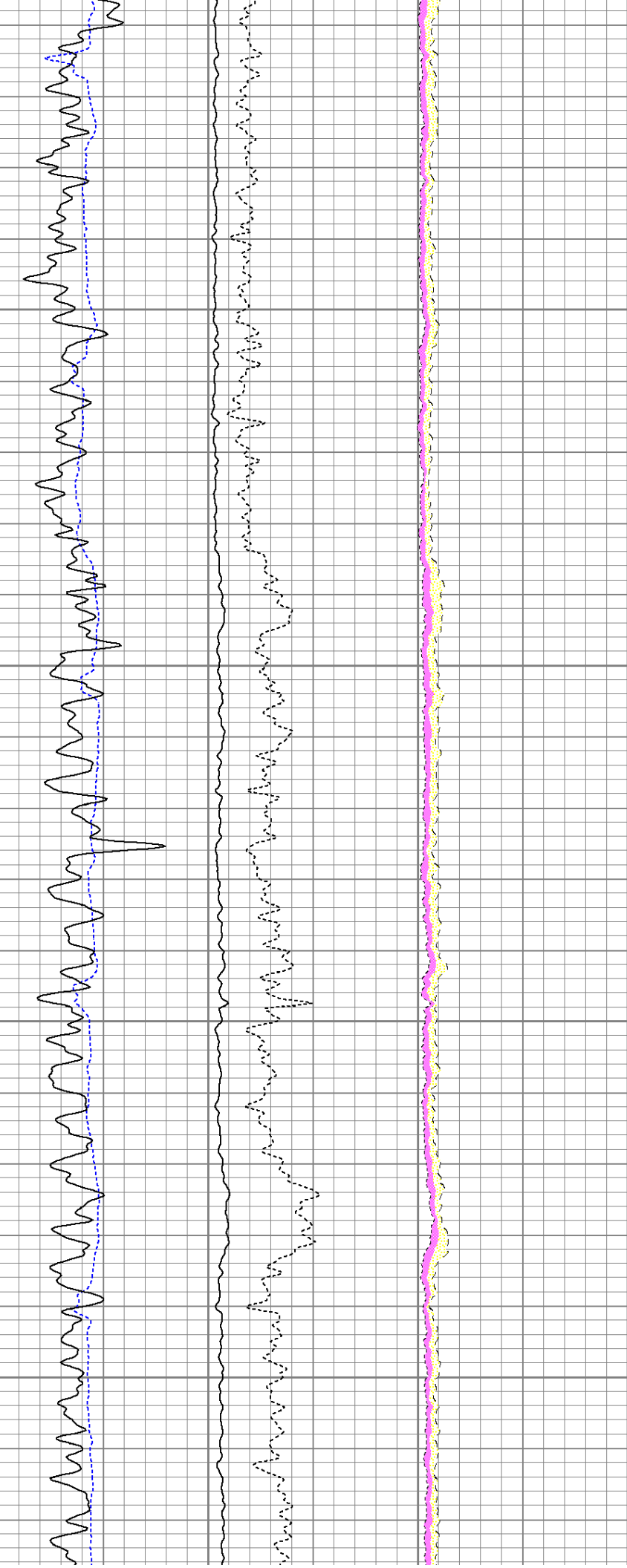
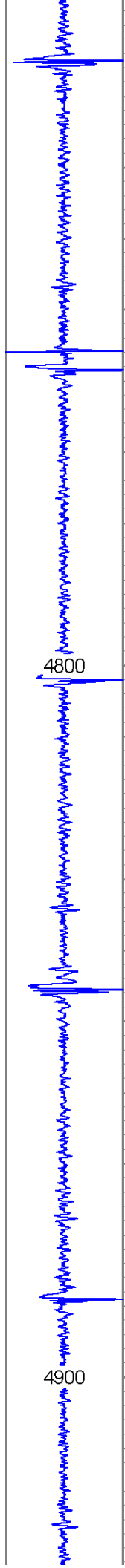


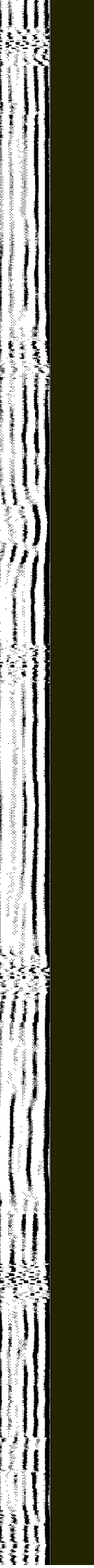
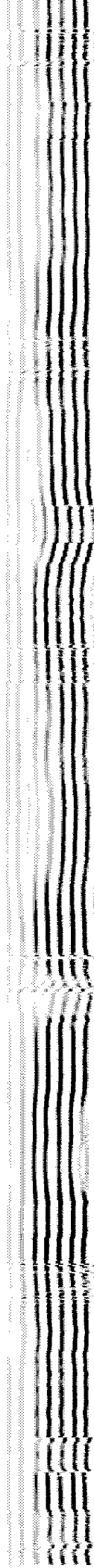
