

HSM-01A

ProVision Plus Processed Results

Using the following logs:

ProVision Plus

COMPANY:	IODP.
WELL:	HSM-01A
FIELD:	New Zealand
RIG:	Joides Resolution
STATE:	
COUNTRY:	New Zealand
Date Logged:	25-Dec-2017
Date Processed:	28-Dec-2017
Run no.	1
Depth Driller (m):	1665
Depth Logger (m):	1665
Elevations (m):	D.F.: 11 m G.L.: -1004.0 m
Permanent Datum:	MSL
Log Measured From:	DF

FOLD HERE: The well name, location and borehole reference data were furnished by the customer.

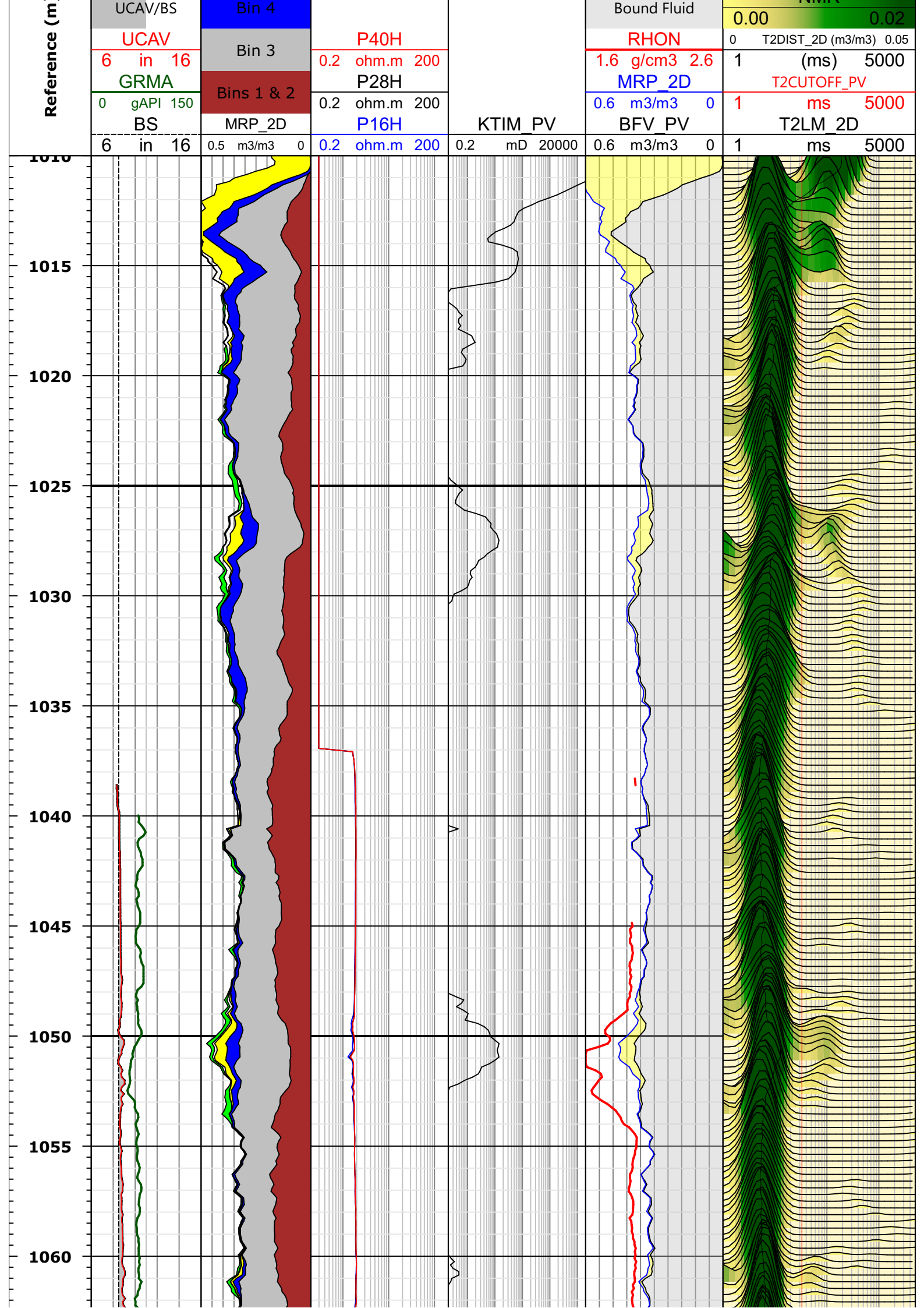
Any interpretation, research, analysis, data, results, estimates, or recommendation furnished with the services or otherwise communicated by Schlumberger to the customer at any time in connection with the services are opinions based on inferences from measurements, empirical relationships, and/or assumptions; which, inferences, empirical relationships and/or assumptions are not infallible and with respect to which professionals in the industry may differ. Accordingly, Schlumberger cannot and does not warrant the accuracy, correctness, or completeness of any such interpretation, research, analysis, data, results, estimates, or recommendation. The customer acknowledges that it is accepting the services "as is," that Schlumberger makes no representation or warranty, express or implied, of any kind or description in respect thereto, and that such services are delivered with the explicit understanding and agreement that any action taken based on the services received shall be at its own risk and responsibility, and no claim shall be made against Schlumberger as a consequence thereof.

