

DEFAULT	USI SONIC 024LUP	FN:29	PRODUCER	07-Dec-2004 18:53	3395.0 M	2352.9 M
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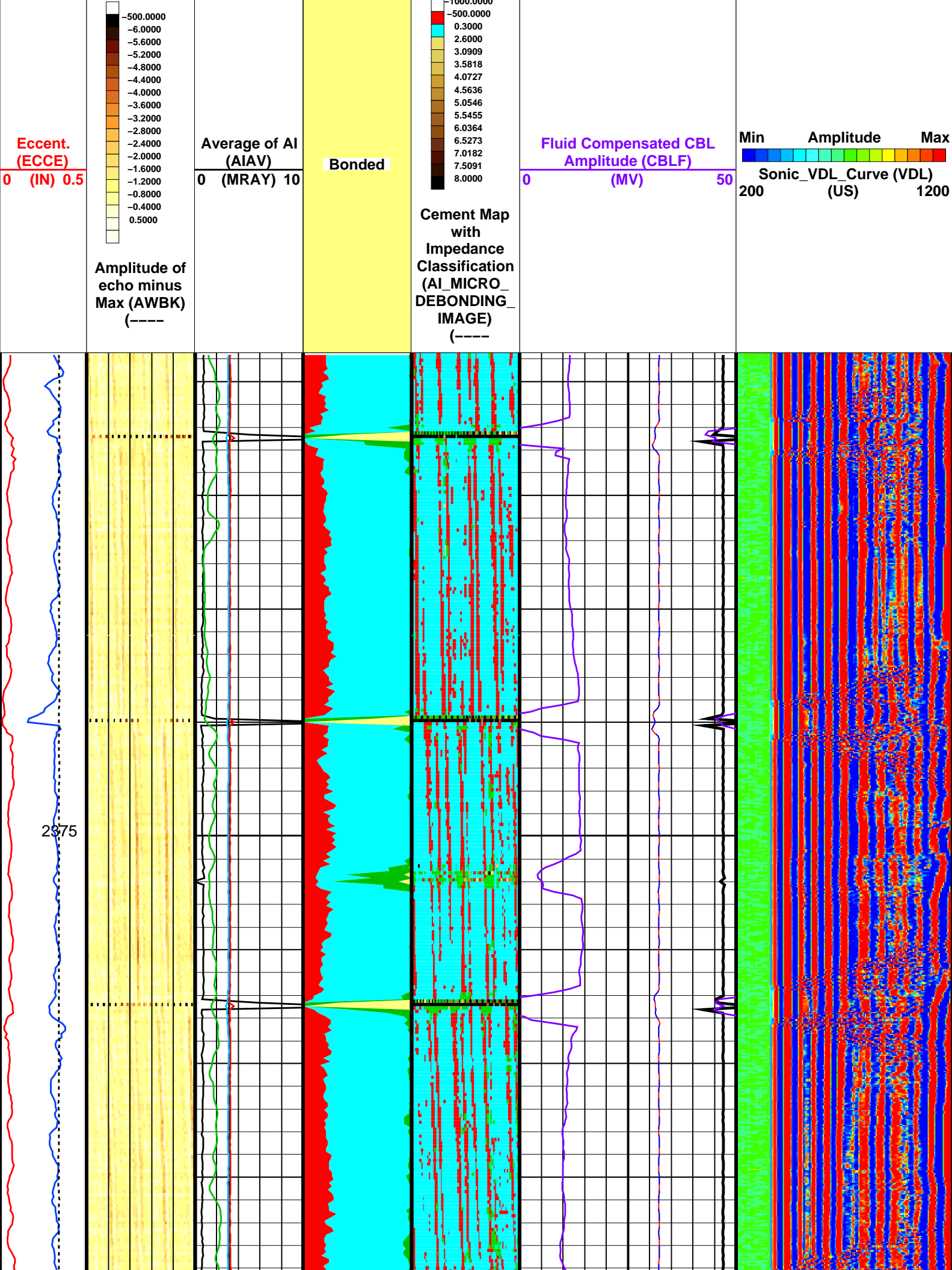
DEFAULT	USI_SONIC_032PUP	FN:45	PRODUCER	07-Dec-2004 21:09	3395.2 M	2353.7 M
BACKUP	USI_SONIC_032PUP	FN:46	PRODUCER	07-Dec-2004 21:09	3395.2 M	2353.7 M

