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-016
FIELD	Gunnison
COUNTY	Cochise
STATE	Arizona

Company Excelsior Mining
Well NSH-016
Field Gunnison
County Cochise
State AZ

LOCATION
NSH-016

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

OTHER SERVICES
Full-Waveform Sonic
T-Fl. Res
Electric Resistivity
Flow-Meter

PERMANENT DATUM GROUND LEVEL **ELEVATION** NA

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

DRILLING MEAS. FROM GROUND LEVEL

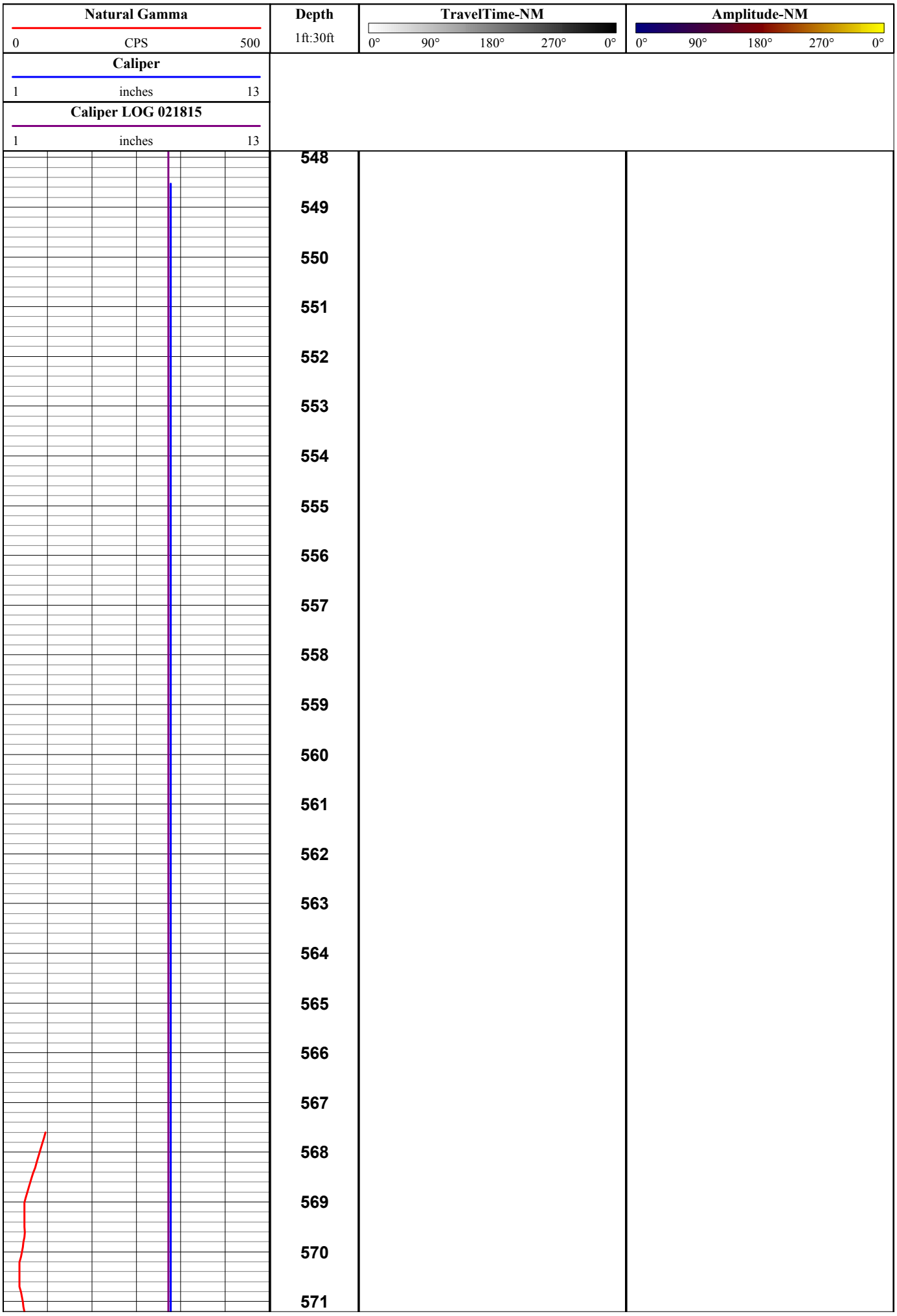
DATE ACQUIRED	19 November 2014	19 November 2014	18 February 2015	
RUN NUMBER	1	2	1	
LOG TYPE	ABI	Gamma/Caliper	Caliper	
DEPTH-DRILLER	826'			
DEPTH-LOGGER	816'	816'		
BTM LOG INTERVAL	816.5'	816.6'	812'	
TOP LOG INTERVAL	580.7'	548.5'	548'	
RECORDED BY	C. ONeil			
WITNESSED BY	Kendra			
PROBE TYPE, S/N	ABI, 111018	FDGS 5924	Comprobe	
LOGGING SPEED	6.3 ft/min	12 ft/min	25 ft/min	
A.S.D.E.	0.45'	0.37'	1'	
SAMPLE INTERVAL	0.007'	0.1'		

BOREHOLE RECORD				**CASING RECORD**			
RUN No.	**BIT**	**FROM**	**TO**	**SIZE**	**WGT.**	**FROM**	**TO**
ONE	7 7/8"	585'	826'	8 5/8"	STEEL	GS	585'

NA - Not Available, N/A - Not Applicable

COMMENTS
Water-level = 594.3'

