810 Quail Street
Suite E
Lakewood, Colorado
80215
Office: 303.279.0171
FAX: 303.278.0135
www.colog.com

Acoustic Televiewer
Caliper
Natural Gamma

COMPANY	Excelsior Mining
WELL	NSH-023
FIELD	Gunnison
COUNTY	Cochise
STATE	AZ

Company Excelsior Mining
Well NSH-023
Field Gunnison
County Cochise
State AZ

LOCATION
NSH-023

QTR **SEC** **TWP** **RGE**

OTHER SERVICES
Full-Waveform Sonic
T-Fl. Res
Compensated Density
Dual Neutron
Electric Resistivity

PERMANENT DATUM GROUND LEVEL **ELEVATION** NA

LOG MEAS. FROM GROUND LEVEL 0.0' **ABOVE PERMINANT DATUM**

DRILLING MEAS. FROM GROUND LEVEL

DATE ACQUIRED	18 January 2015	18 January 2015		
RUN NUMBER	5	3		
LOG TYPE	ABI	Gamma/Caliper		
DEPTH-DRILLER	1446'			
DEPTH-LOGGER	1440'			
BTM LOG INTERVAL	1442'	1445'		
TOP LOG INTERVAL	643'	596'		
RECORDED BY	C.O'Neil			
WITNESSED BY	Paul Kroger			
PROBE TYPE, S/N	ABI, 111018	FDGS		
LOGGING SPEED	6.8 ft/min	12 ft/min		
A.S.D.E.	0.55'	0.46''		
SAMPLE INTERVAL	0.0070'	0.1'		

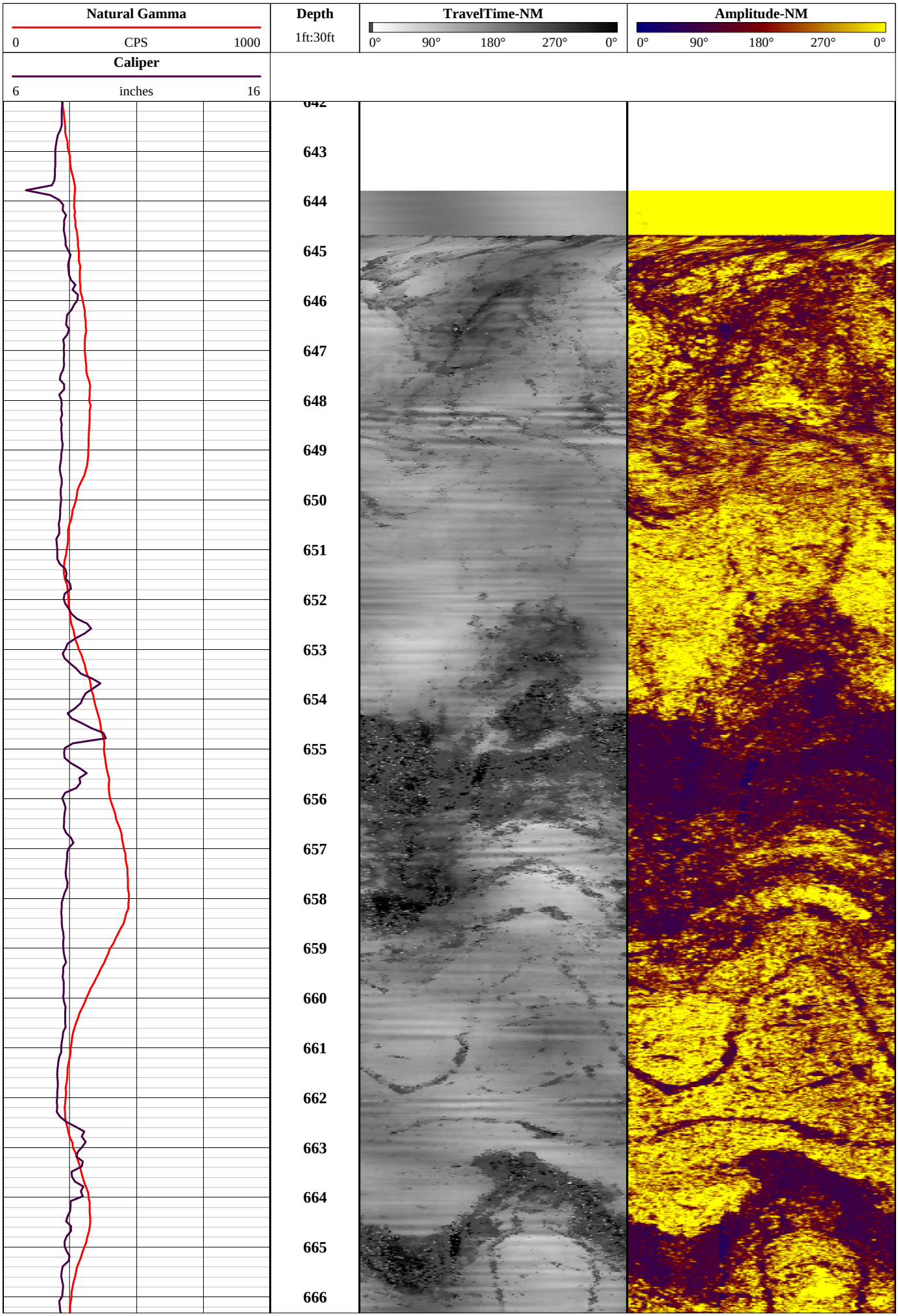
BOREHOLE RECORD				**CASING RECORD**			
RUN No.	**BIT**	**FROM**	**TO**	**SIZE**	**WGT.**	**FROM**	**TO**
ONE	7 7/8"	643'	TD	8"	STEEL	GS	643'

NA - Not Available, N/A - Not Applicable

COMMENTS

Water-level = 645.9'

INPUT FILES:
NSH-023-ABI-u.tfd
NSH-023-Den-u.tfd (caliper and natural gamma)