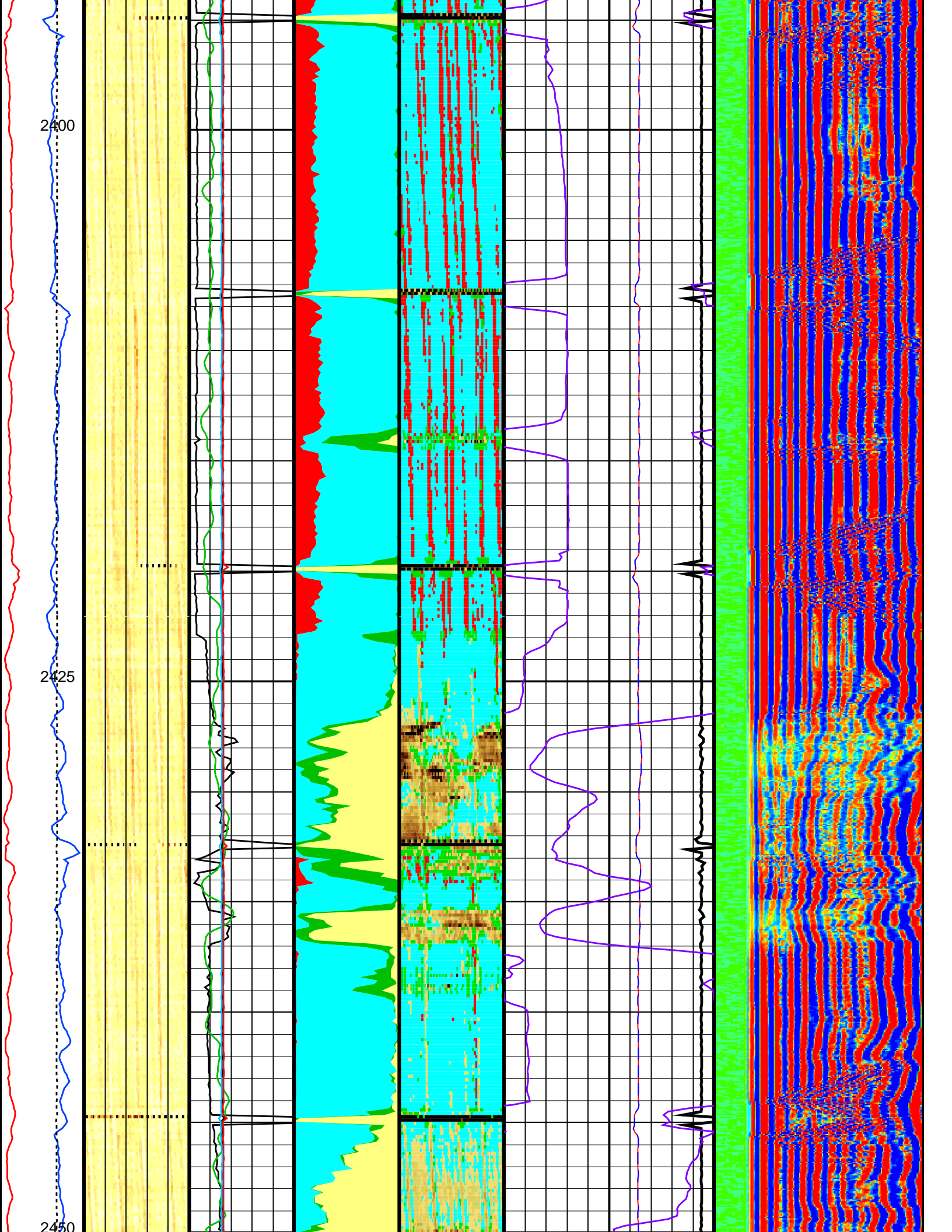
MCM

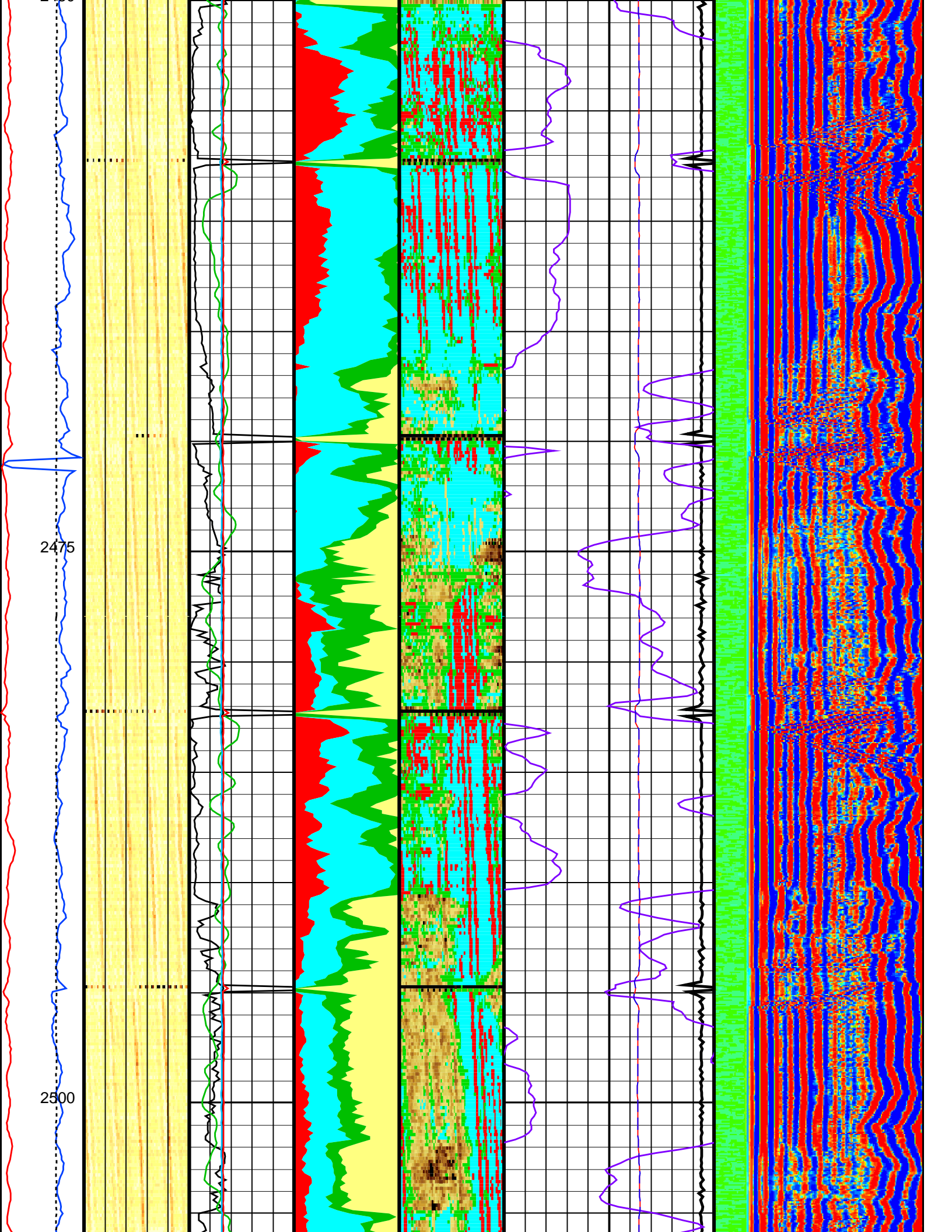
USIT-A	12C0-301	DTA-A	12C0-301
DSL-T-FTB	12C0-301	SGT-N	12C0-301
DTC-H	12C0-301	CAL-Y	12C0-301

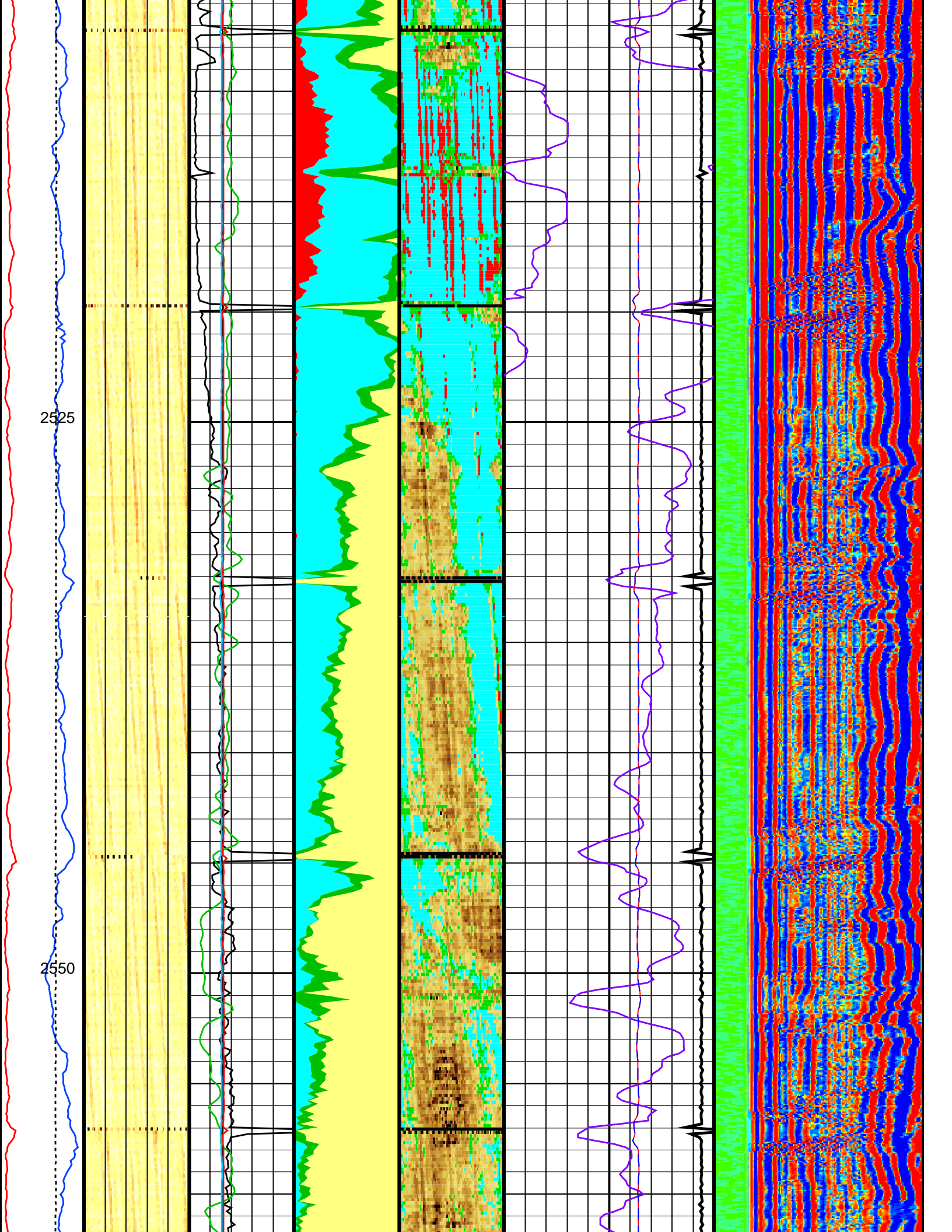