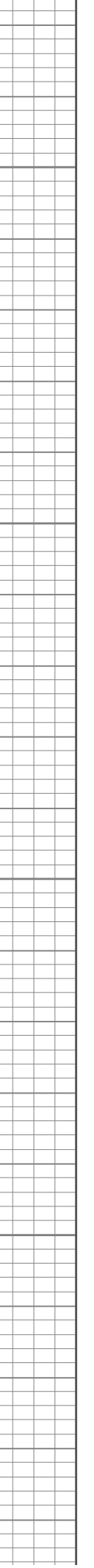
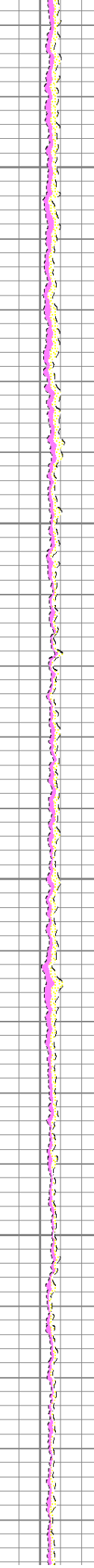
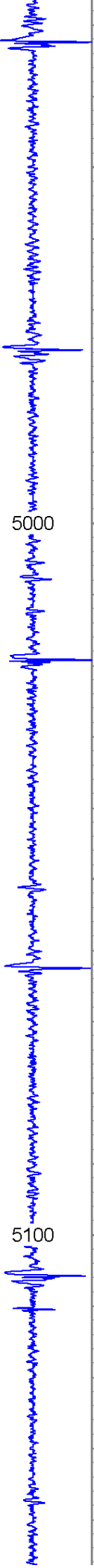