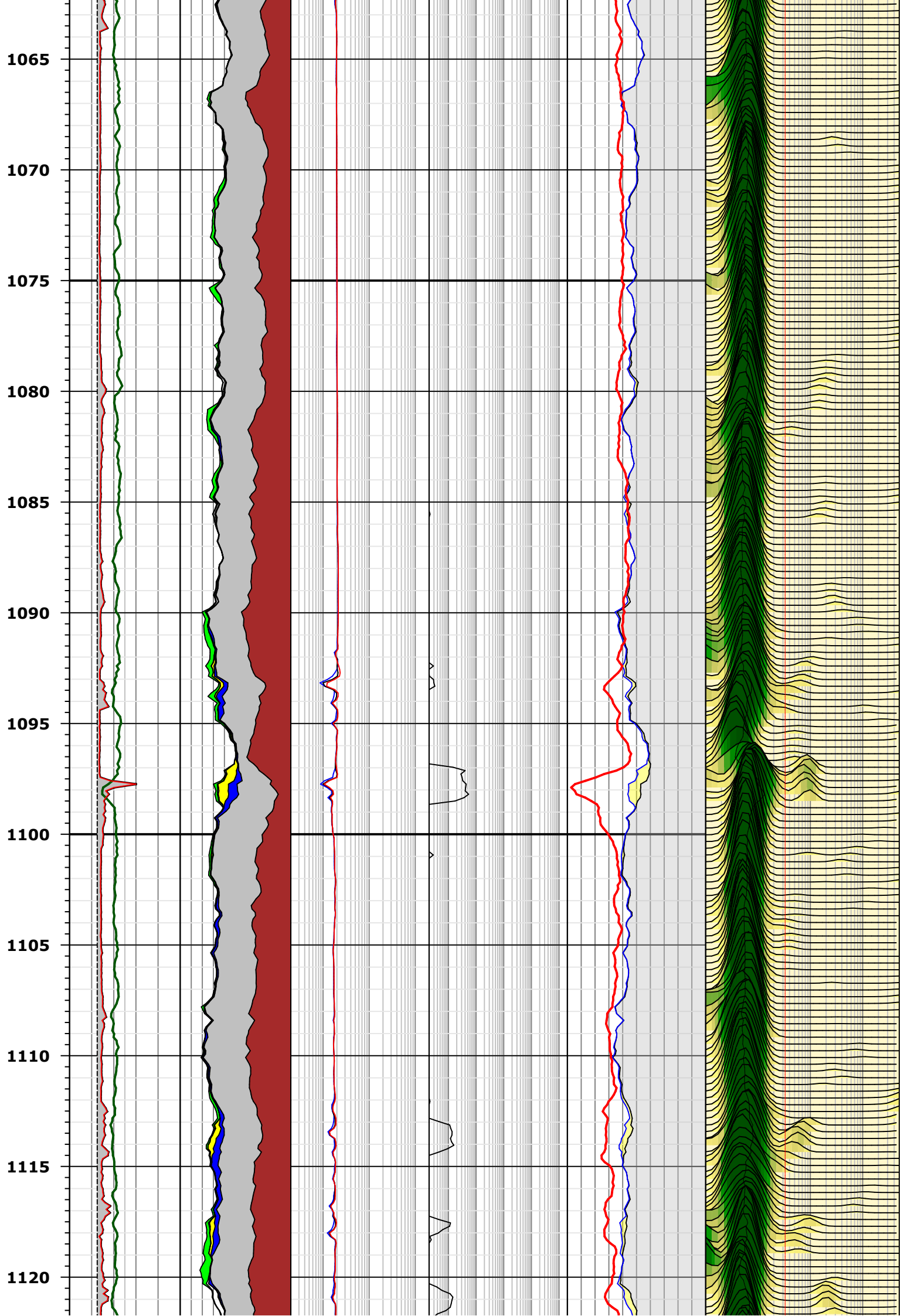
Field Recording:	Location:	Software vers: Maxwell	Engineer: David Pedulla / Liam
Office Processing:	Location: PTS Perth	Software vers: Techlog 2017	Analyst: Boon Cheong
Mud and Borehole Measurements:			
Rm @ Measured Temperature: 0.2 ohm @ 23.889 degC	BHT: N/A	BS: 8.5"	
Rmf @ Measured Temperature: 0.15 ohm @ 20 degC	Fluid in Hole: Water	Mud Density: 1.198 g/cc	
Rmc @ Measured Temperature: N/A	Mud pH: N/A	Fluid Loss: N/A	

