

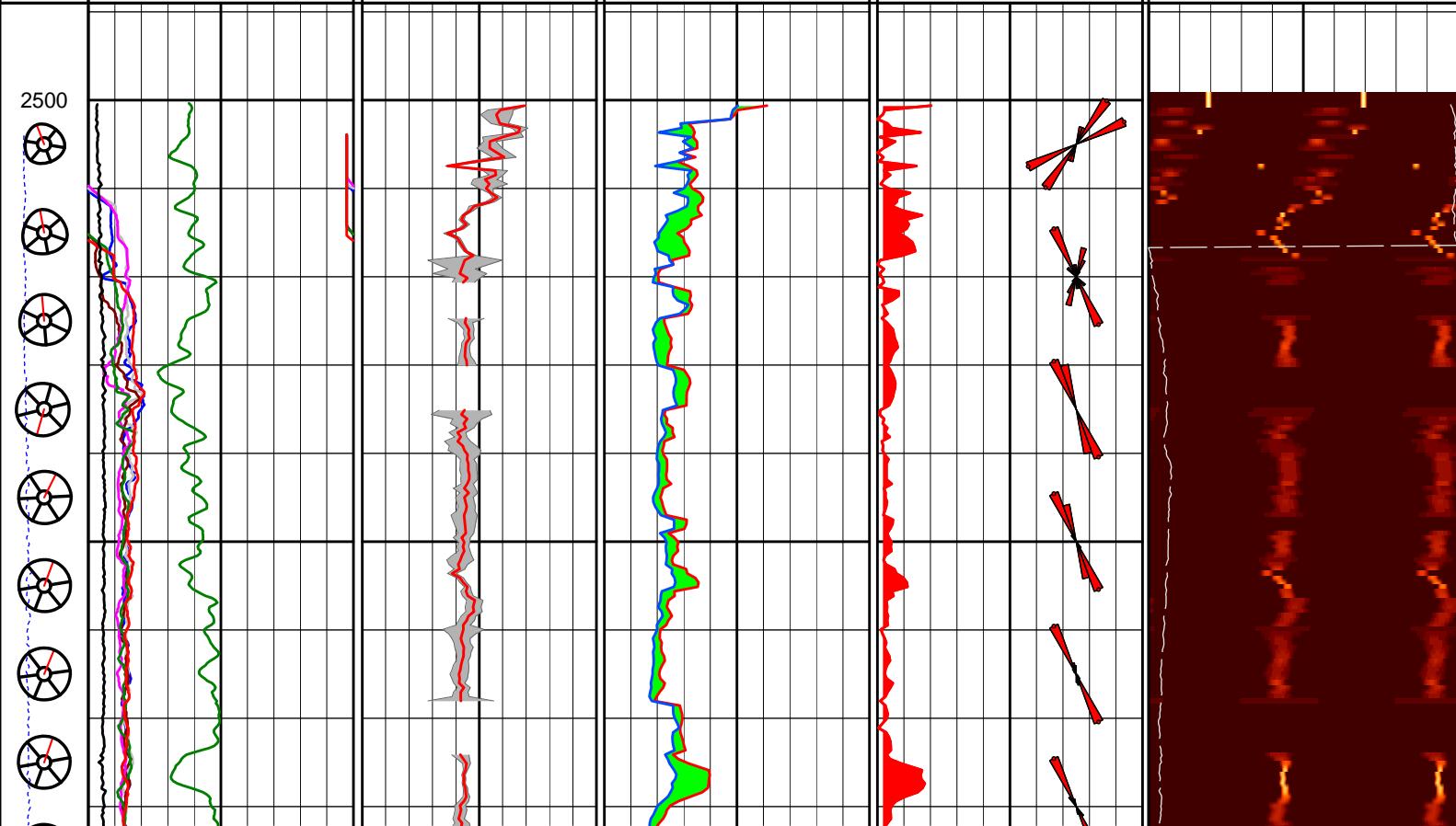
WAVESONIC ANISOTROPY ANALYSIS

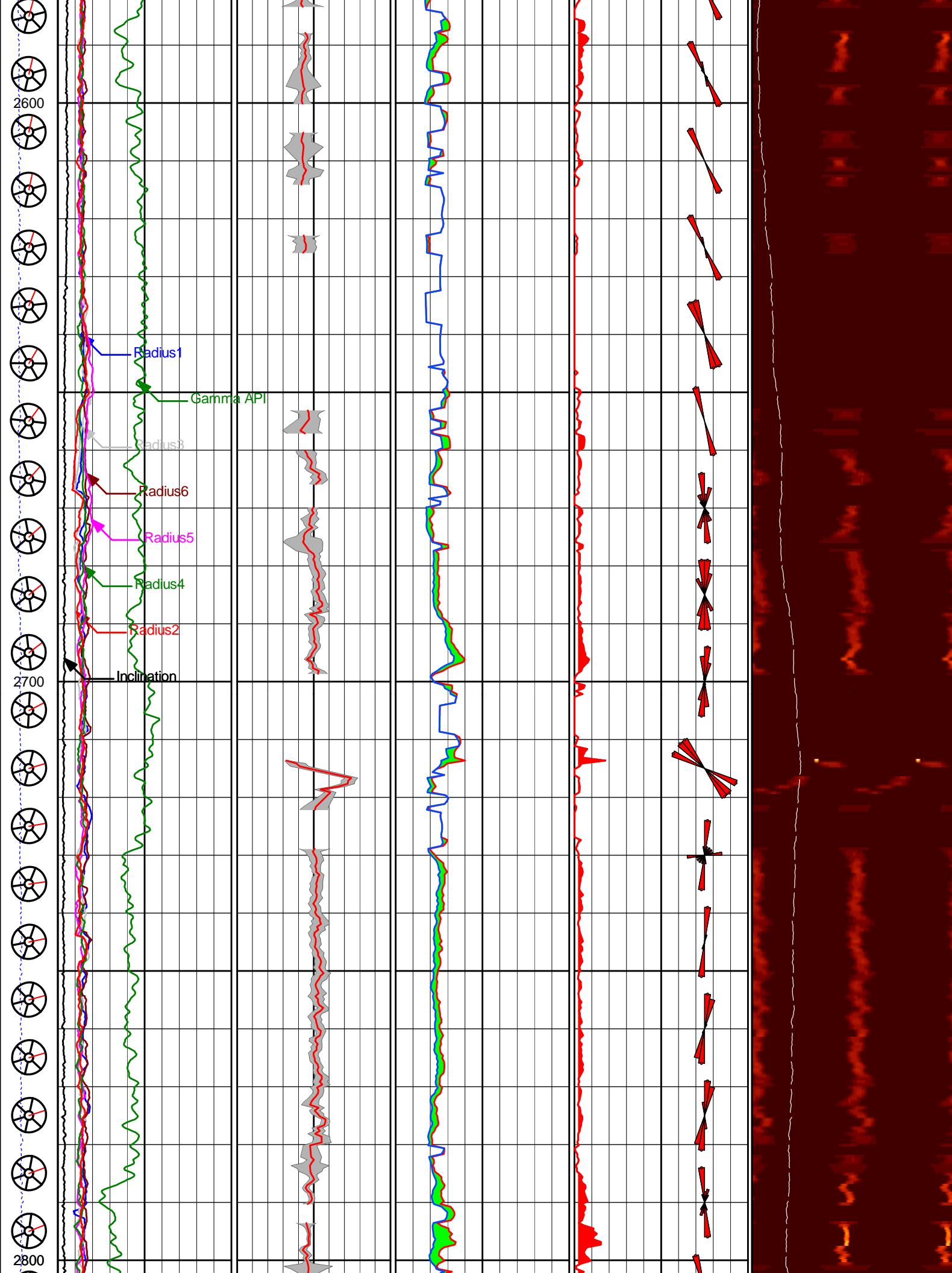
COMPANY	GREAT BEAR PETROLEUM		
WELL	ALCOR #1		
FIELD	WILDCAT		
COUNTY	NORTH SLOPE		
Location	STATE	ALASKA	
SURFACE: 2452' FSL & 652' FEL	Elev.: K.B.	187.00 ft	
	D.F.	186.00 ft	
	G.L.	163.70 ft	