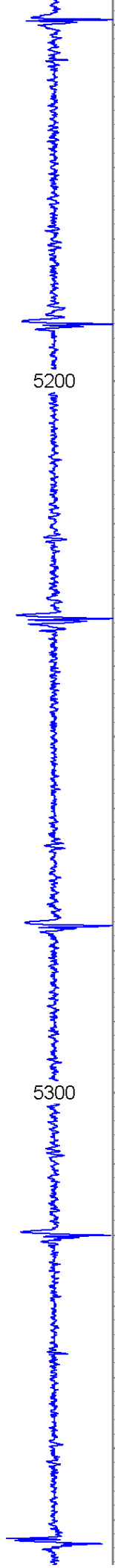






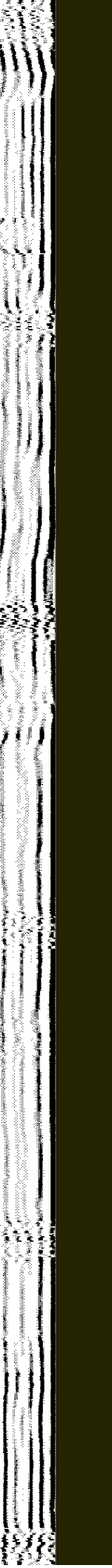
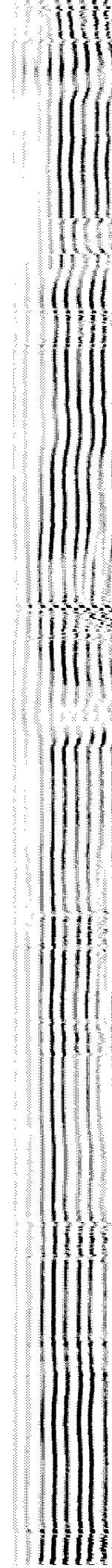
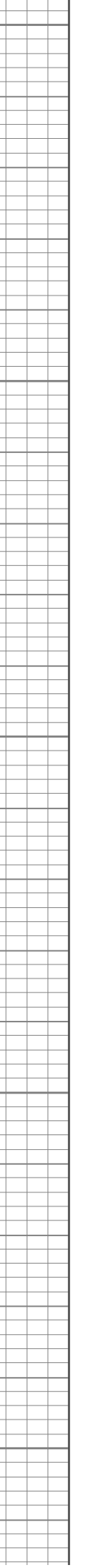