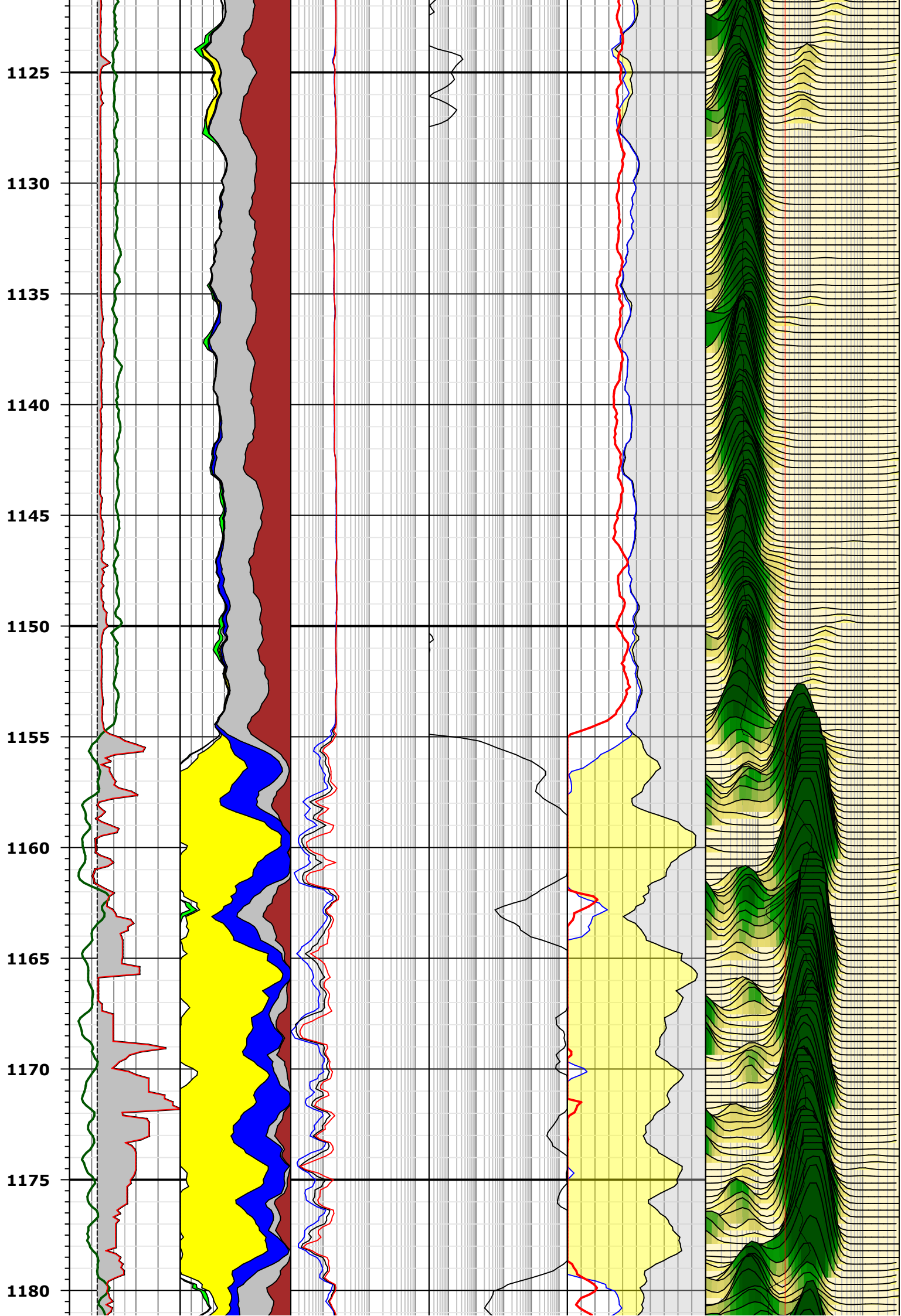
Remarks:

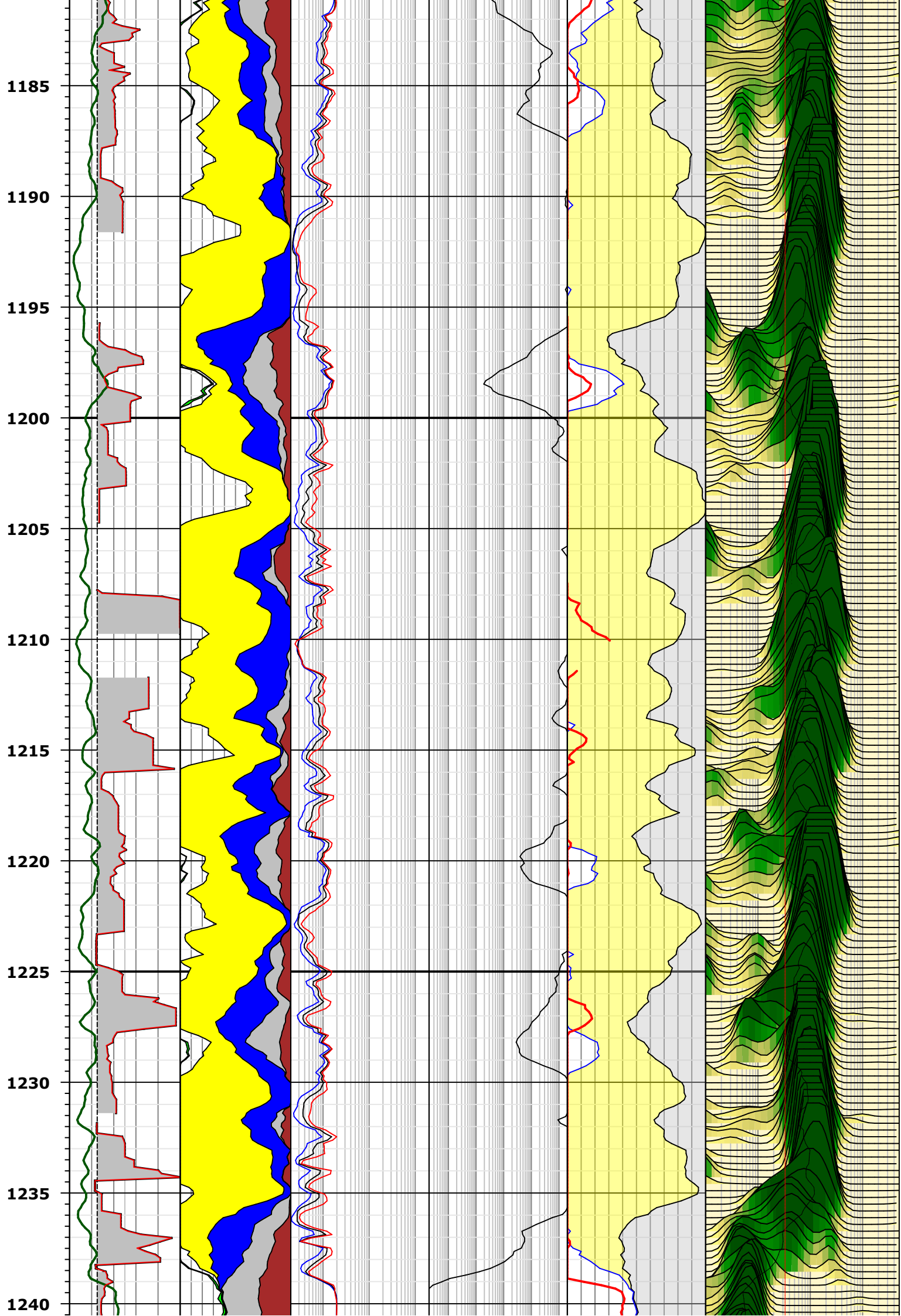
- ProVision Plus processing results
- Data may be affected by borehole condition