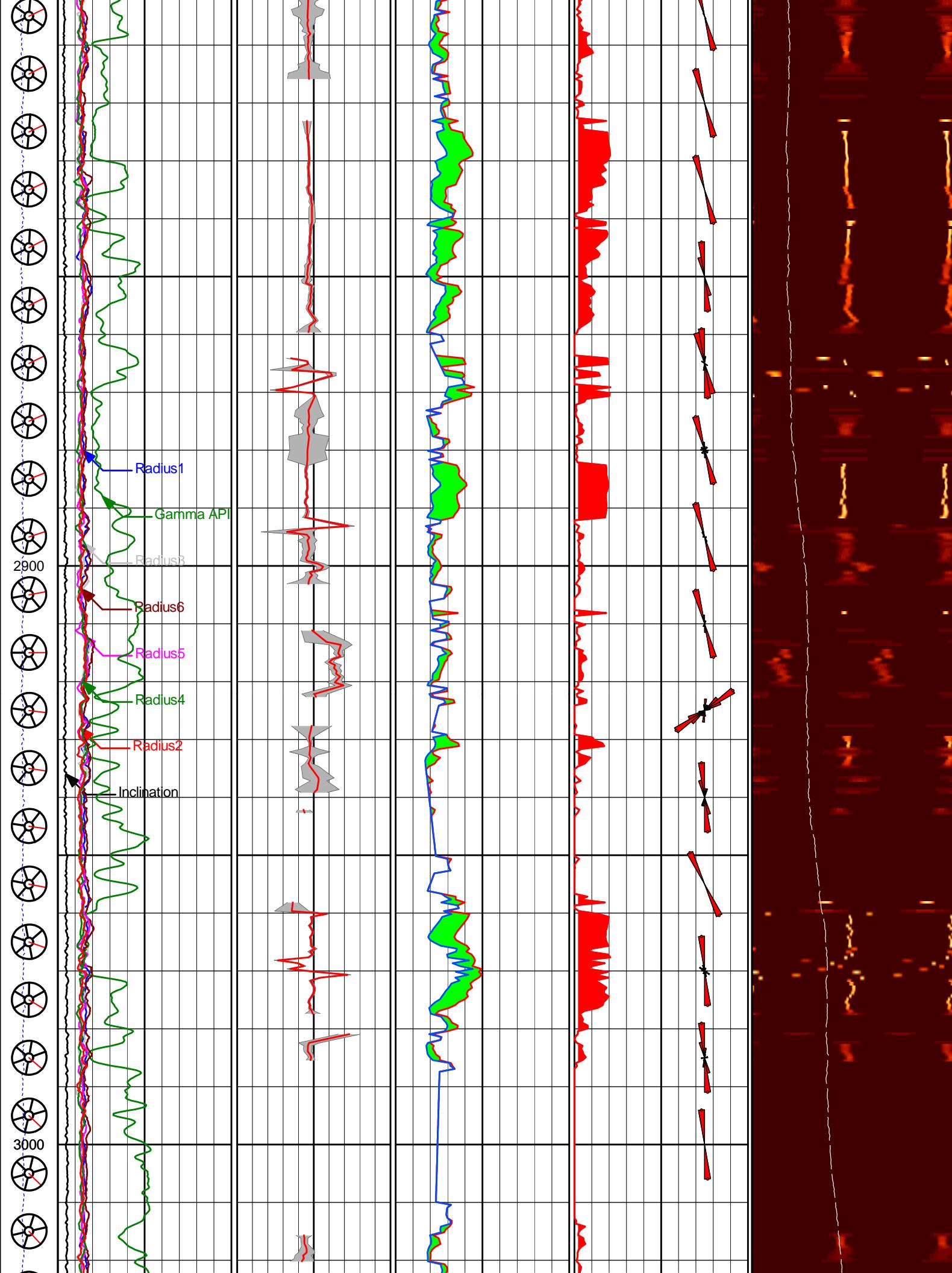
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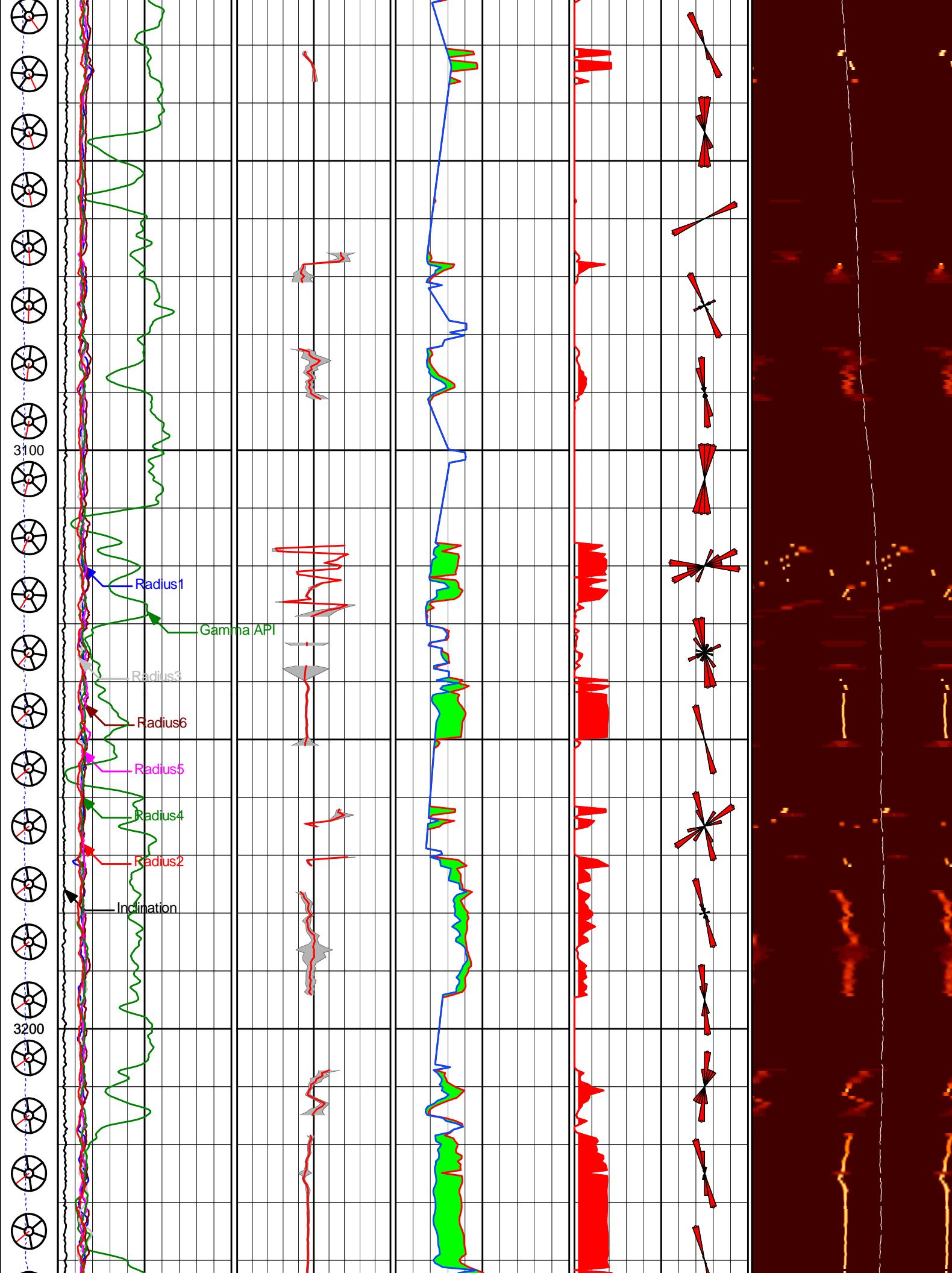
Service Ticket No.: N/A	PGM Version: WL INSITE R3.6.0 (Build 3)		
Logs Processed: WAVESONIC	Date Logged: 10-JUL-2012	Type Fluid In Hole: OBM	
DIRECTIONAL INFORMATION			
Maximum Deviation	@	KOP	@
Remarks: RWCH-SWIVEL-GTET-WSTT-OMRI WERE RAN IN COMBINATION. ANNULAR VOLUME CALCULATED FOR 7" CASING. TOOL STRING AND LOG PRESENTATION PER CUSTOMER REQUEST.			
MONOPOLE PROCESSING: 40-240 USEC & 3-12 KHZ FILTER			
DIPOLE X & Y PROCESSING: 40-340 USEC & 0.7-3.5 KHZ FILTER			
STONELEY PROCESSING: 40-440 USEC & 1.5 KHZ FILTER			
MAGNETIC DECLINATION = 21.203 DEG			
SONIC POROSITY CALCULATED USING 55.5 MATRIX			
<small>HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.</small>			
HALLIBURTON			

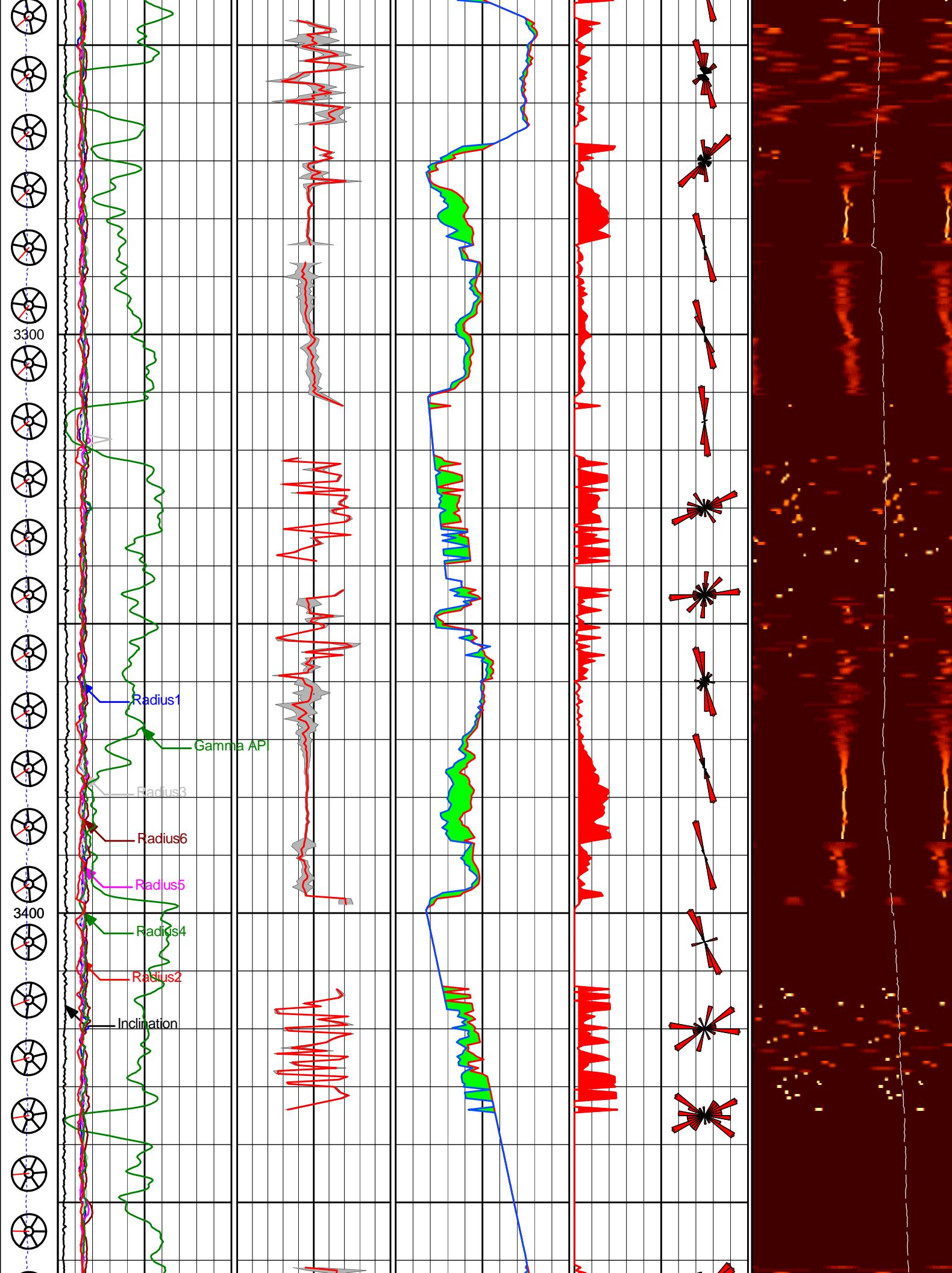
	Inclination	20		
	degrees			
	Gamma API	150		
0	api			
3	Radius1	13		
	inches			
3	Radius2	13		
	inches			
3	Radius3	13		
	inches			
PAD1 Azimuth  degrees	Radius4	13	AniAzi -180 180 degrees	%Anisotropy 0 100 percent
	inches			
Tension 2K 4K pounds	Radius5	13	Minus -180 180 degrees	Slow Shear 440 40 microsec per ft
	inches			
MD 1 : 240 ft	Radius6	13	Plus -180 180 degrees	Fast Shear 440 40 microsec per ft
	inches			
			UNCERTAINTY	AROSE180
				AROSE
				Amap 1 360 seconds

