SANDRIDGE
THE POWER OF US™

Triple Combo
4-Mineral/Dual Water
NMR
Core Data

API WELL NO. 15077219510000

CLIENT
COMPANY SANDRIDGE EXP & PROD
WELL FLINN A 3306 1-11
FIELD STOHRVILLE
COUNTY HARPER STATE KANSAS

LOCATION : TWP: 33 S - Range: 6 W - Sec. 11
660 FSL 900 FEL
(SHL) 660' FSL & 900' FEL

OTHER COMPUTATIONS
Rw=0.03

PERMANENT DATUM GL ELEV. -999.25
LOG MEASURED FROM KB , ABOVE PERM DATUM
DRILLING MEASURED FROM KB

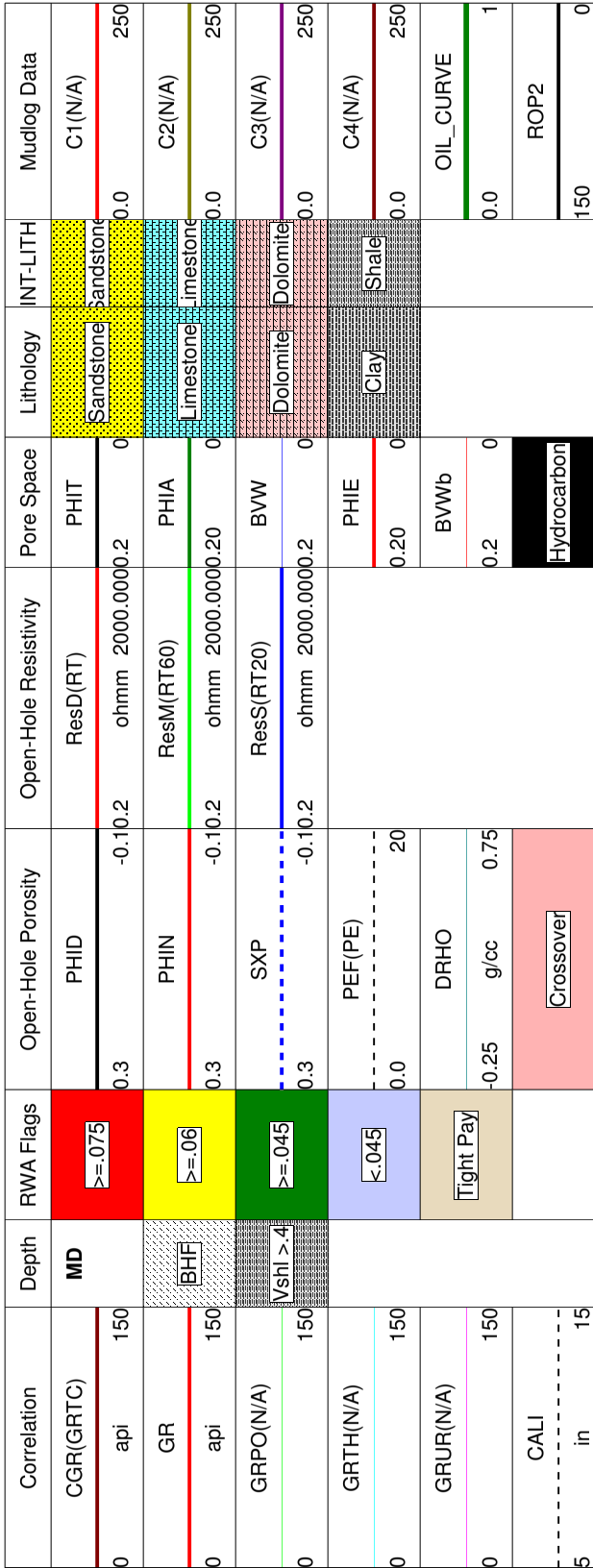
ELEV K.B. 1321
D.F.
G.L. 1311

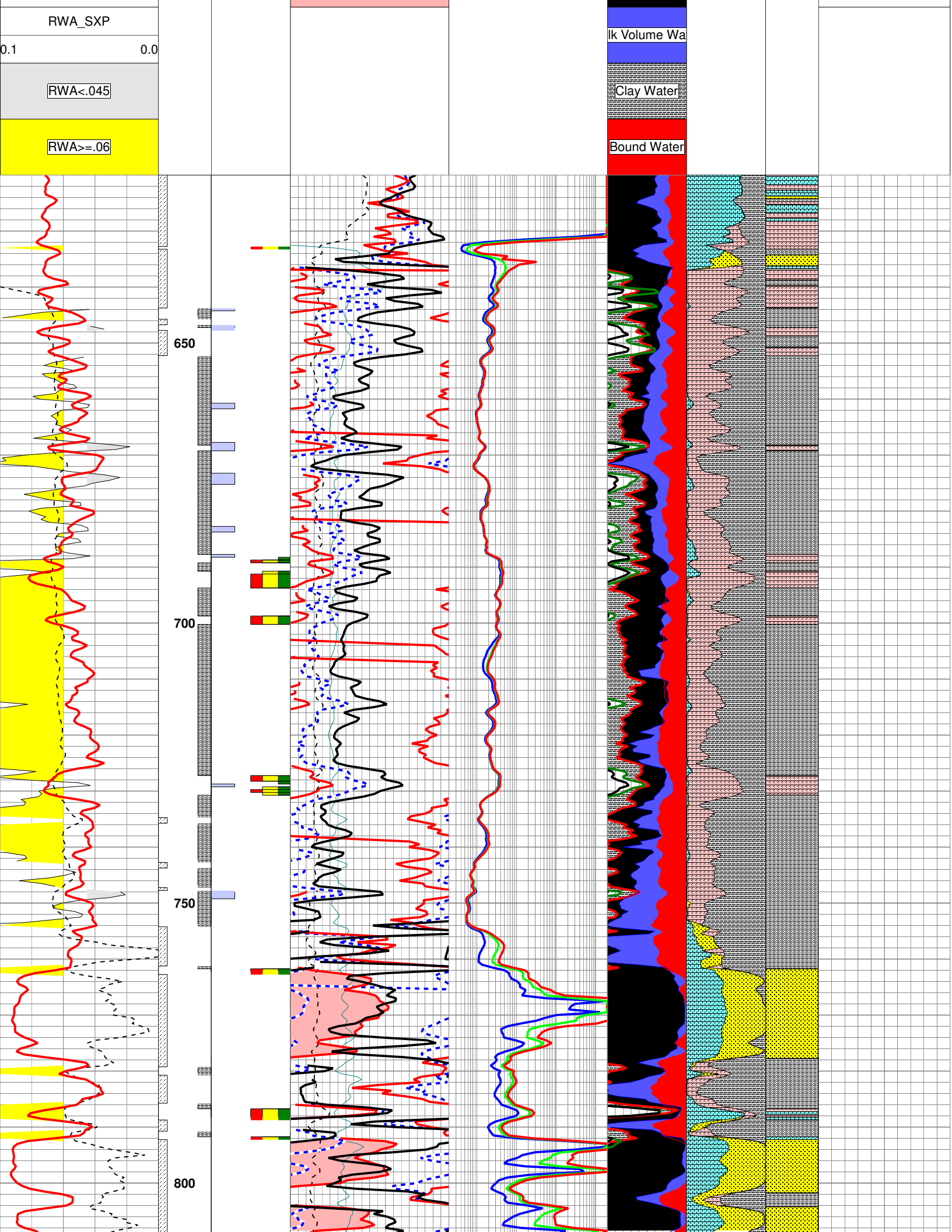
DATE	17 - JUL - 2013			
RUN NO.				
DEPTH - DRILLER				
DEPTH - LOGGER	4807			
BOTTOM LOGGED INTERVAL	4807			
TOP LOGGED INTERVAL	620			
CASING - DRILLER				
CASING - LOGGER				
BIT SIZE				
TYPE FLUID IN HOLE				
CASING SIZE / CASING WEIGHT				
DENSITY / VISCOSITY				
PH / FLUID LOSS				
SOURCE OF SAMPLE				
R_M @ MEASURED TEMP.	@	@	@	@
R_{MF} @ MEASURED TEMP.	@	@	@	@
R_{MC} @ MEASURED TEMP.	@	@	@	@
SOURCE : R_{MF} R_{MC}				
R_M @ BHT	@	@	@	@
CIRCULATION STOP DATE				
MAX. REC. TEMP				
Company / LOCATION	Halliburton			
RECORDED BY				
WITNESSED BY				