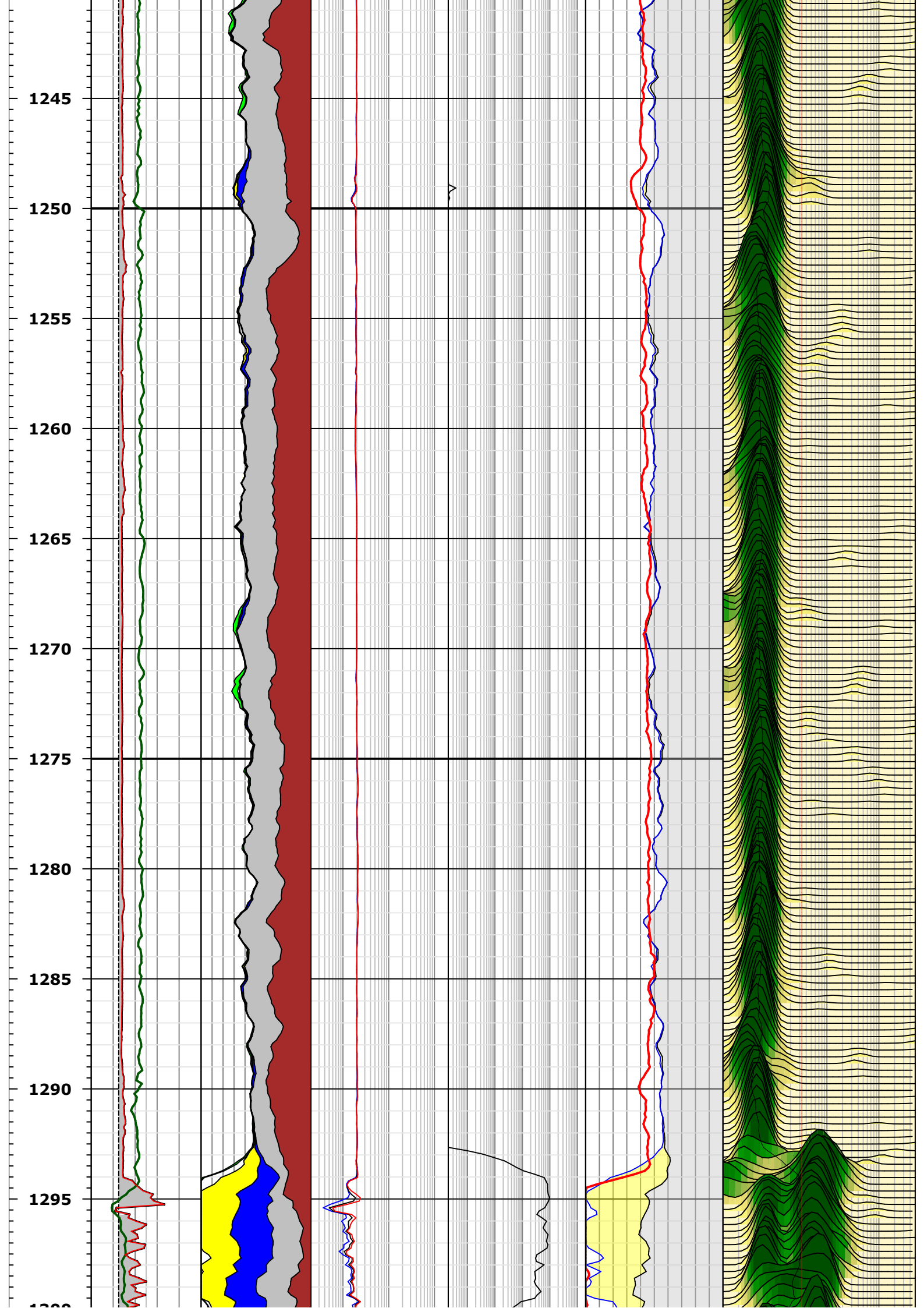
002:1 (Bins 7 & 8	Free Fluid	NMR
	Bin 5		

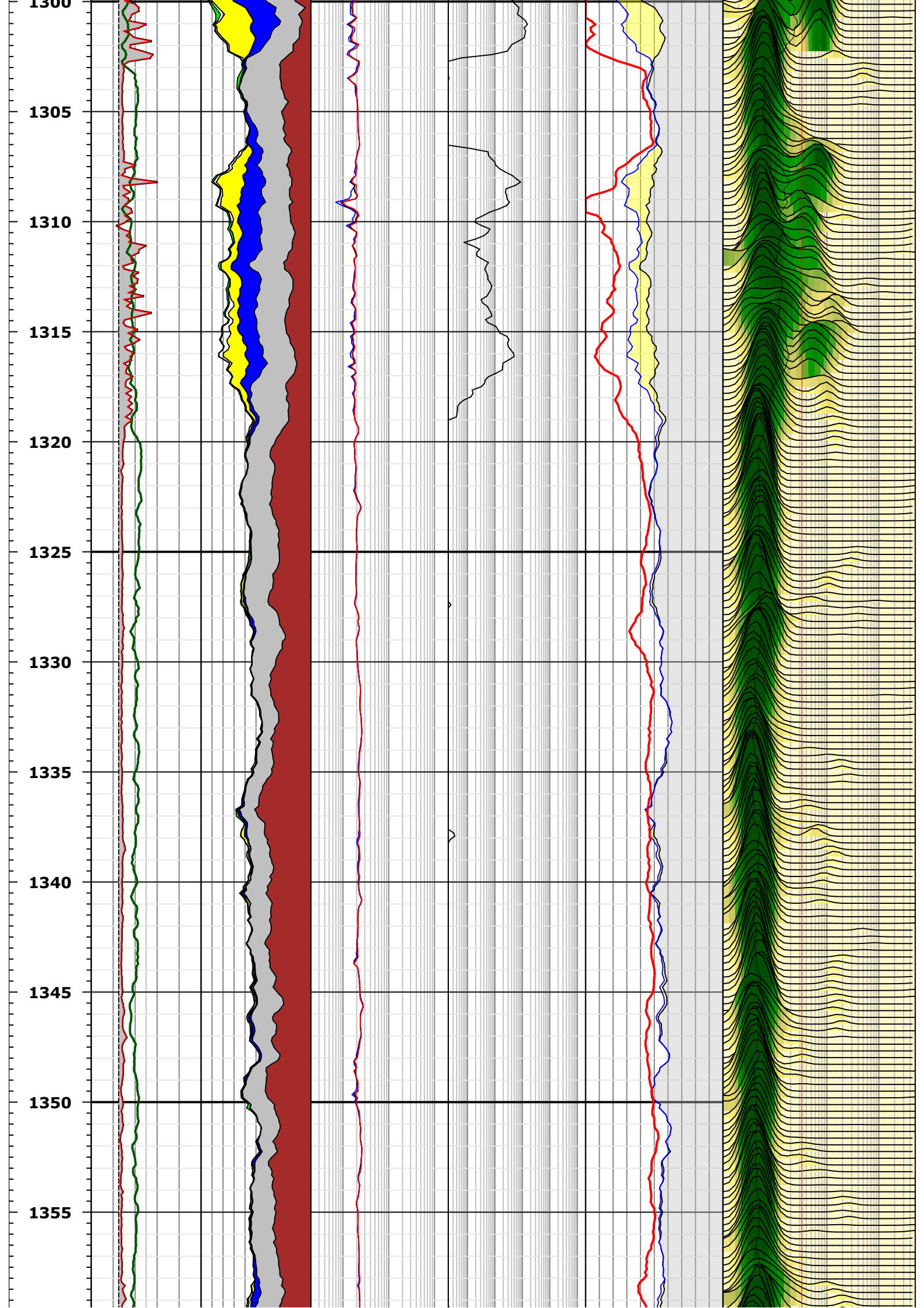


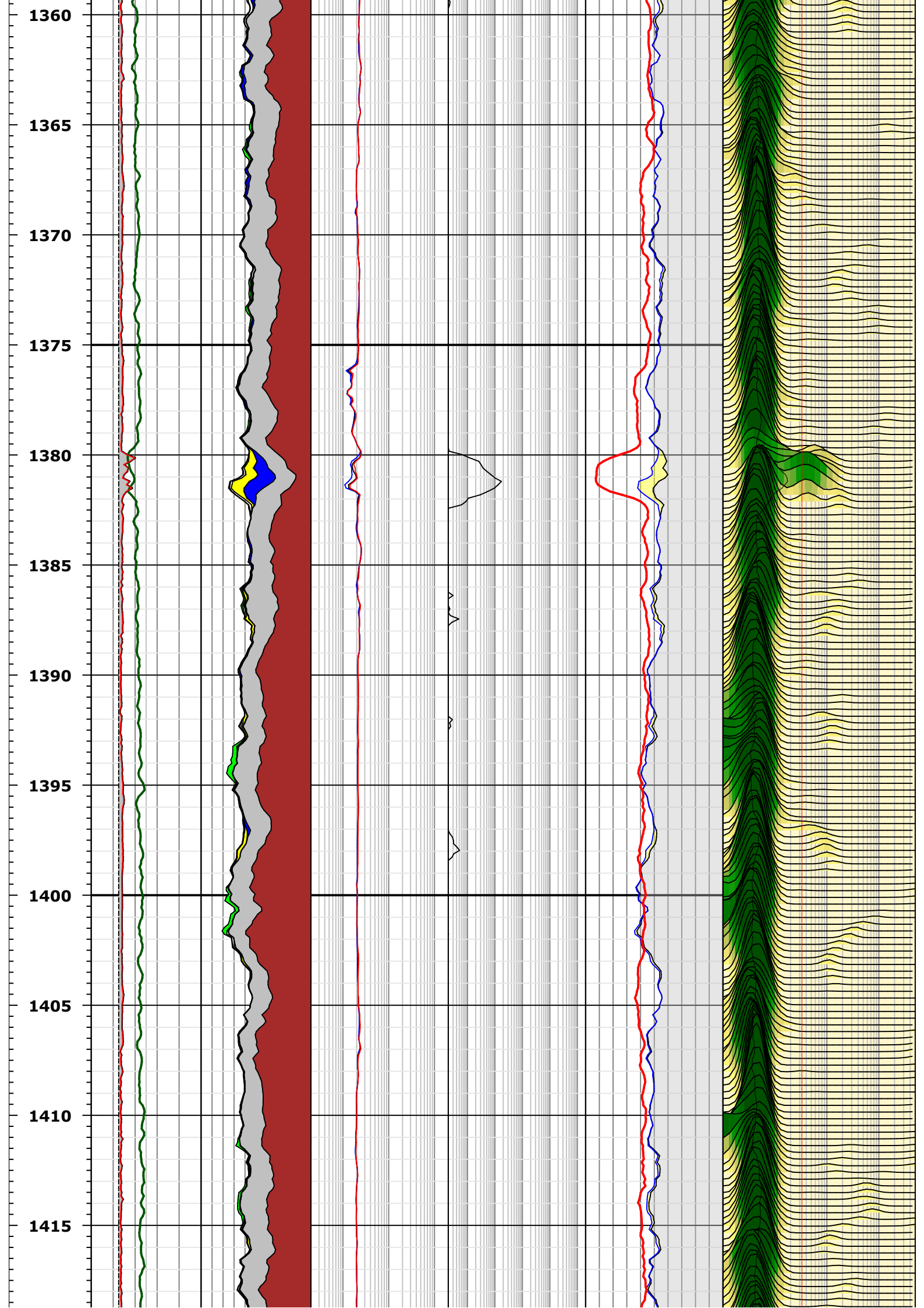


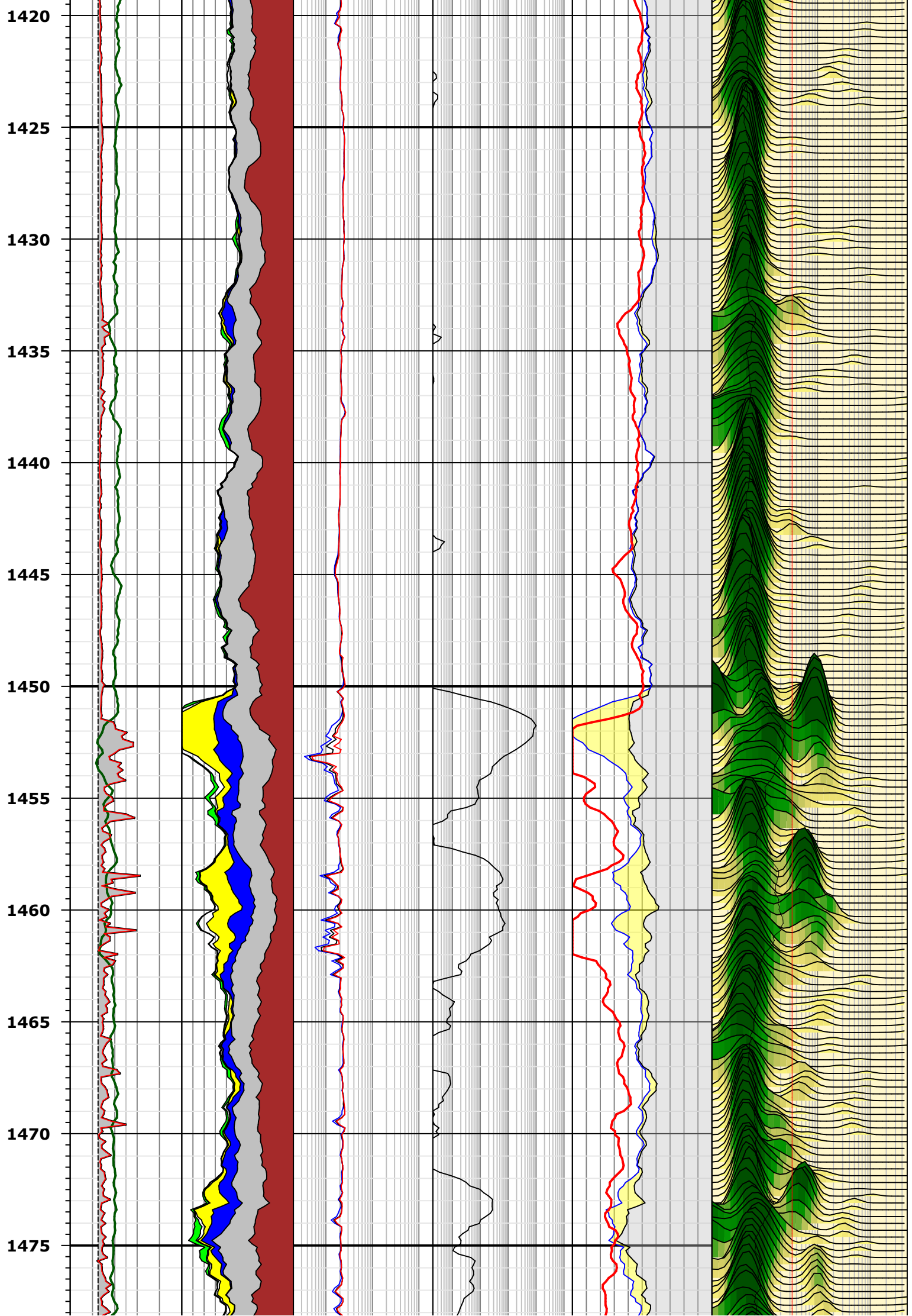




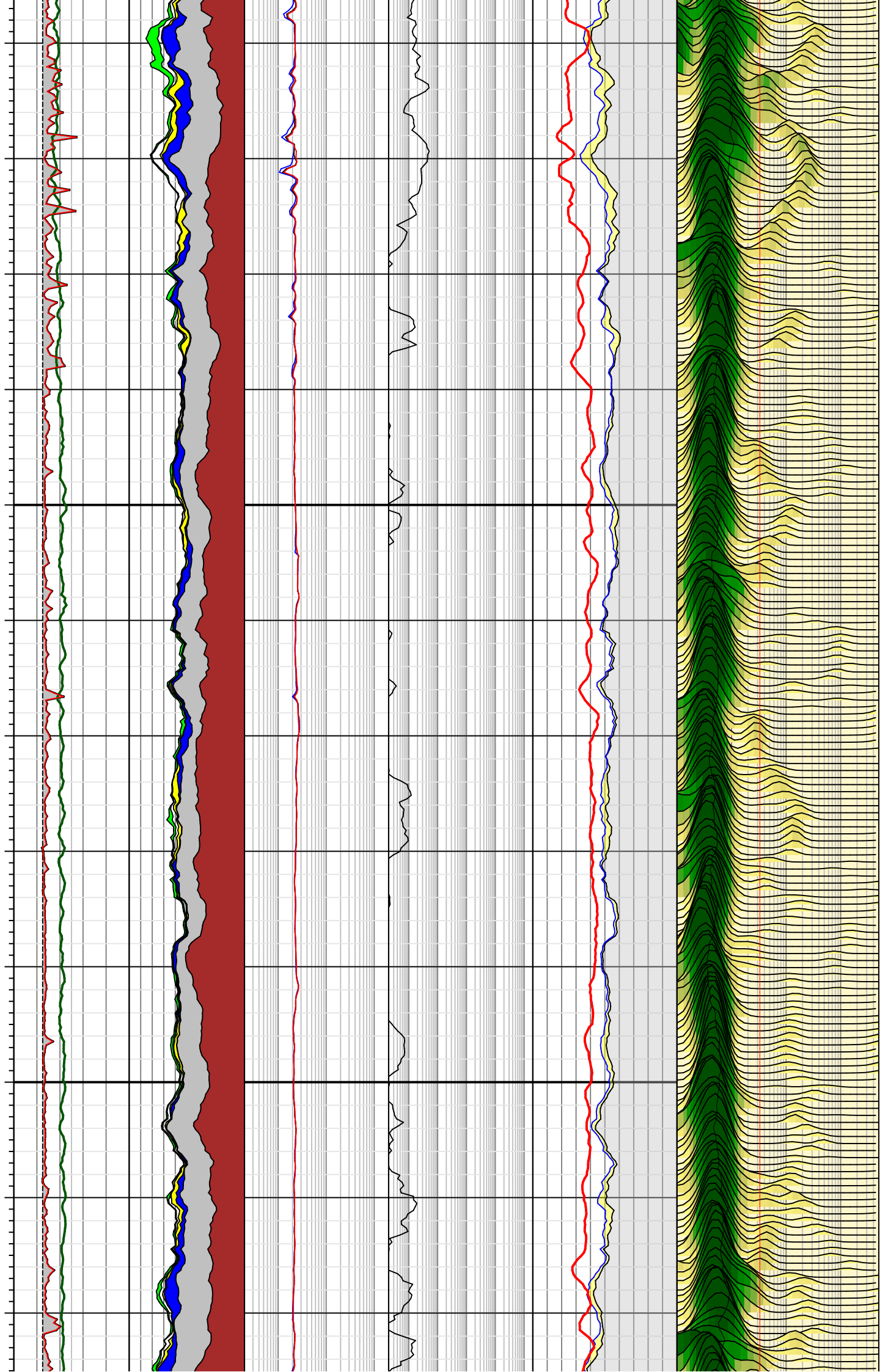