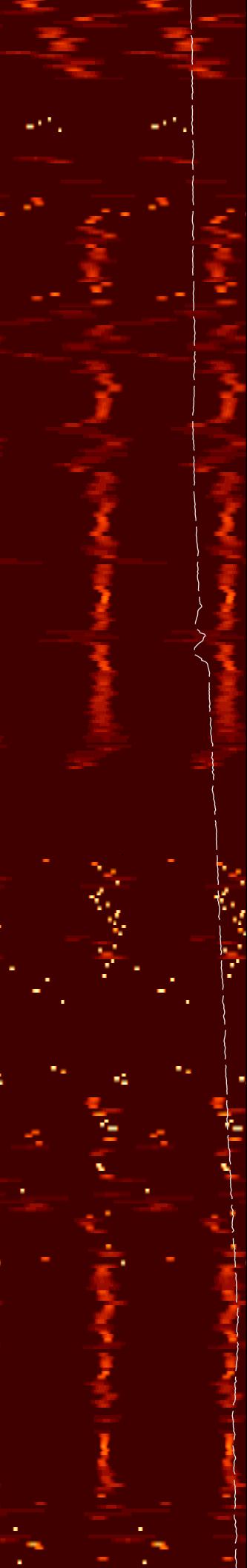
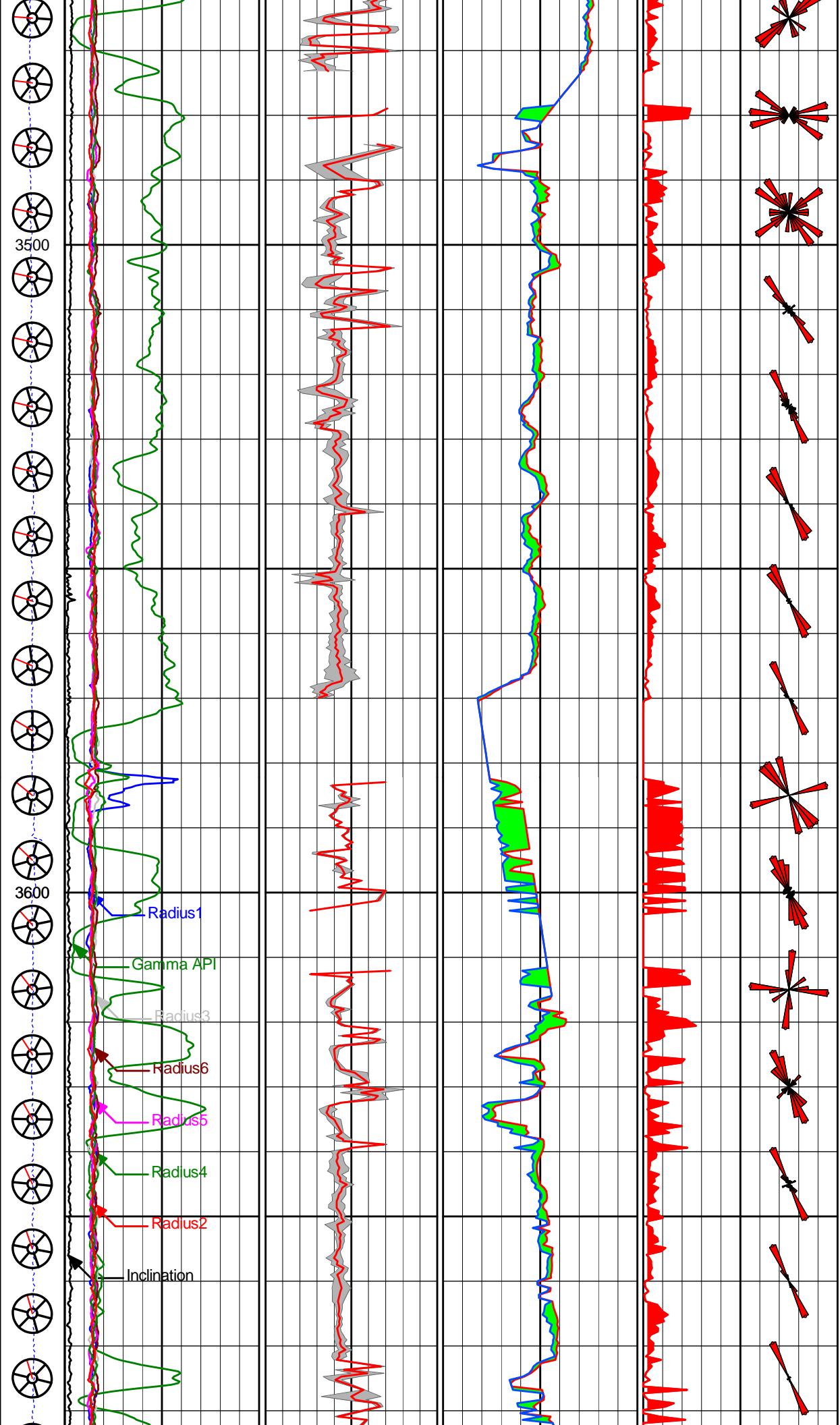