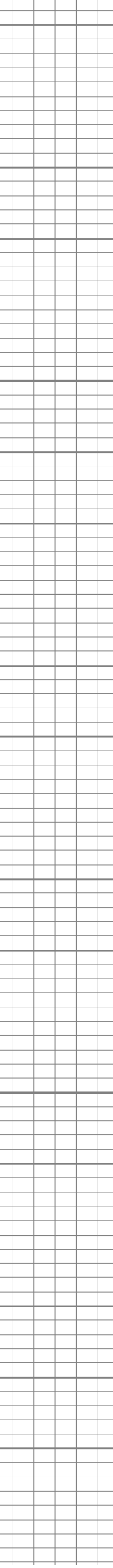
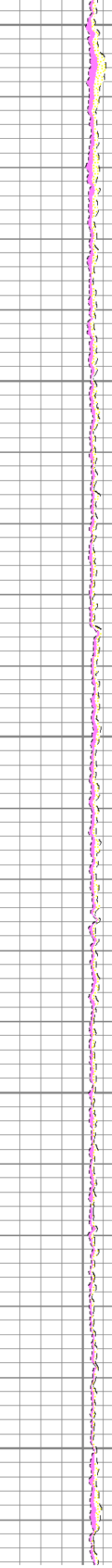
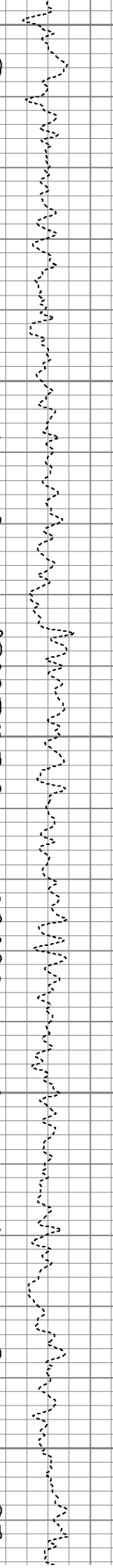