Natural Gamma
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1000
Caliper
6
inches
16
Depth
1ft:30ft
TravelTime-NM
0°
90°
180°
270°
0°
Amplitude-NM
0°
90°
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270°
0°
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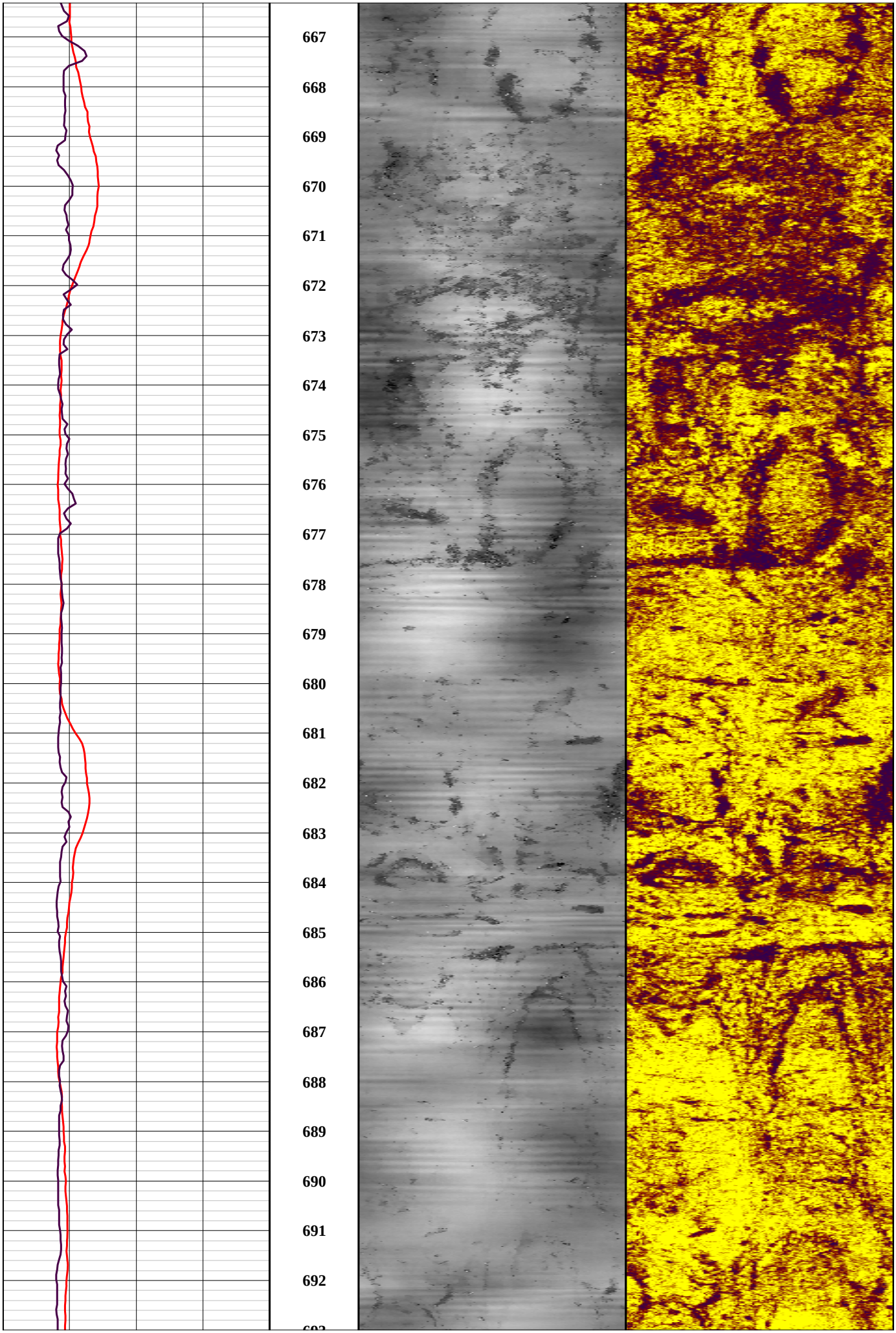
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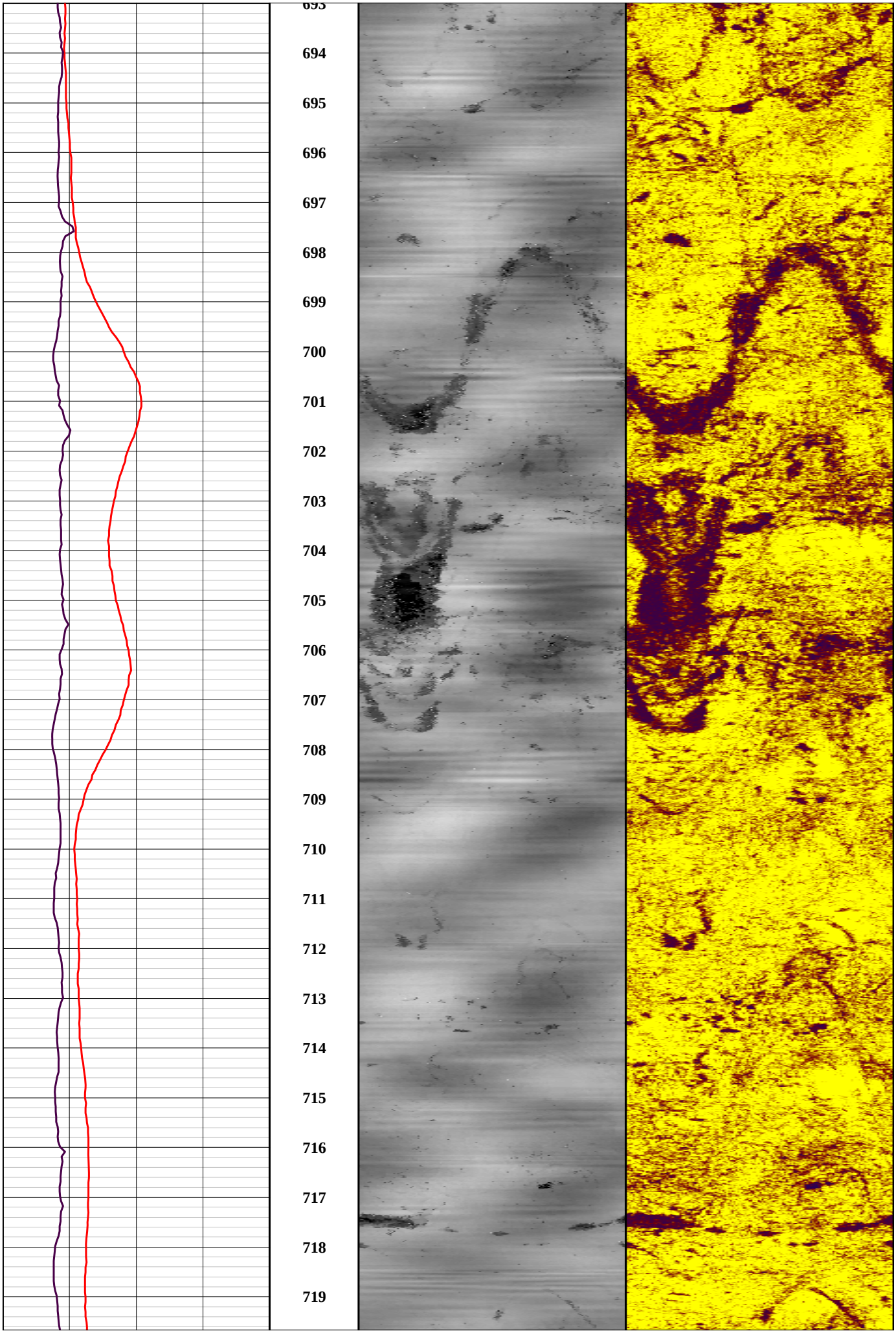