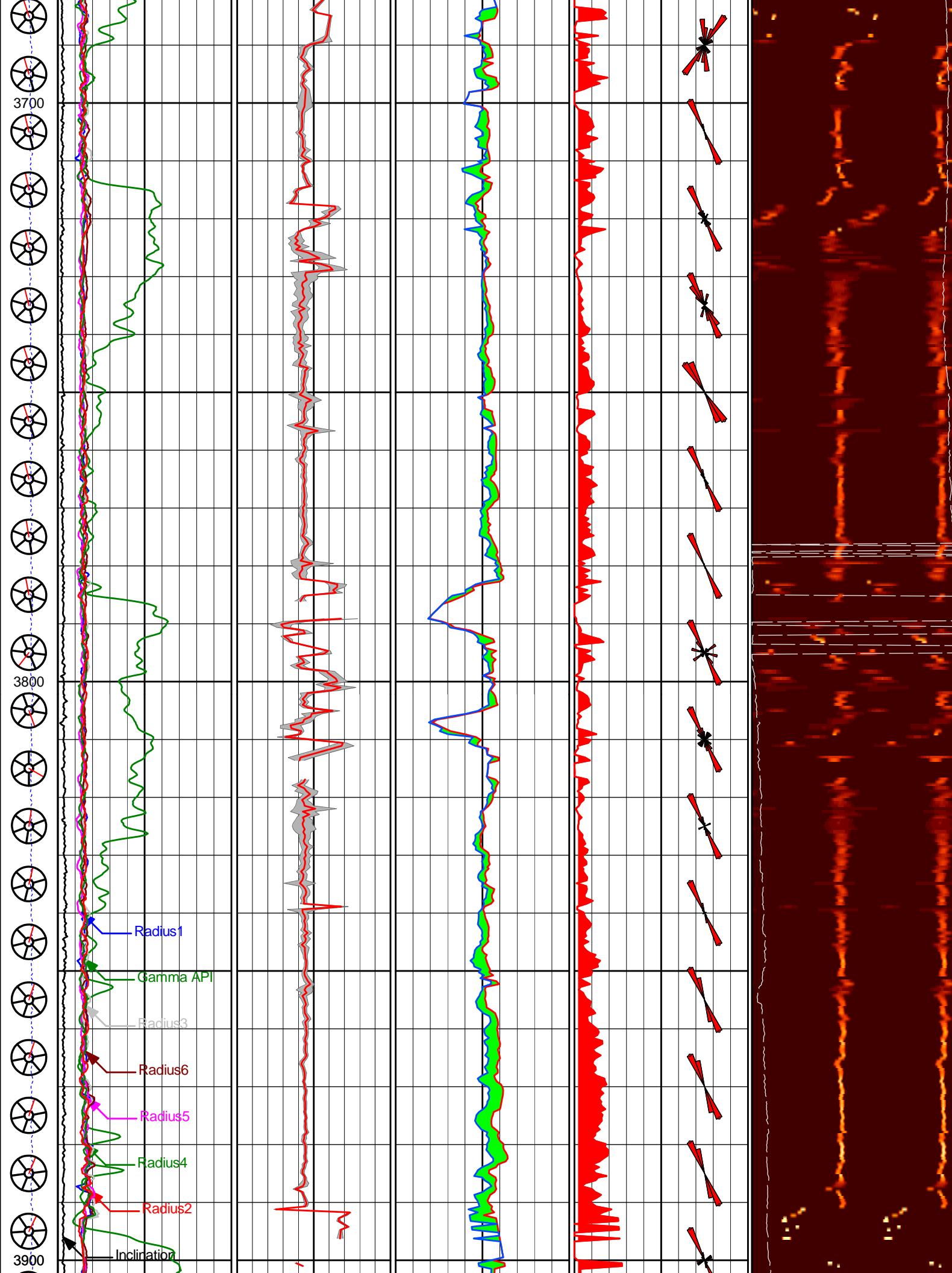


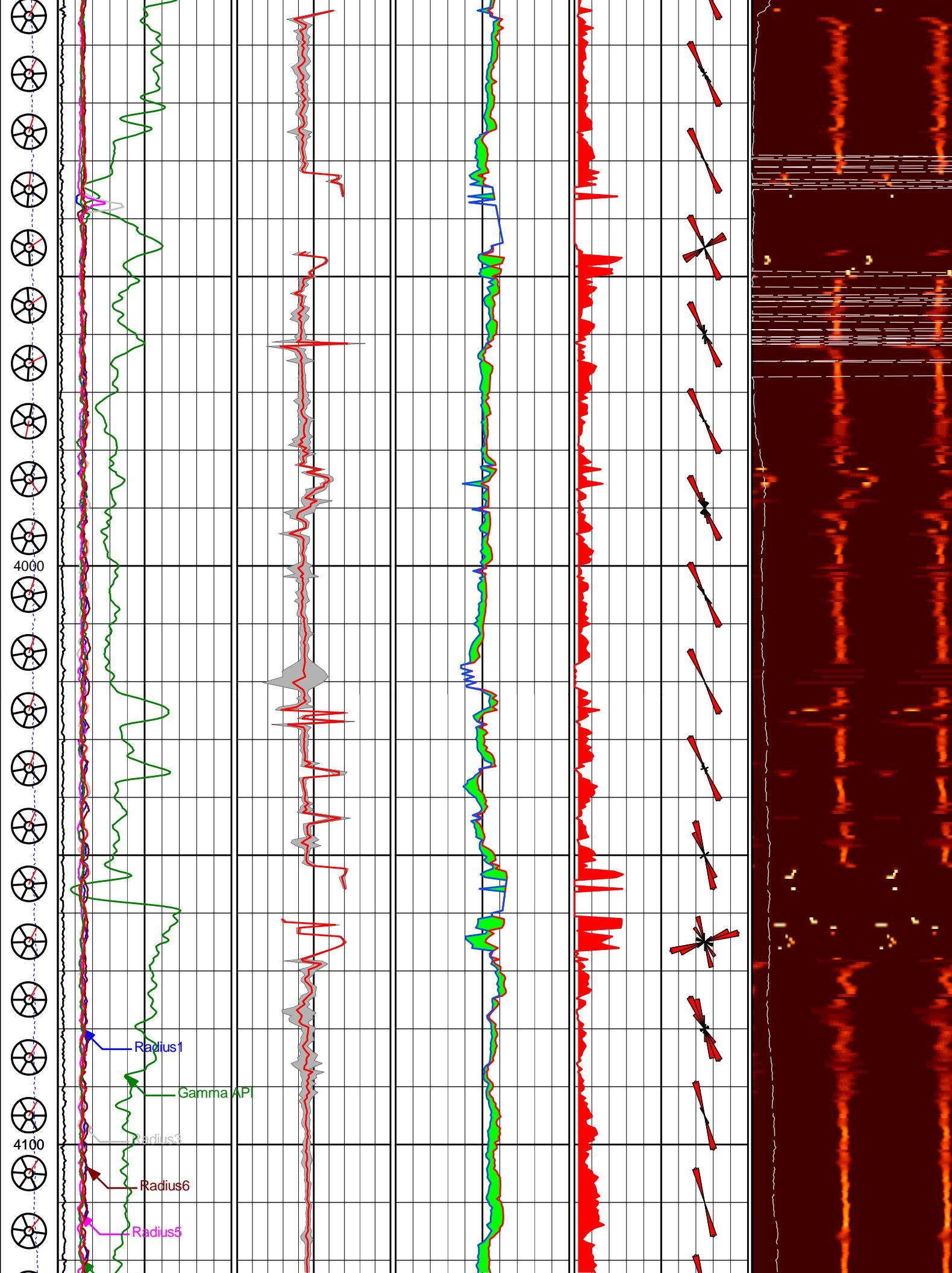


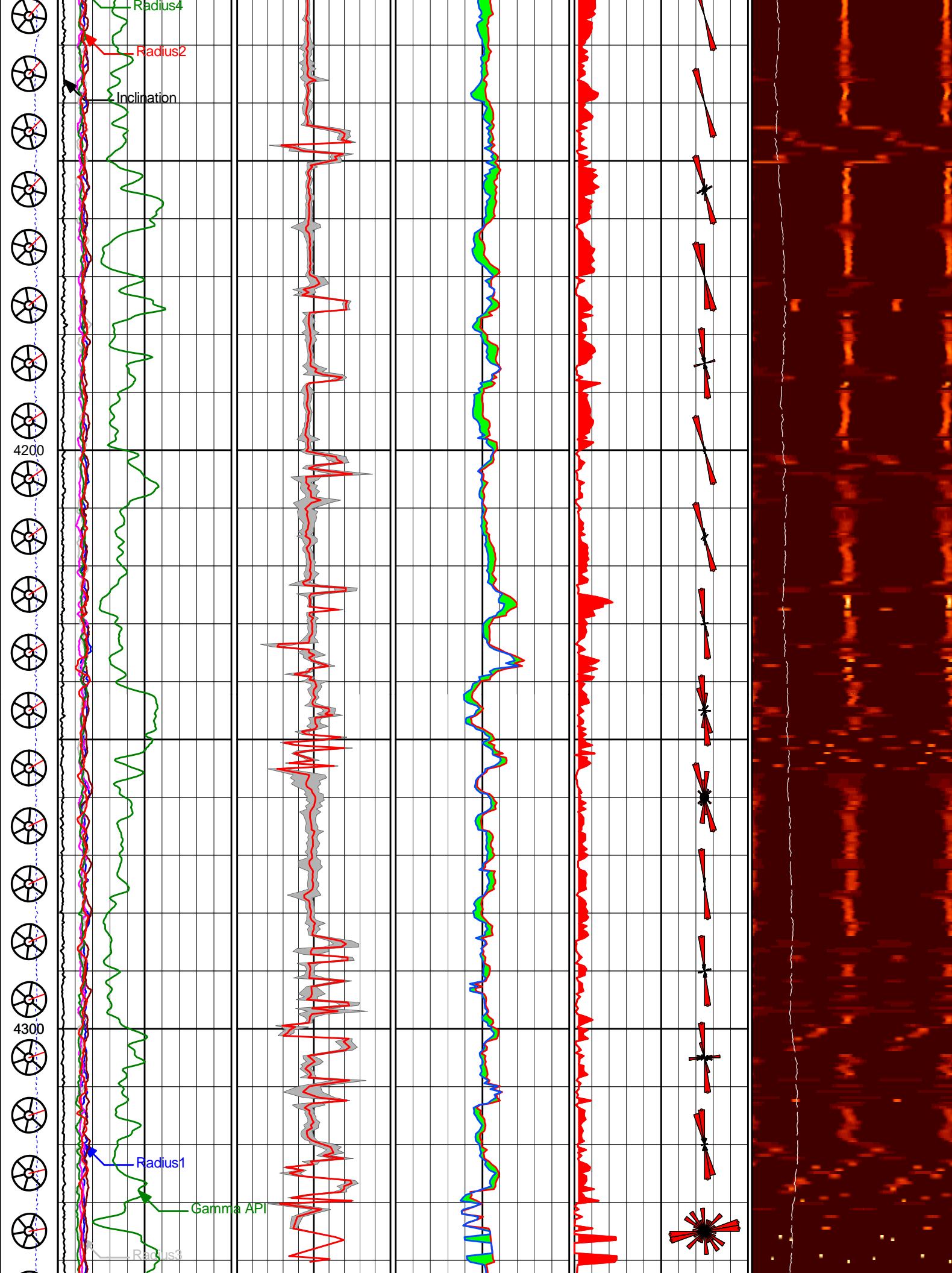