Depth	Fluid Velocity (DFVL)	Acoustic Impedance (ZMUD)
3395.00	181.64	1.79
3000.00	181.64	1.79
2500.00	181.46	1.78
2000.00	181.46	1.78

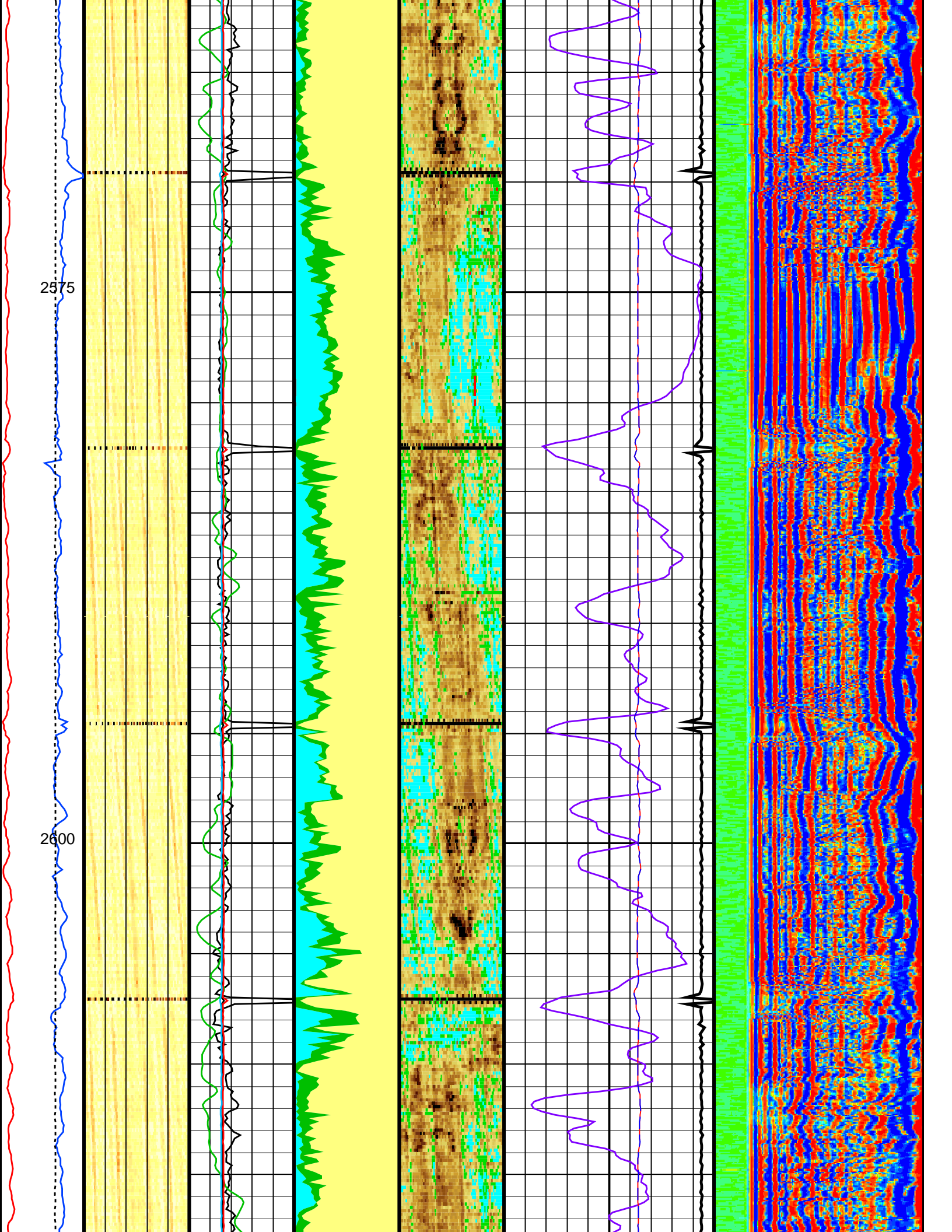
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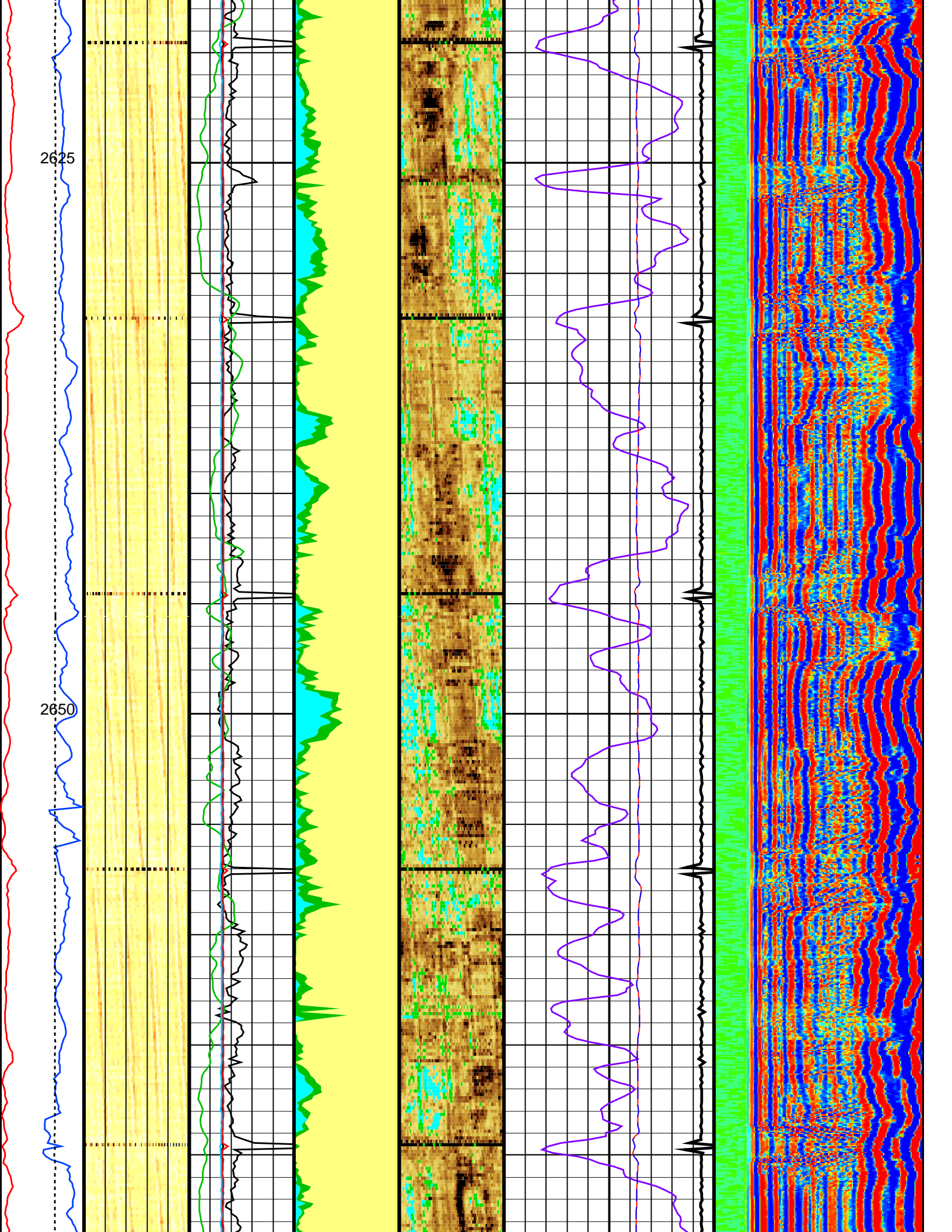