FOLD HERE

Interpretations are opinions based upon inferences from electrical or other measurements and algorithms, empirical relationships, and assumptions which are not infallible and with respect to which log analysts may differ. Accordingly, <Company Name> cannot and does not guarantee the accuracy or correctness of any interpretation and shall not be liable or responsible for any losses, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents, or employees.

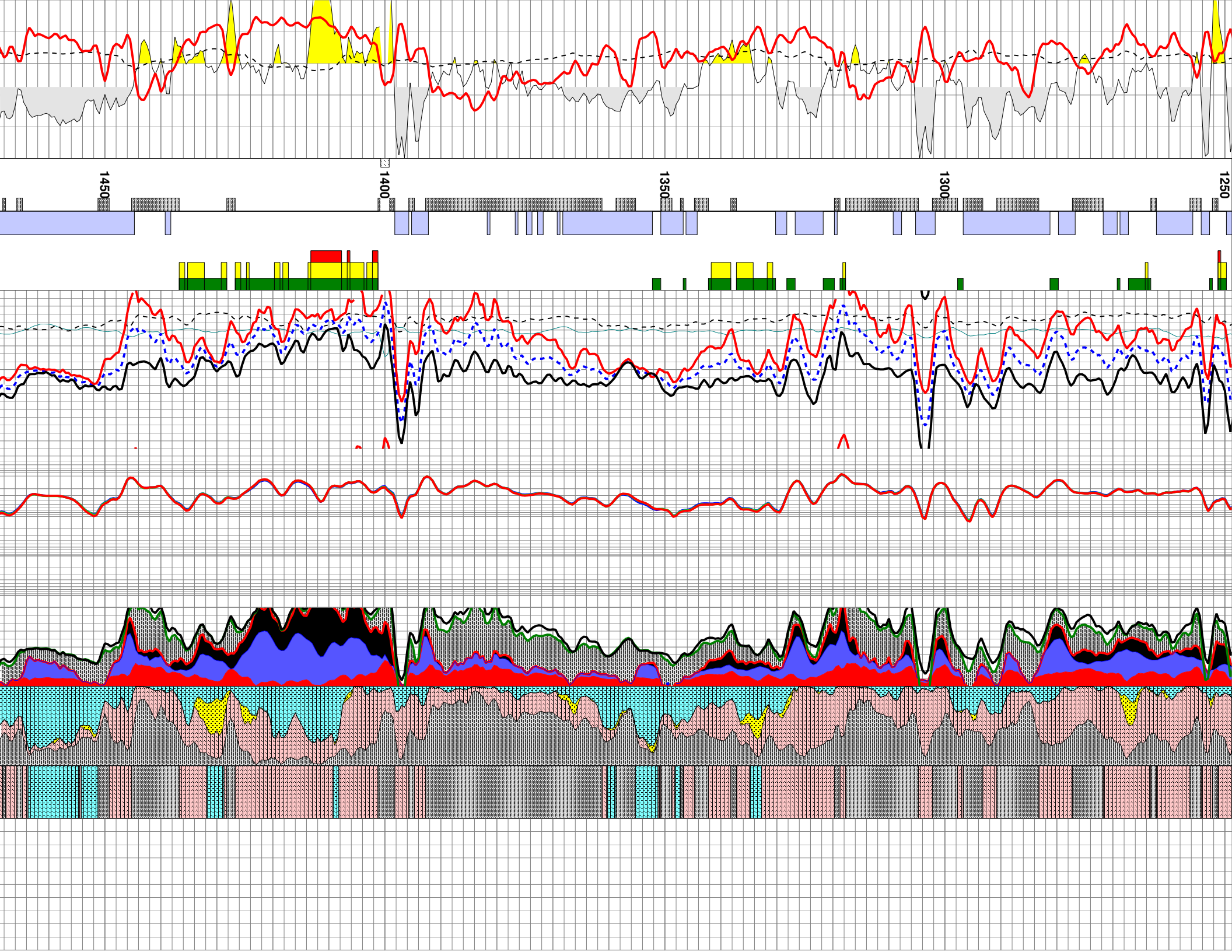
COMPUTATION
LOGS USED: Triple Combo
CENTER: OKC
REFERENCE NUMBER: []
LOG ANALYST: Jack Austin
PROGRAM: PRIZM
DATE: 7/18/2012




RWA_SXP
0.1
0.0
RWA<.045
RWA>=.06
650
700
750
800
lk Volume Wa
Clay Water
Bound Water