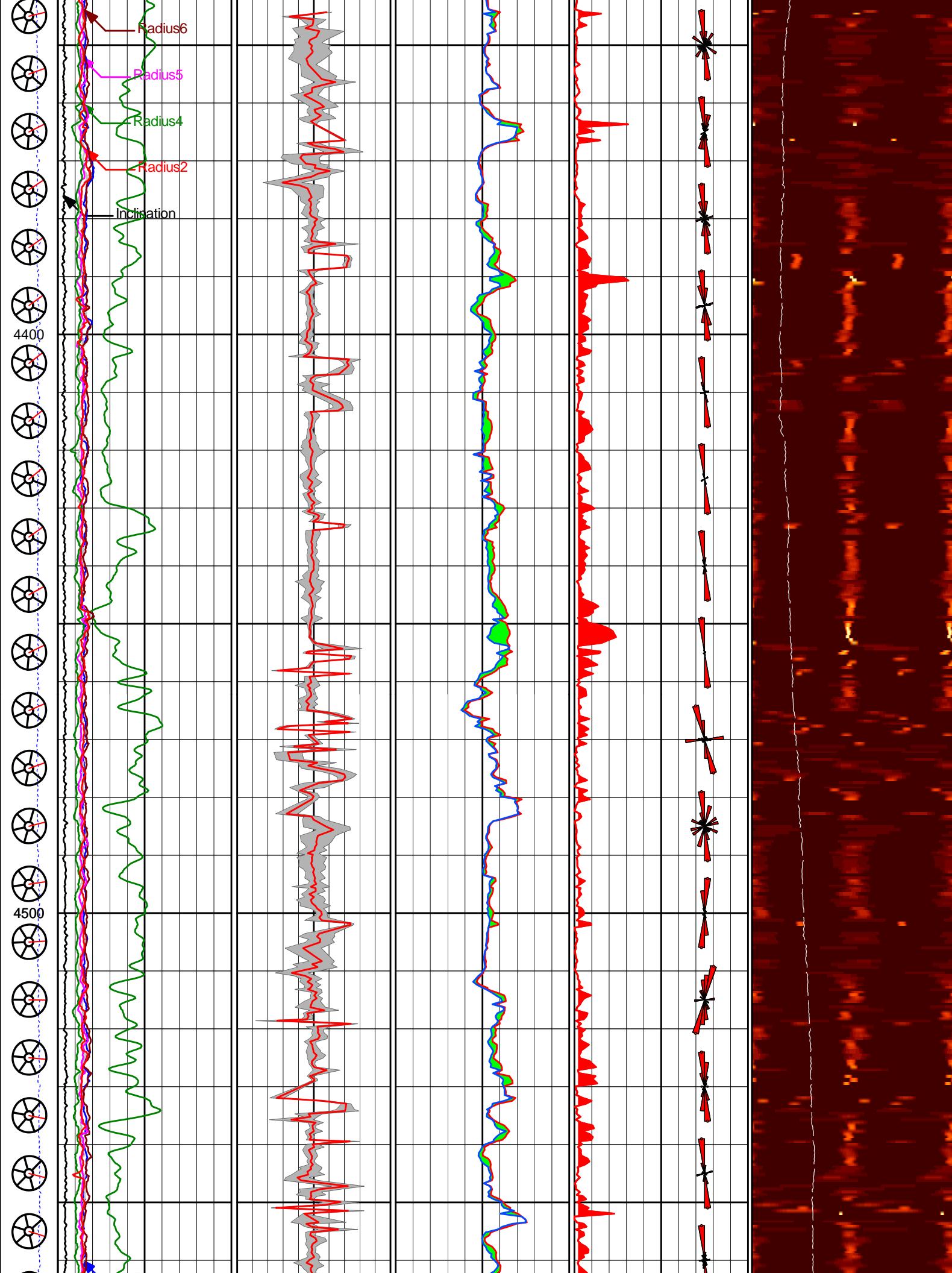


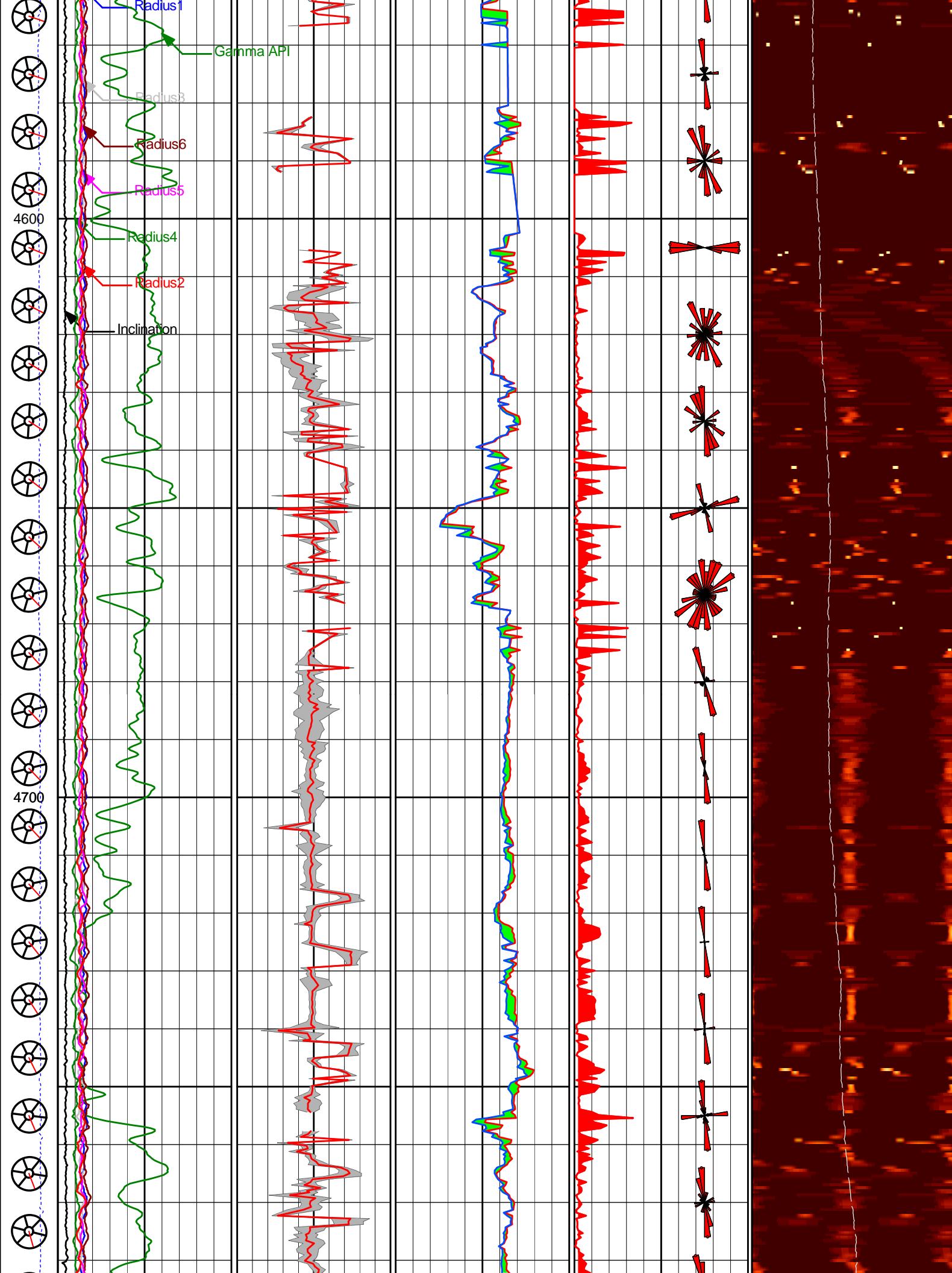


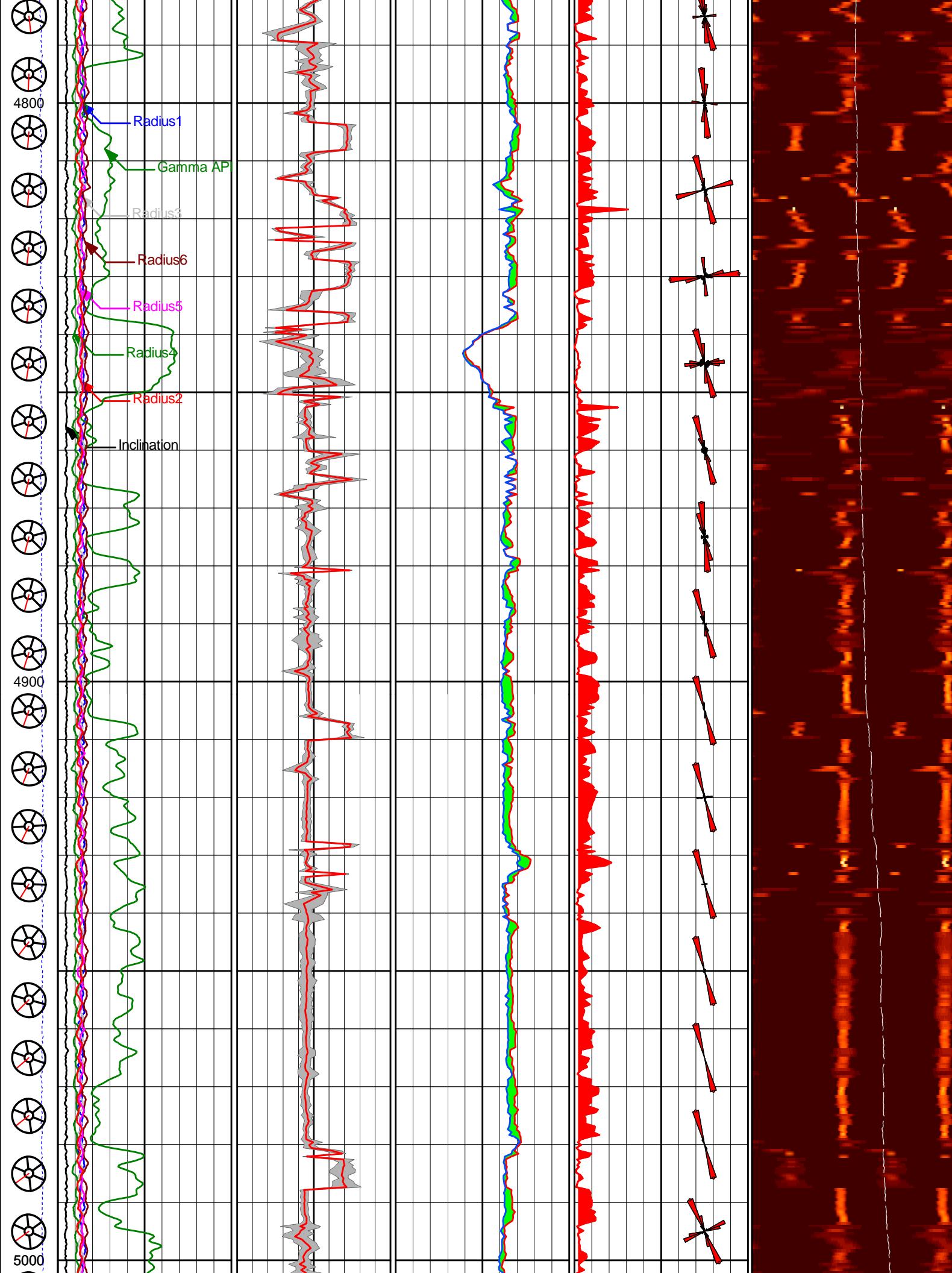