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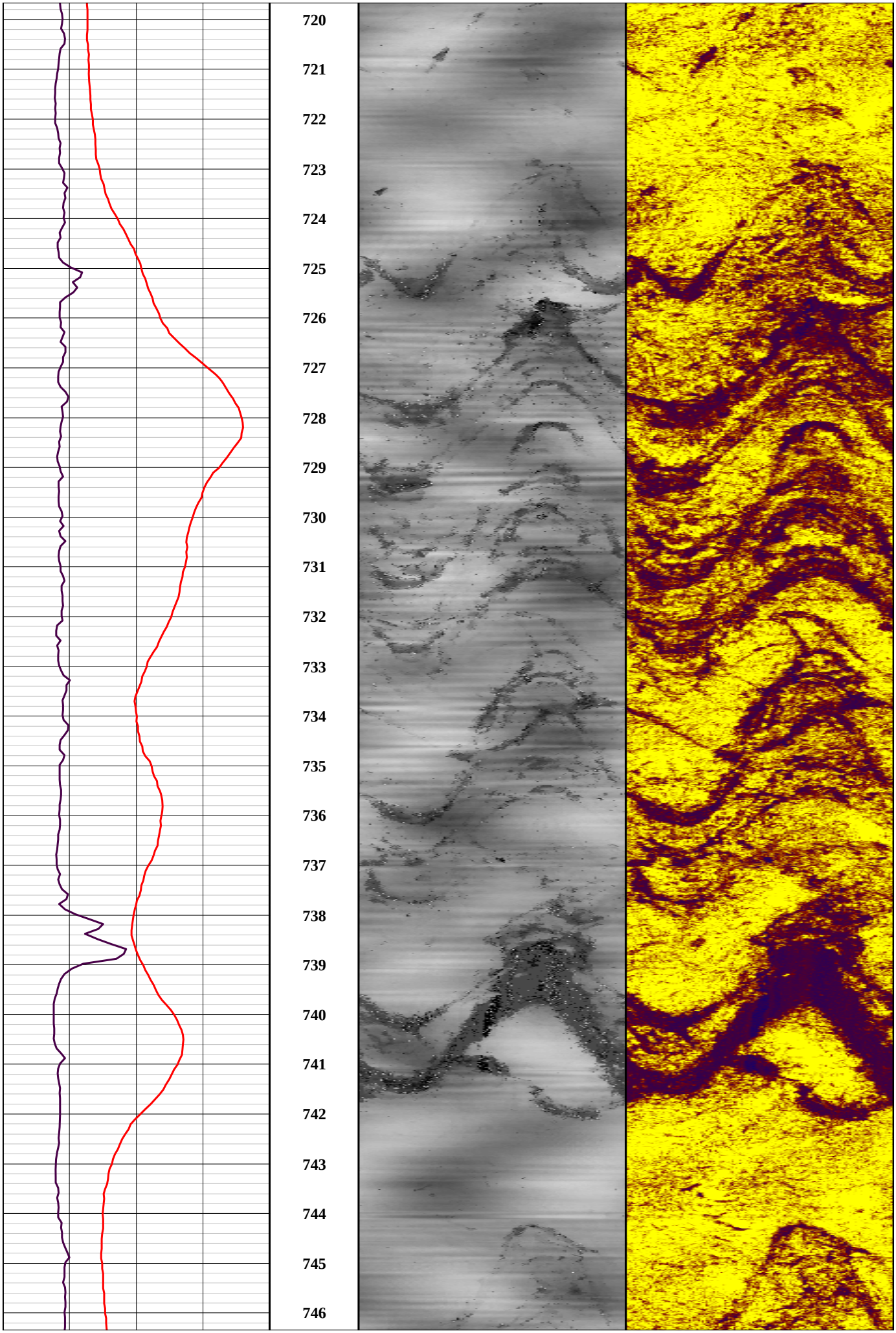
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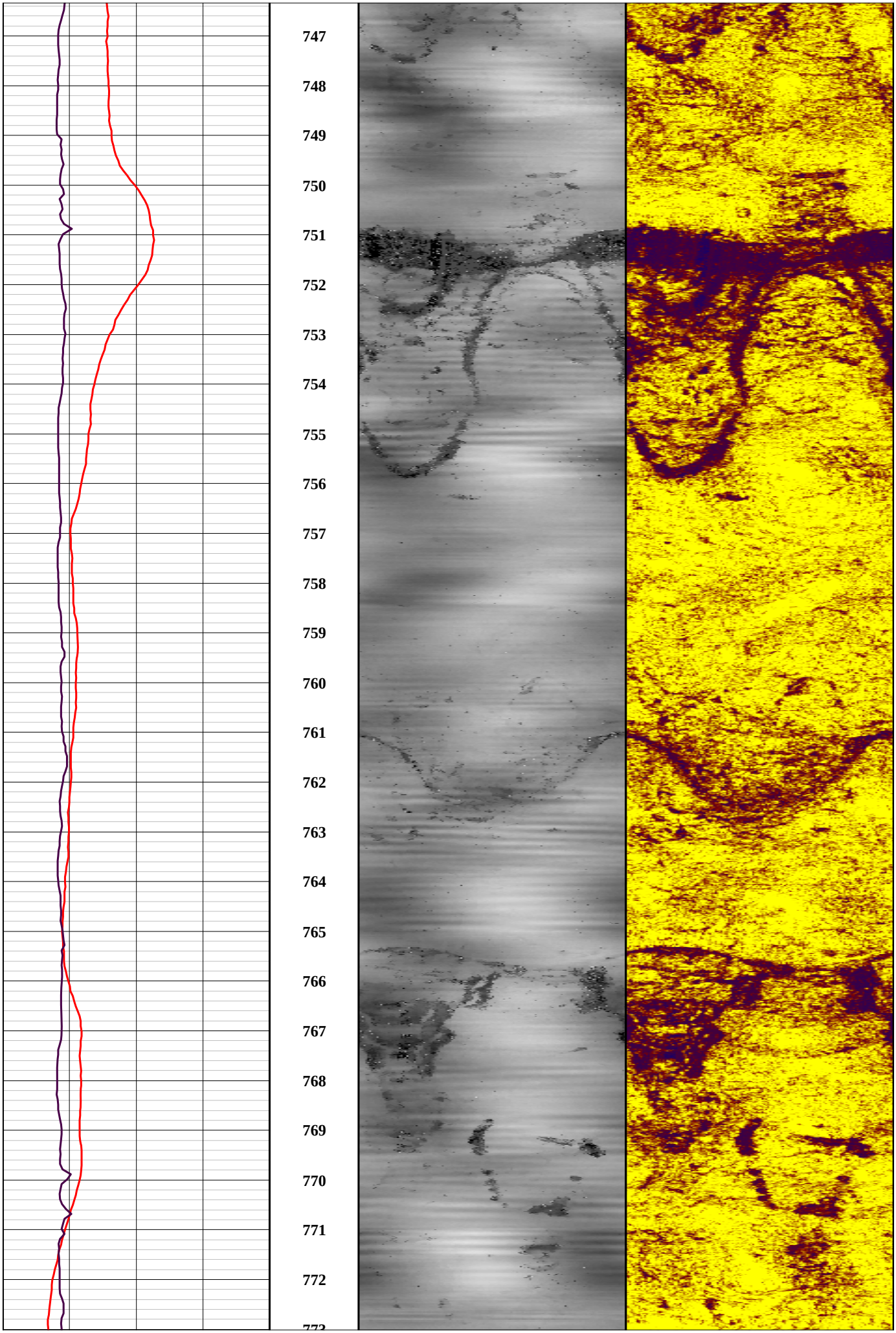
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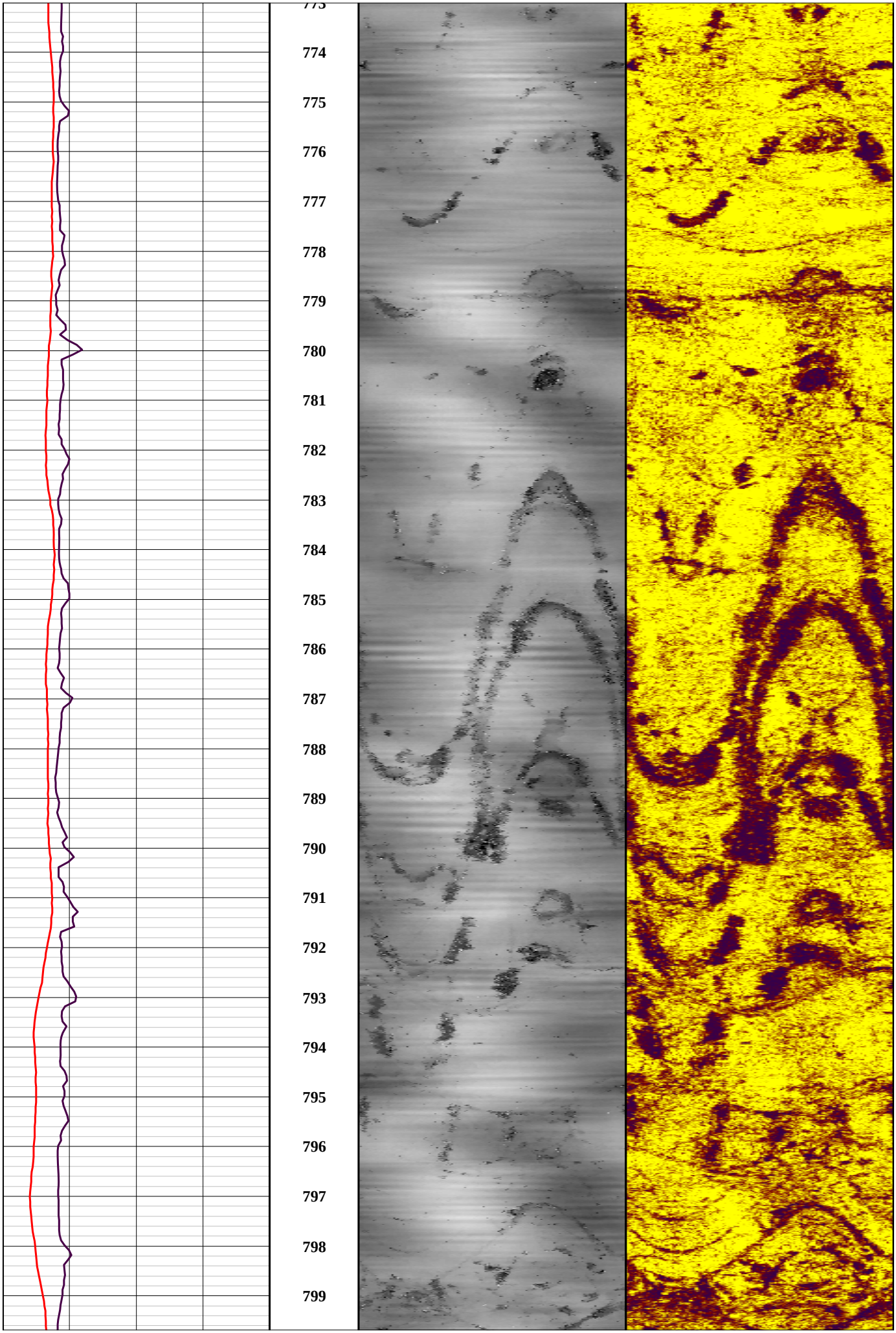
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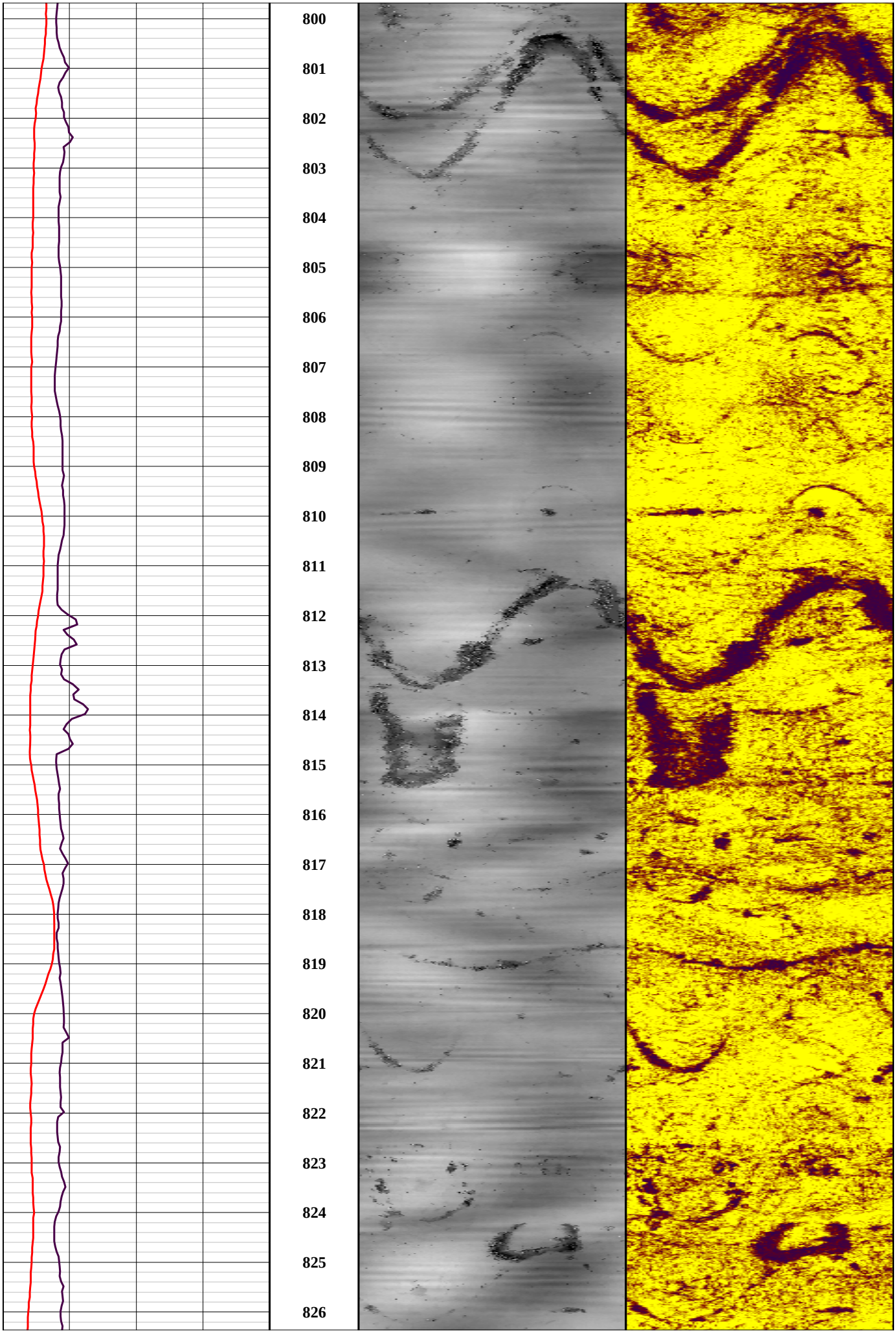
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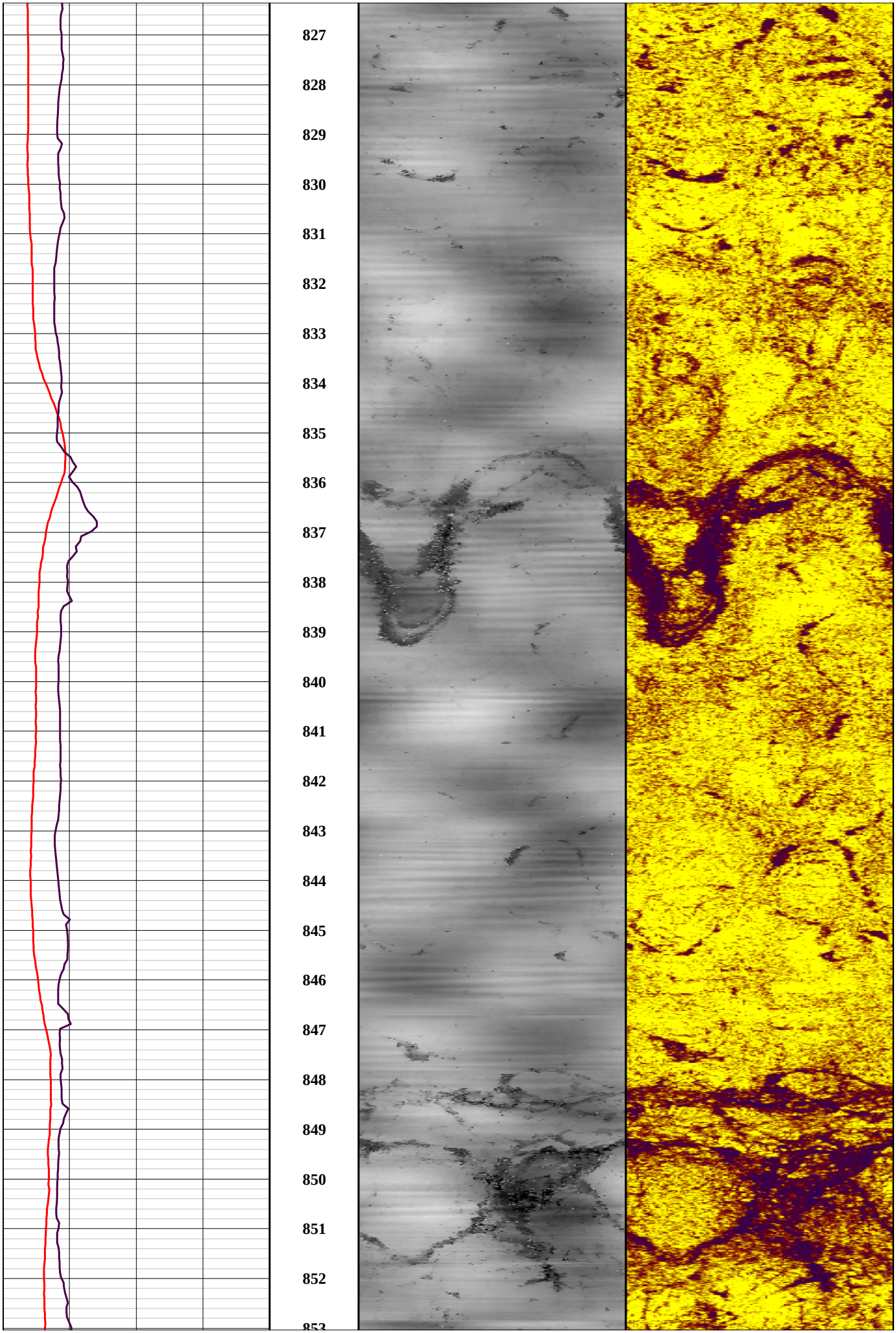