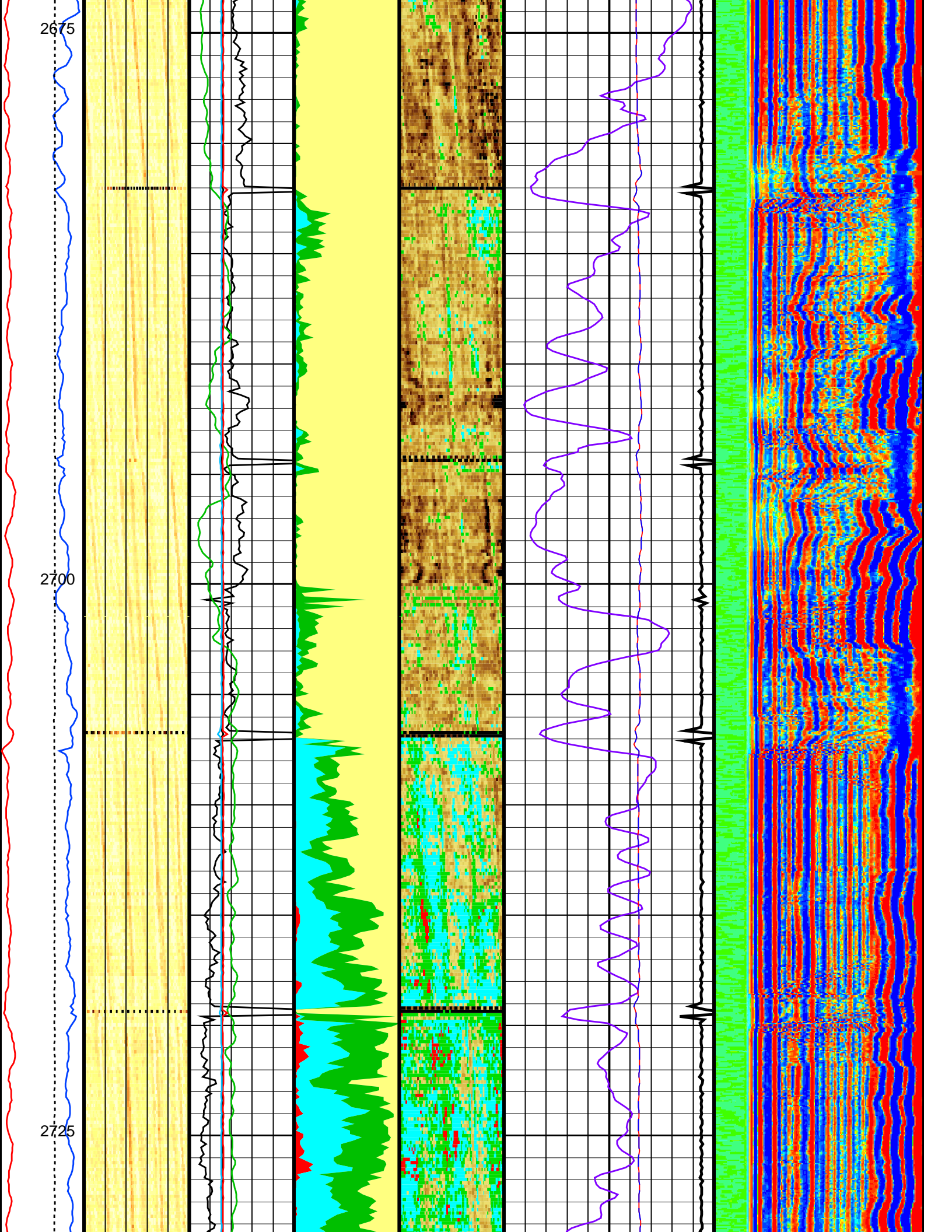


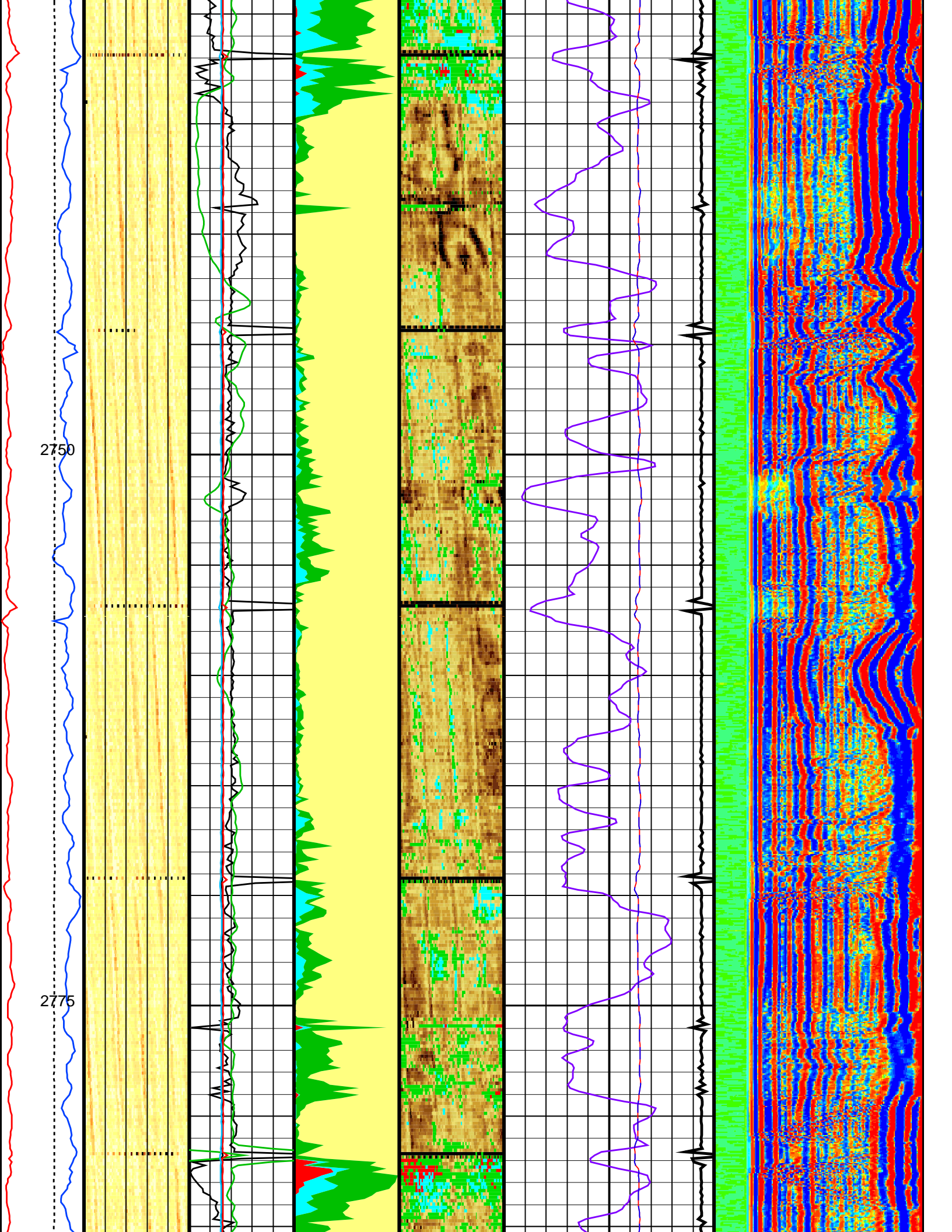


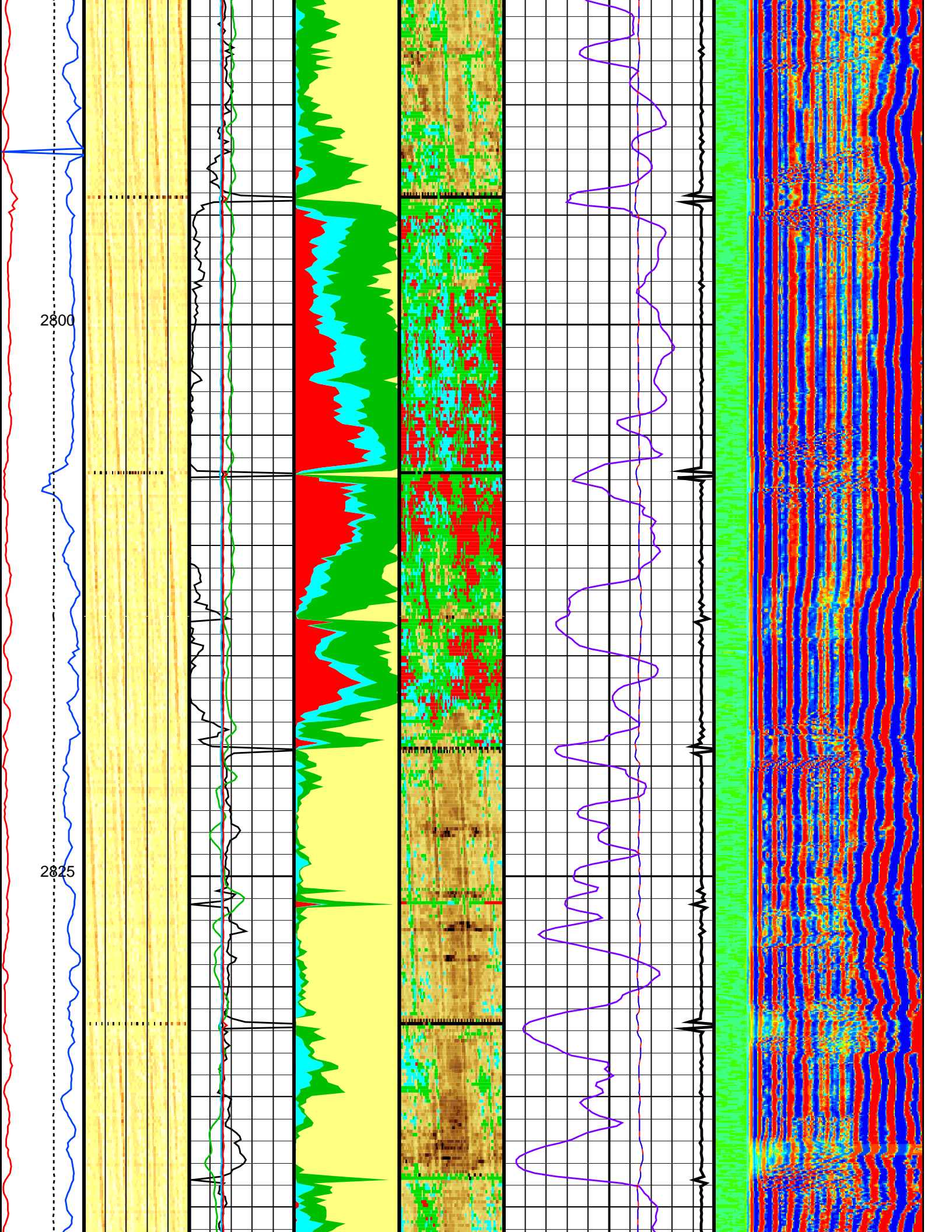


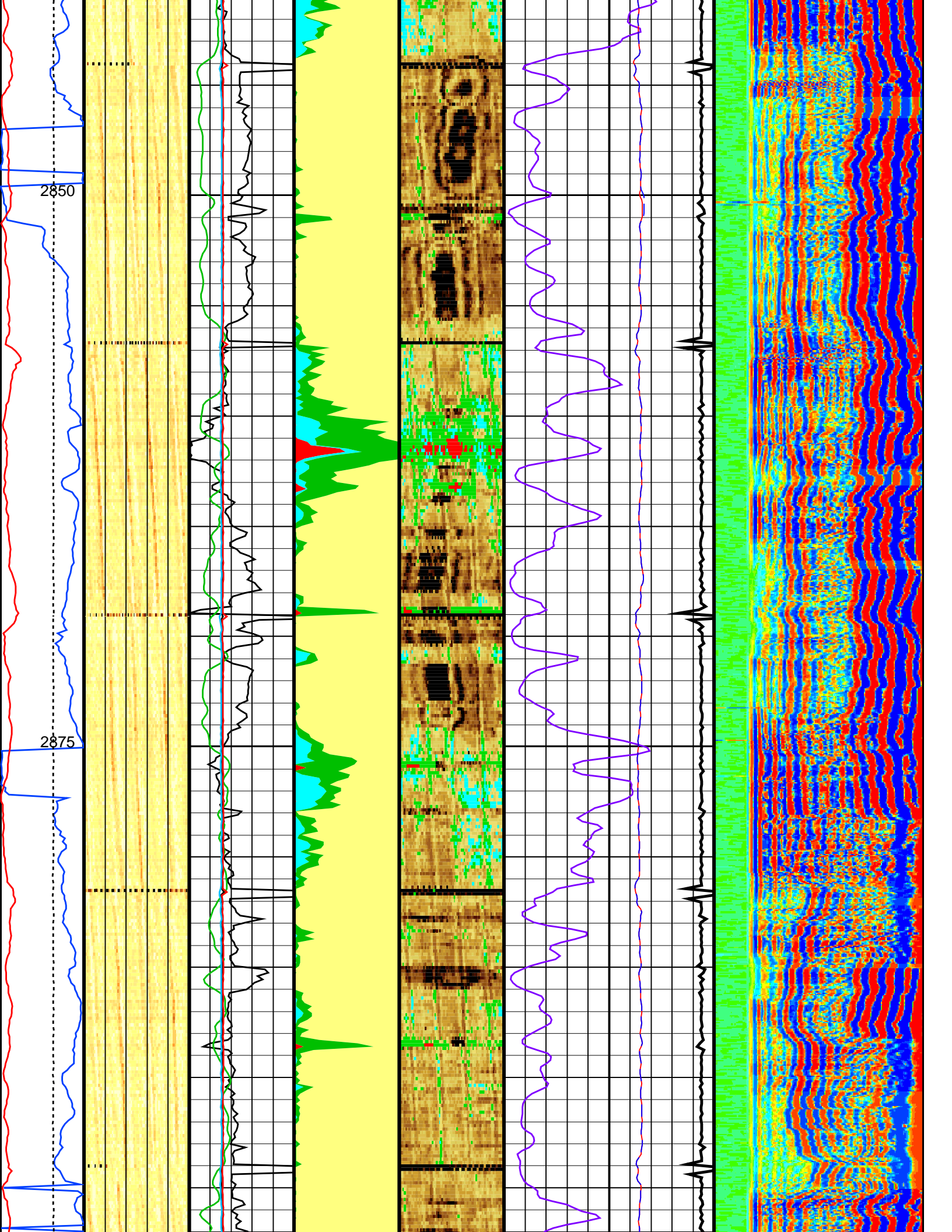


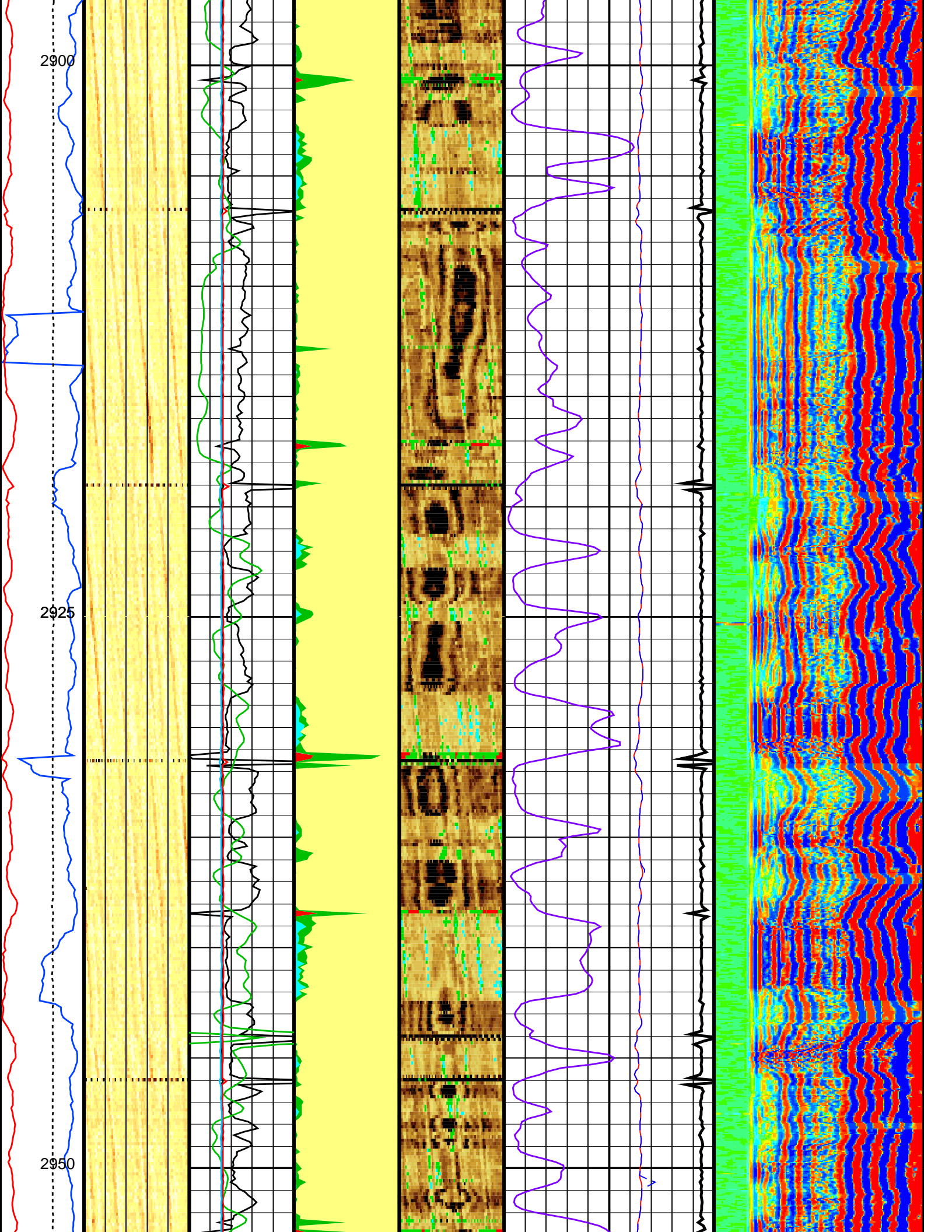


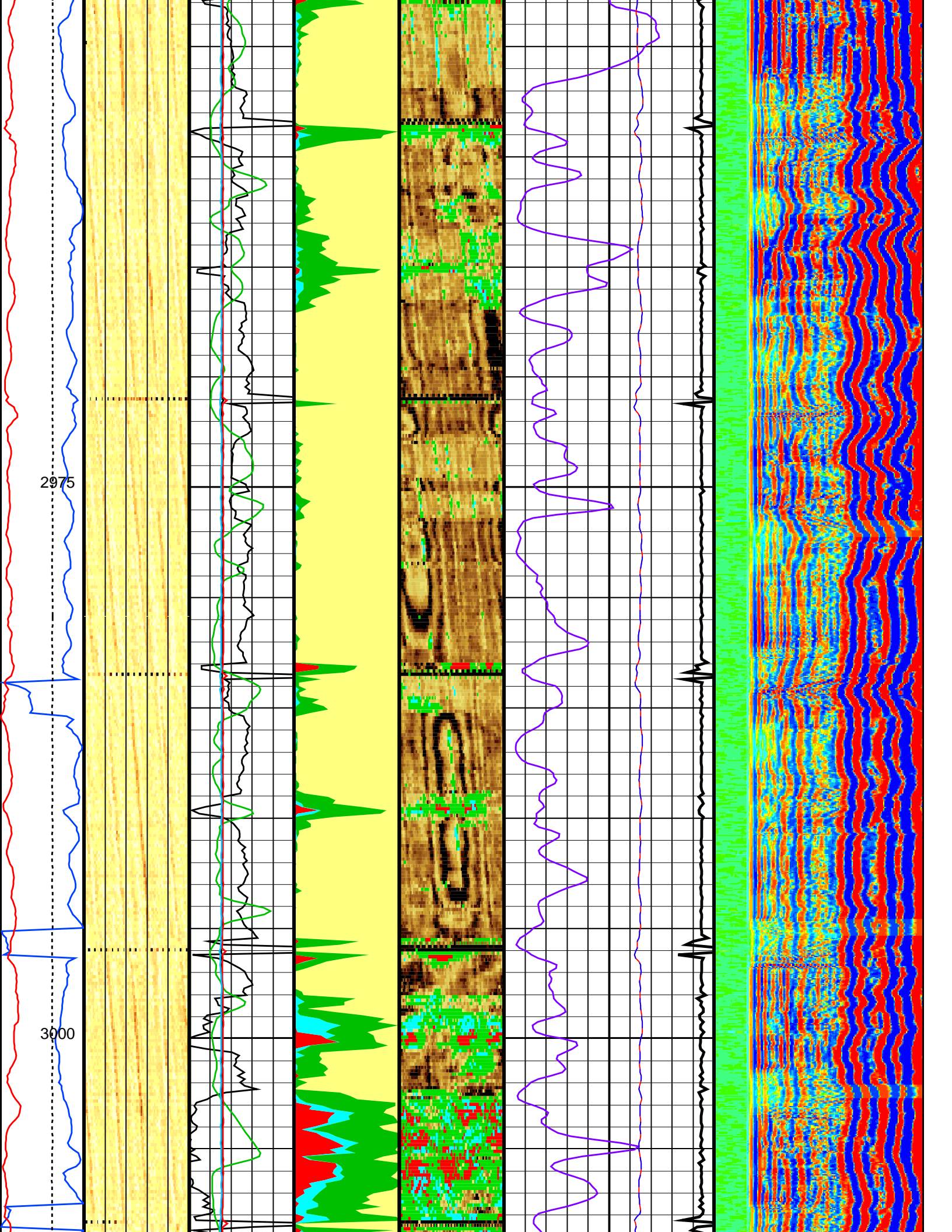


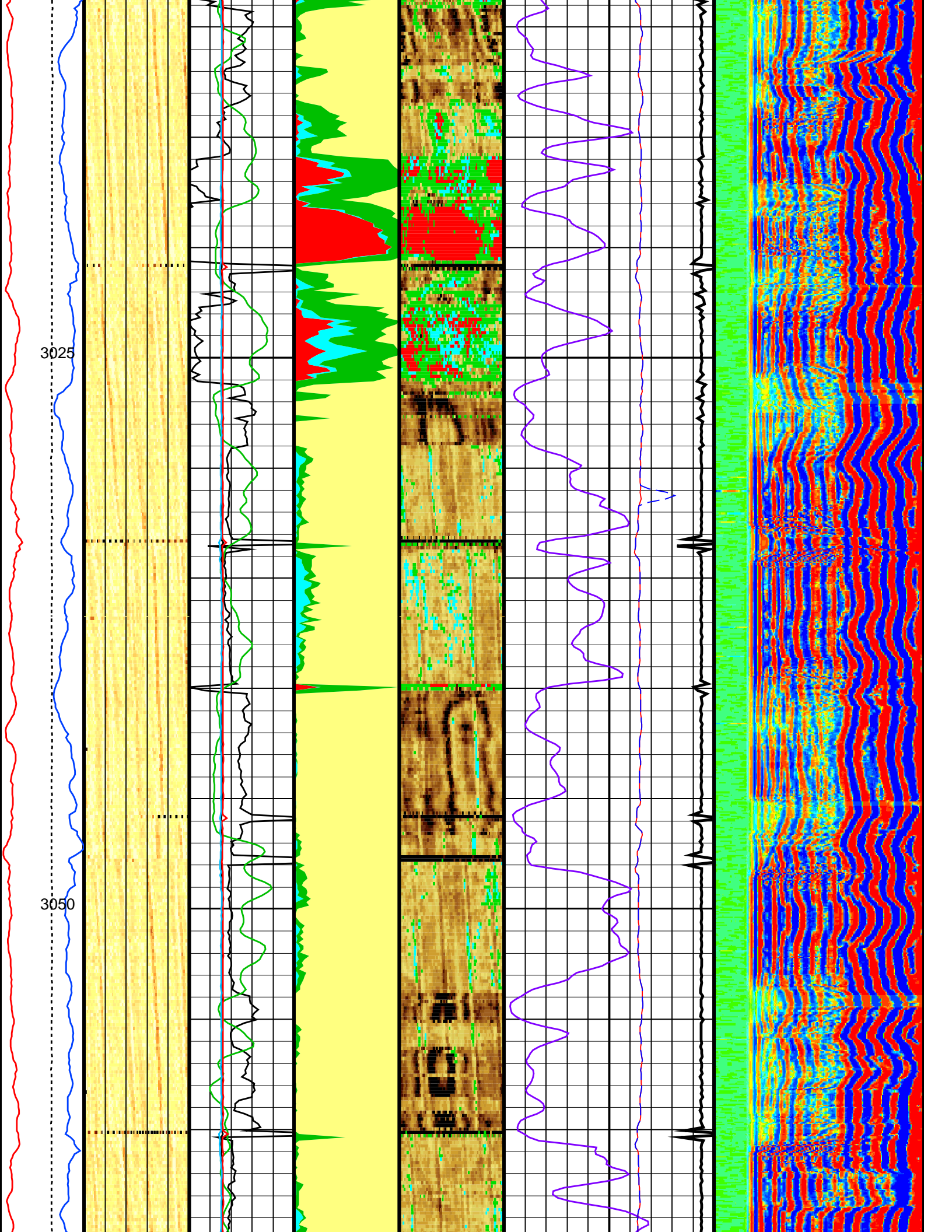


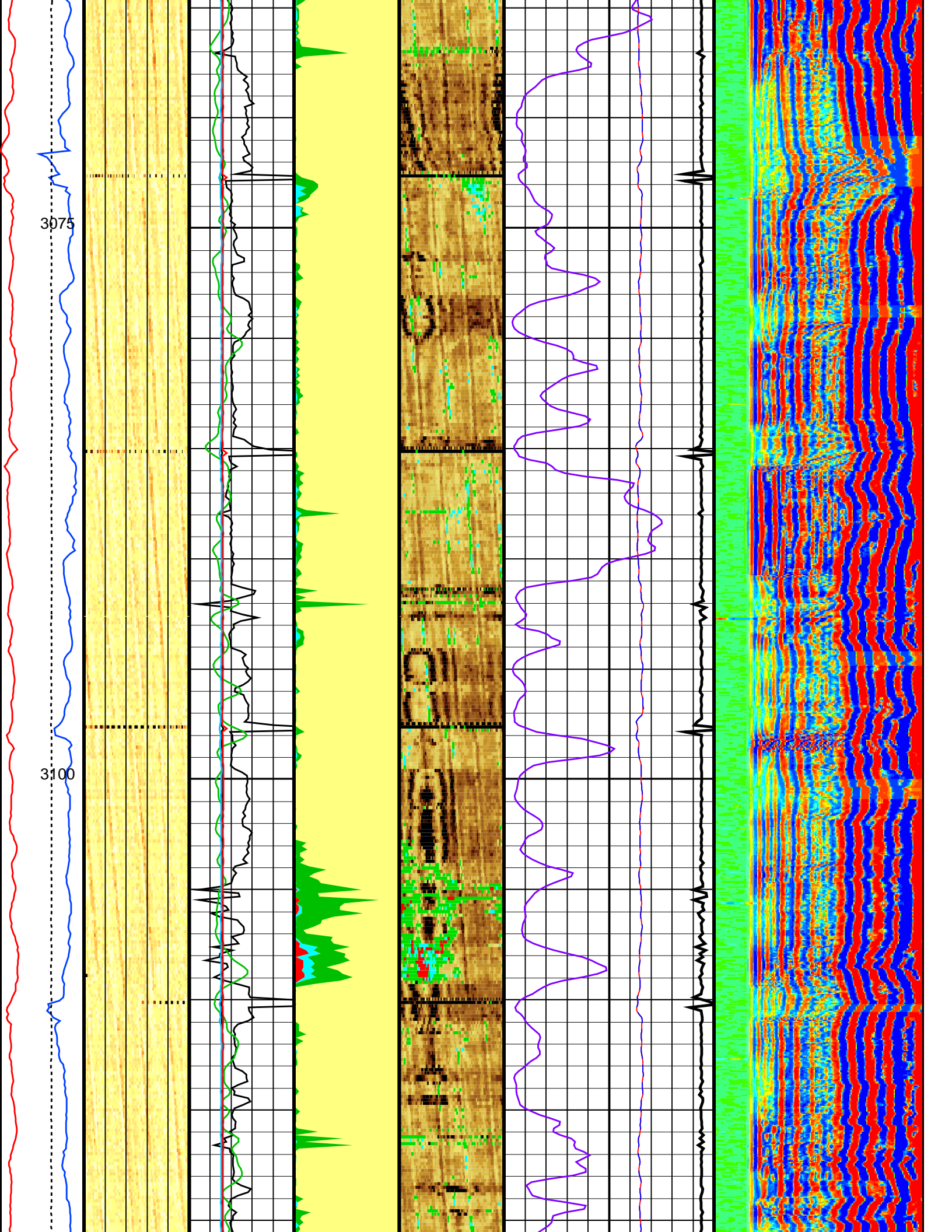


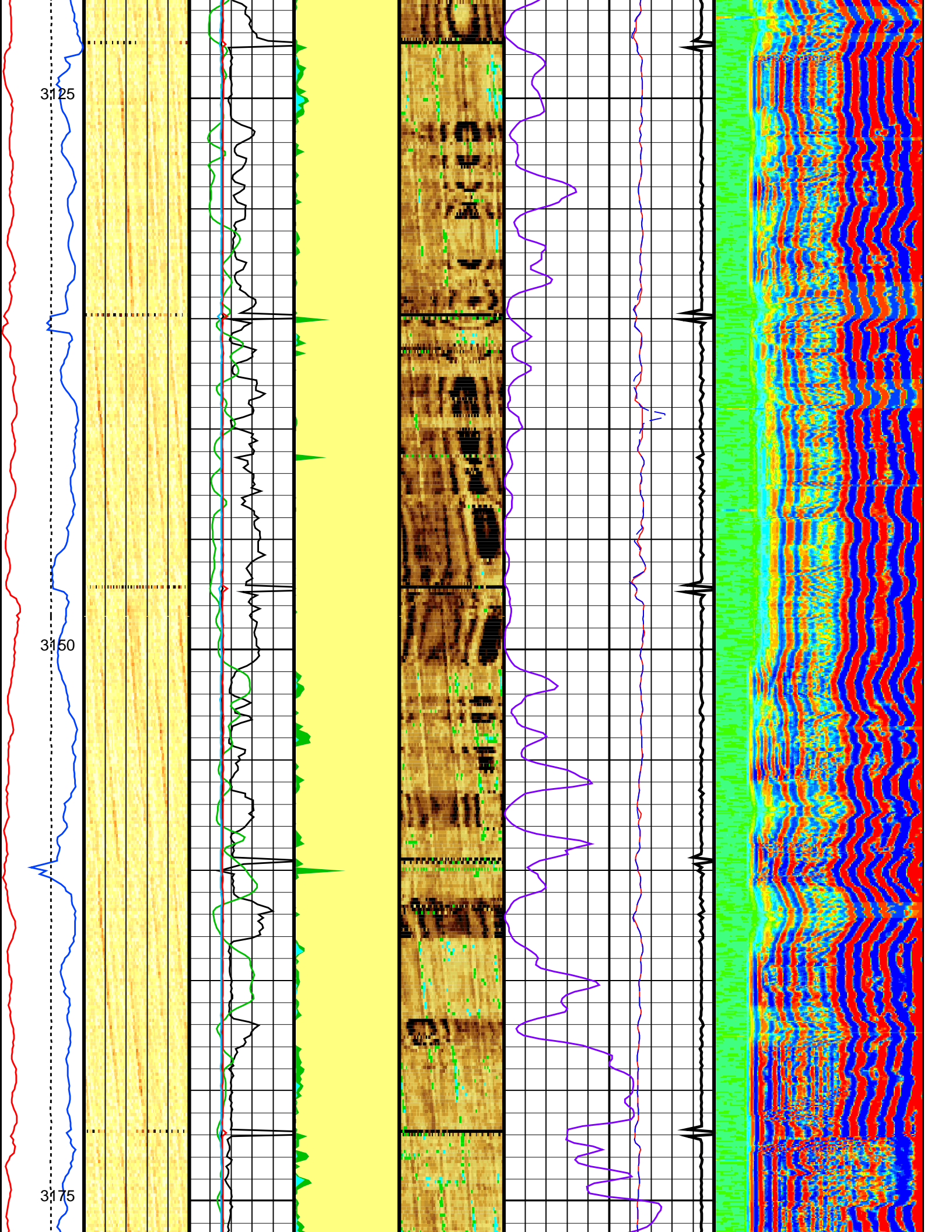


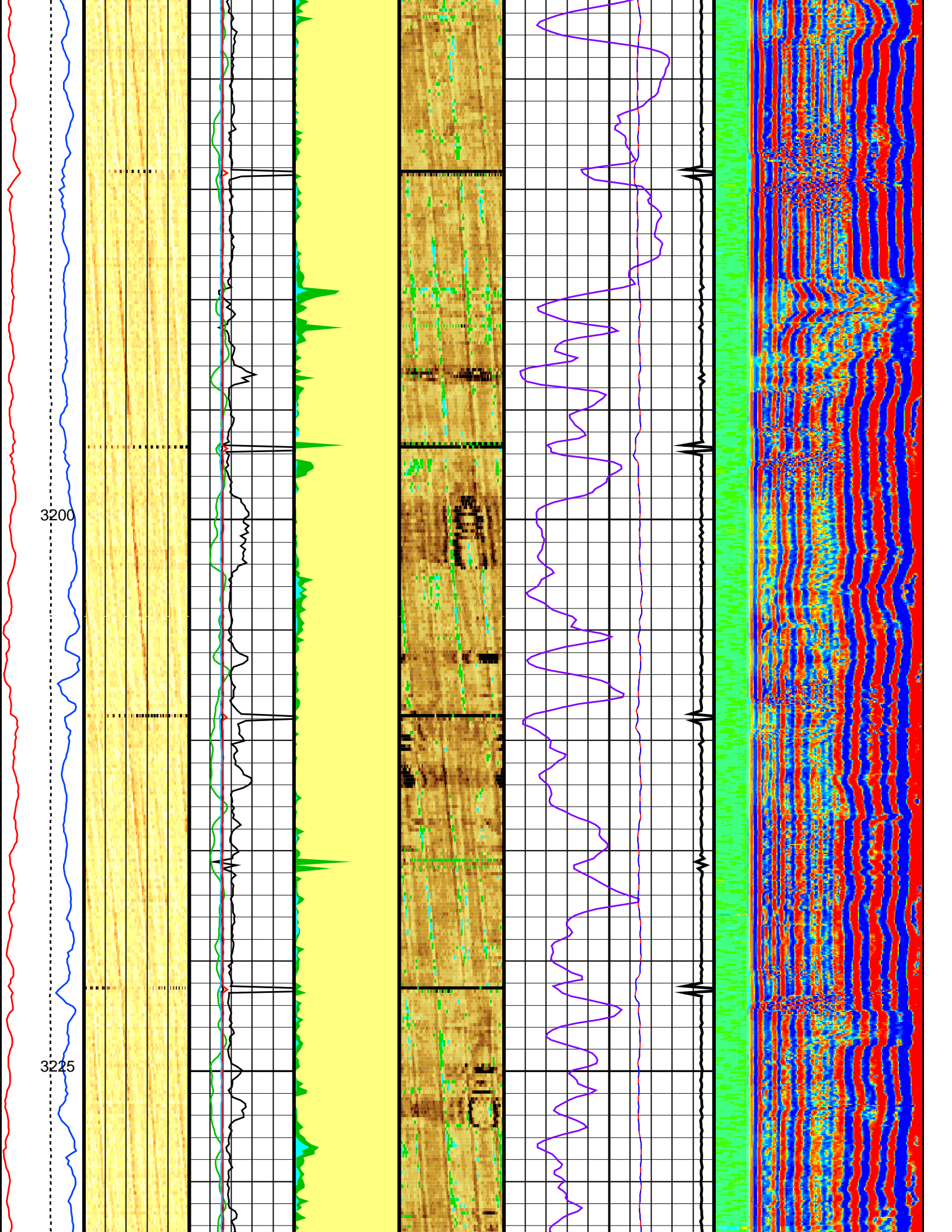


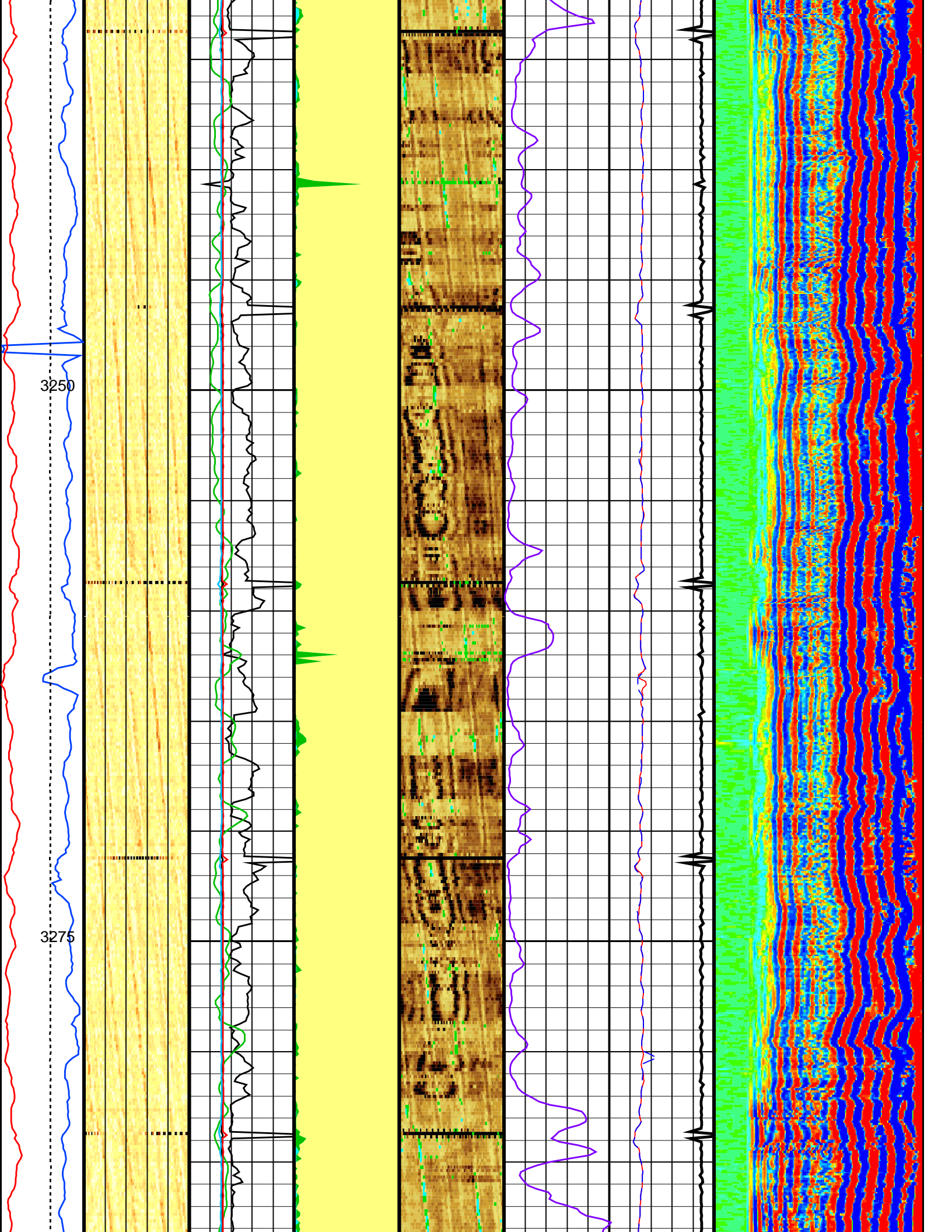


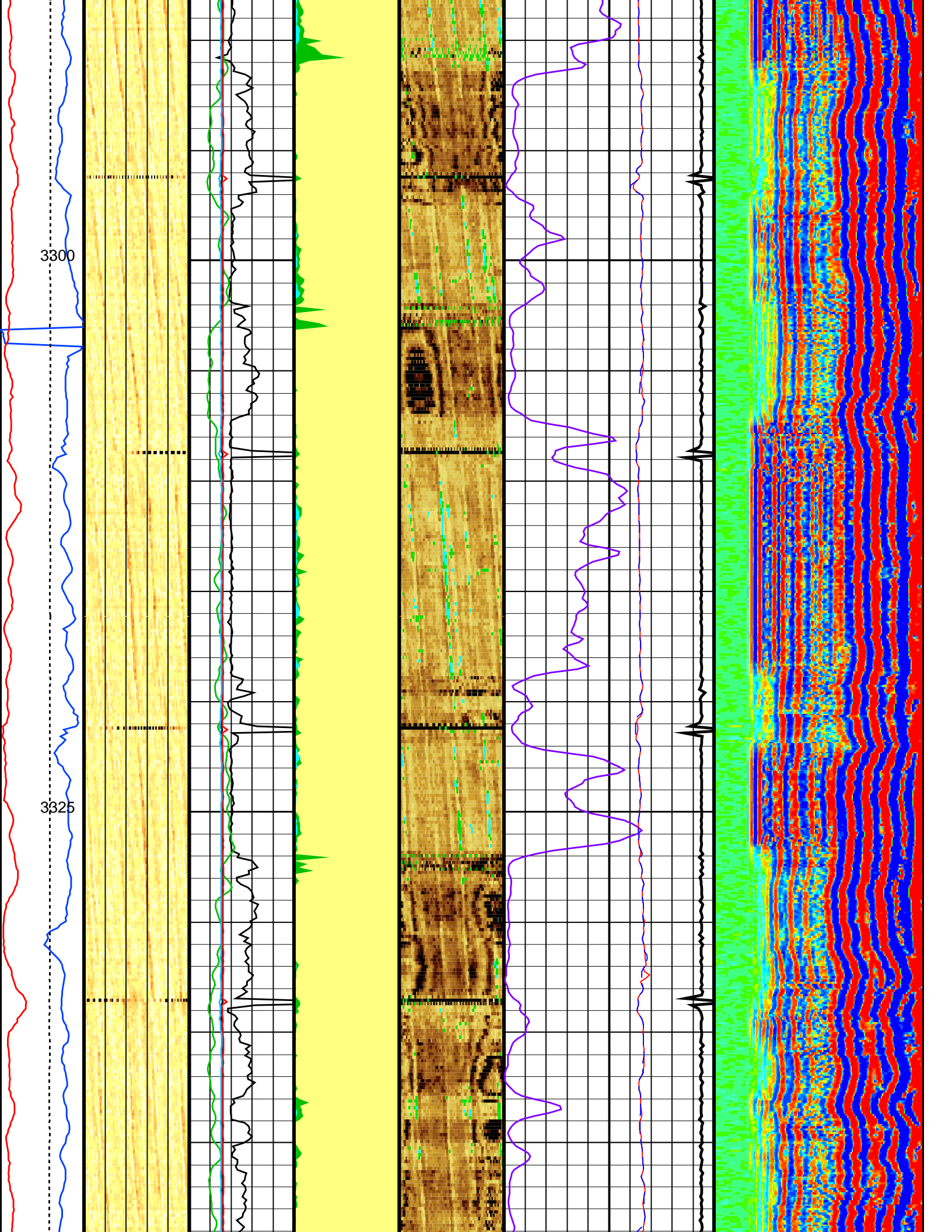


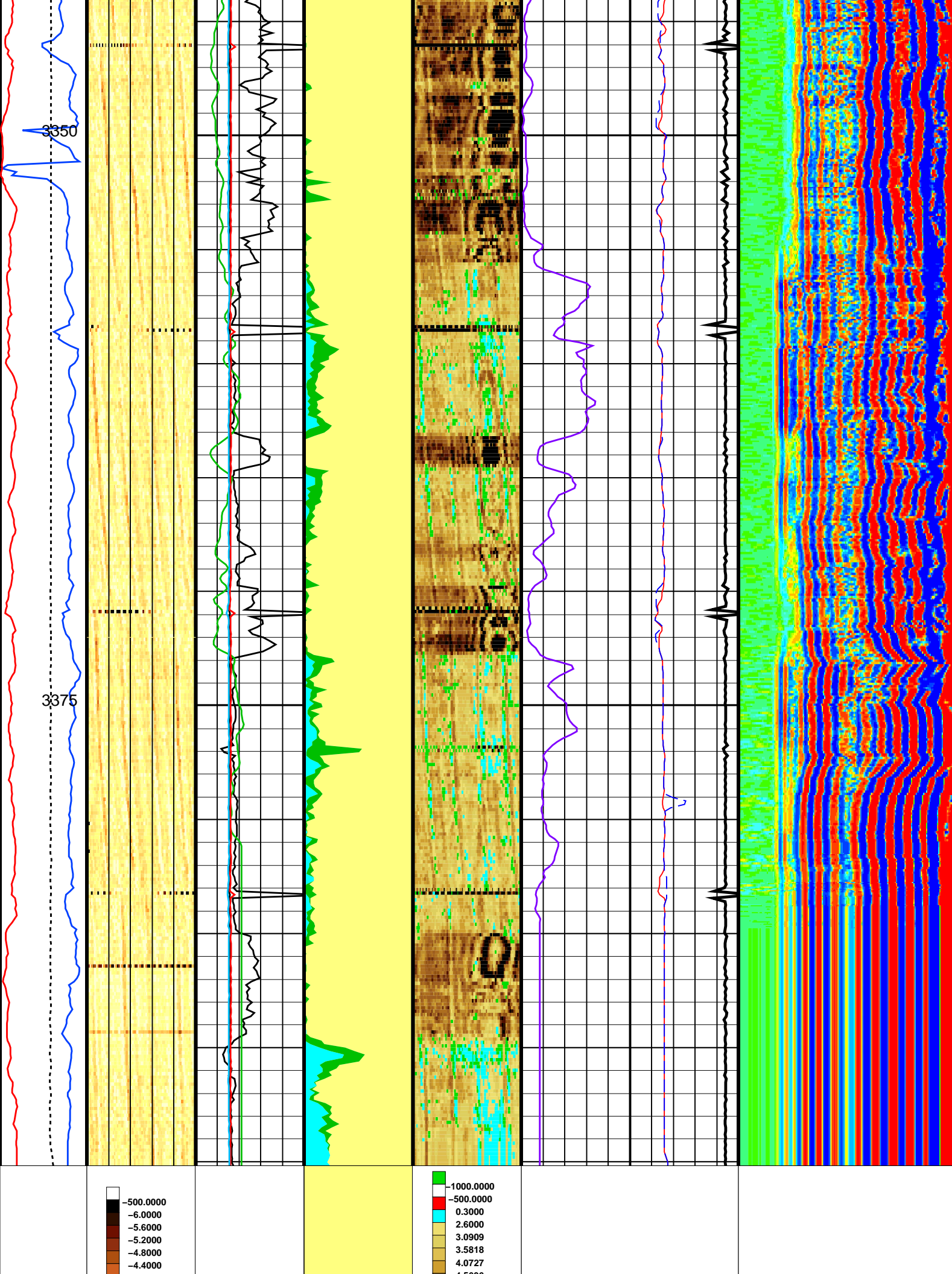












RCTH	Reference Calibrator Thickness	0.2952	IN
SDNV	Number of Vertical Samples used for Micro-debonding Computation	5	
SDTHOR	Acoustic Impedance STD Horizontal Threshold for Micro-debonding	0.5	
SDTVER	Acoustic Impedance STD Vertical Threshold for Micro-debonding	0.3	
SUBT	Ultrasonic Subassembly Type	Sub_7_inch_S	
TCUB	T^3 Processing Level	Vax_Loop	
THDH	Maximum Search Thickness (percentage of nominal)	130	
THDL	Minimum Search Thickness (percentage of nominal)	70	