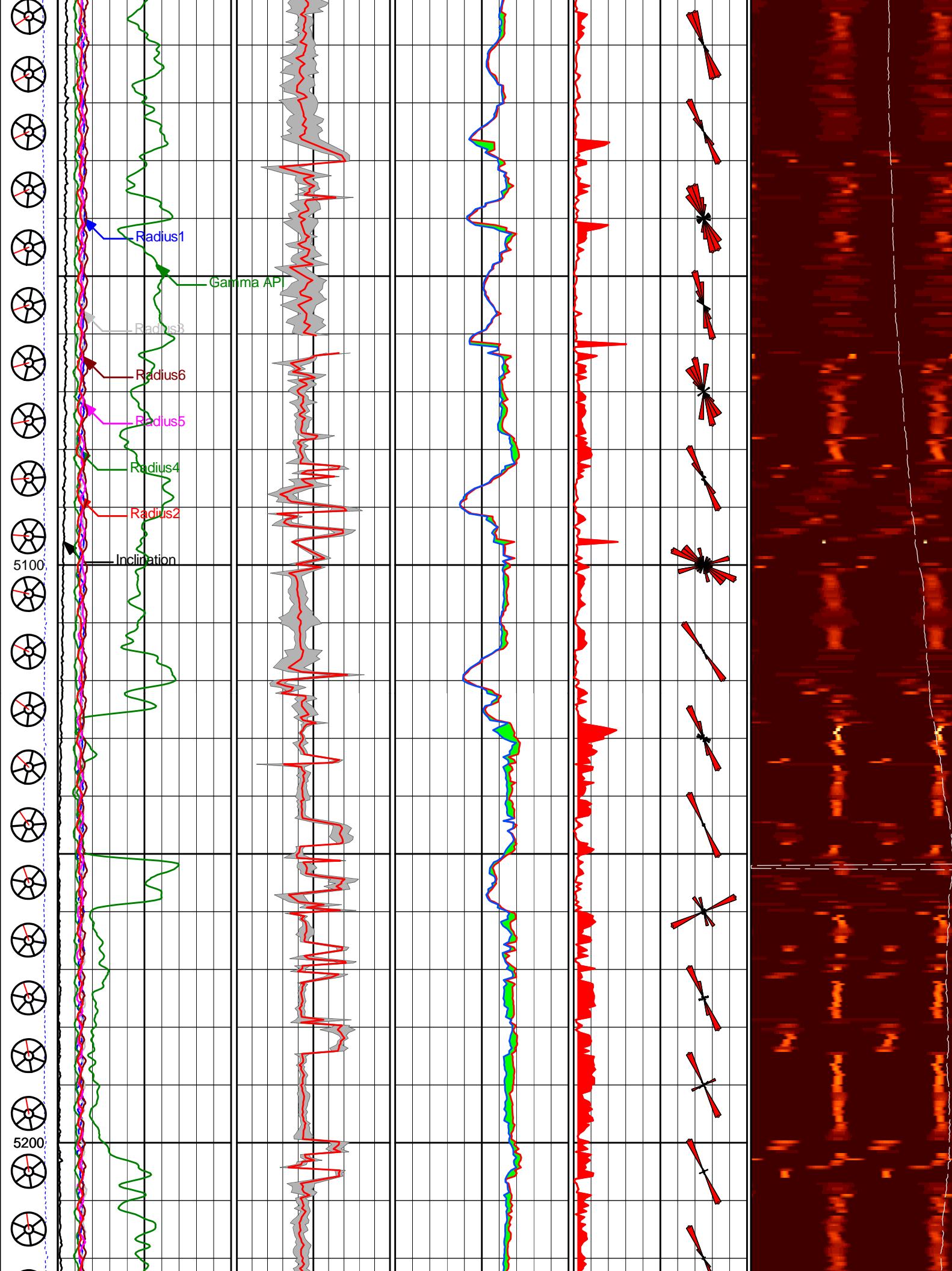


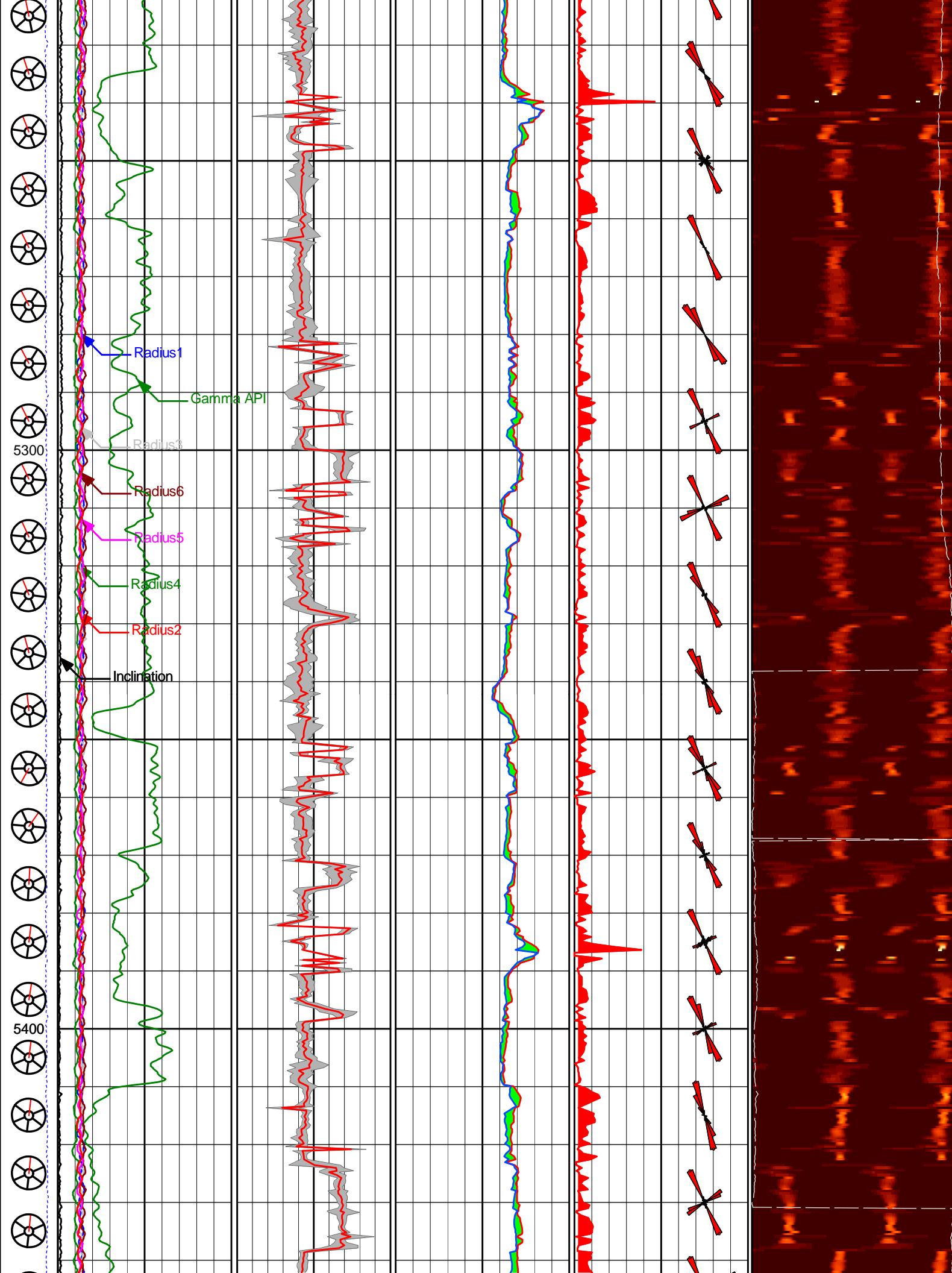