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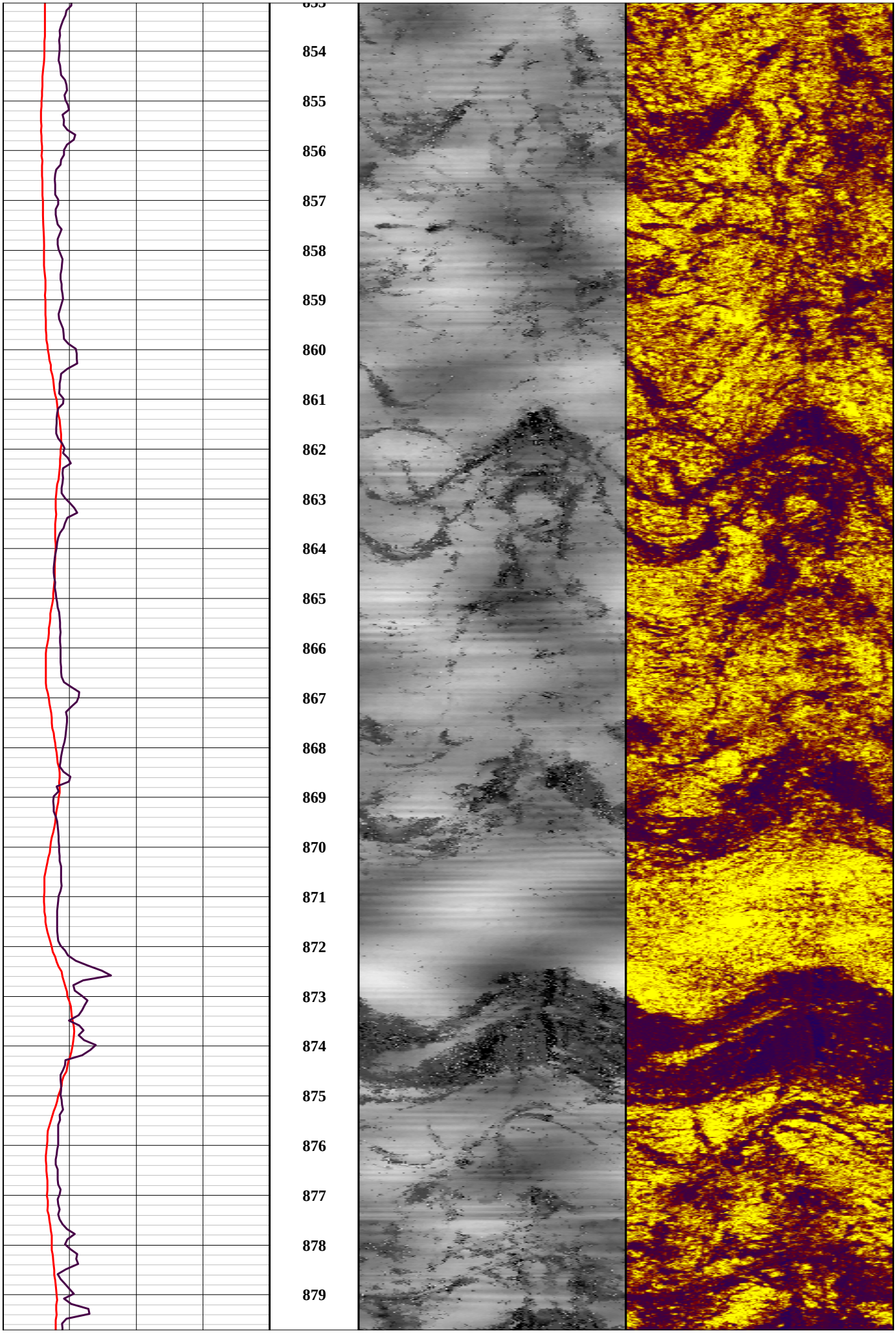
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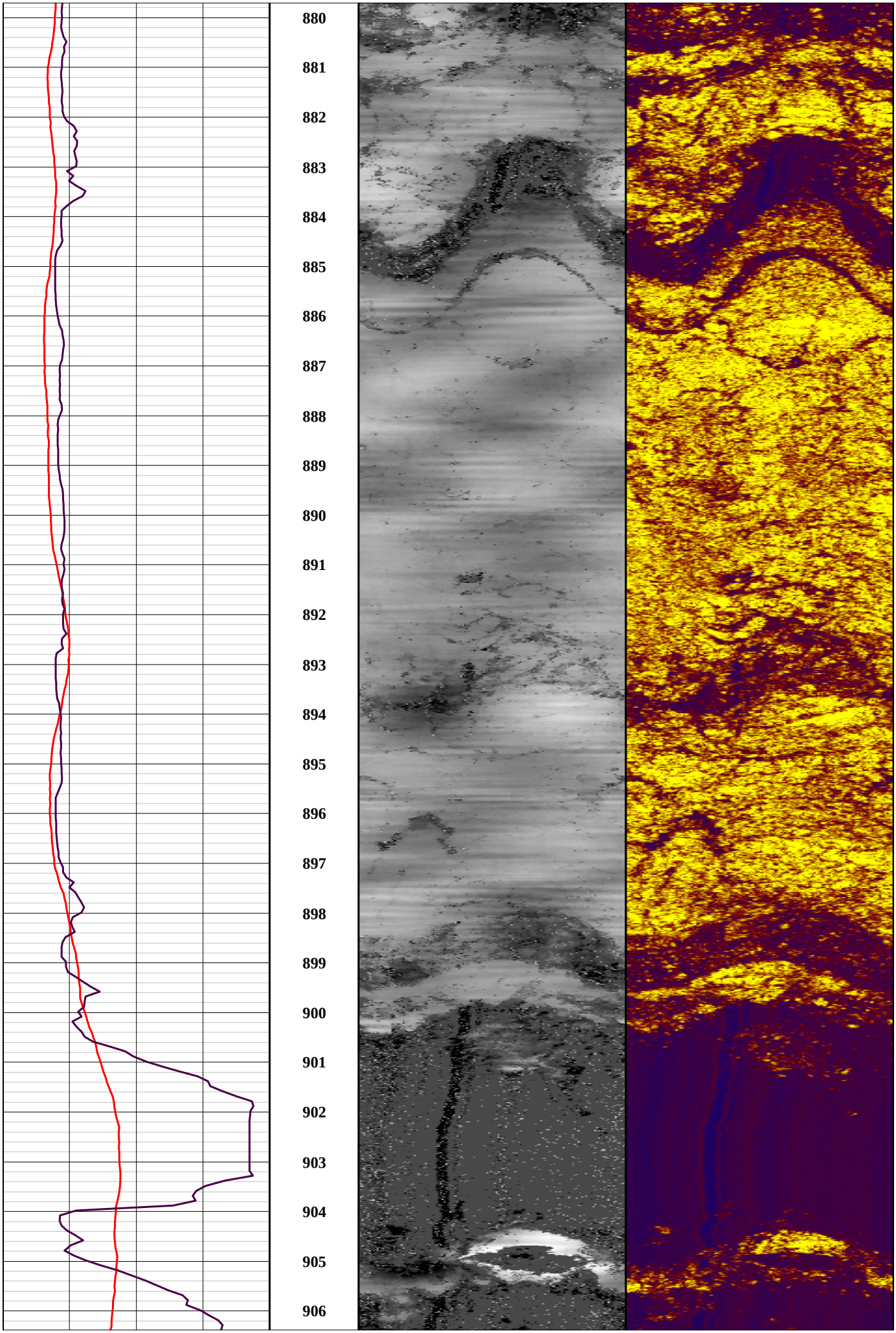
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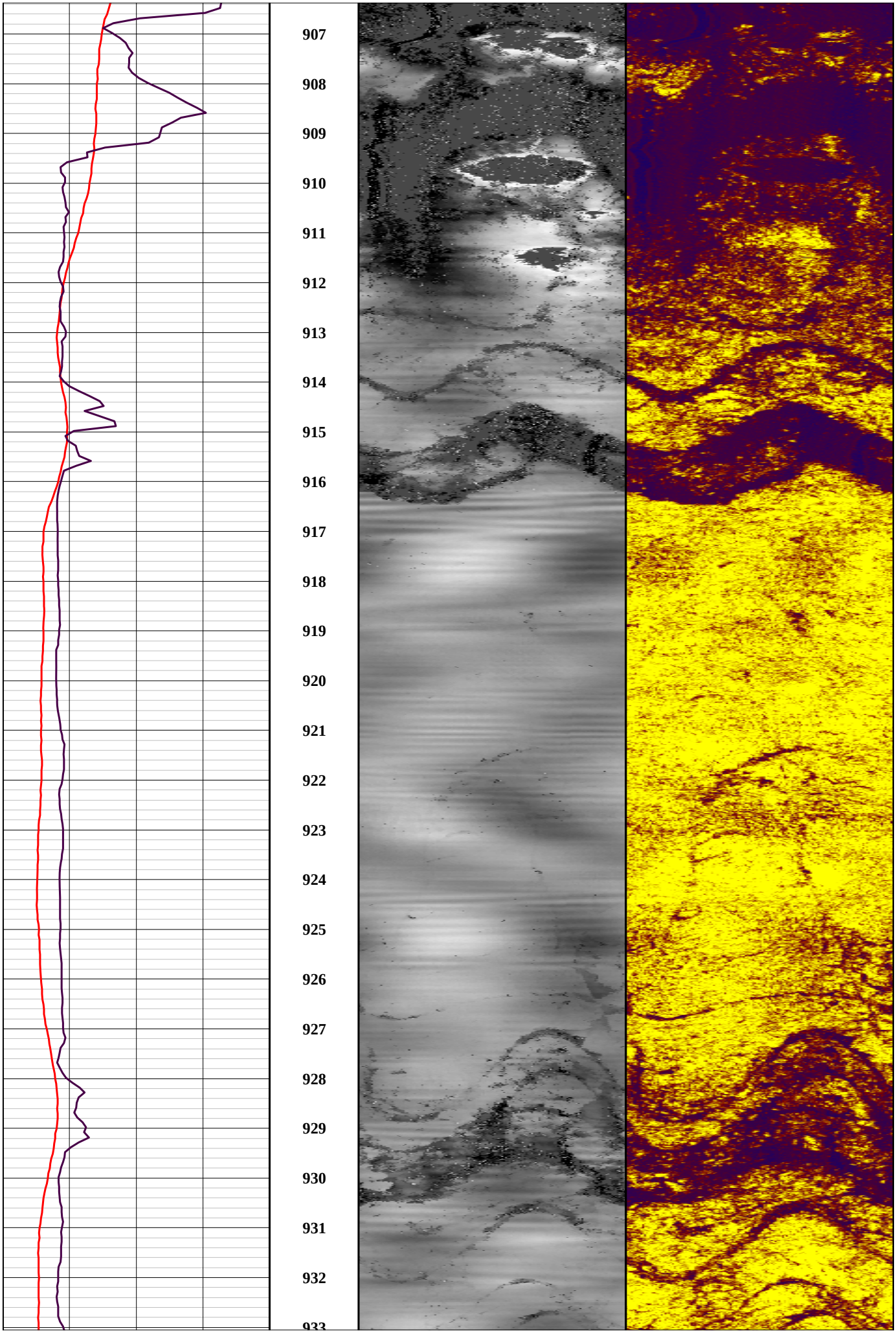
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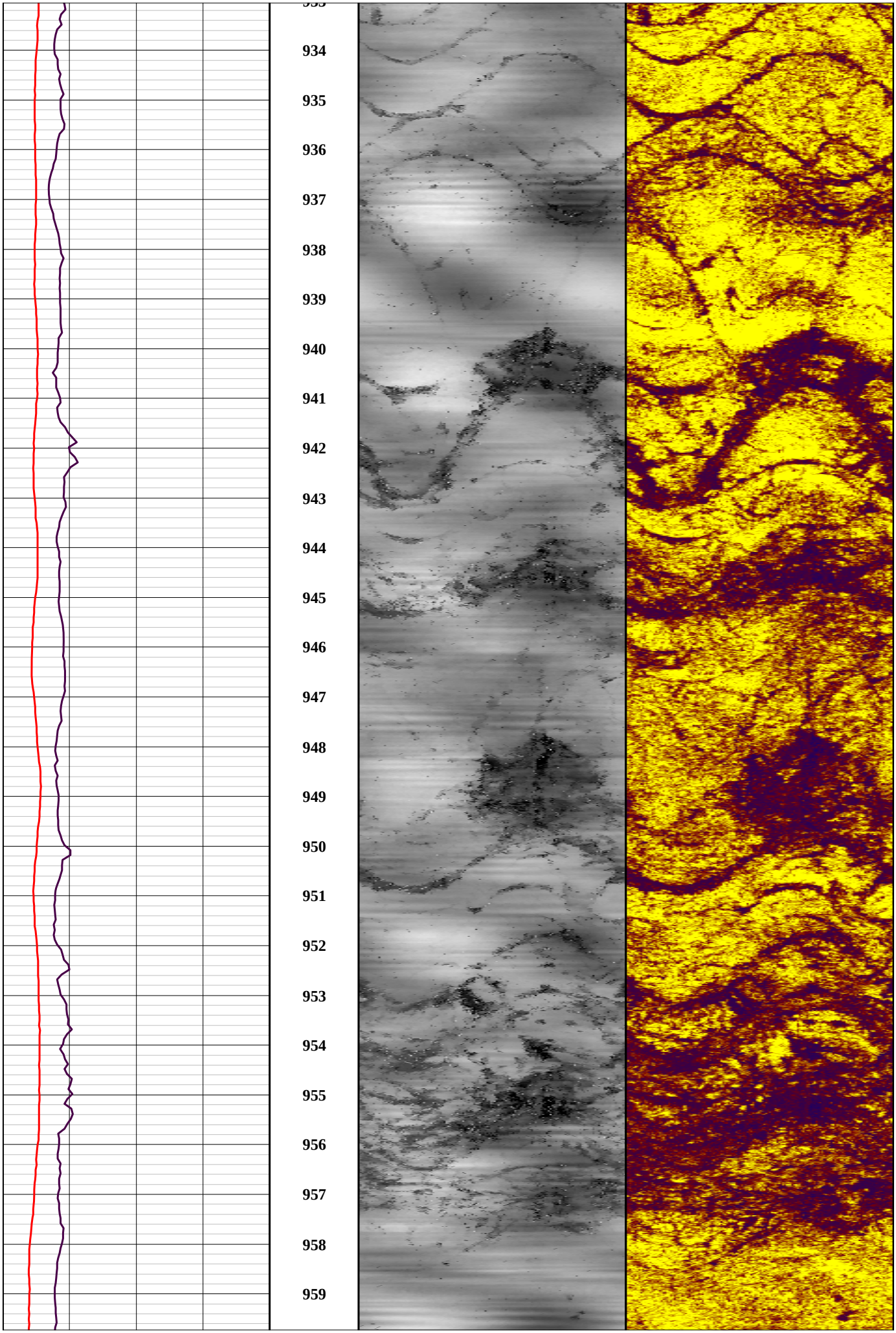
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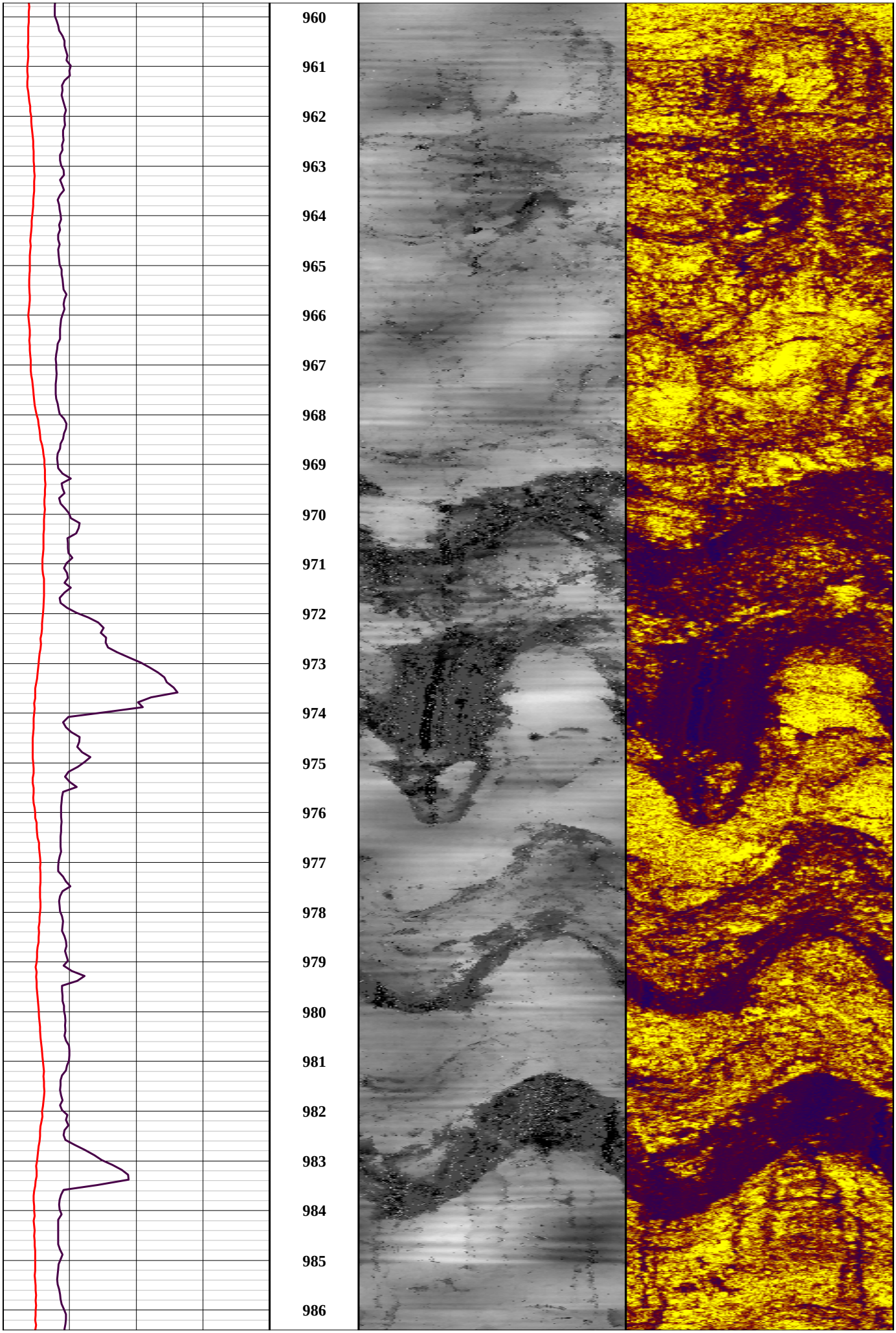