INPUT FILES:
NSH-016 ABI-UP-2.tfd
NSH-016 CAL-UP.LOG
NSH-016 CAL-UP.hed
NSH-016-CAL-UP.tfd


Natural Gamma
0 CPS 500
Caliper
1 inches 13
Caliper LOG 021815
1 inches 13
Depth
1ft:30ft
TravelTime-NM
0° 90° 180° 270° 0°
Amplitude-NM
0° 90° 180° 270° 0°
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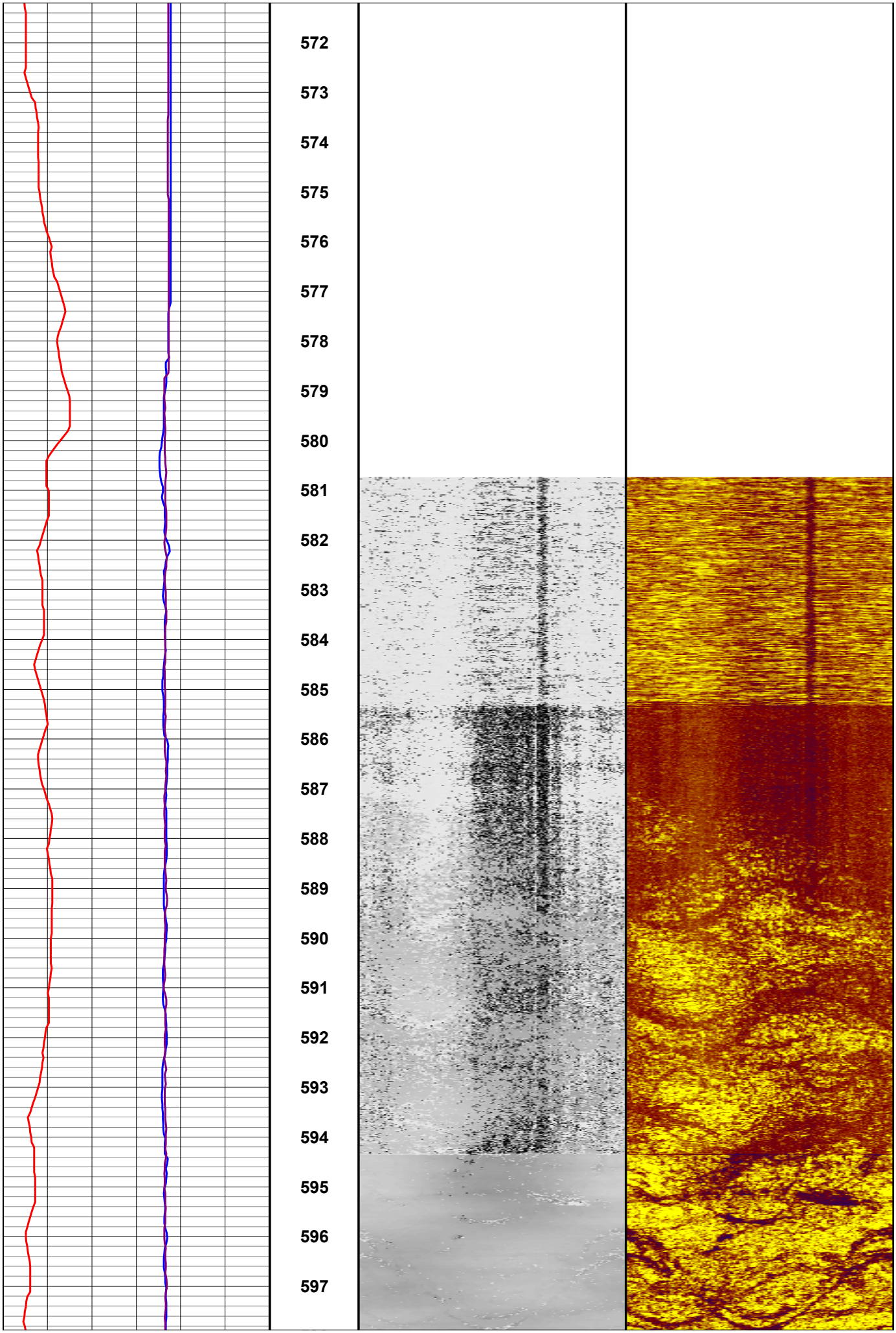
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