850
900
950
1000

1200
1150
1100
1050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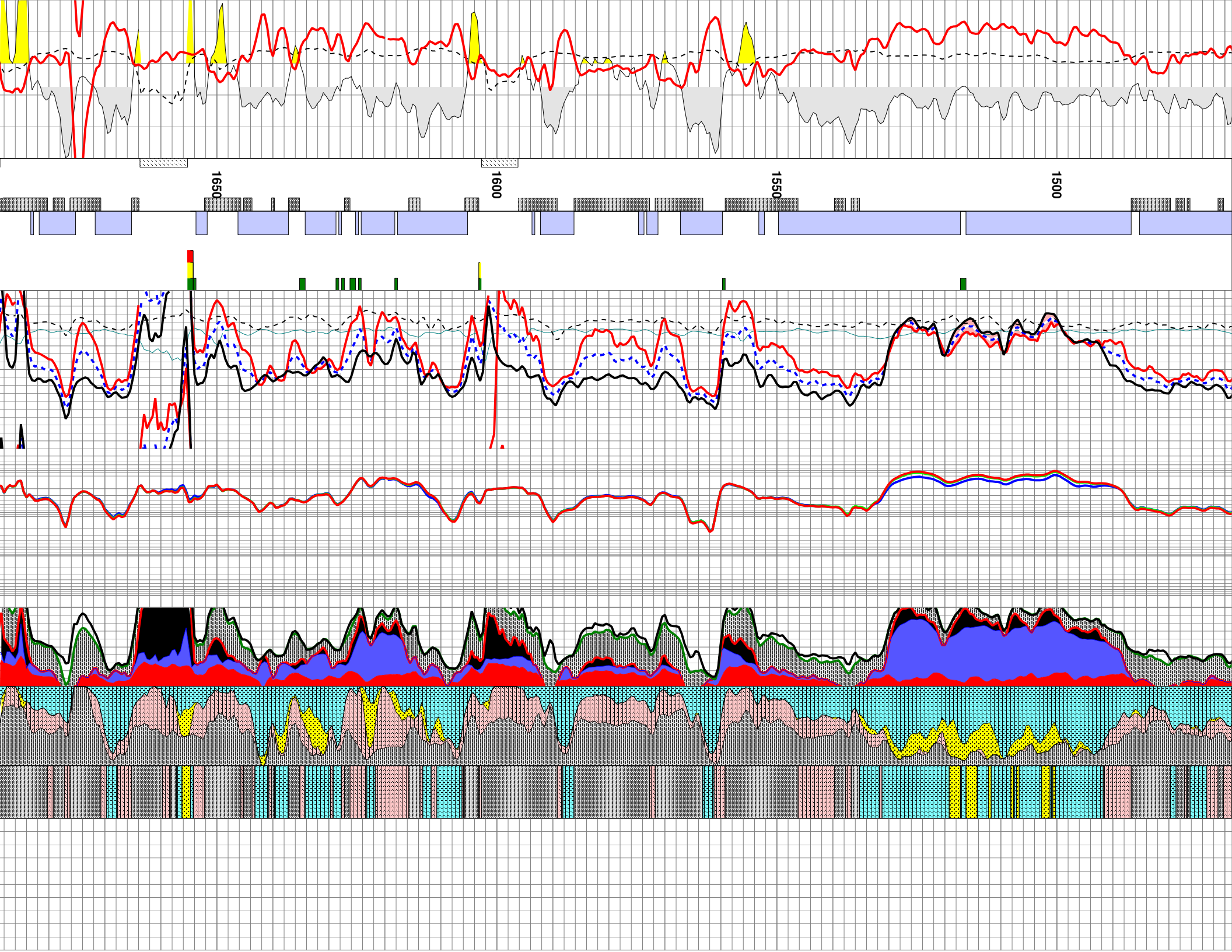
1400
1350
1300
1250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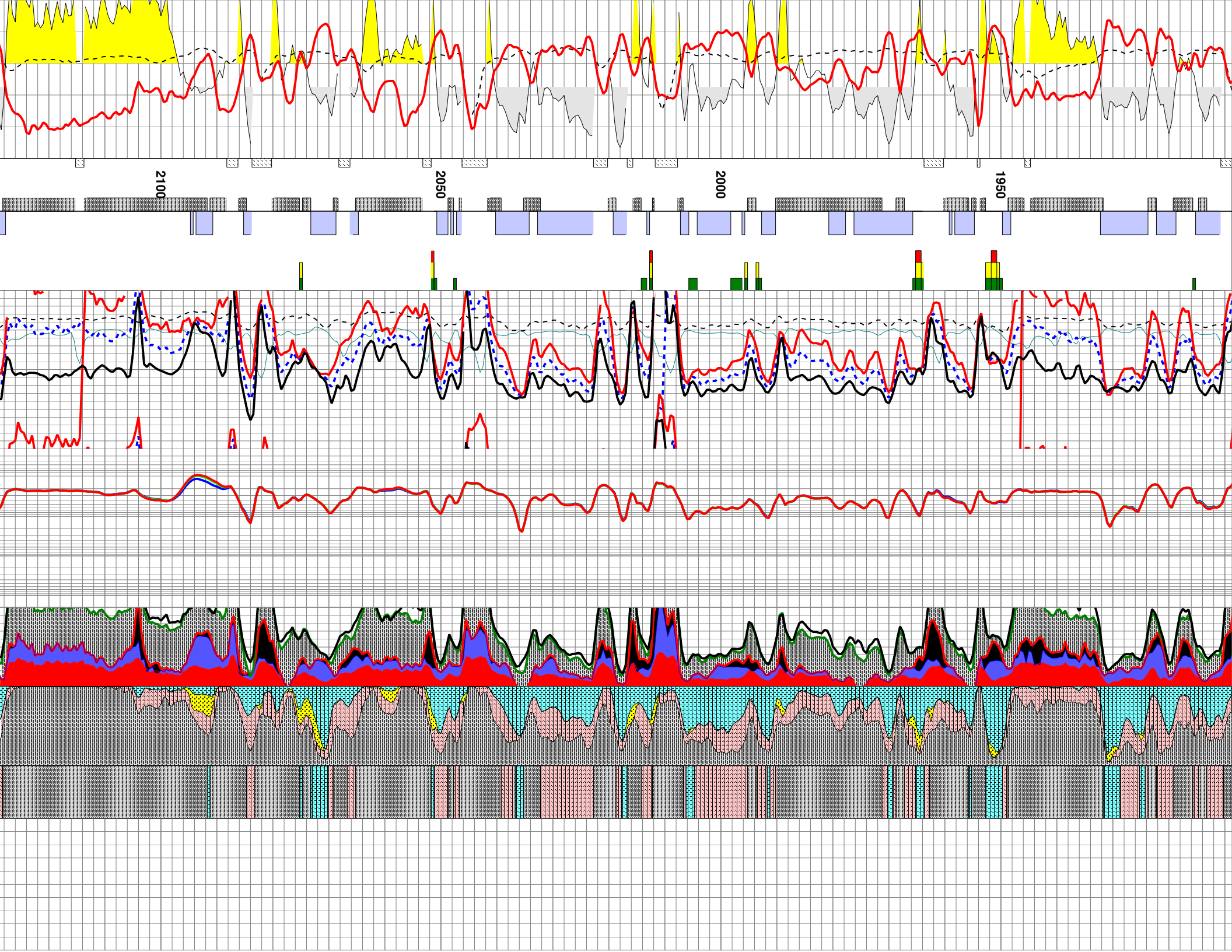
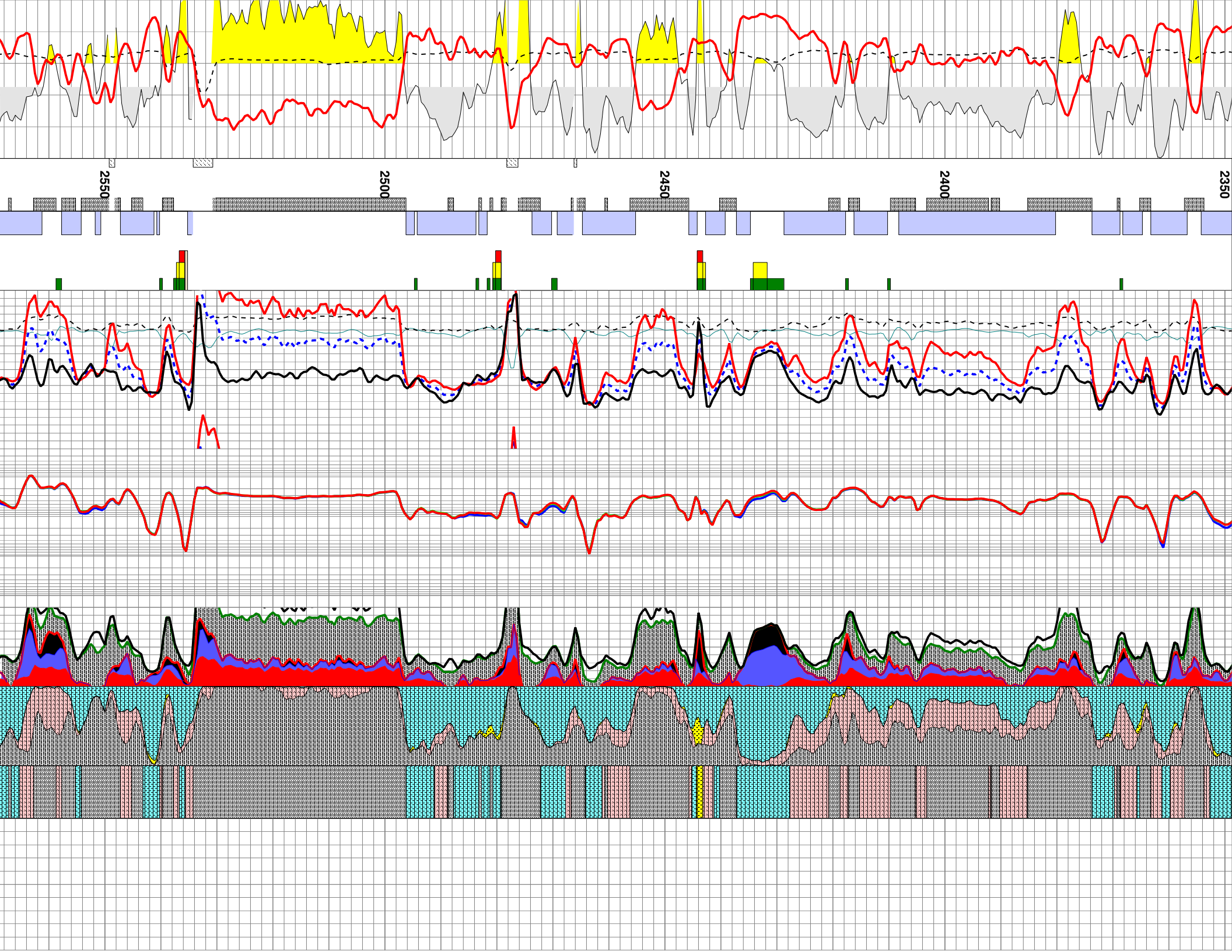
1600
1550
1500