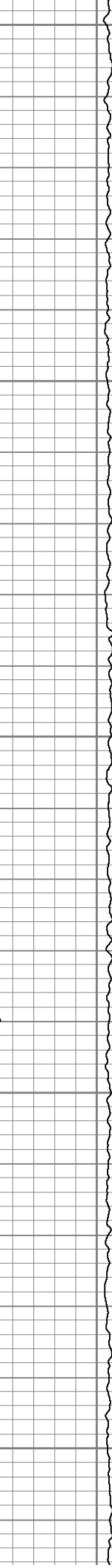
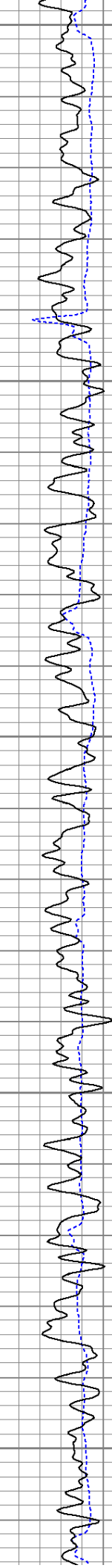


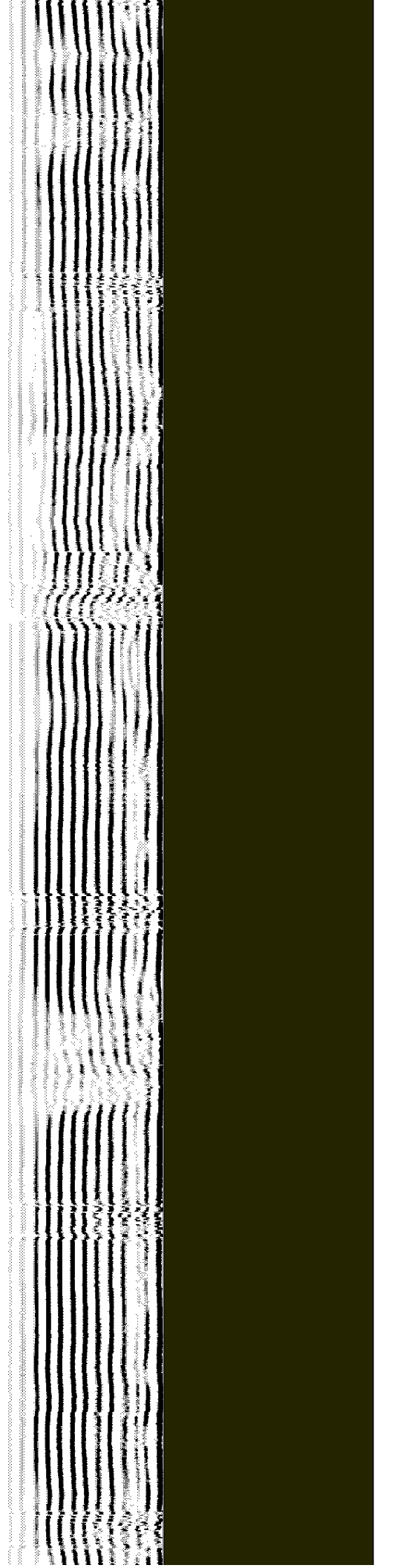
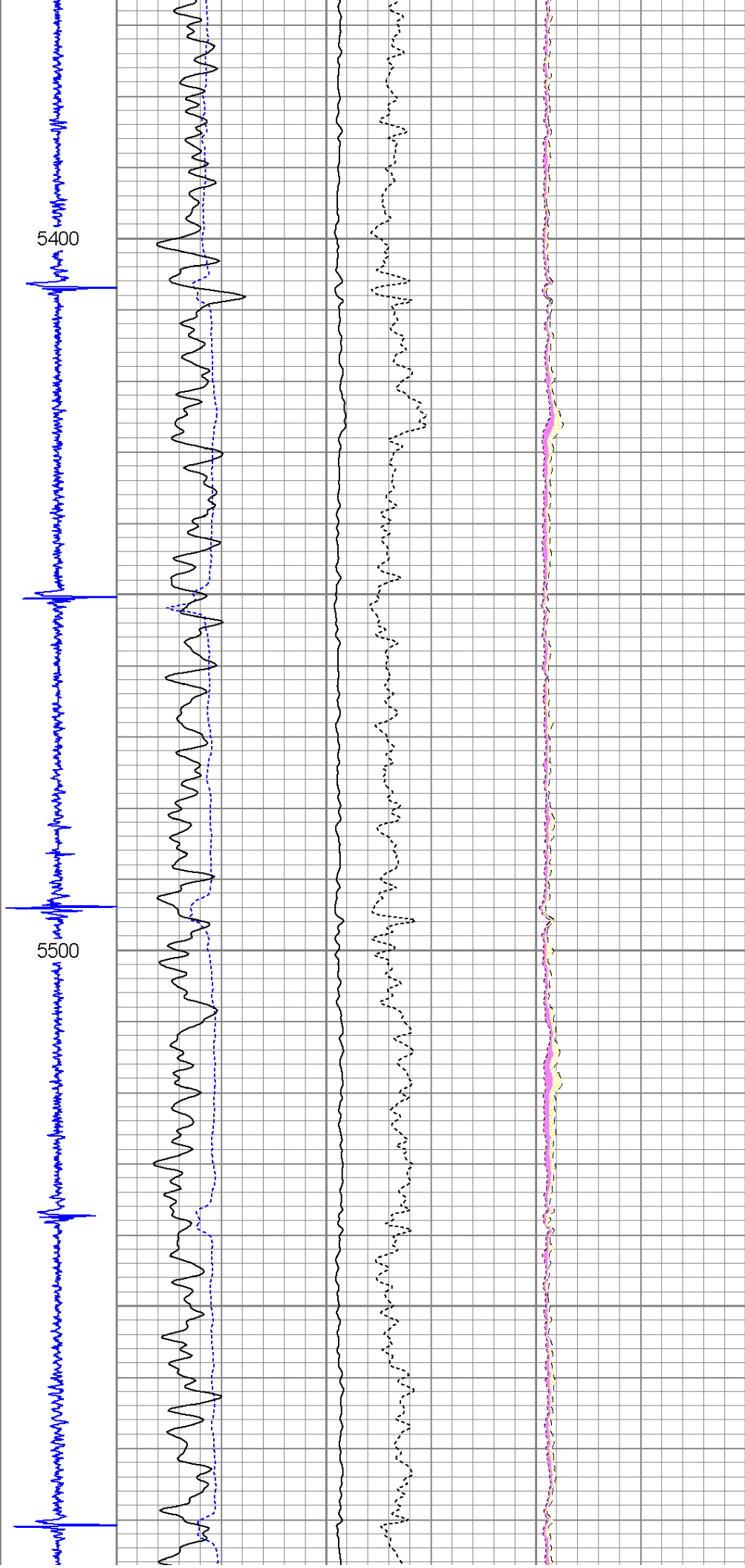