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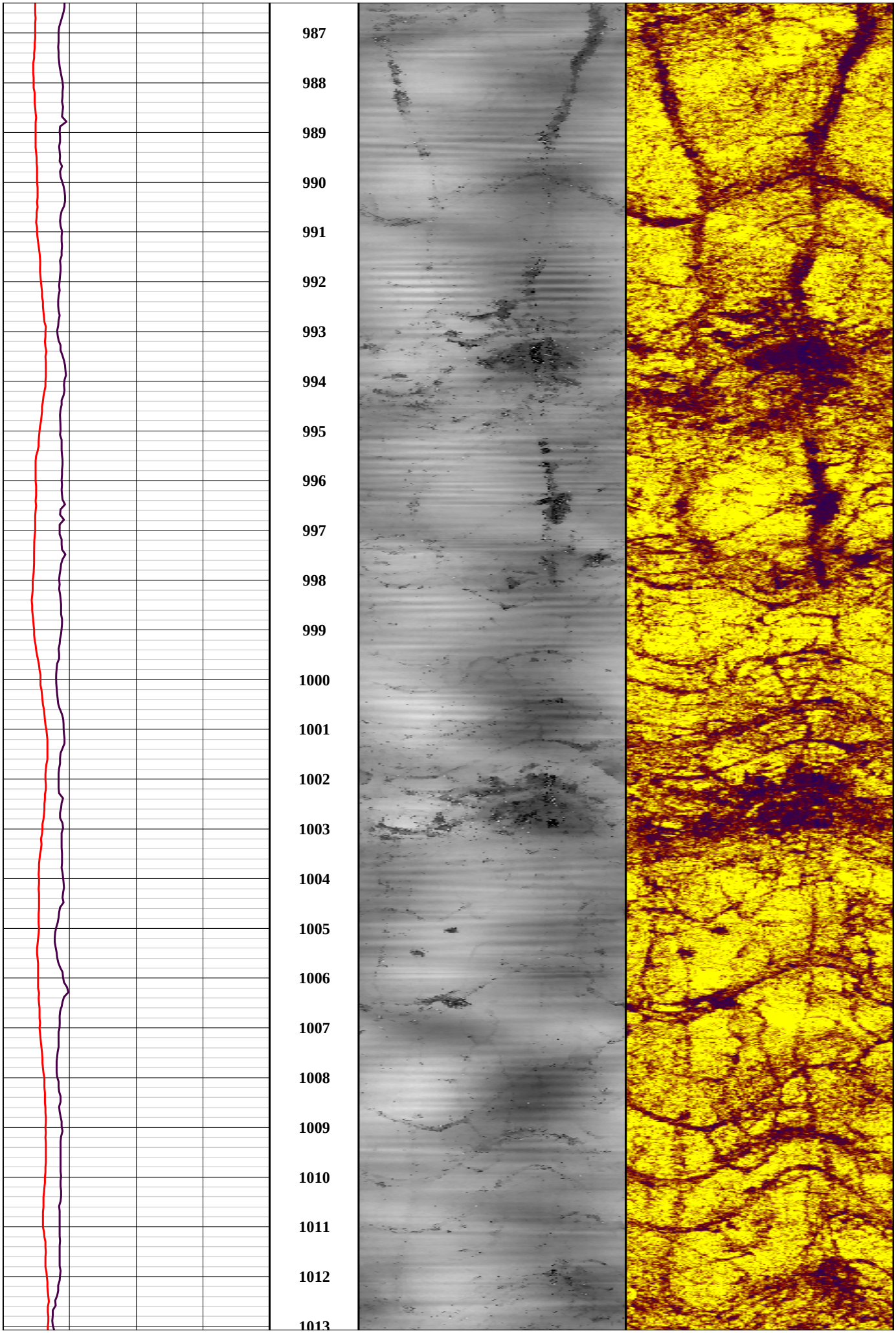
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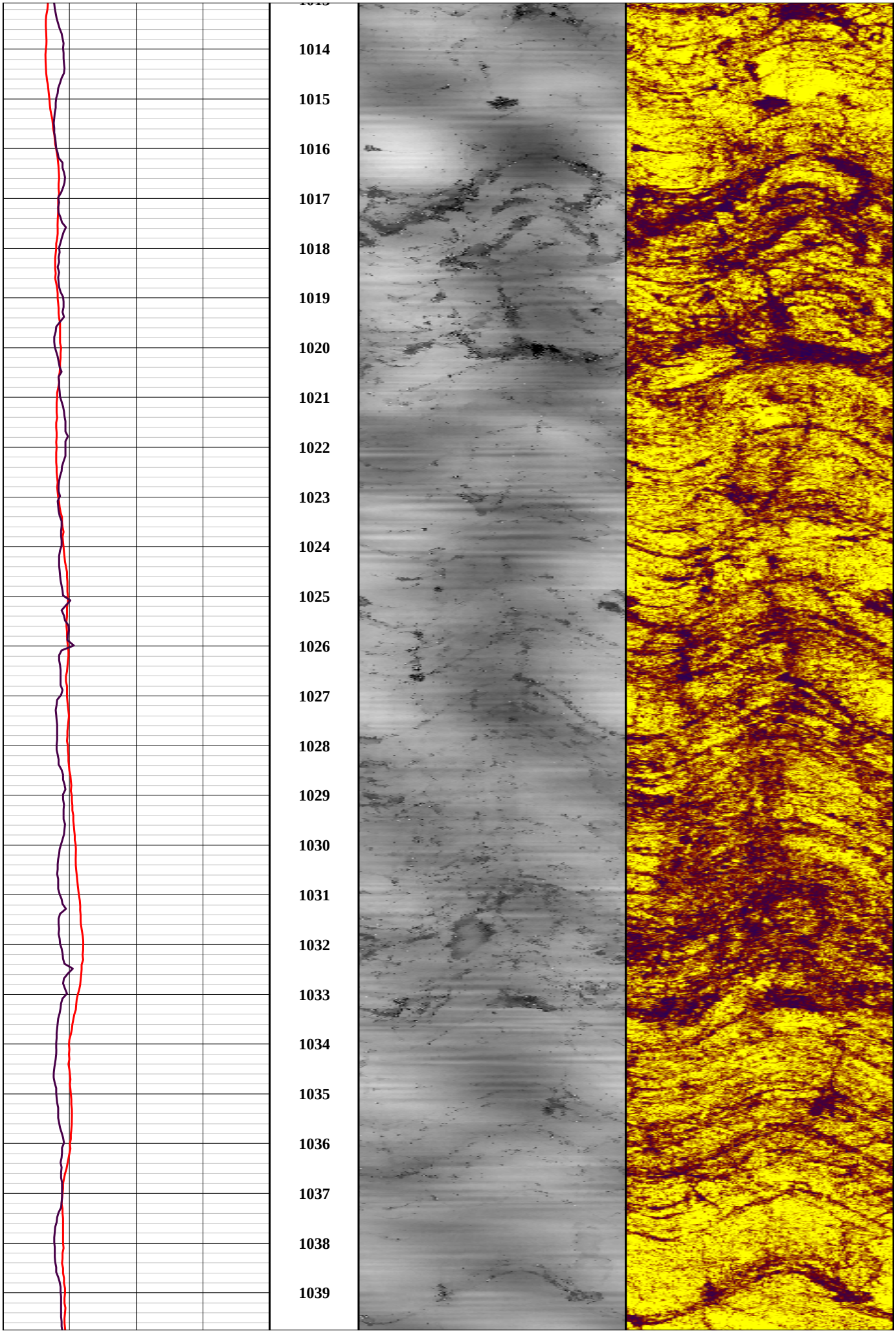
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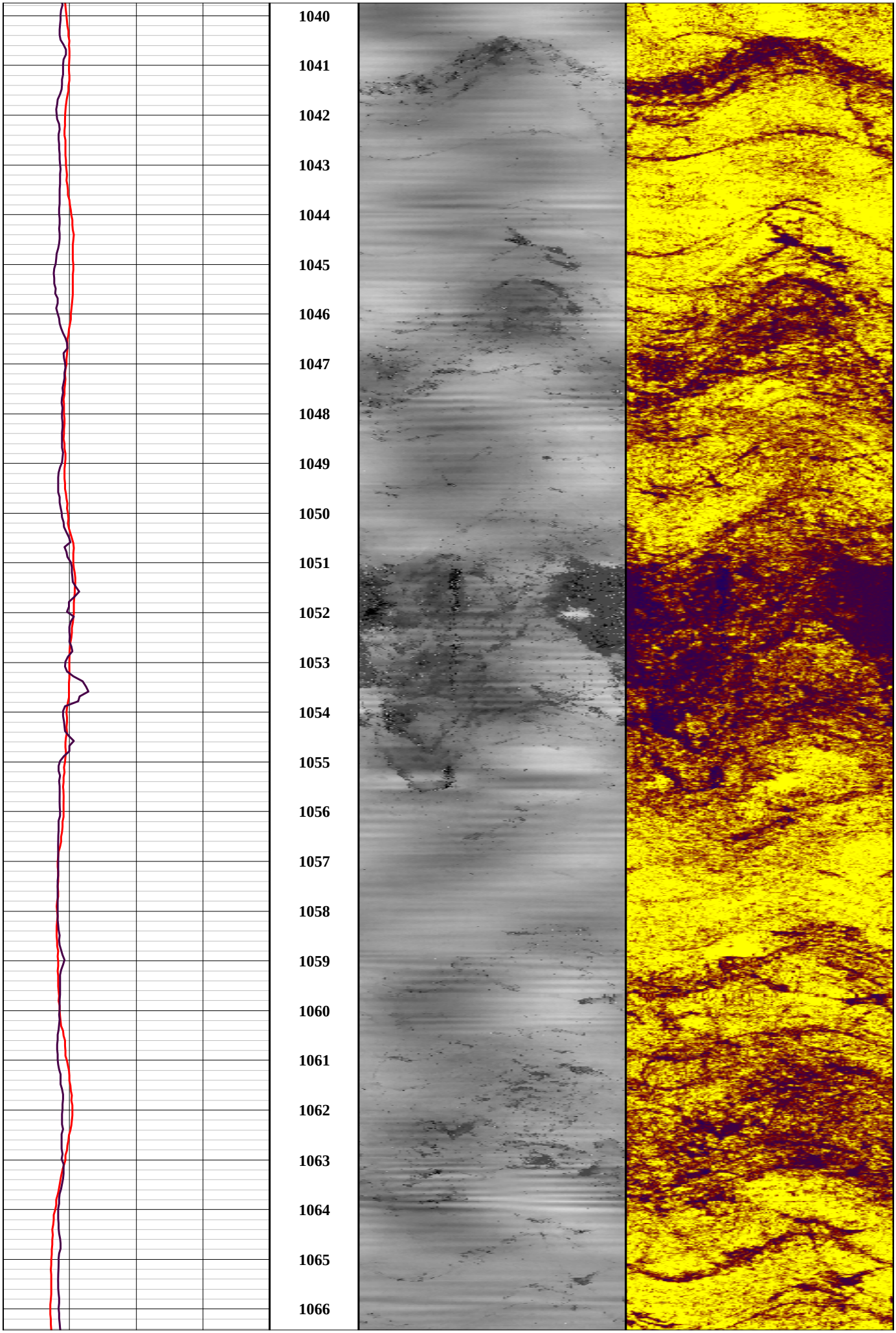
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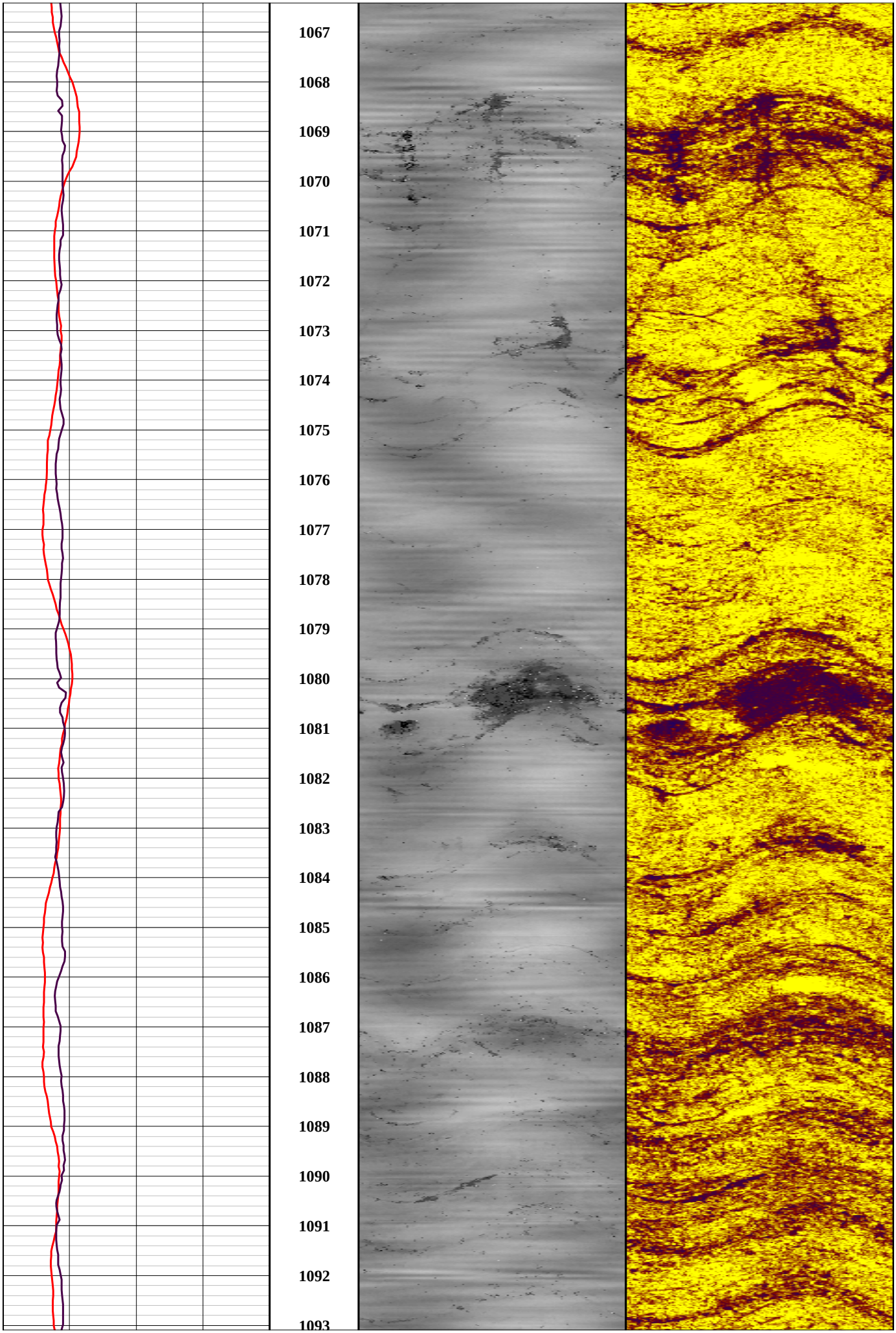
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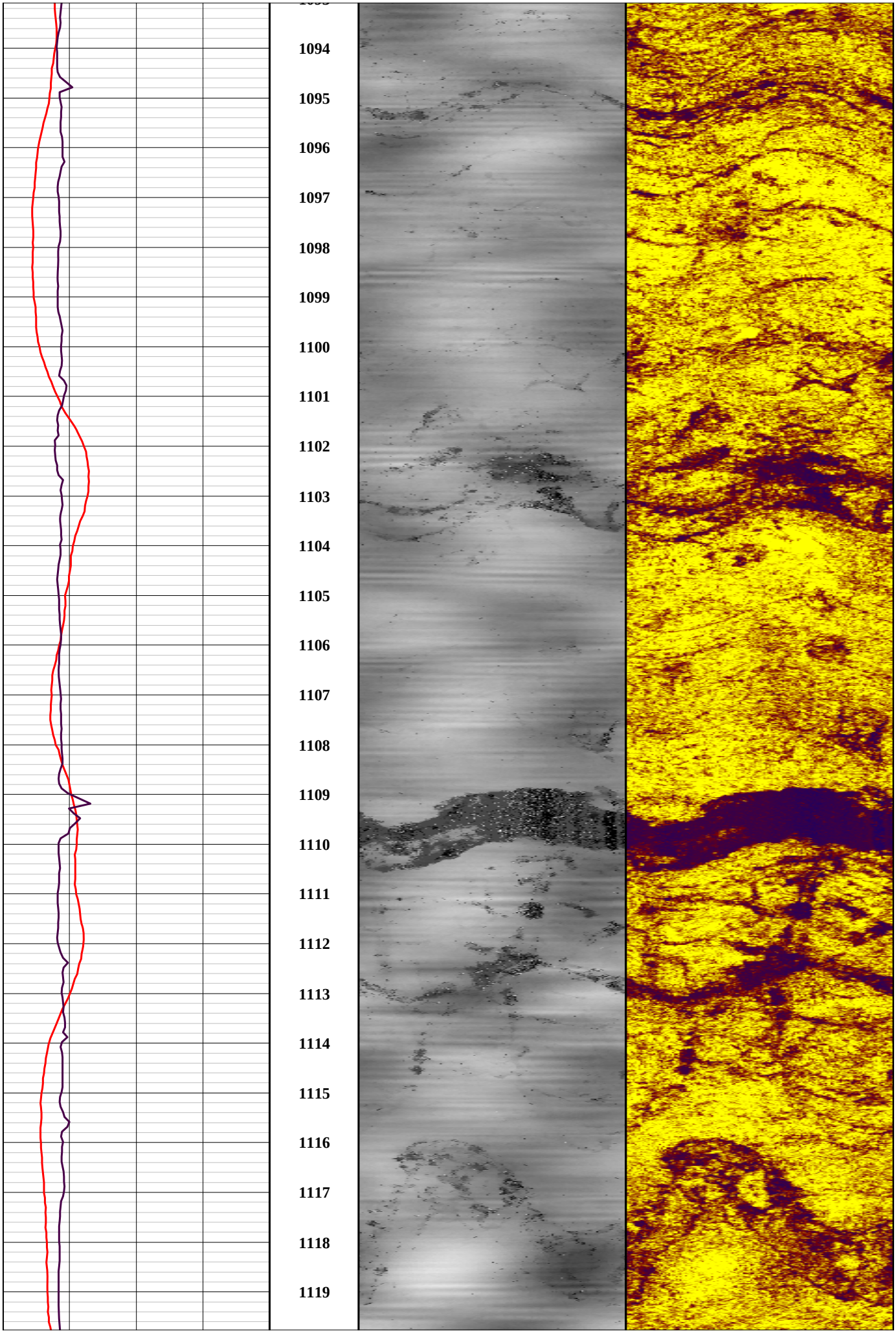