THNO	Nominal Thickness of Casing	0.352	IN
TMUC	Type of Mud	BRINE	
UMAO	USIT Measurement Angular Offset	-10	DEG
UPAT	Emission Pattern	Pattern_375K	
USTO	Ultrasonic Time Offset	-2	US
USUB	Ultrasonic Subassembly Identifier	Sub_7_inch	
UWKM	Ultrasonic Working Mode	5DEG_6IN_LF	
VCAS	Ultrasonic Transversal Velocity in Casing	51.4	US/F
WLEN	T^3 Processing Length	21.1081	US
ZCAS	Acoustic Impedance of Casing	46.25	MRAY
ZINI	Initial Estimate of Cement Impedance	-1	MRAY
ZMUD	Acoustic Impedance of Mud	1.48	MRAY
ZTCM	Acoustic Impedance Threshold for Cement	2.6	MRAY
ZTGS	Acoustic Impedance Threshold for Gas	0.3	MRAY
DSLTT-FTB: Digitizing			
	Sonic Logging Tool		
	DSLTT Firing Mode		
	Telemetry Mode	CBL_C	
	Automatic Gain Control Status	DSLCT_FTB	
AGC	Auxiliary Minimum Sliding Gate	ON	
AMSG	Bond Index Level for Zone Isolation	142	US
BILI	CBL Adjustment Factor	0.8	
CBAF	CBL Correction Factor	0.63	
CBCF	CBL Gate Width	4	
CBLG	C-Delta-T Shale	45	US
CDTS	Compressive Strength of Cement	100	US/F
CSTR	Digitizing Delay	3800	PSIA