1900
1850
1800
1750
1700


2100
2050
2000
1950

2300
2250
2200
2150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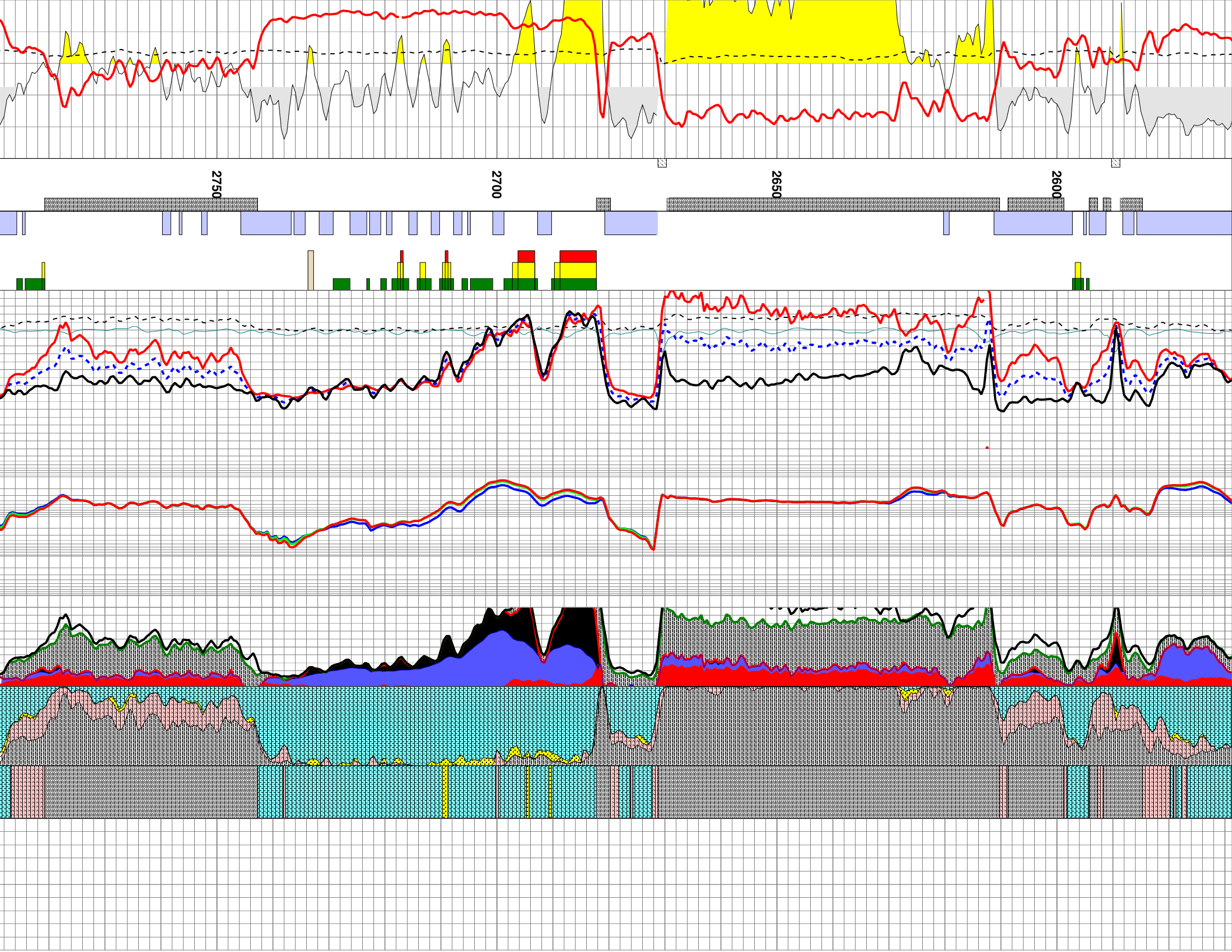