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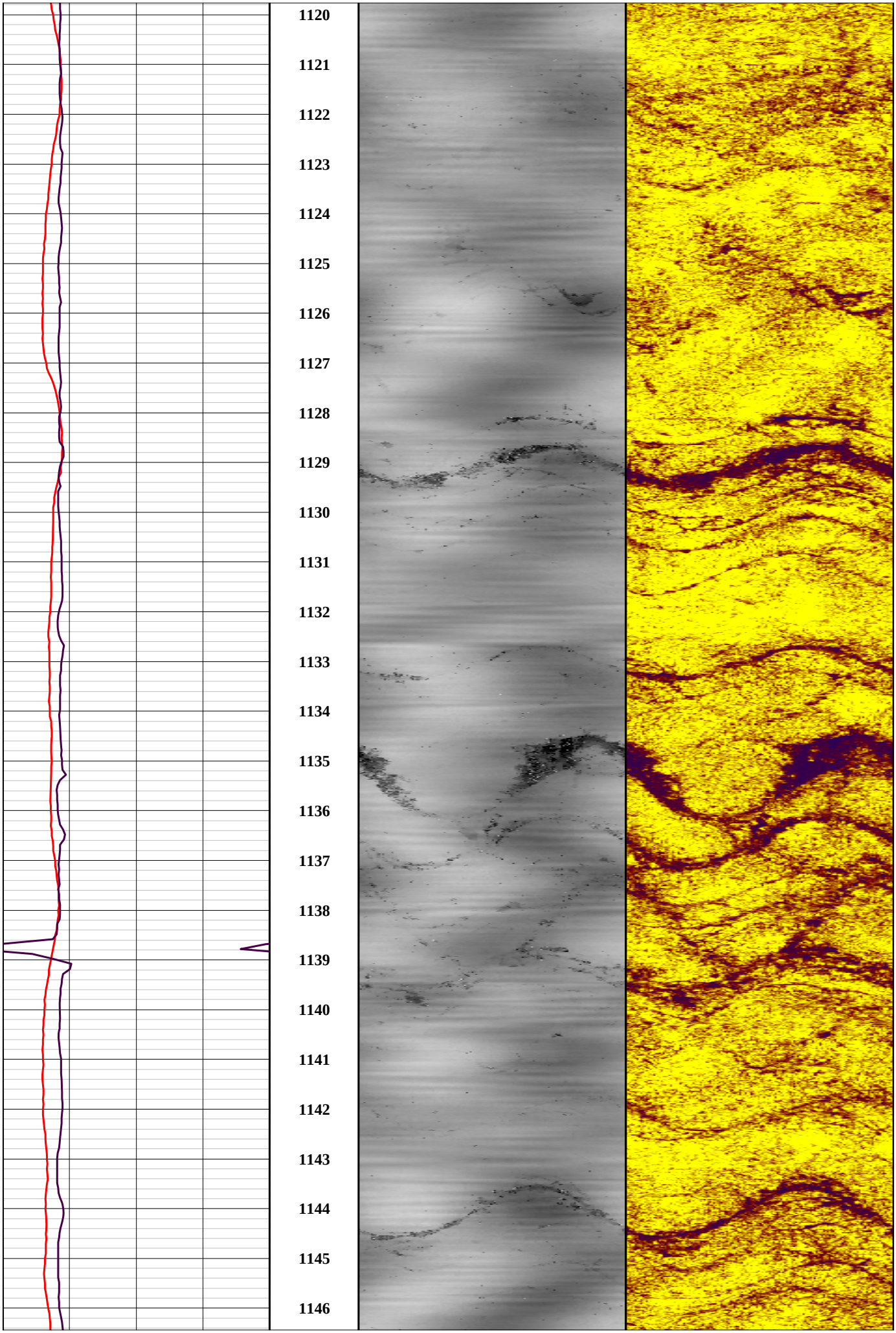
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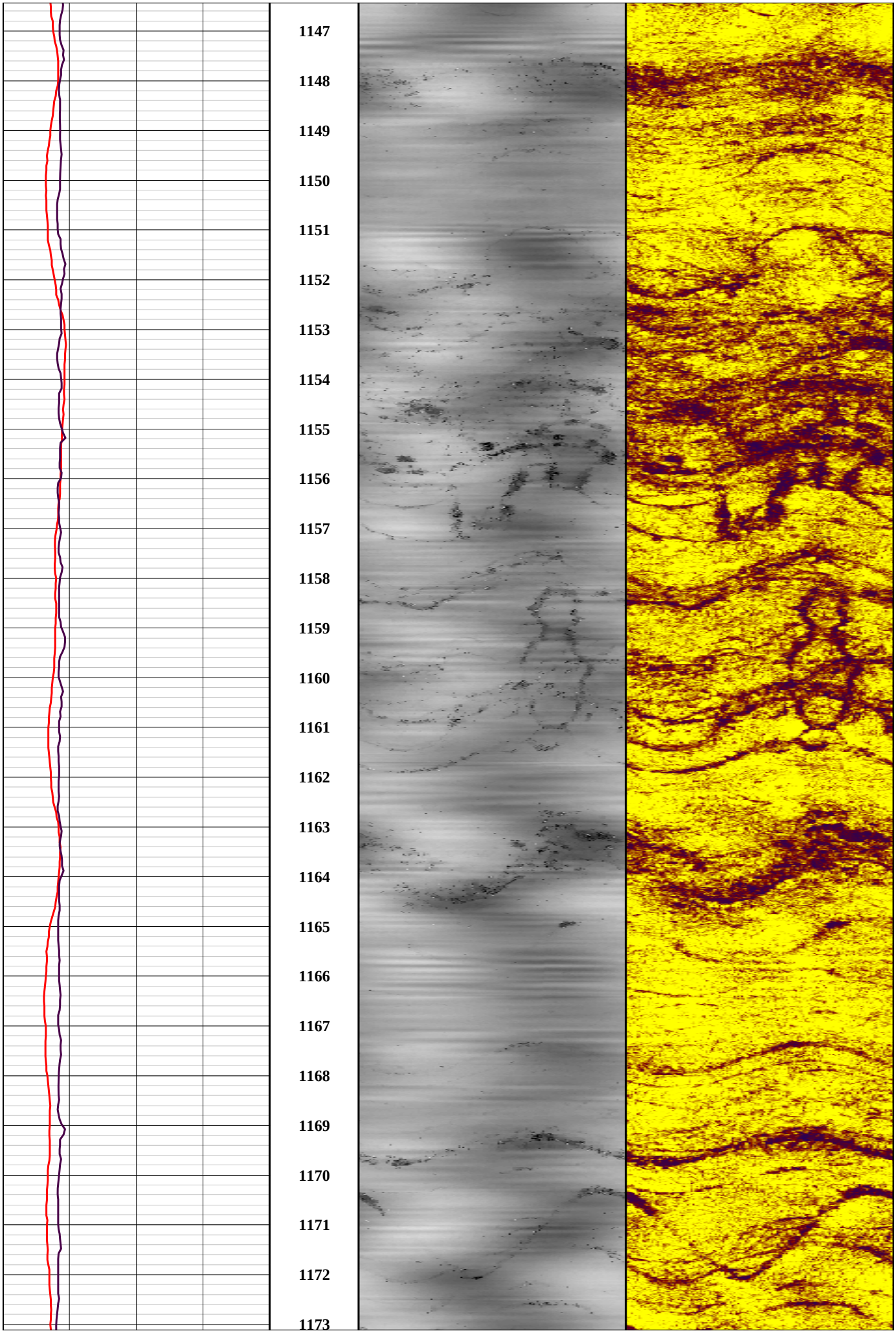
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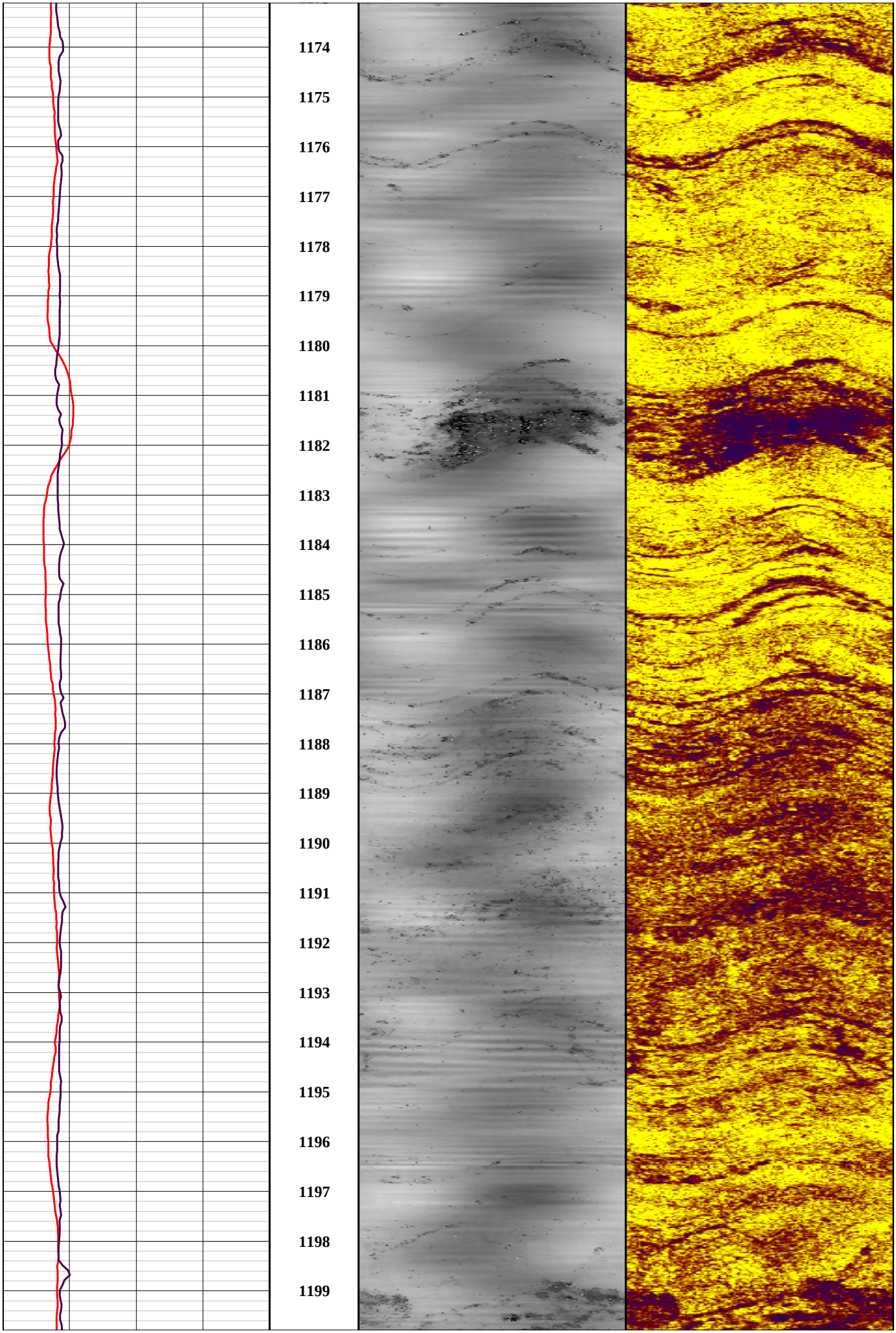
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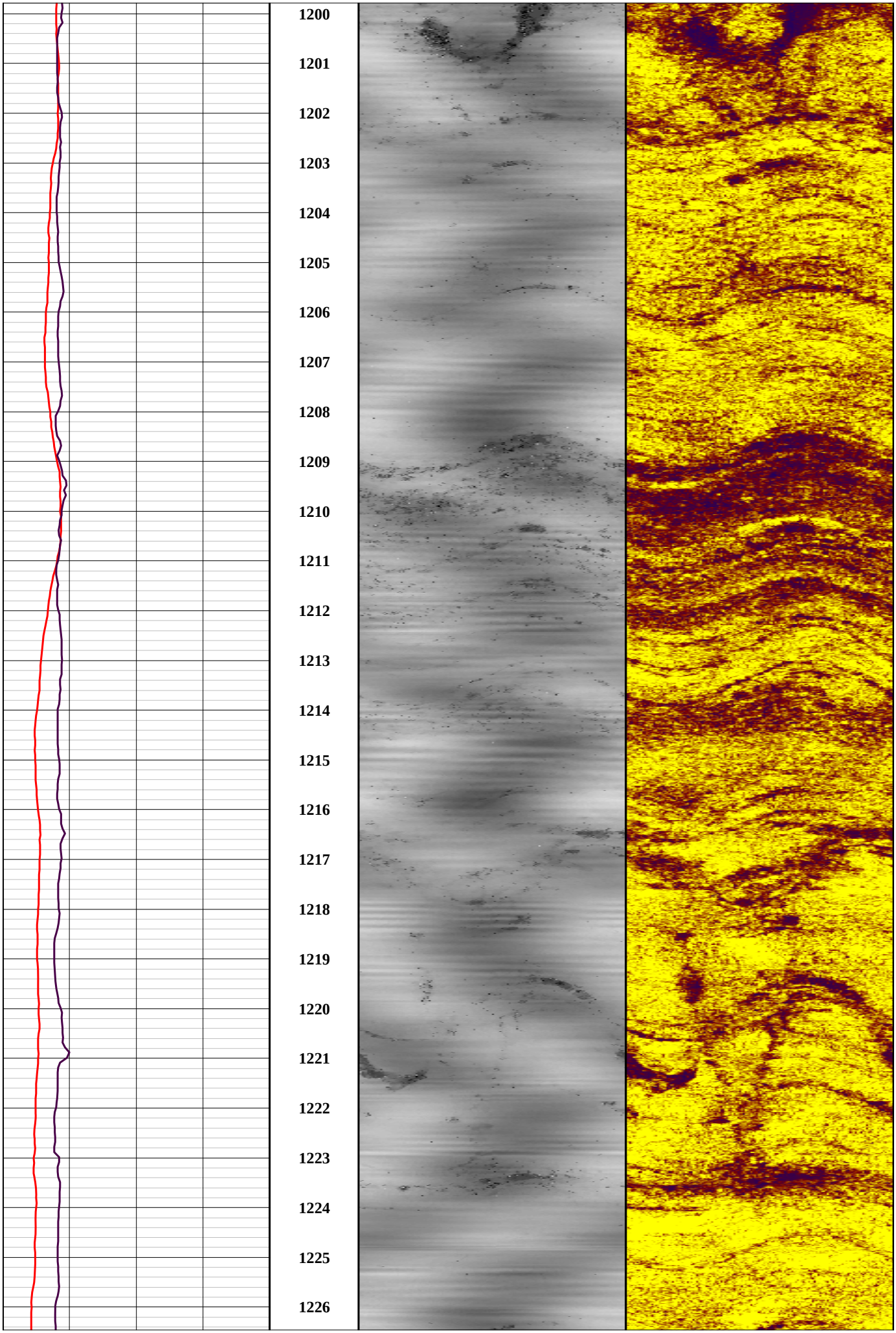
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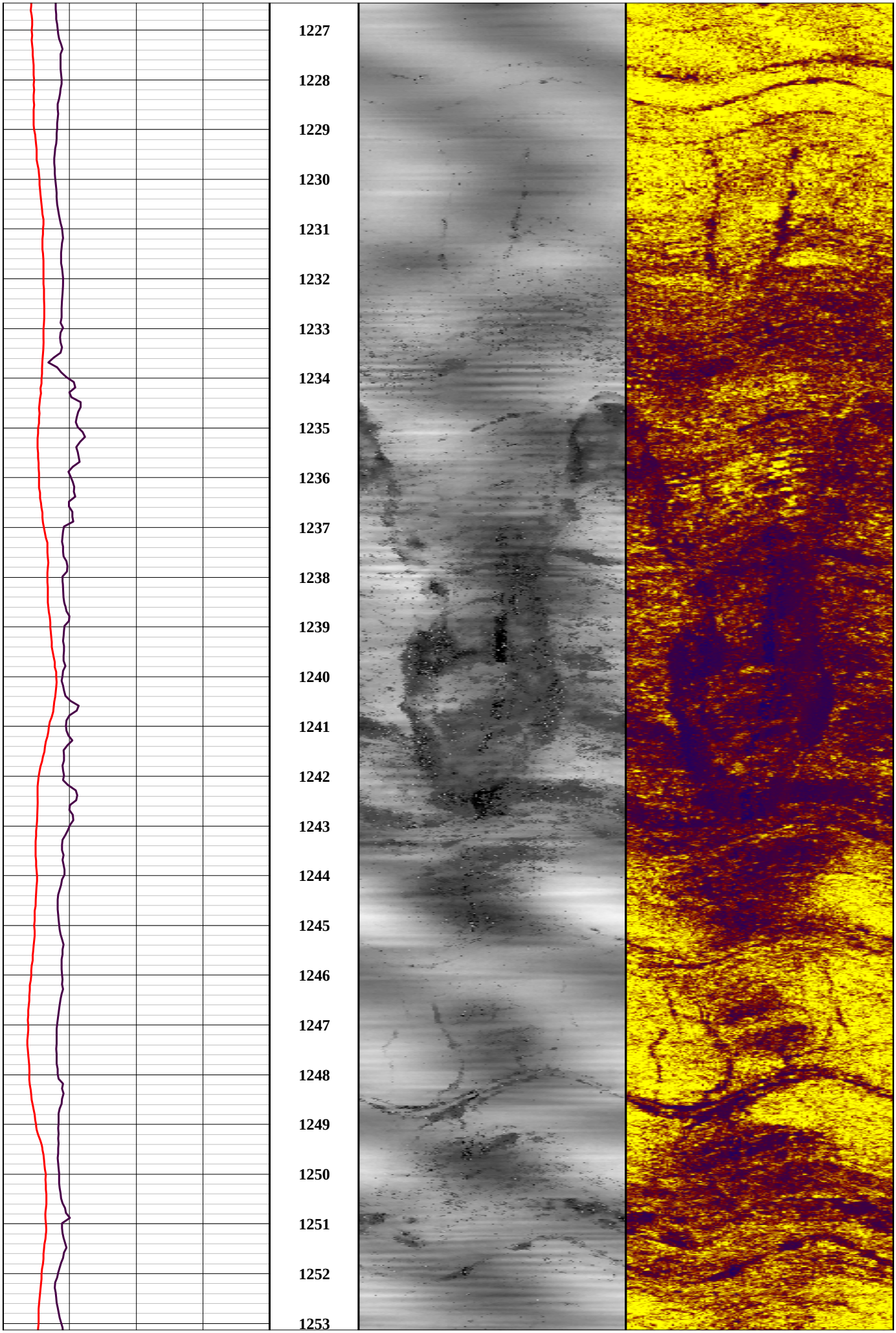