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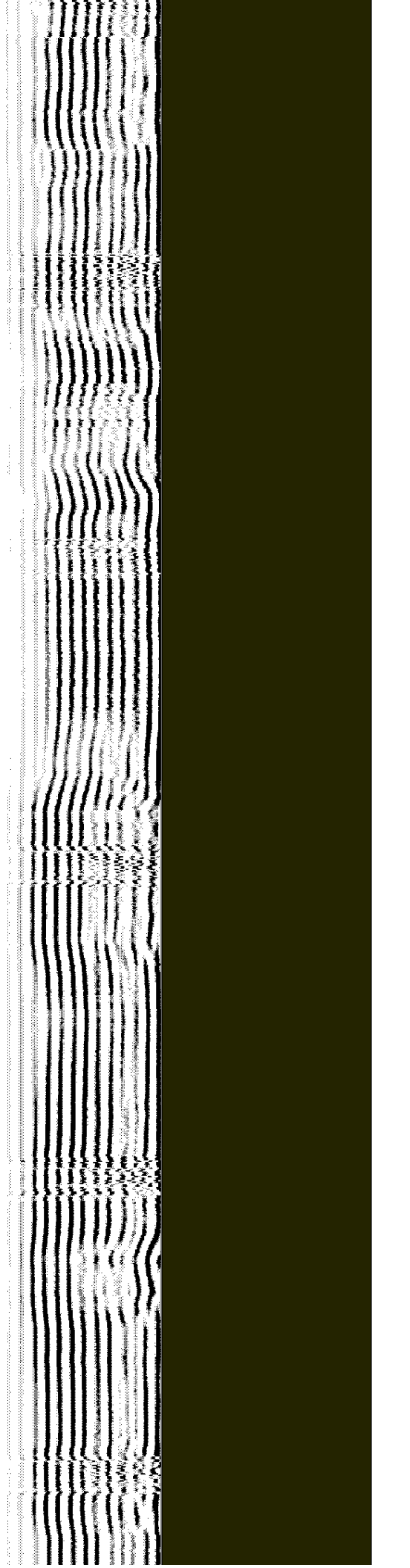
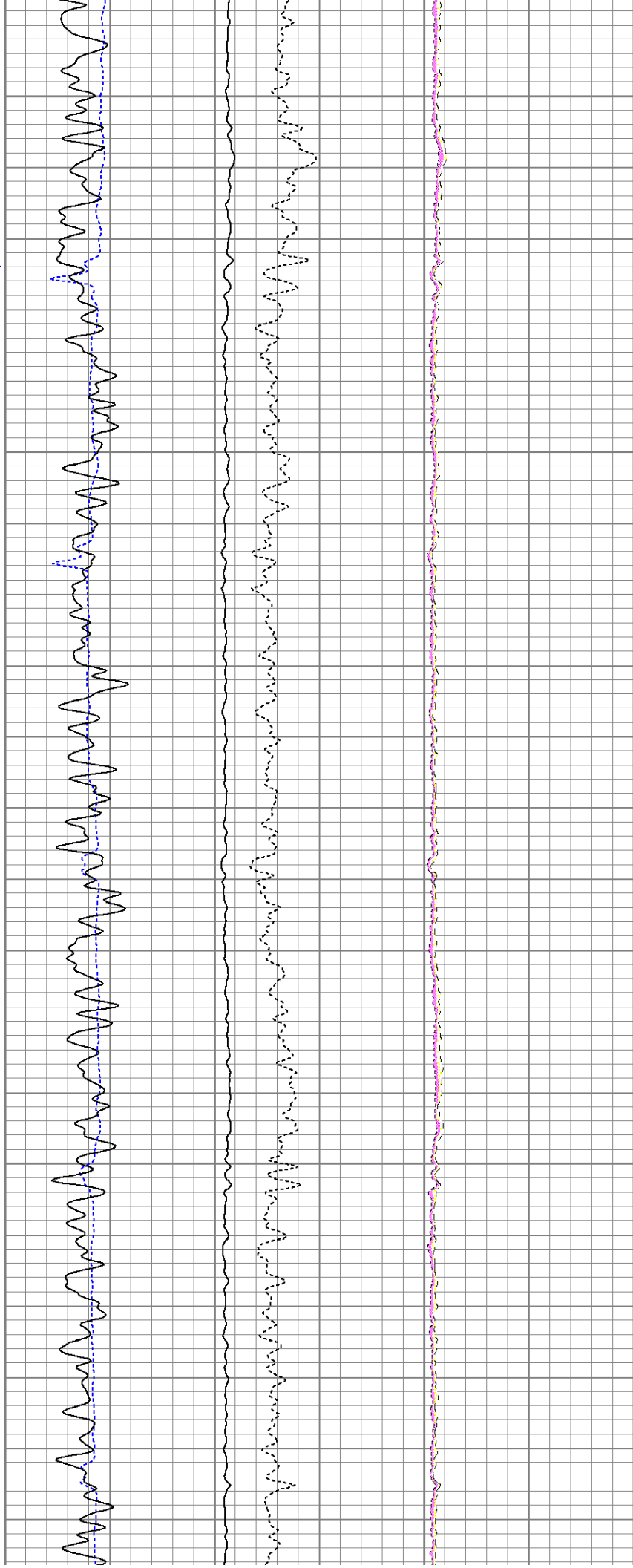