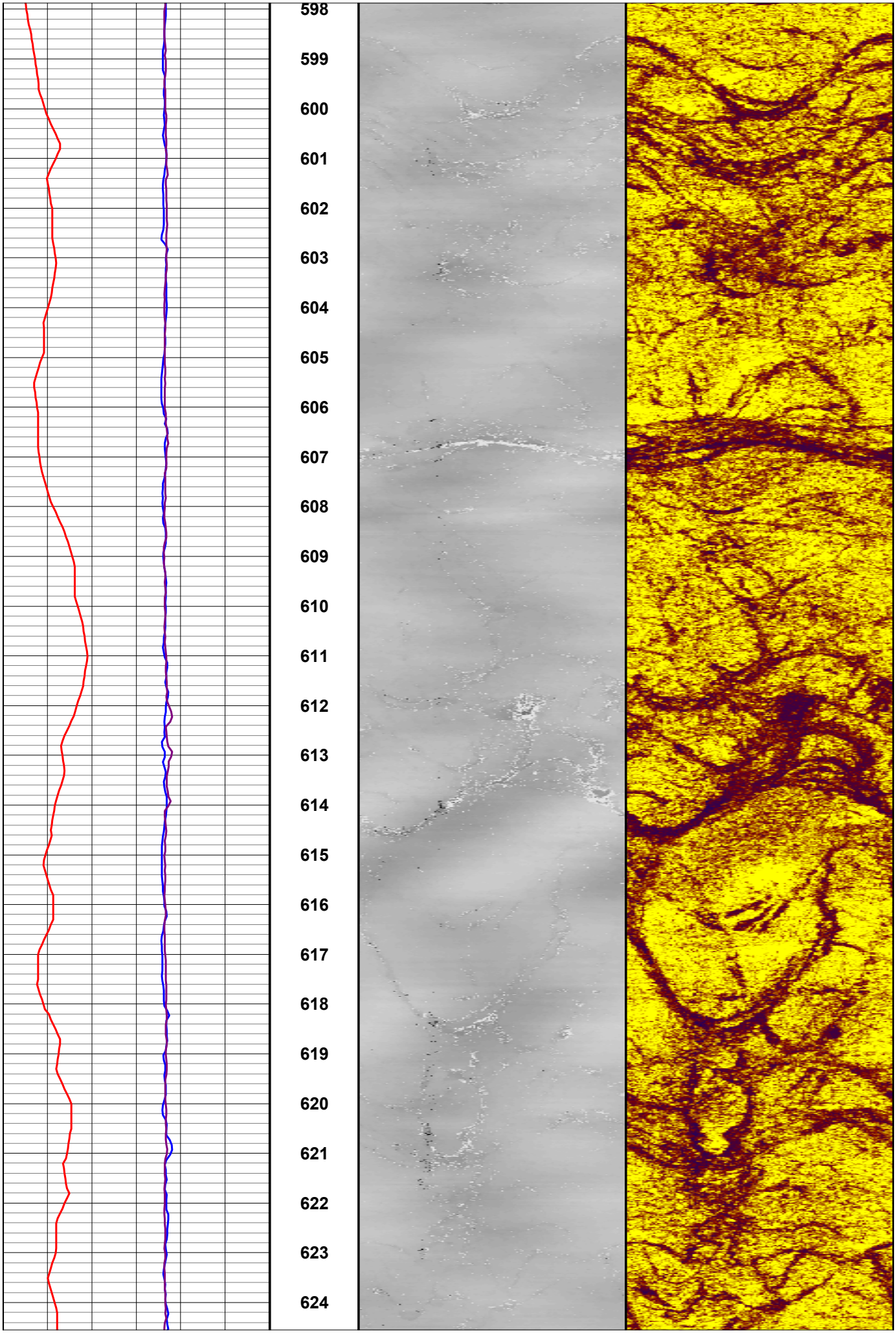
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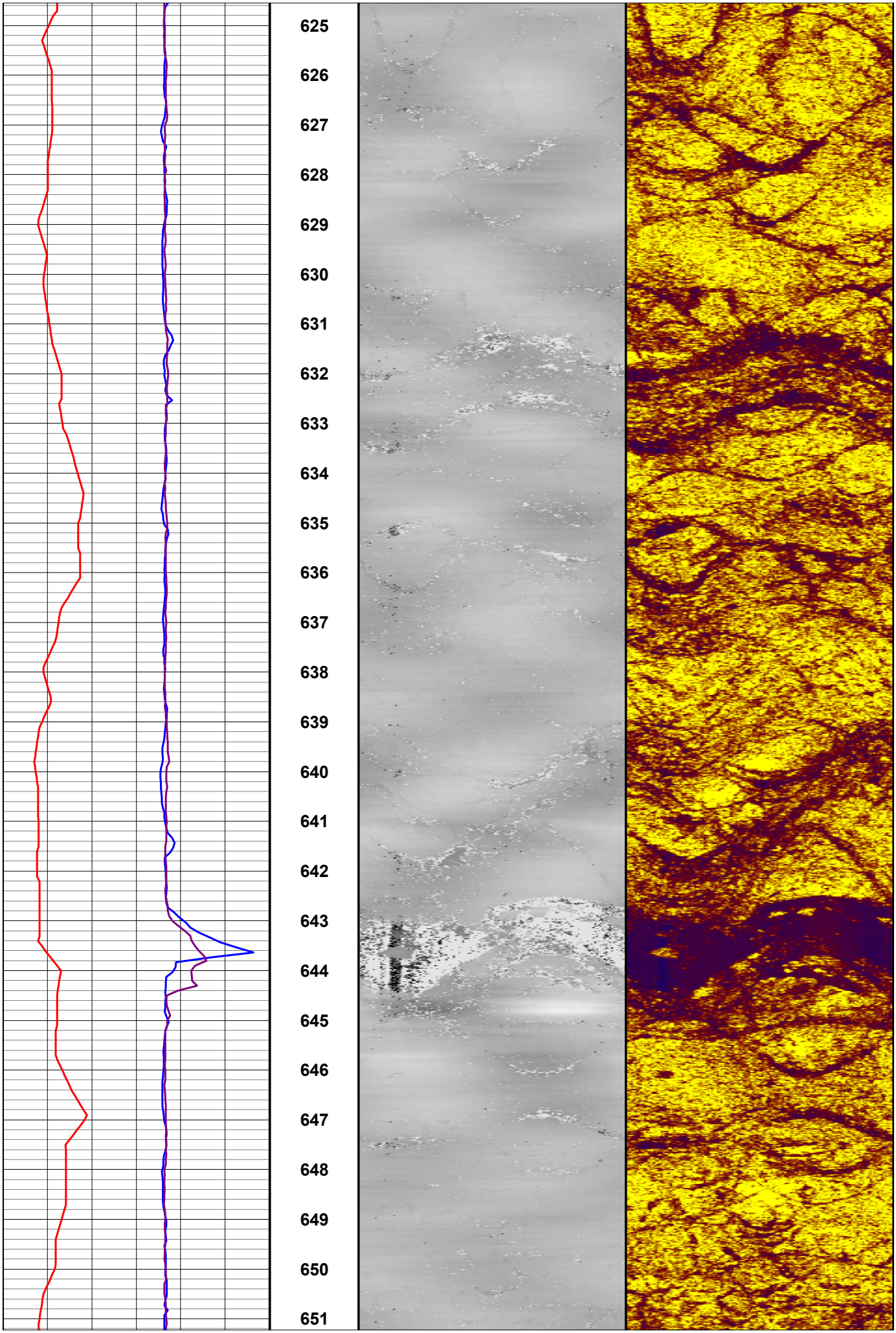
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