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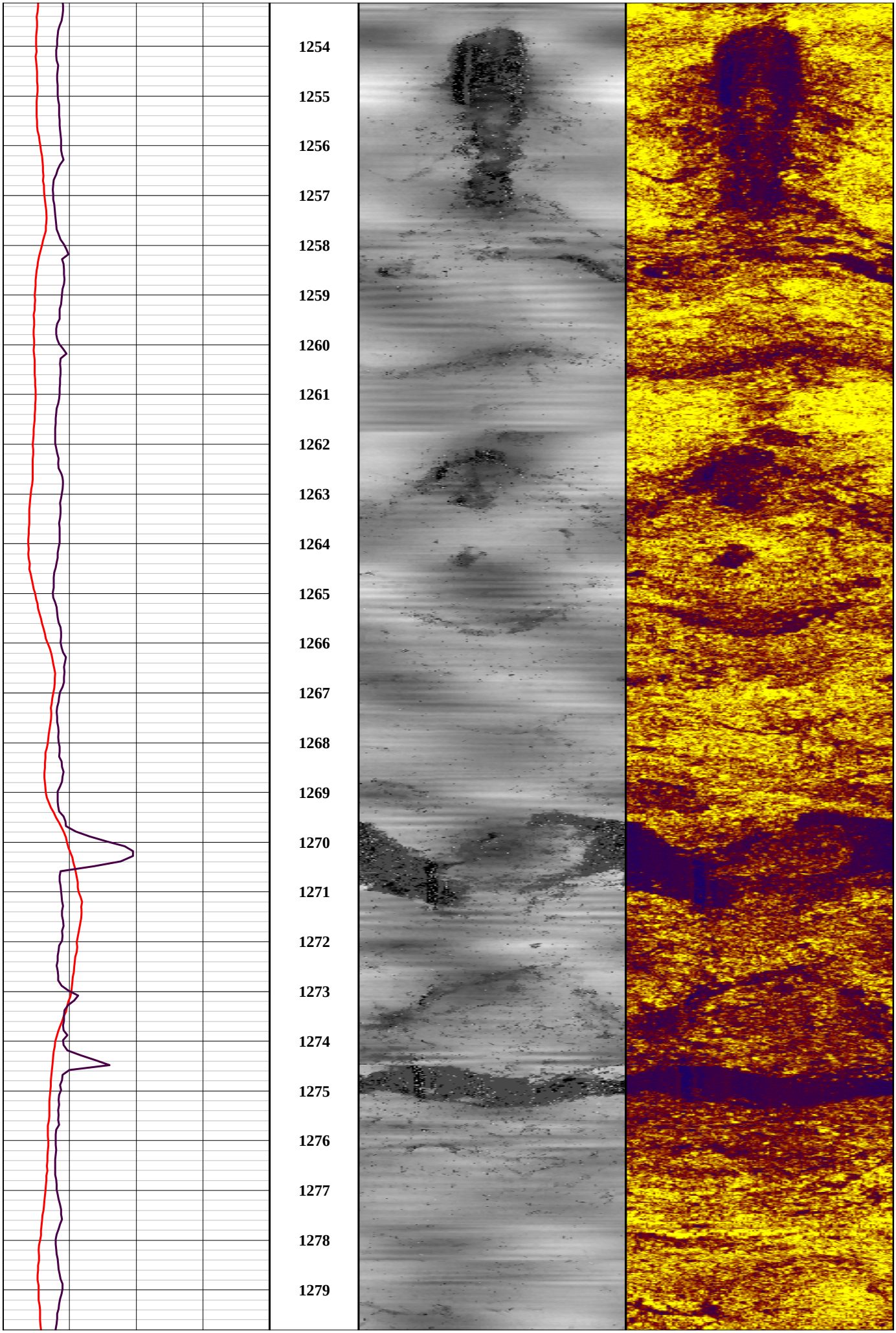
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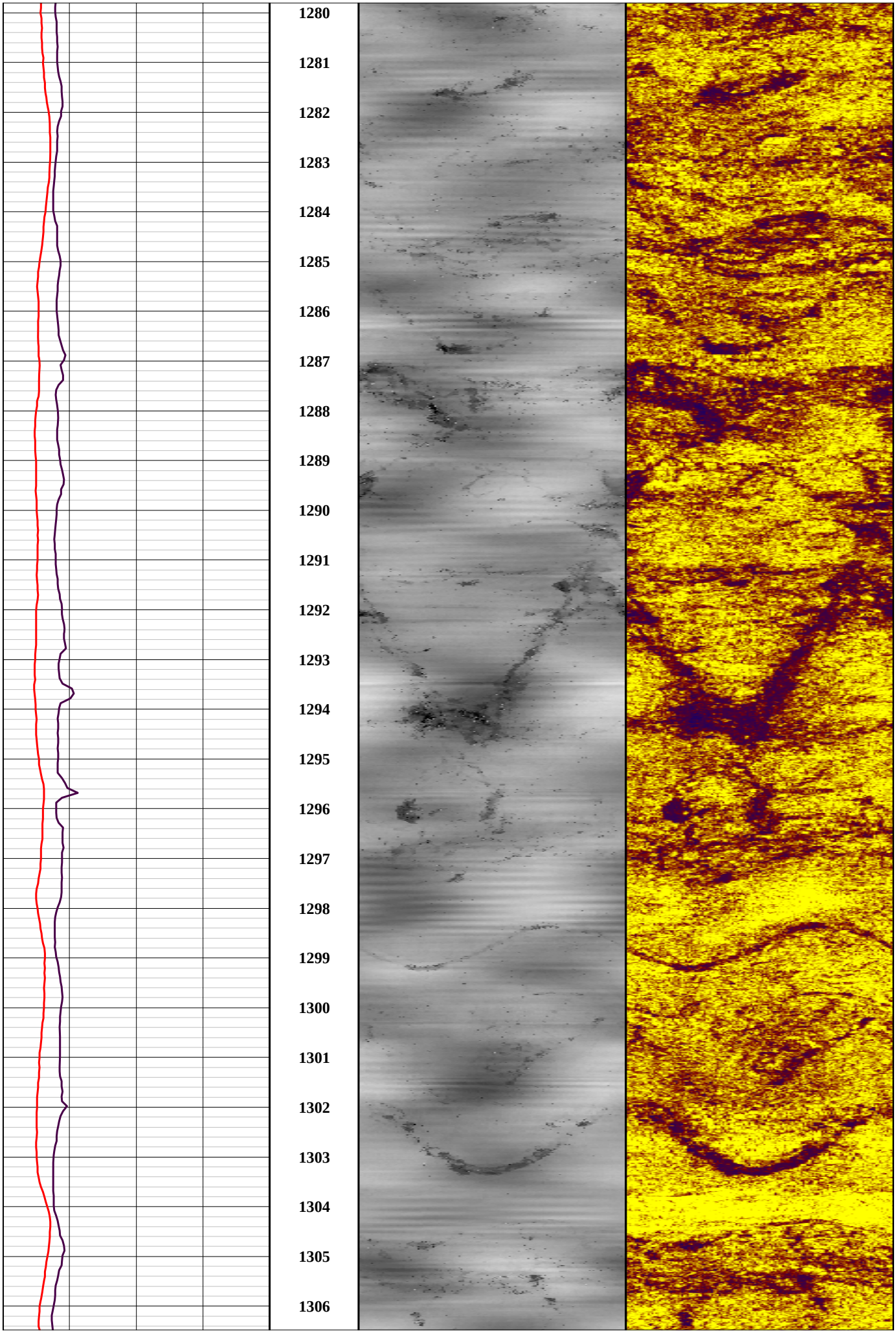
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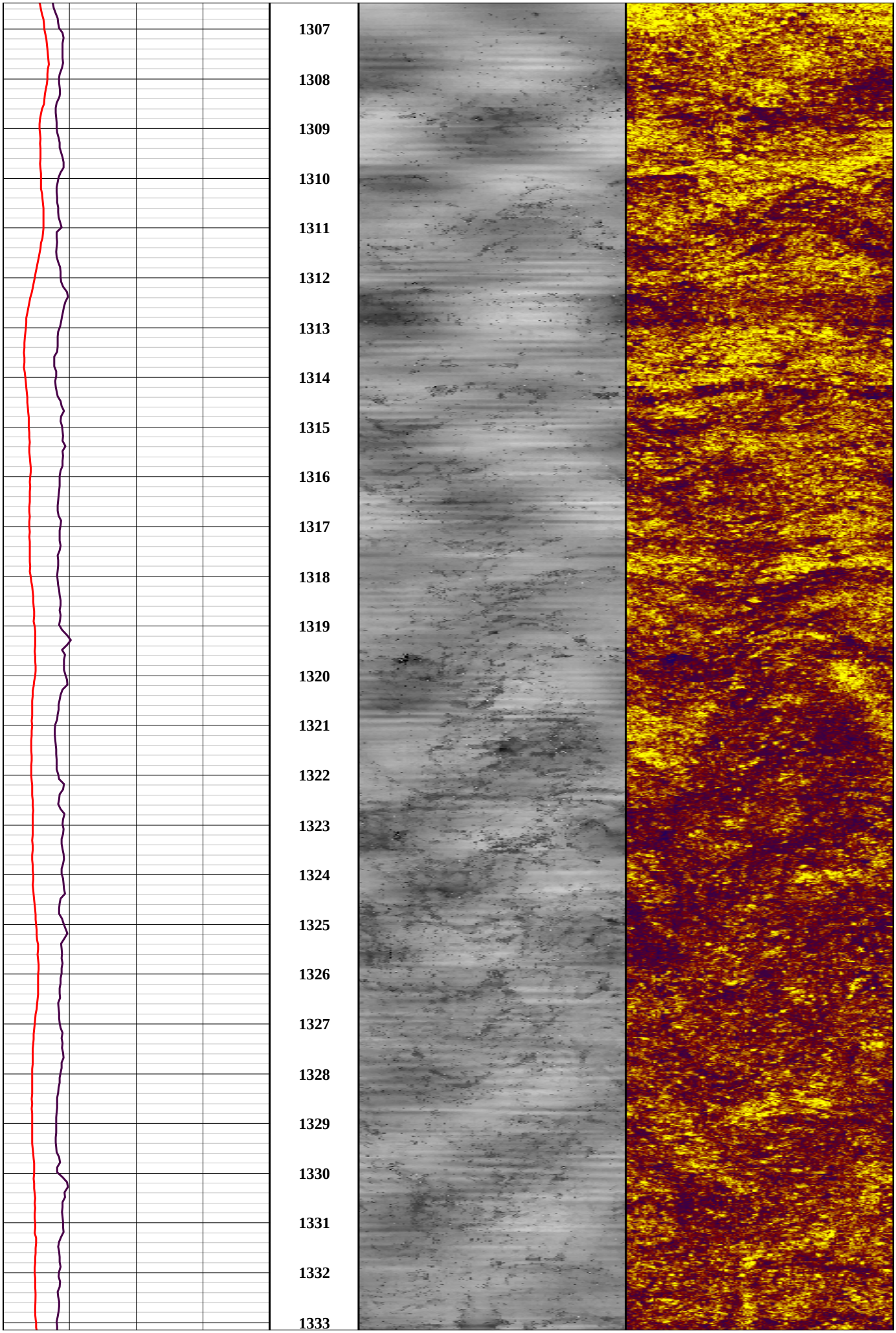
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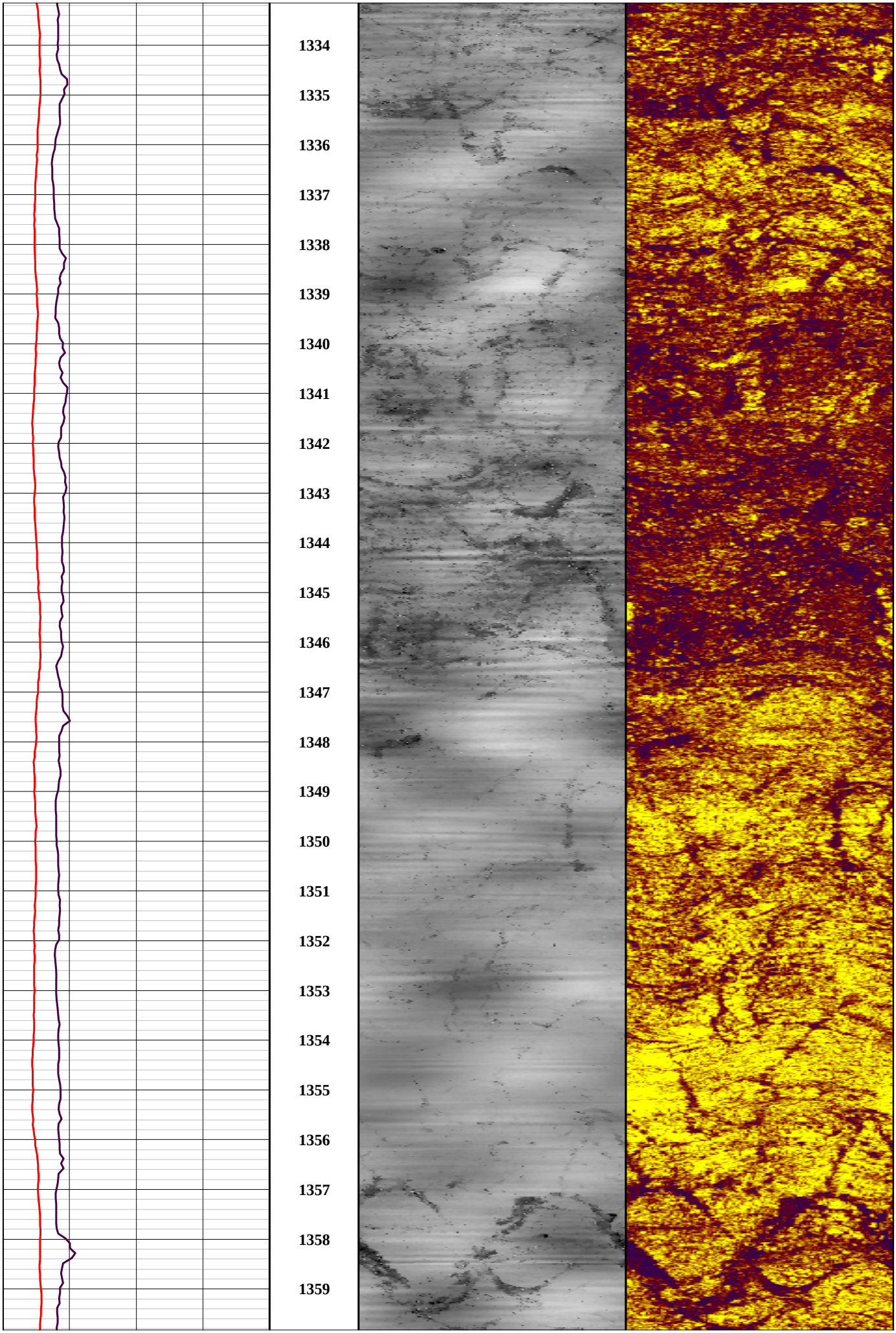
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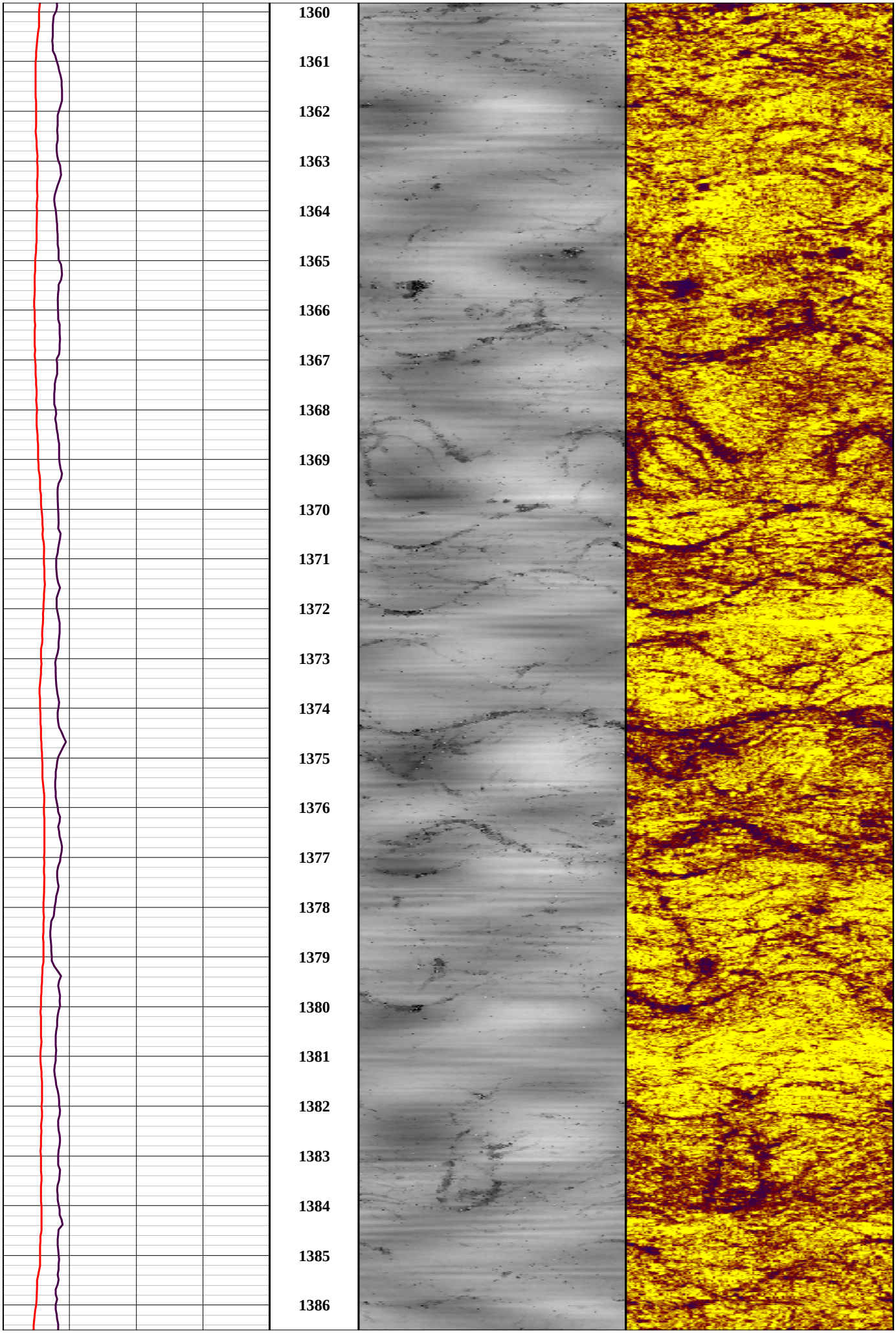