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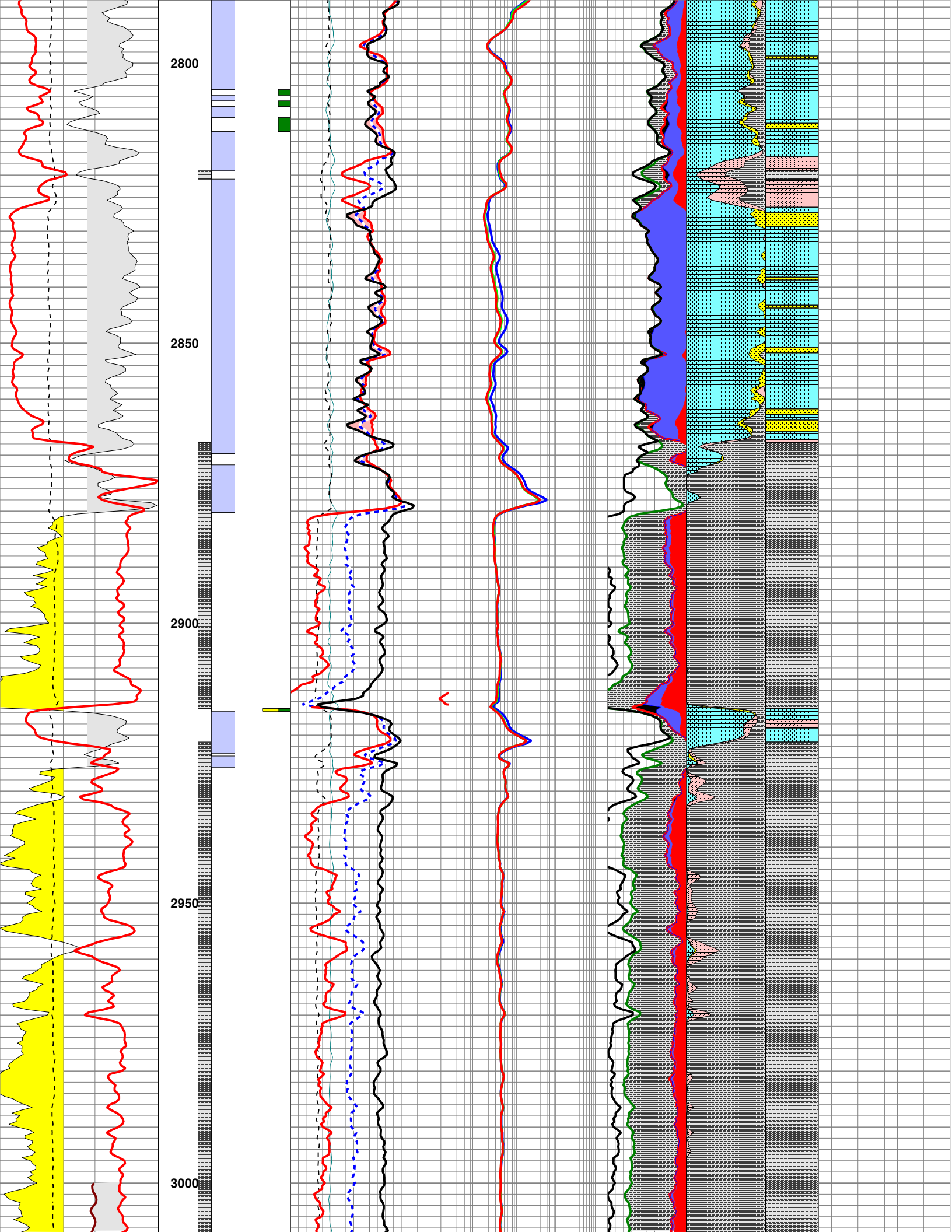
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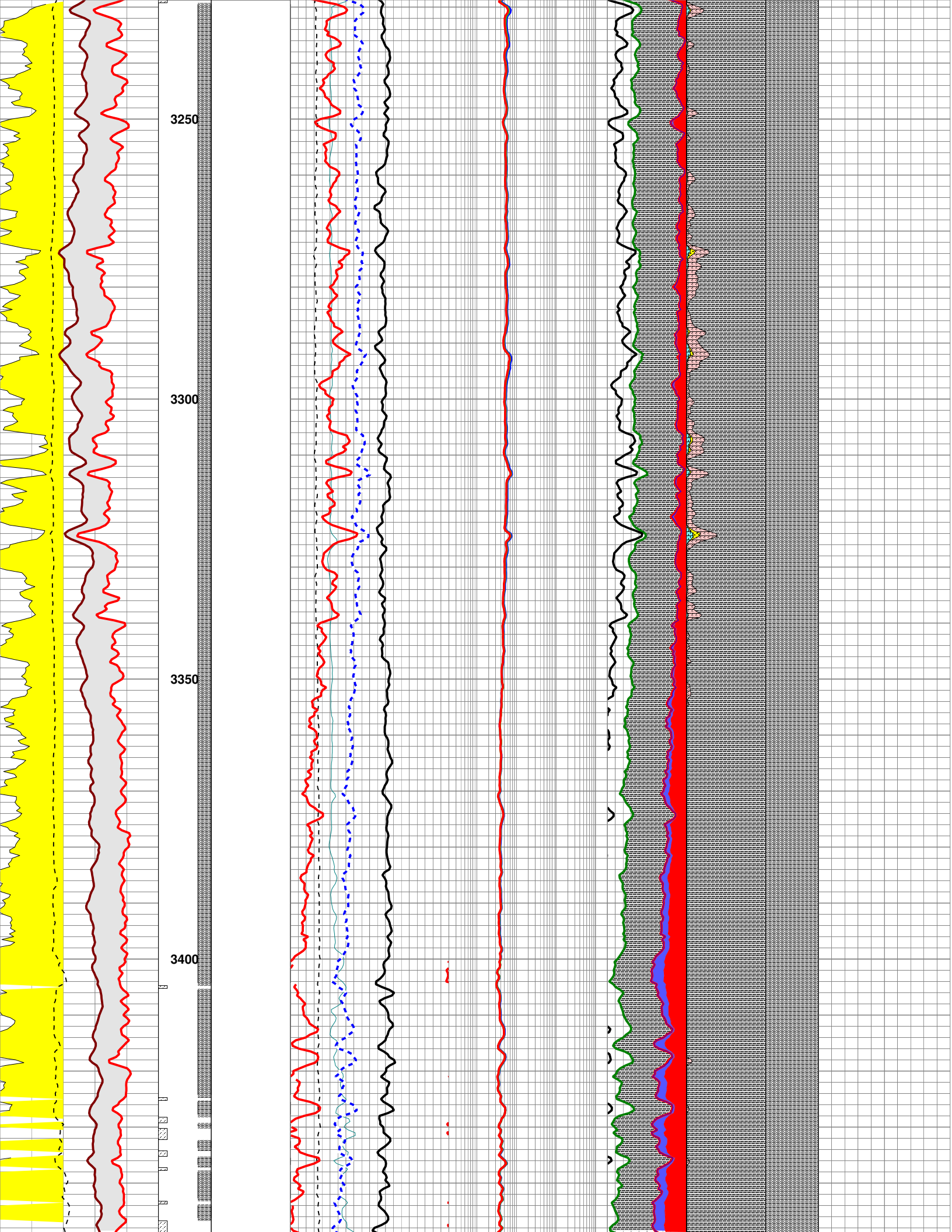
2850
2900
2950
3000