DDEL	Delta-T Detection	0	US
DETE	Digital First Arrival Detection Switch	E1	
DFAD	DSLTT Depth Sampling Interval	HOST	
DIVL	DSLTT DLIS Recording Size	60	
DRCS	Digitizing Sample Interval	120	
DSIN	Delta-T Computation Mode	10	
DTCM	Delta-T Fluid	FULL	
DTF	DSLCT Telemetry Frame Size	189	US/F
DTFS	Delta-T Matrix	133	
DTM	Digitizing Word Count	56	US/F
DWCO	CBL Fluid Compensation Factor	120	
FCF	Manual Gain	1	
GAI	Good Bond	40	
GOBO	Integrated Transit Time Source	2	MV
ITTS	Manual High Threshold Reference	DT	
MAHTR	Minimum Cemented Interval for Isolation	40	
MCI	Maximum Gain	2.64795	M
MGAI	Minimum Gain	1000	
MIGA	Minimum High Threshold Reference	1	
MNHTR	Sonic Firing Mode	30	
MODE	Minimum Sonic Amplitude	CBL	
MSA	Near Minimum Sliding Gate	1.14861	MV
NMSG	Near Maximum Sliding Gate	250	US
NMXG	Number of Detection Passes	750	US
NUMP	Firing Rate	2	
RATE	Reset DFAD	R5	
RDFA	Switch Down Threshold	OFF	
SDTH	Sonic Formation Attenuation Factor	20000	
SFAF	Sliding Gate Status	0	DB/M
SGAD	Selectable Acquisition Gain	ON	