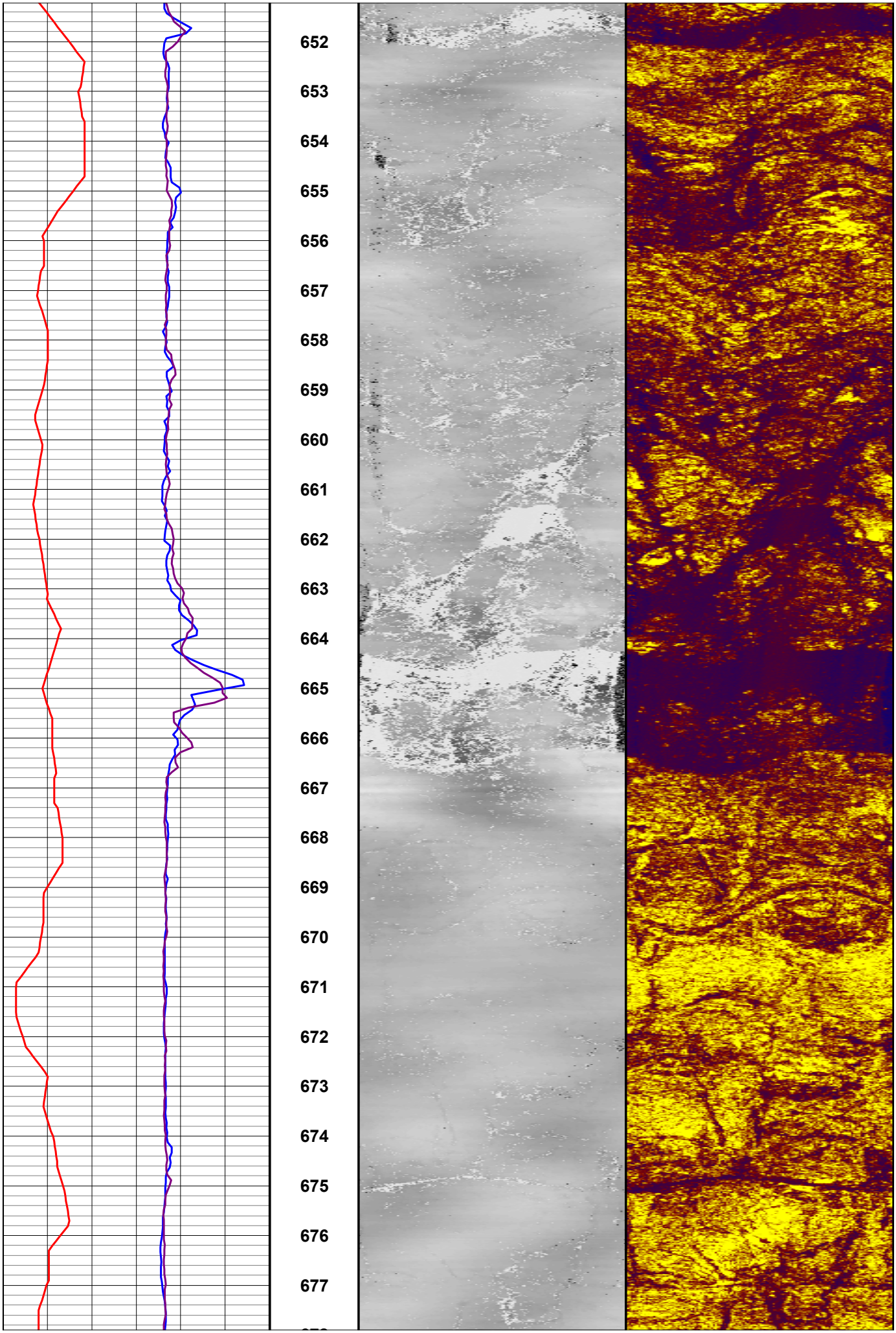
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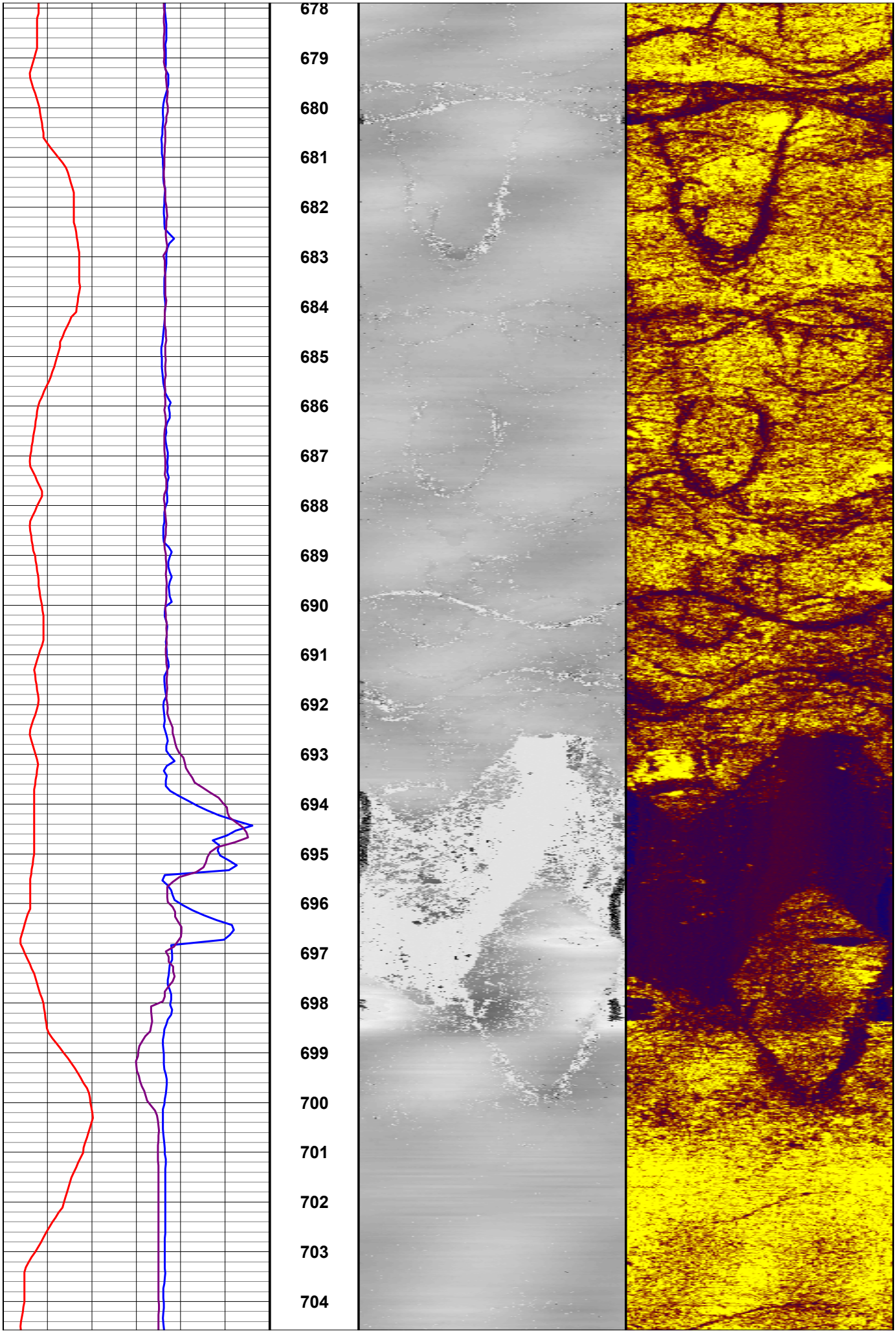
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