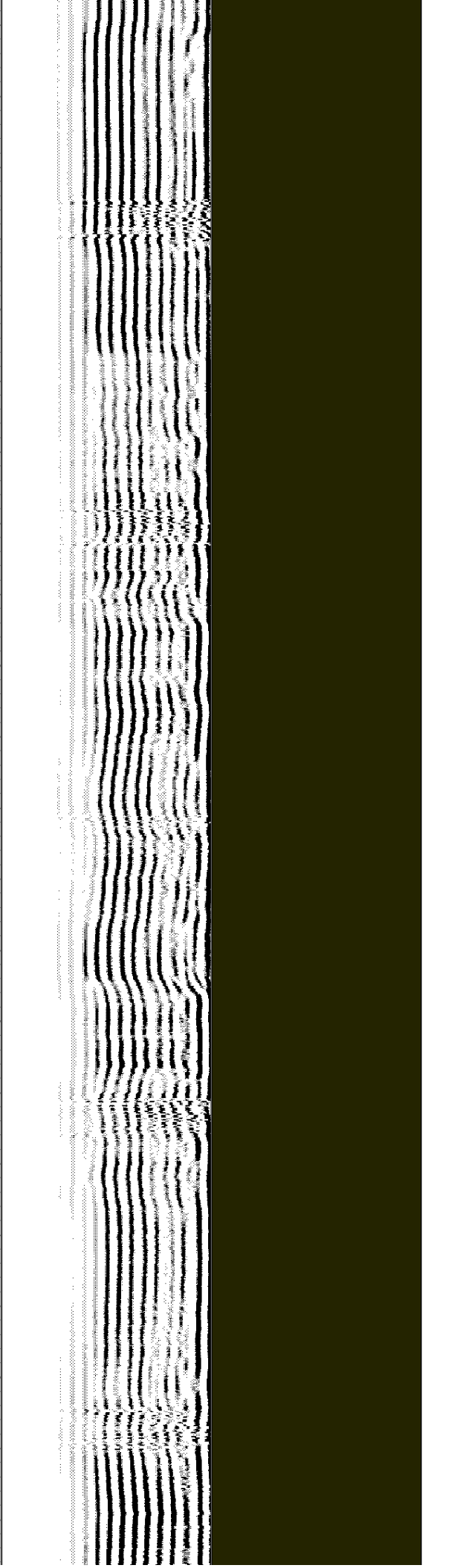
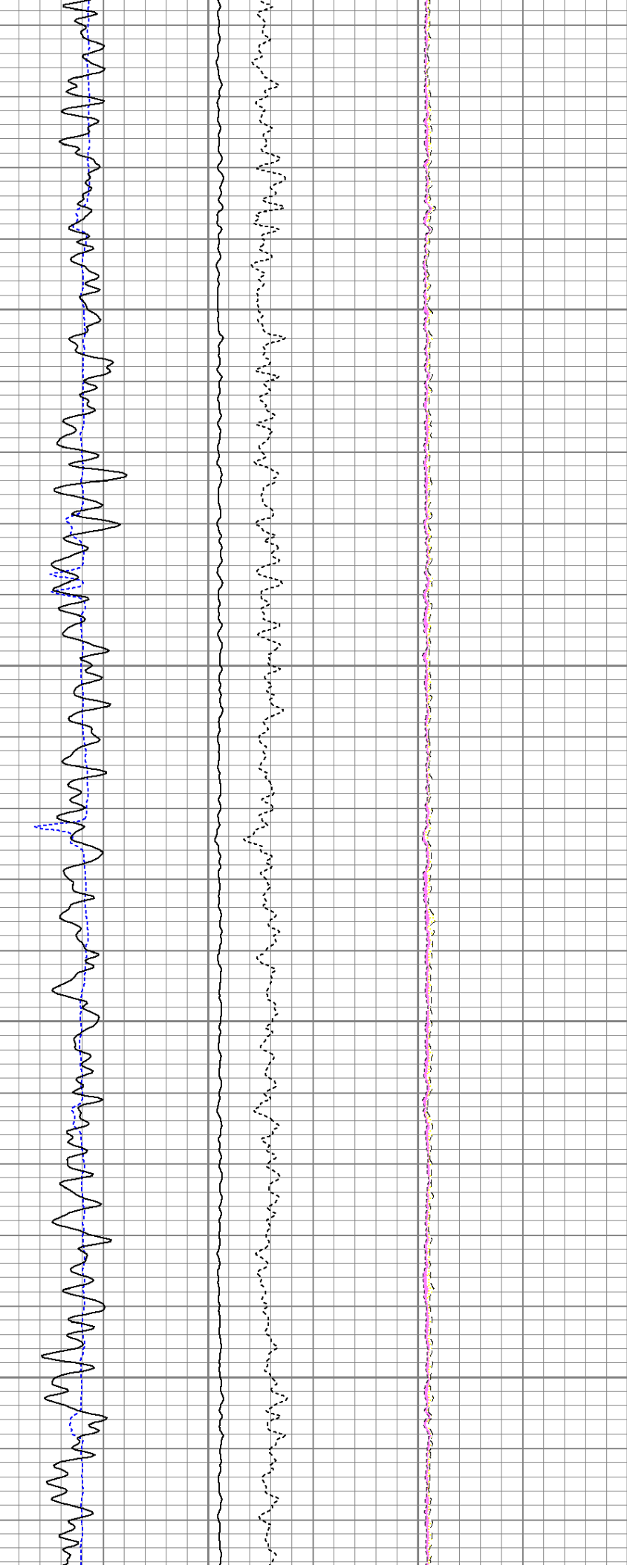
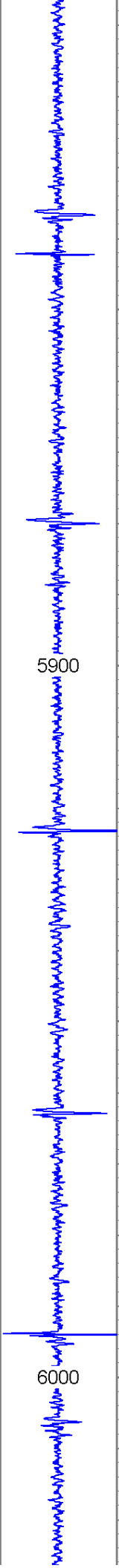


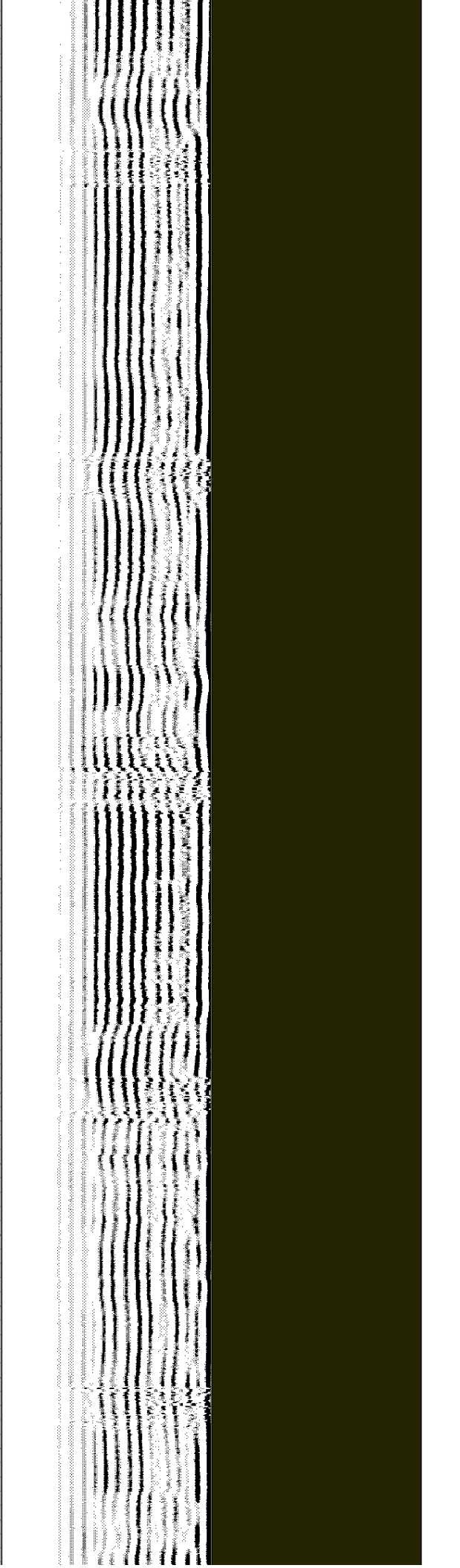