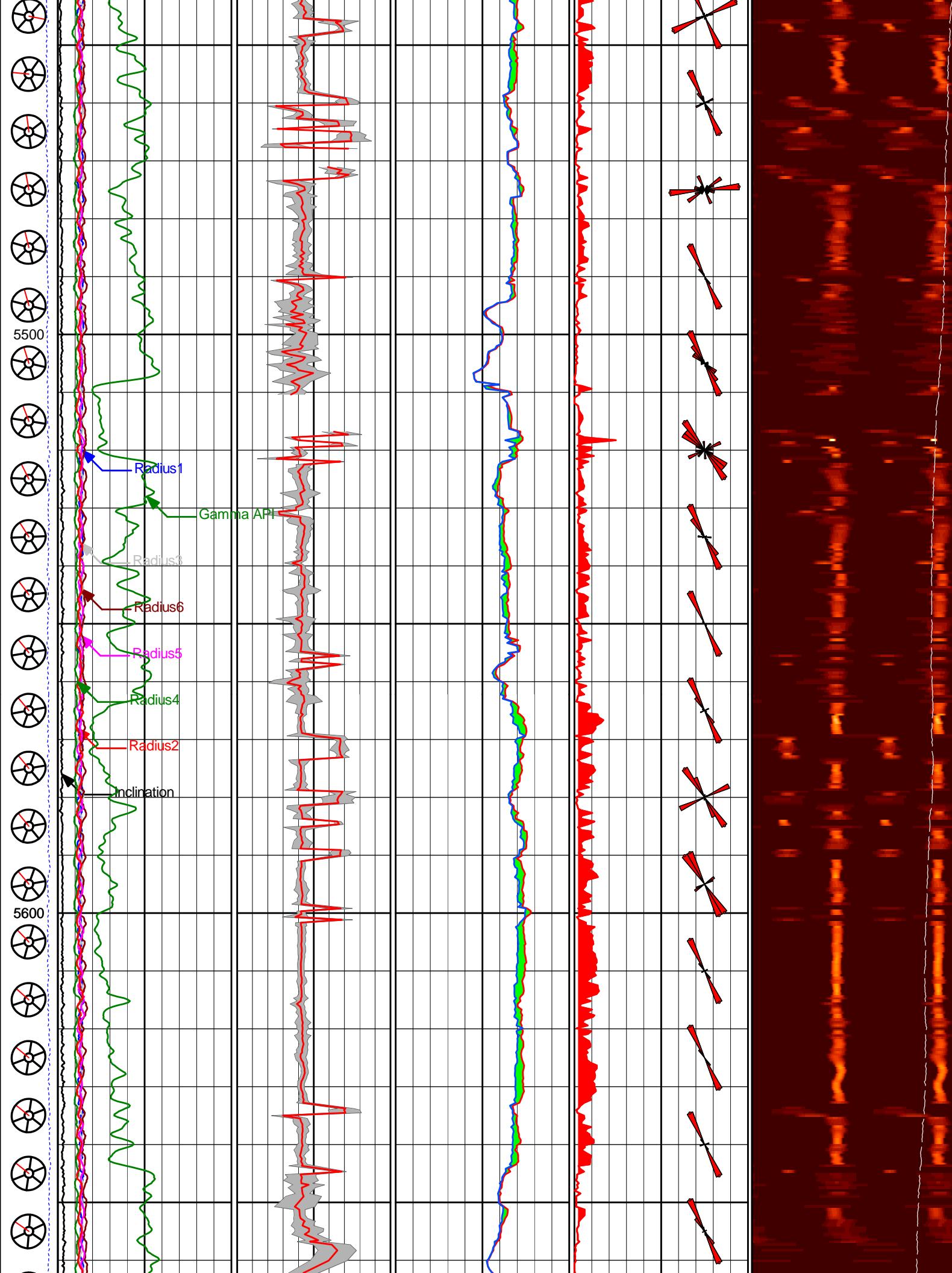


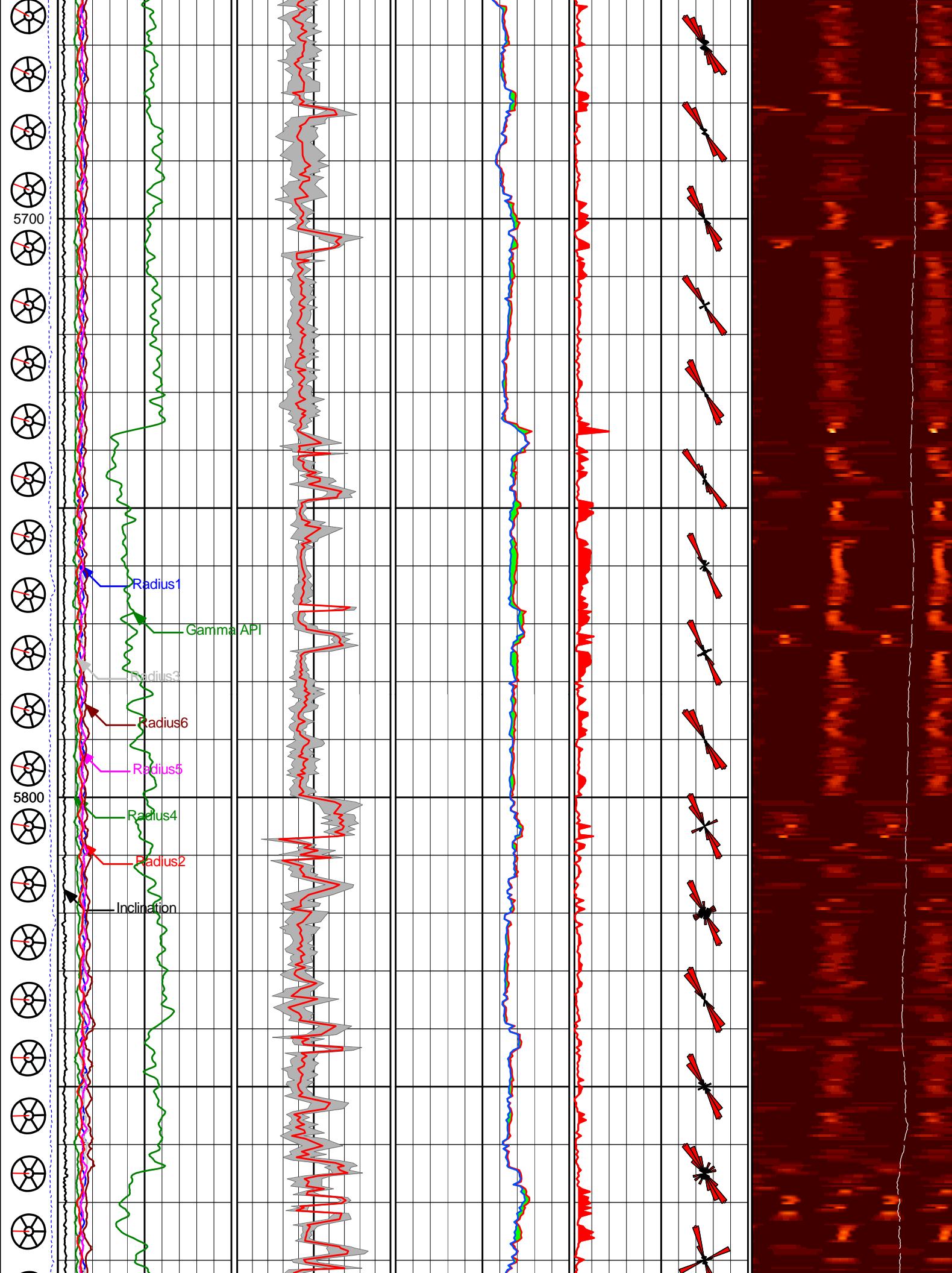


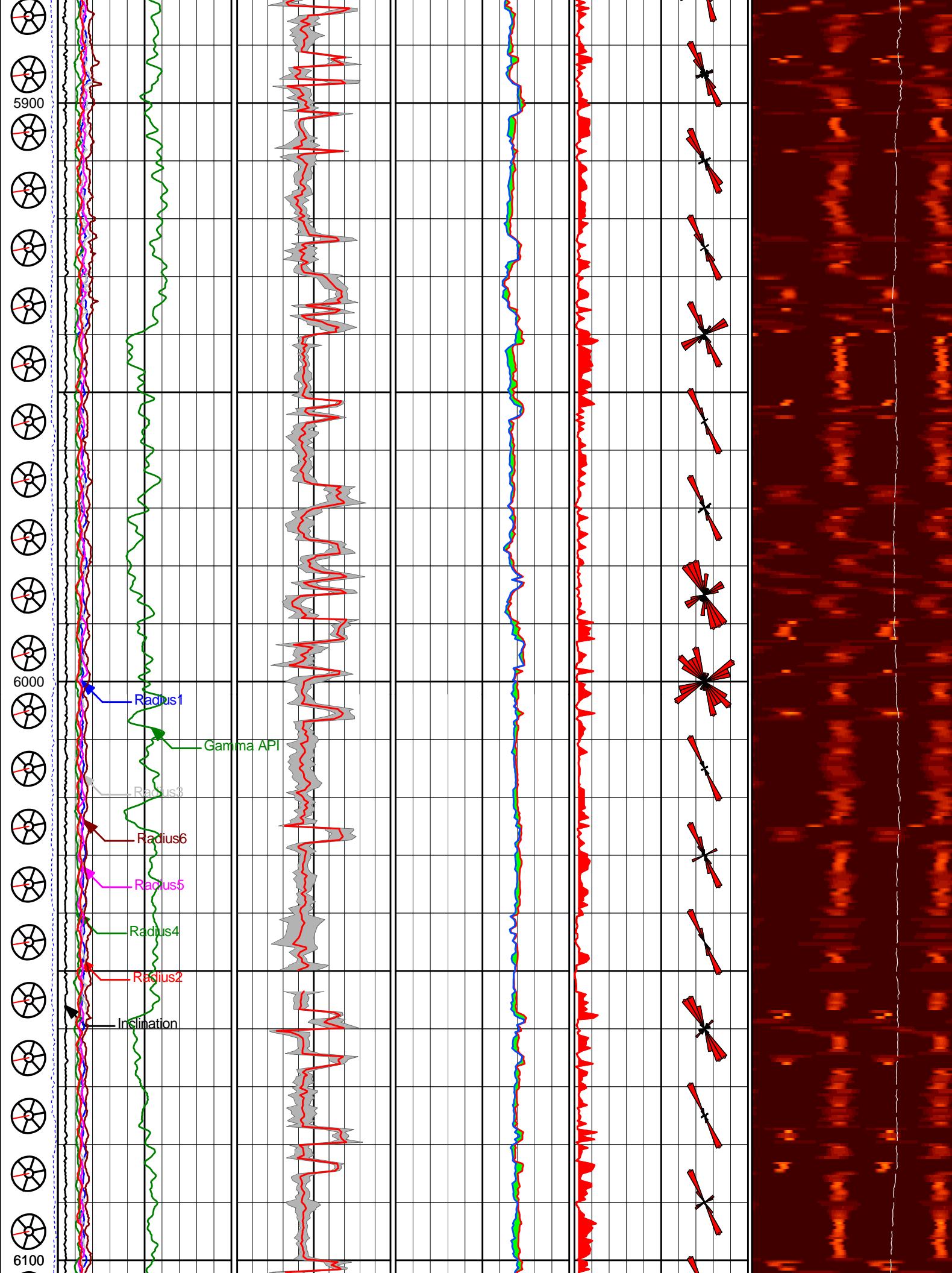