3200
3150
3100
3050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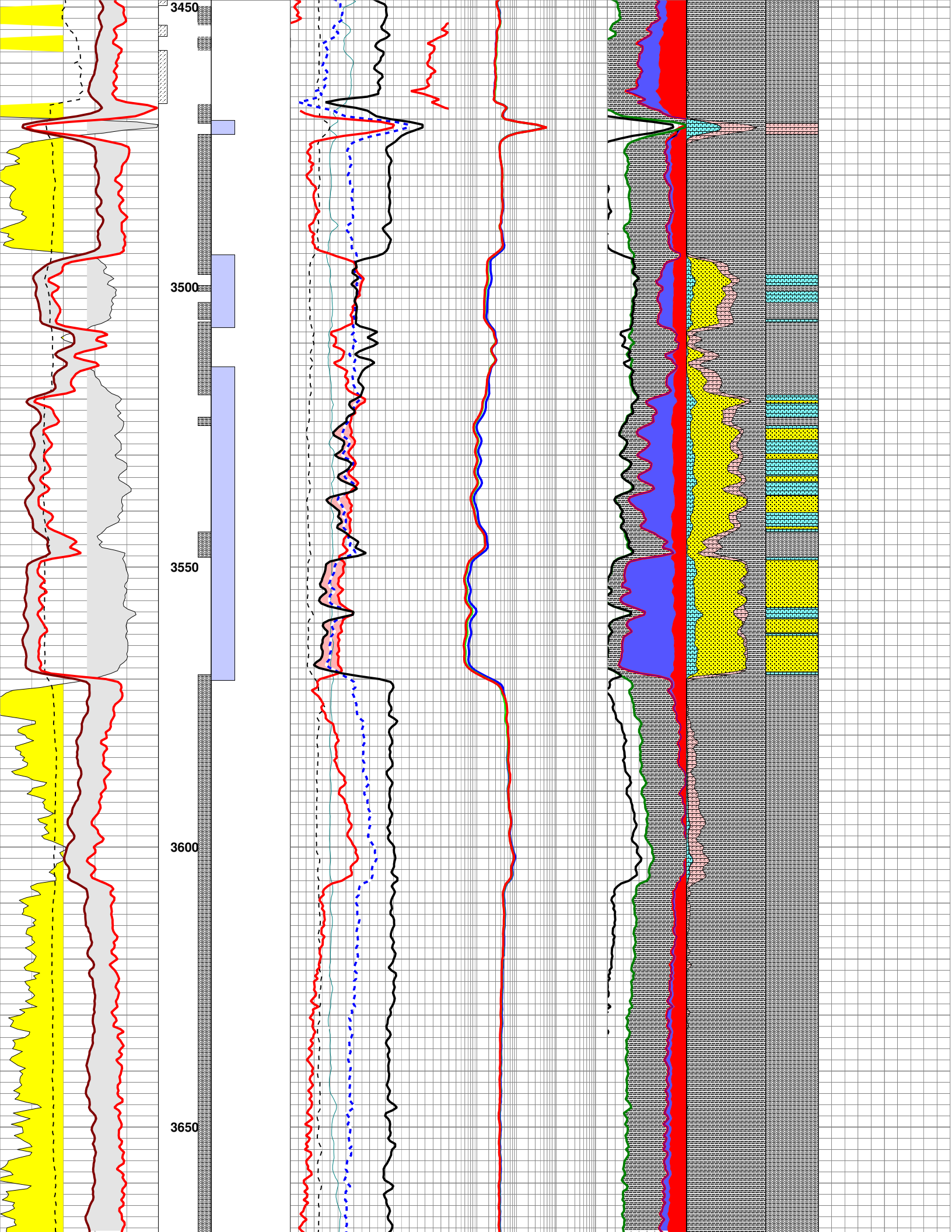
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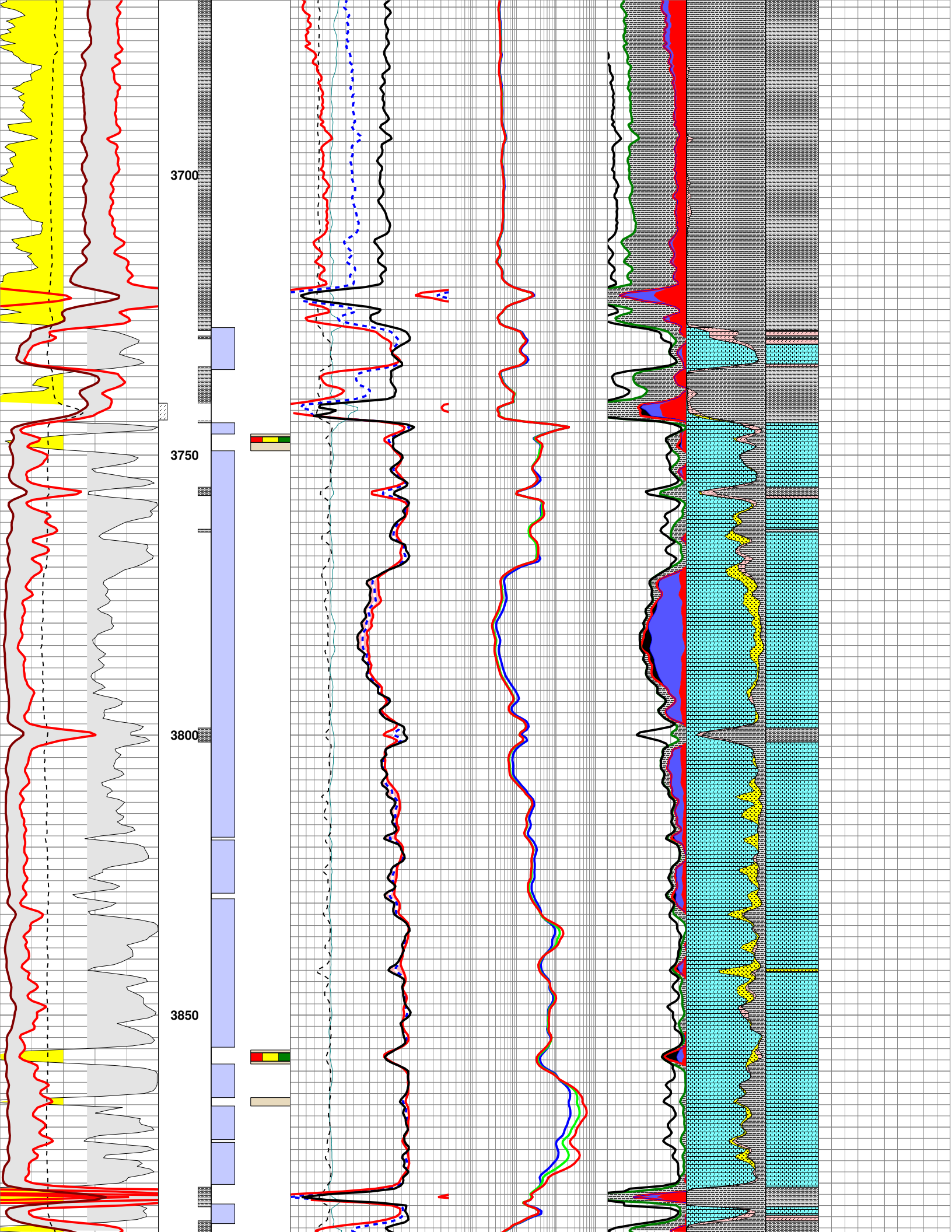
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4100
4050
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3950
3900