SGAI	Sliding Gate Closing Delta-T	1X	
SGCL	Sliding Gate Closing Width	250	US/F
SGCW	Sliding Gate Delta-T	25	US
SGDT	Sliding Gate Width	57	US/F
SGW	Signal Level for AGC	80	US
SLEV	Sonic Porosity Formula	5000	
SPFS	Sonic Porosity Source	RAYMER_HUNT	
SPSO	Switch Up Threshold	DT	
SUTH	VDL Manual Gain	1000	
VDLG	Waveform AGC Allow/Disallow	5	
WAGC	Waveform Manual Gain	OFF	
WAI	Waveform Gain Delta-T	20	
WGDT	Waveform Gain Interval	240	US/F
WGIN	Waveform Firing Mode	2540	US
WMOD	Gamma-Ray - I	FULL	
SGT-N: Scintillation			
	Borehole Status	CASED	
BHS	Bottom Hole Temperature (used in calculations)	130	DEGC
BHT	Density Porosity Processing Mode	STAN	
DPPM	Generalized Caliper Selection	BS	
GCSE	Average Angular Deviation of Borehole from Normal	0	DEG
GDEV	Geothermal Gradient	0.018227	DC/M
GGRD			

GRSE	Generalized Mud Resistivity Selection	CHART_GEN_9	
GTSE	Generalized Temperature Selection	LINEAR_ESTIMATE	
ISSBAR	SGT Nuclear Mud Type	NOBARITE	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	20	DEGC
SOGR	SGT Standoff Distance	1.6	IN