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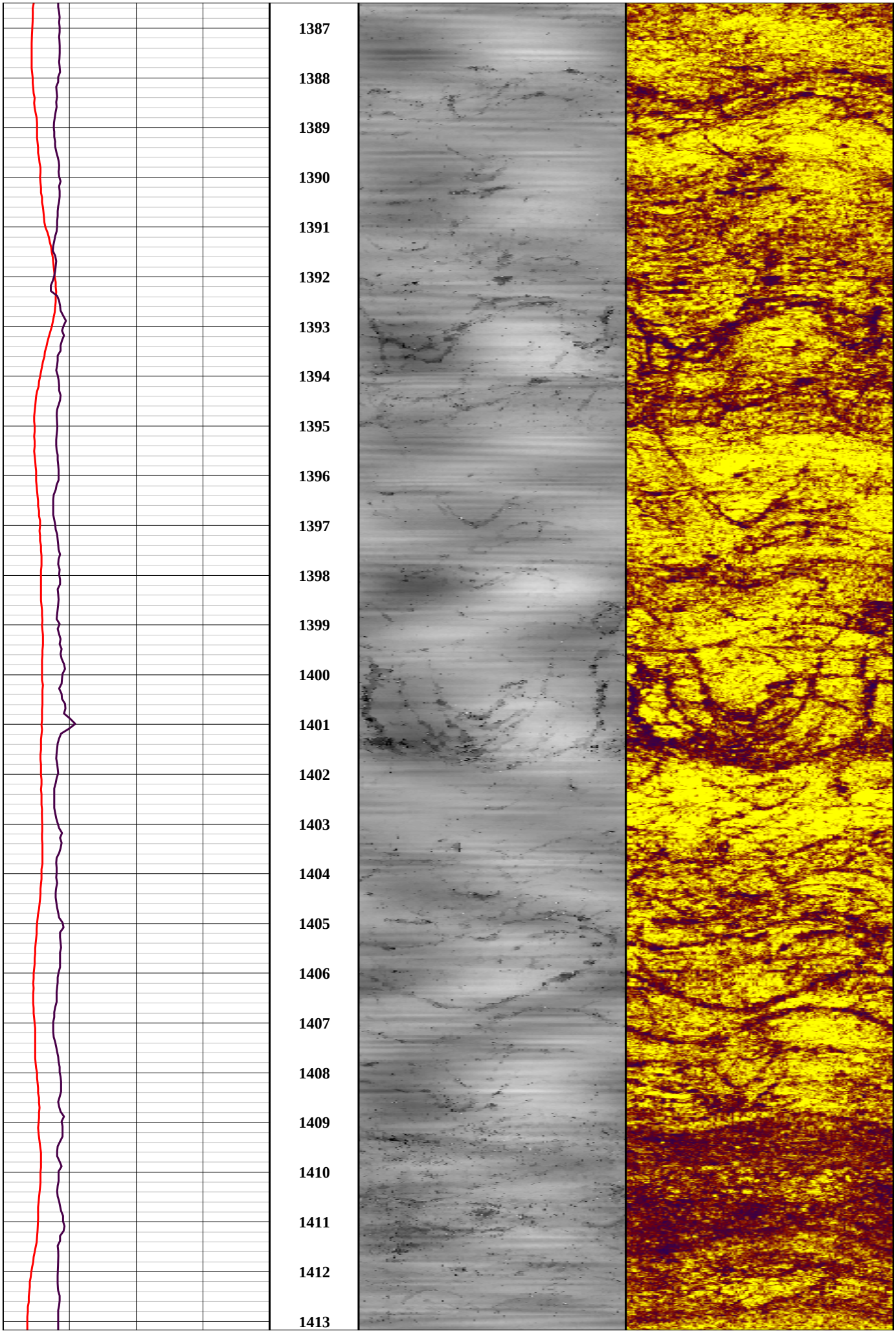
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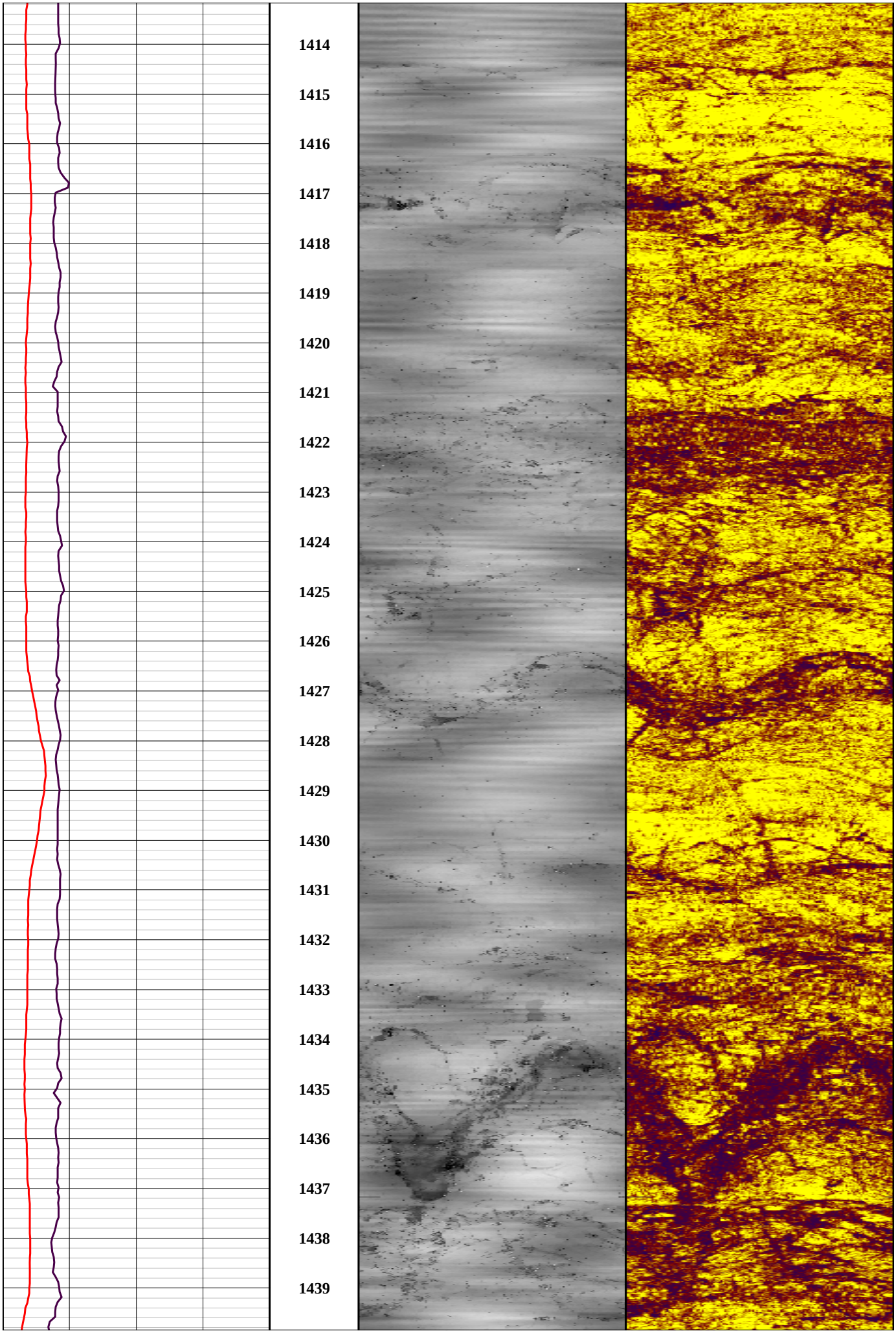
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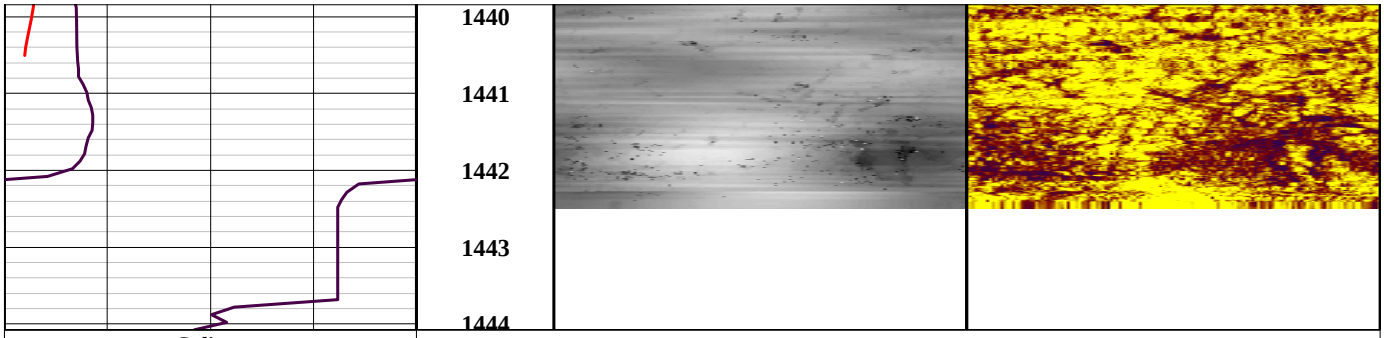

Caliper			Natural Gamma			Depth	TravelTime-NM					Amplitude-NM				
6	inches	16	0	CPS	1000	1ft:30ft	0°	90°	180°	270°	0°	0°	90°	180°	270°	0°