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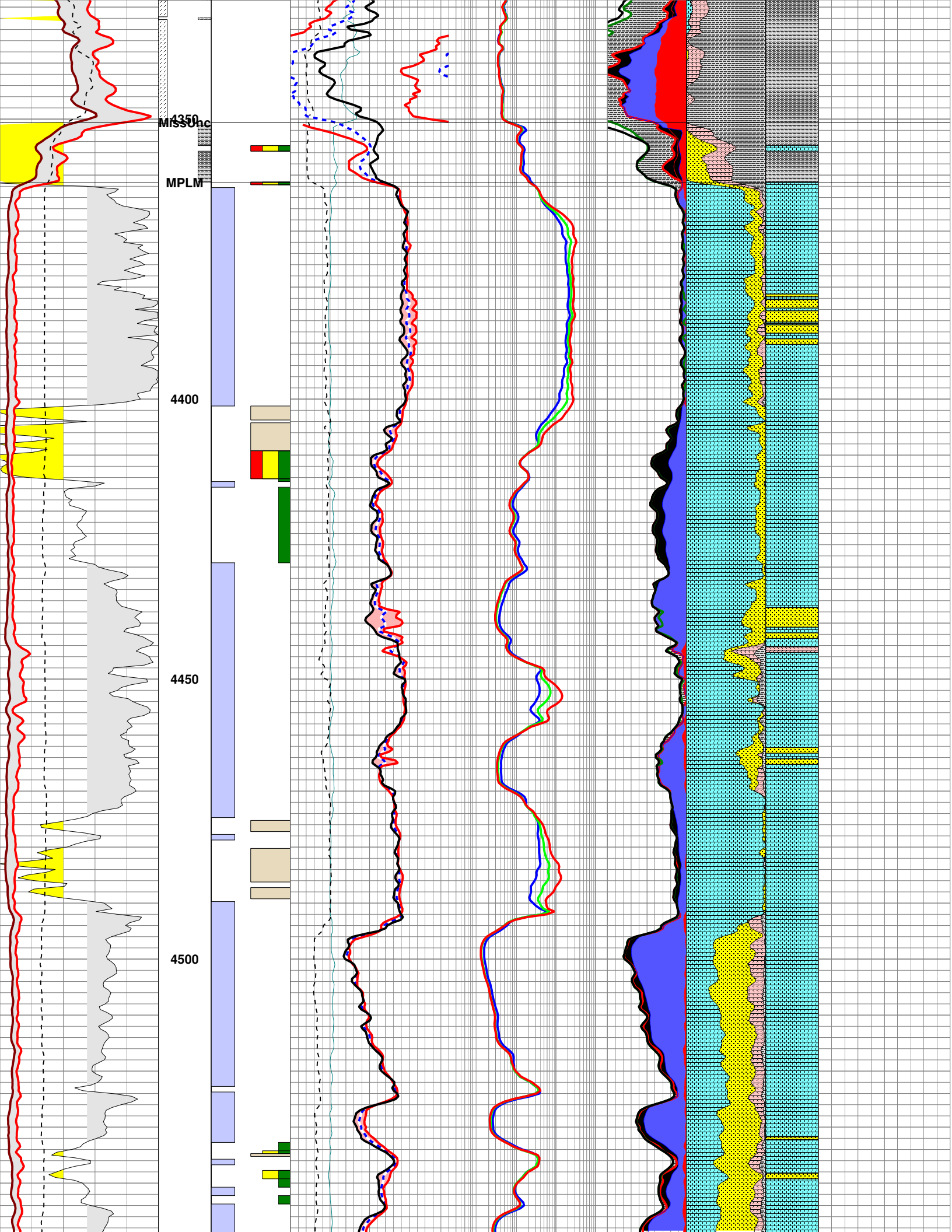
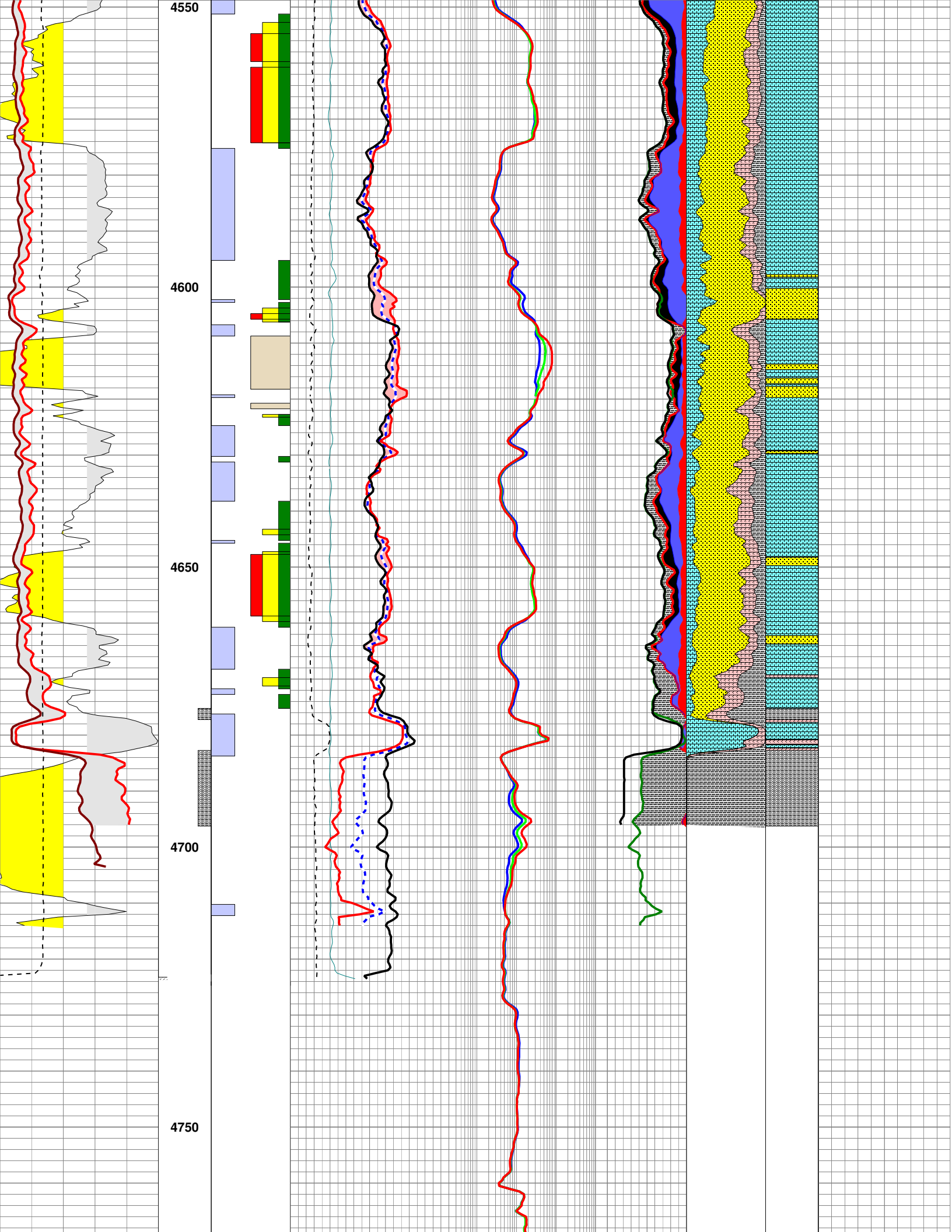
4250
4200
4150