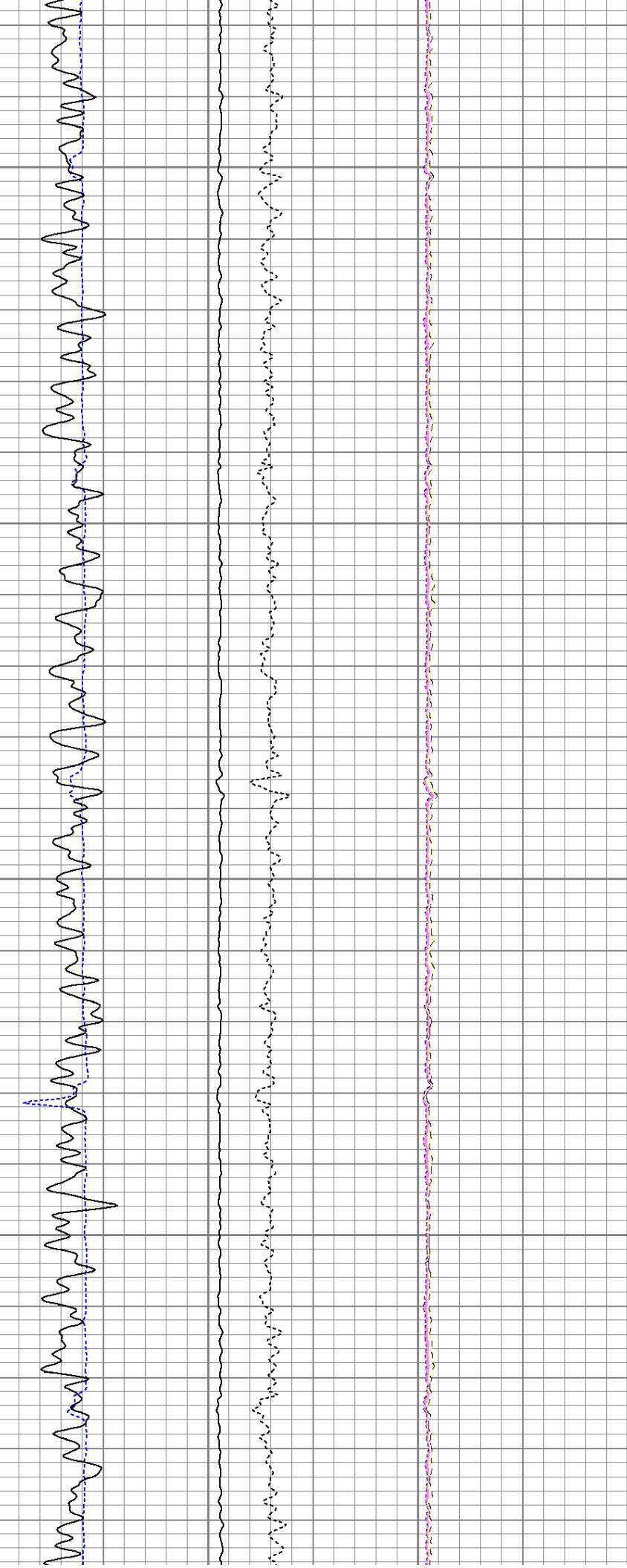
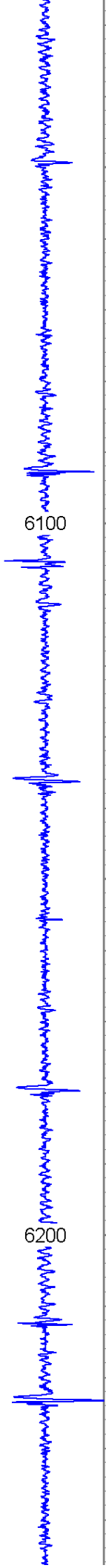
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