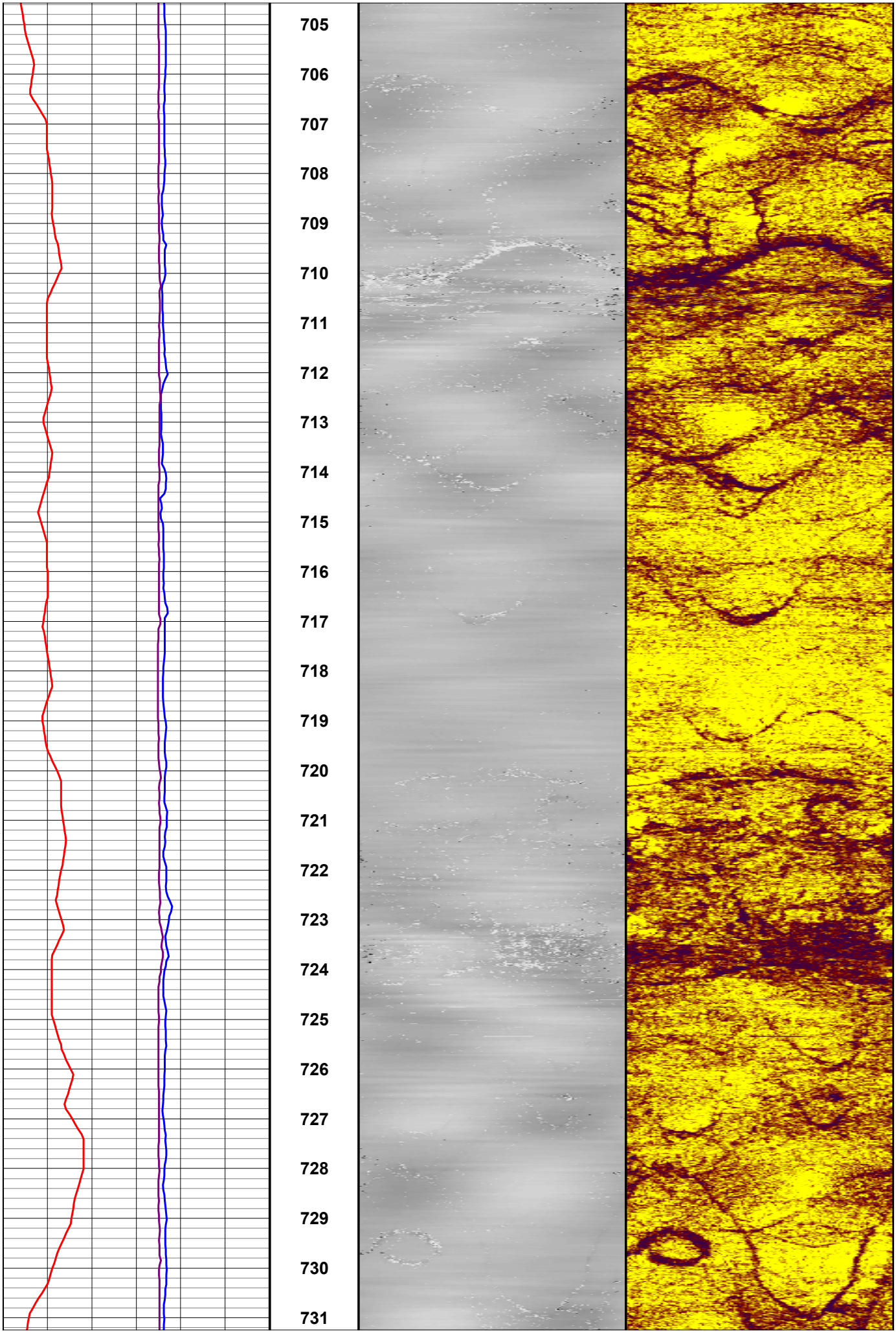
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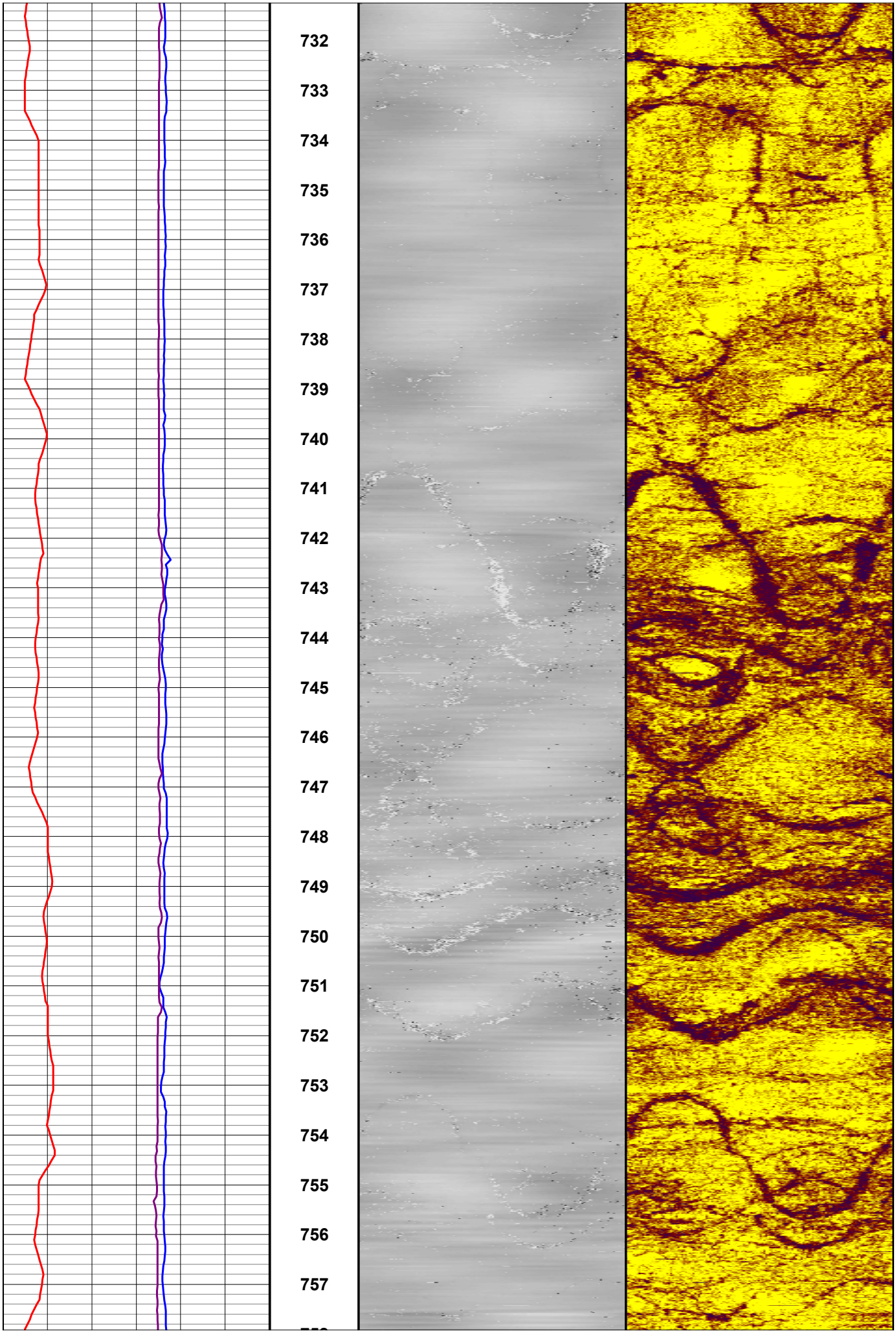
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