4350
Missunc
MPLM
4400
4450
4500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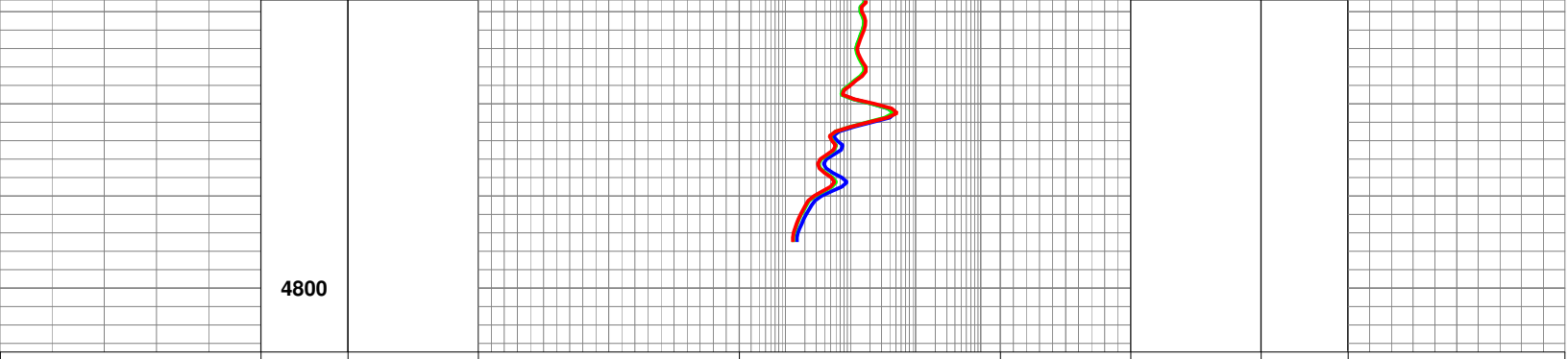

Correlation	Depth	RWA Flags	Open-Hole Porosity	Open-Hole Resistivity	Pore Space	Lithology	INT-LITH	Mudlog Data
CGR(GRTC) 0 api 150	MD	>=.075	PHID 0.3 -0.1	ResD(RT) 0.2 ohmm 2000.000	PHIT 0.2 0	Sandstone	Sandstone	C1(N/A) 0.0 250
GR 0 api 150	BHF	>=.06	PHIN 0.3 -0.1	ResM(RT60) 0.2 ohmm 2000.000	PHIA 0.20 0	Limestone	Limestone	C2(N/A) 0.0 250
GRPO(N/A) 0 150	Vshl >.4	>=.045	SXP 0.3 -0.1	ResS(RT20) 0.2 ohmm 2000.000	BVW 0.2 0	Dolomite	Dolomite	C3(N/A) 0.0 250
GRTH(N/A) 0 150		<.045	PEF(PE) 0.0 20		PHIE 0.20 0	Clay	Shale	C4(N/A) 0.0 250
GRUR(N/A) 0 150		Tight Pay	DRHO -0.25 g/cc 0.75		BVWb 0.2 0			OIL_CURVE 0.0 1
CALI 5 in 15			Crossover		Hydrocarbon			ROP2 150 0
RWA_SXP 0.1 0.0					Ik Volume Wa			
RWA<.045					Clay Water			
RWA>=.06					Bound Water			