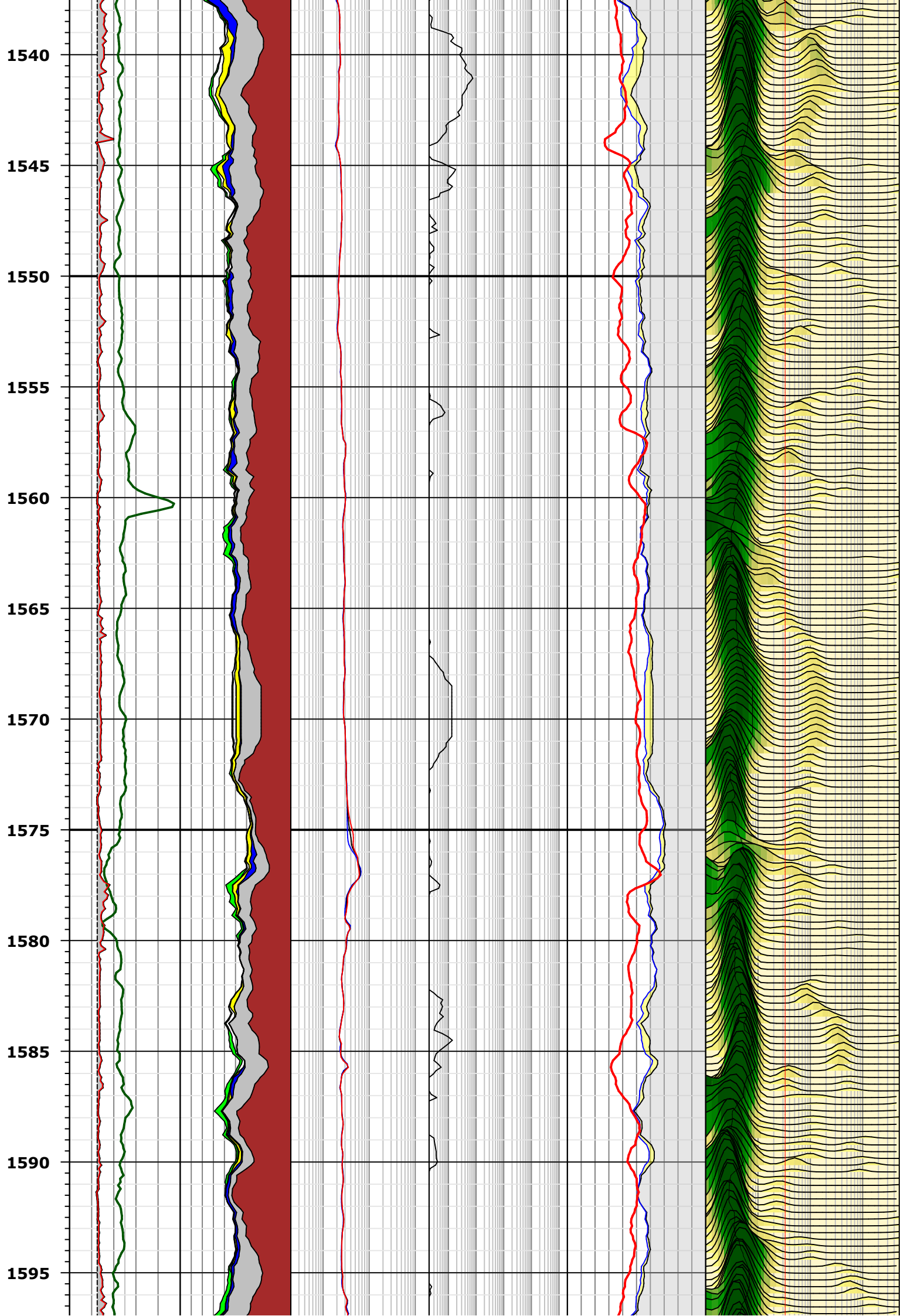






1480
1485
1490
1495
1500
1505
1510
1515
1520
1525
1530
1535





Acquisition & Calibration

Echo Amplitude MC:	358.819	Number Sub-Meas:	3
Frequency MC:	246.64 (kHz)	Number Echoes:	1500;64;32;0;0
Antenna Q MC:	128.809	Number Repeats:	1;32;64;0;0
Temperature MC:	26 (degC)	Echo Spacing:	1200;800;600;0;0 (us)
Loop MC:	631.558	Wait Time:	12.7751;0.048;0.016;0;0 (s)

Processing Parameters

Preprocessing

Stacking Levels:	11
Despike:	yes
Burst Baseline Corr:	no
Bend Ringing Corr:	no
Signal Phasing:	Auto

Inversion

T2 Minimum:	0.5 (ms)
T2 Maximum:	5000 (ms)
Inversion Components:	30
Interpolation:	64
Sub Measurements:	1;2;3
Start Echo:	2;2;2
EPM Processing:	Auto
T1/T2 Input:	1.5
Polarization Correction:	no
Regularization:	Manual
Regularization Factor:	0.2

LQC Threshold Parameters

Polarization Corr Threshold:	0.015 (m3/m3)
Bad Hole Porosity:	0.4 (m3/m3)
Bad Hole T2:	10 (ms)