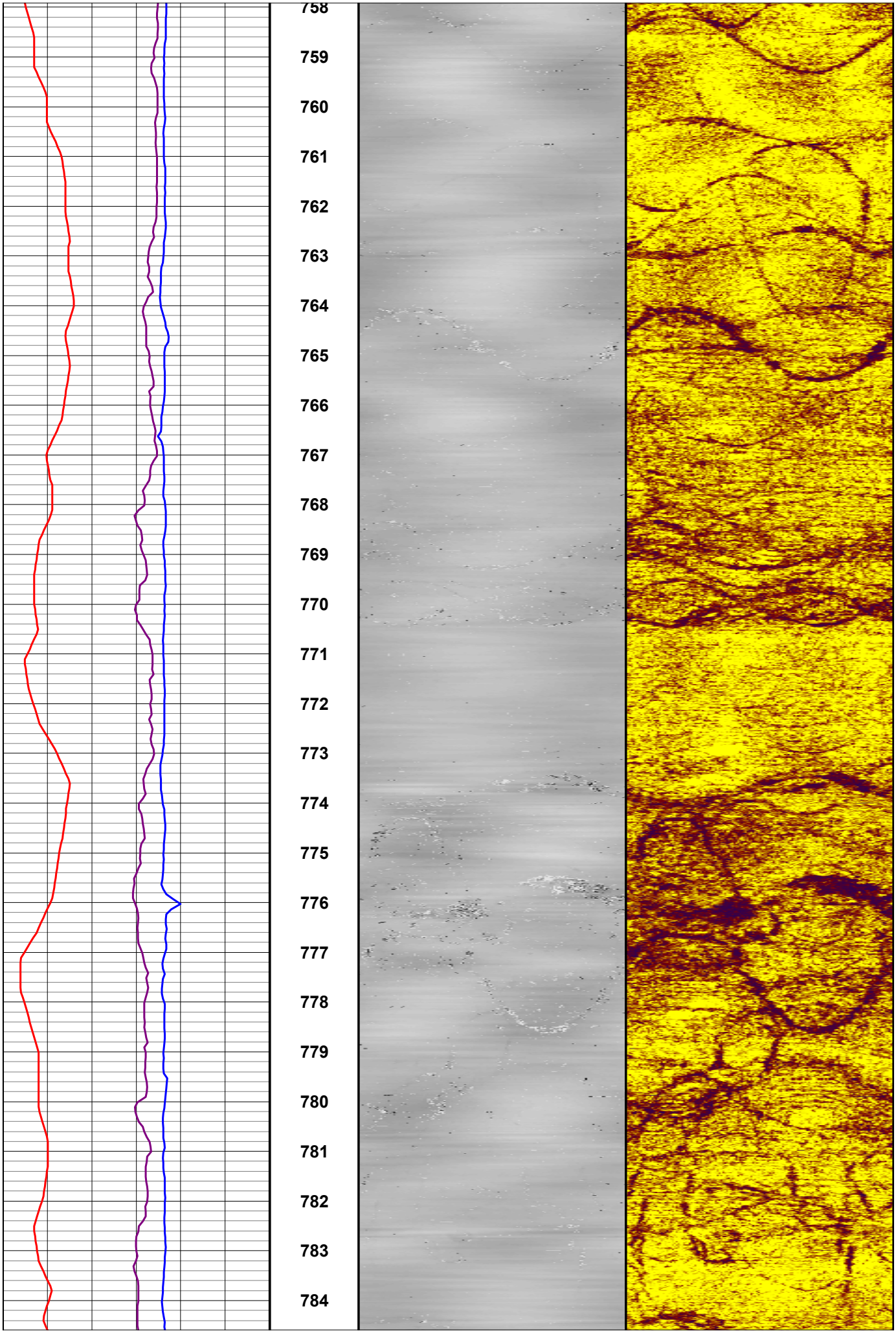
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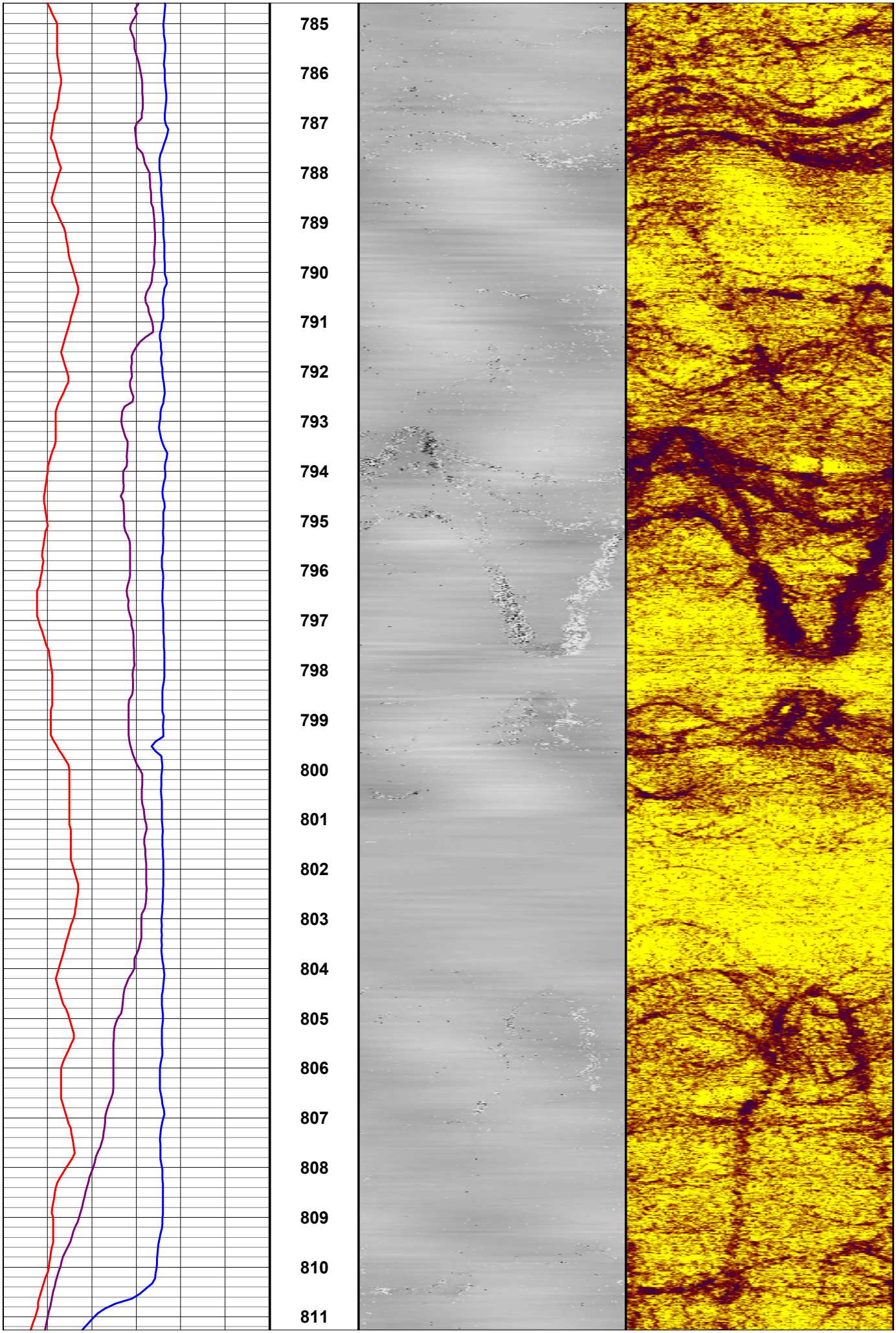
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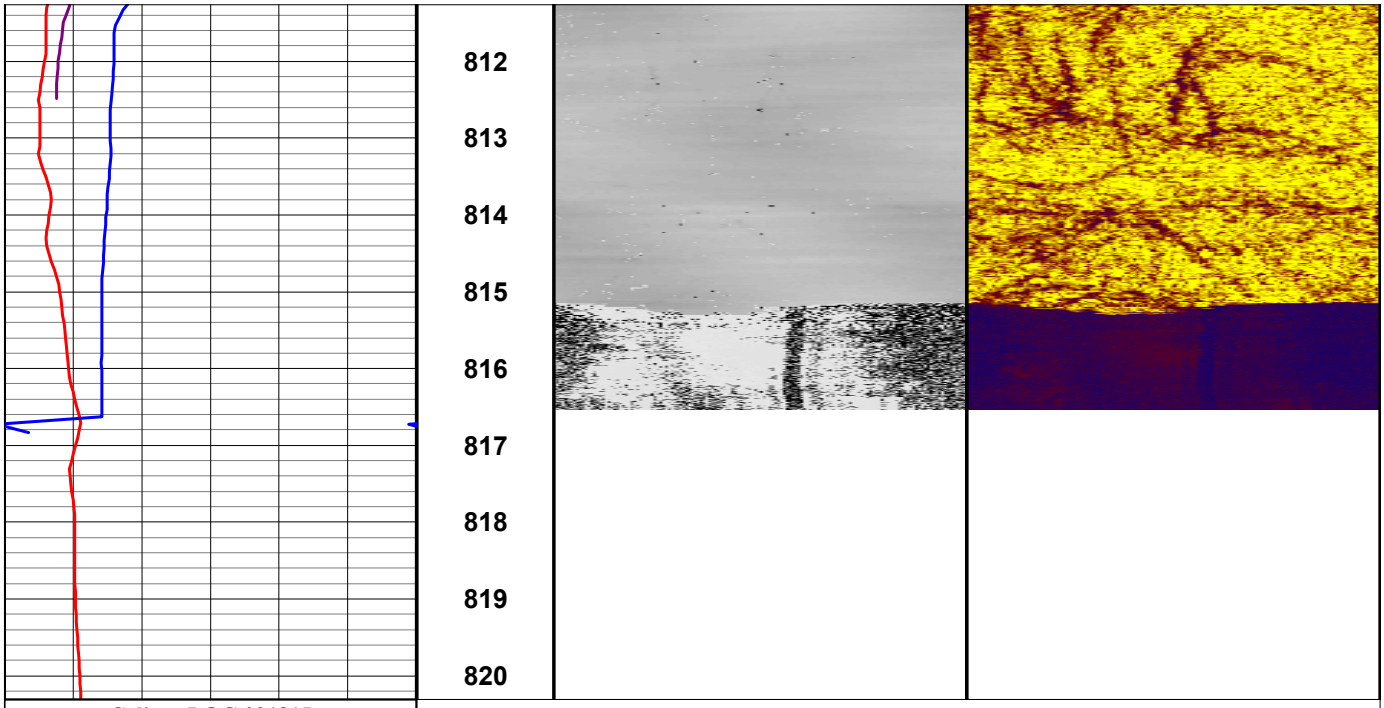

Caliper LOG 021815

1 inches 13

Caliper

1 inches 13

Natural Gamma

0 CPS 500

Depth

1ft:30ft

TravelTime-NM

0° 90° 180° 270° 0°

Amplitude-NM

0° 90° 180° 270° 0°