CAL-Y: Casing Anomaly Locator - Y			
CCLD	CCL reset delay	12	IN
CCLT	CCL Detection Level	0.3	V
System and Miscellaneous			
ALTDPCCHAN	Name of alternate depth channel	SpeedCorrectedDepth	
BS	Bit Size	8.500	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	6.625	IN
CWEI	Casing Weight	24.00	LB/F
DFD	Drilling Fluid Density	8.90	LB/G
DO	Depth Offset for Playback	0.1	M
MST	Mud Sample Temperature	24.60	DEGC
PBVSADP	Use alternate depth channel for playback	NO	
PP	Playback Processing	RECOMPUTE	
RMFS	Resistivity of Mud Filtrate Sample	0.1738	OHMM
RW	Resistivity of Connate Water	1.0000	OHMM
TD	Total Depth	3395	M
TDD	Total Depth - Driller	3400.71	M
TDL	Total Depth - Logger	99999.00	M
TWS	Temperature of Connate Water Sample	37.78	DEGC

Input DLIS Files

DEFAULT	USI_SONIC_024LUP	FN:29	PRODUCER	07-Dec-2004 18:53	3395.0 M	2352.9 M
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Output DLIS Files

DEFAULT	USI_SONIC_032PUP	FN:45	PRODUCER	07-Dec-2004 21:09
BACKUP	USI_SONIC_032PUP	FN:46	PRODUCER	07-Dec-2004 21:09