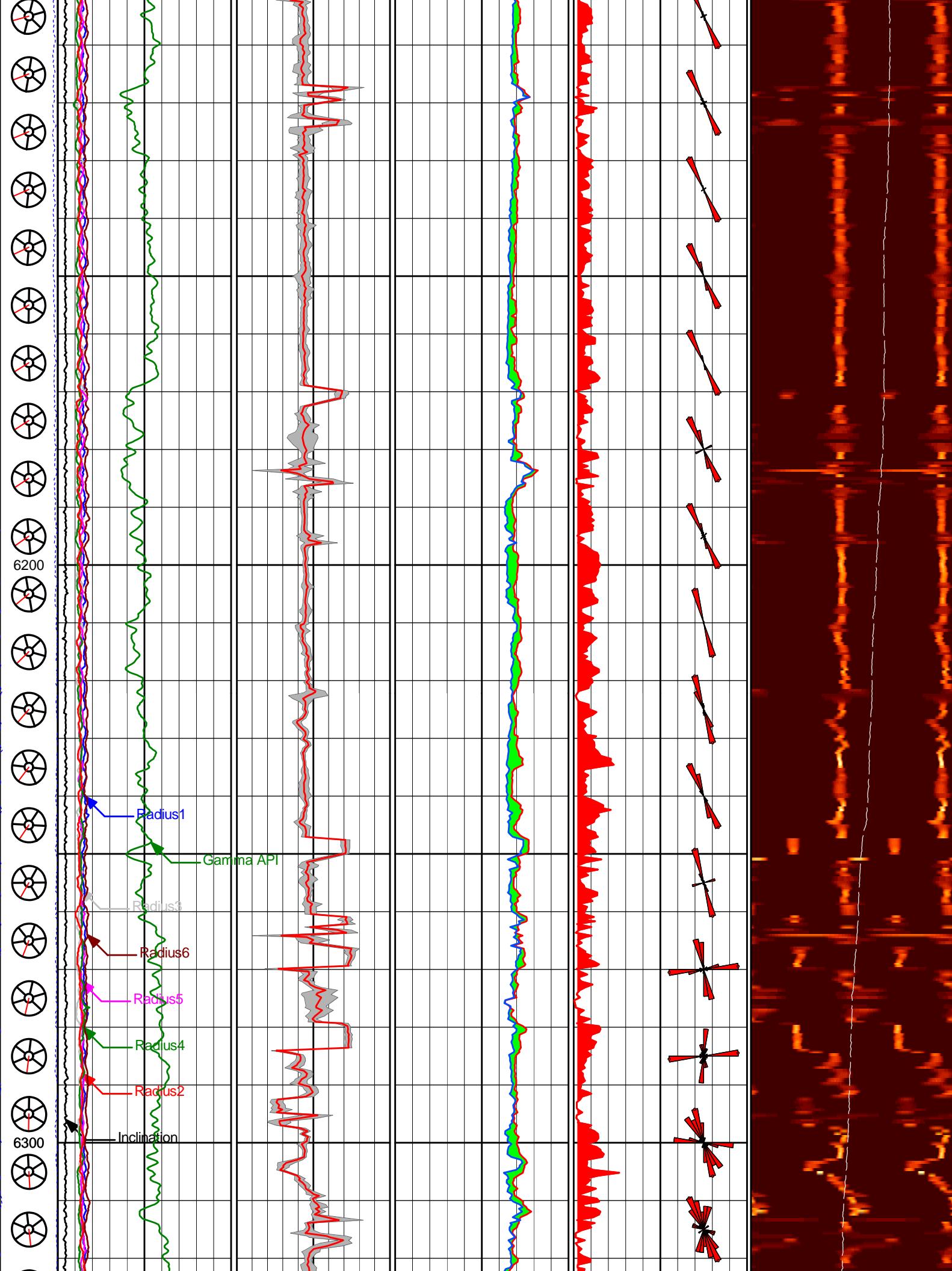


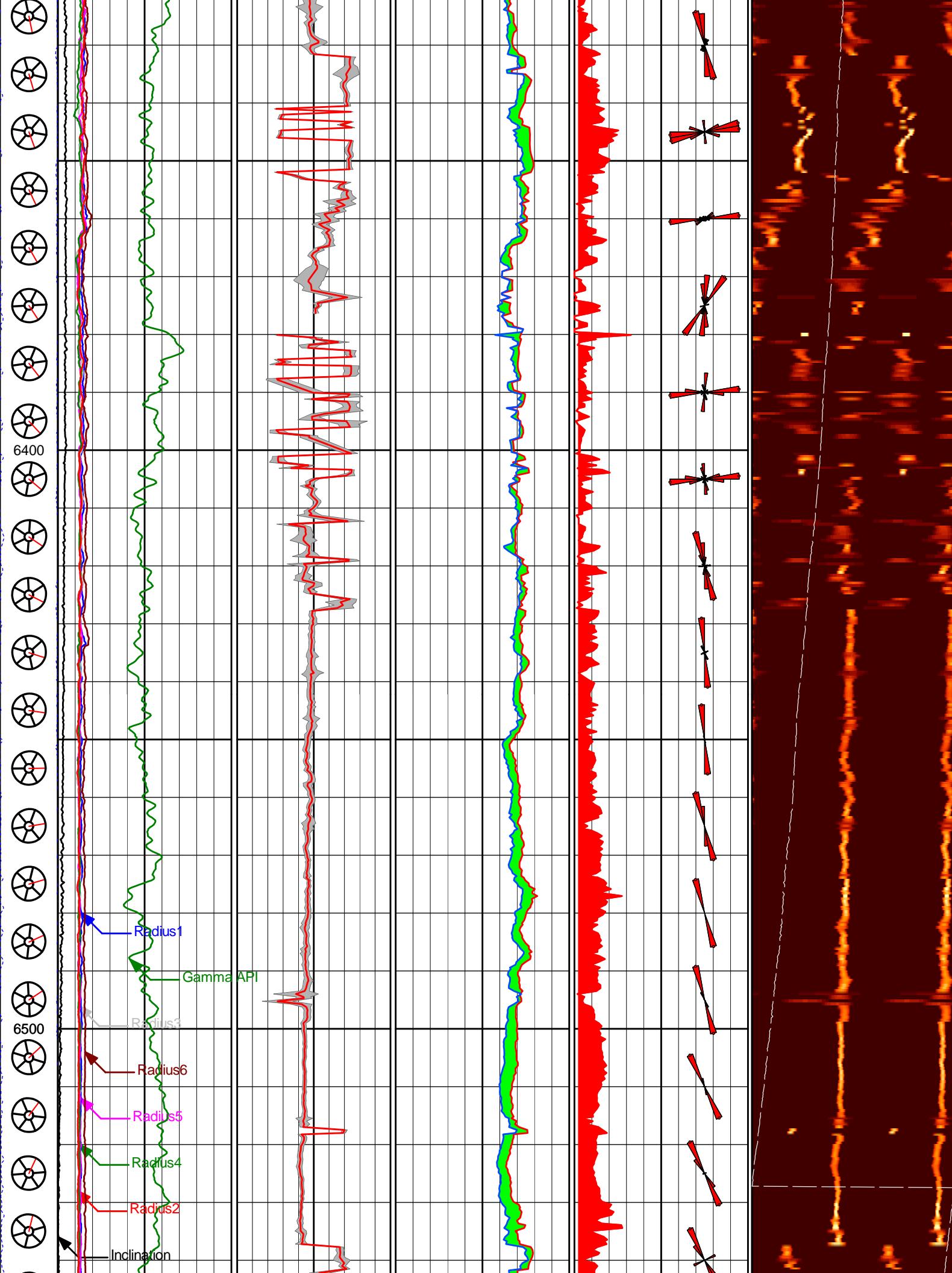


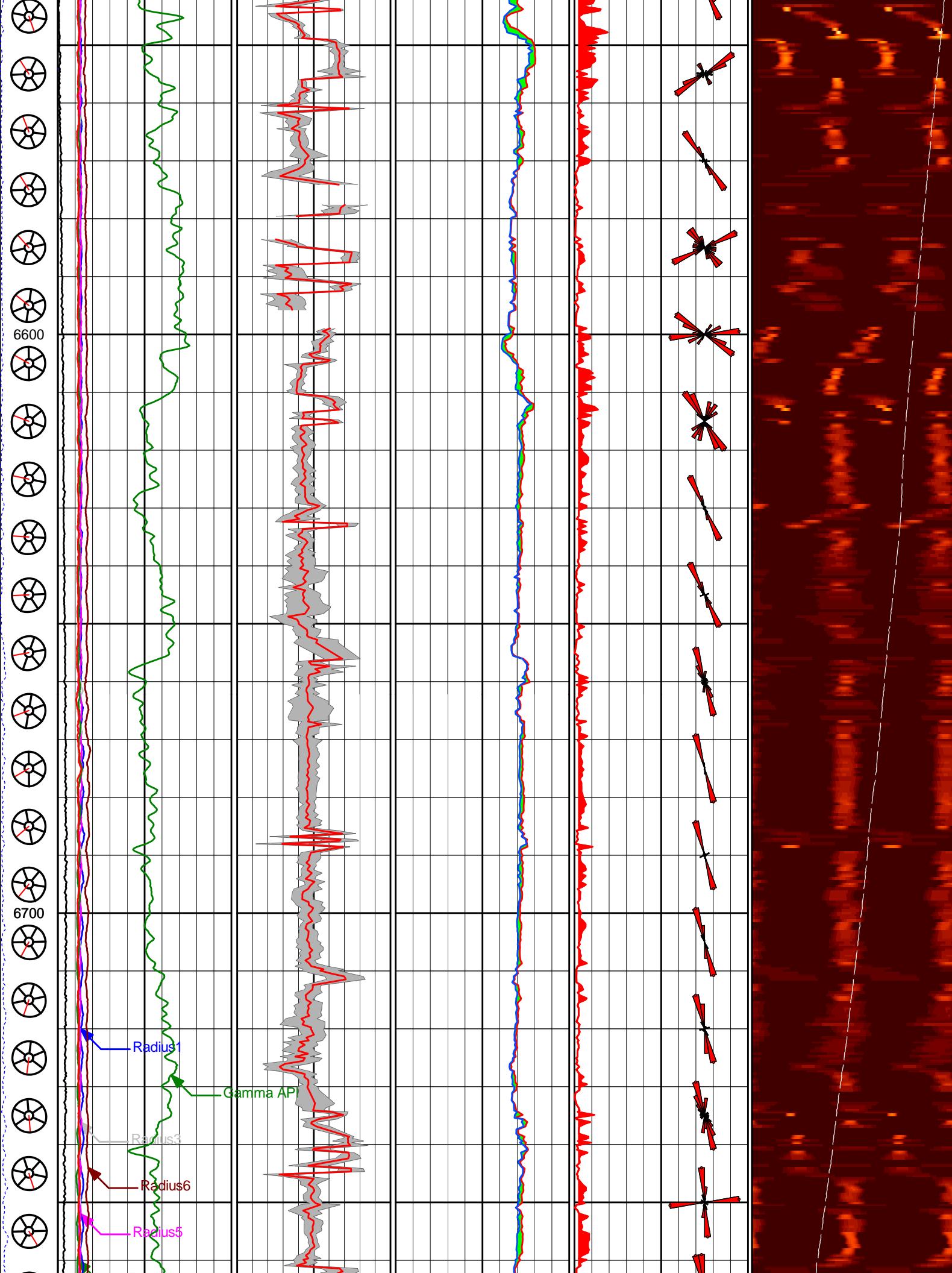


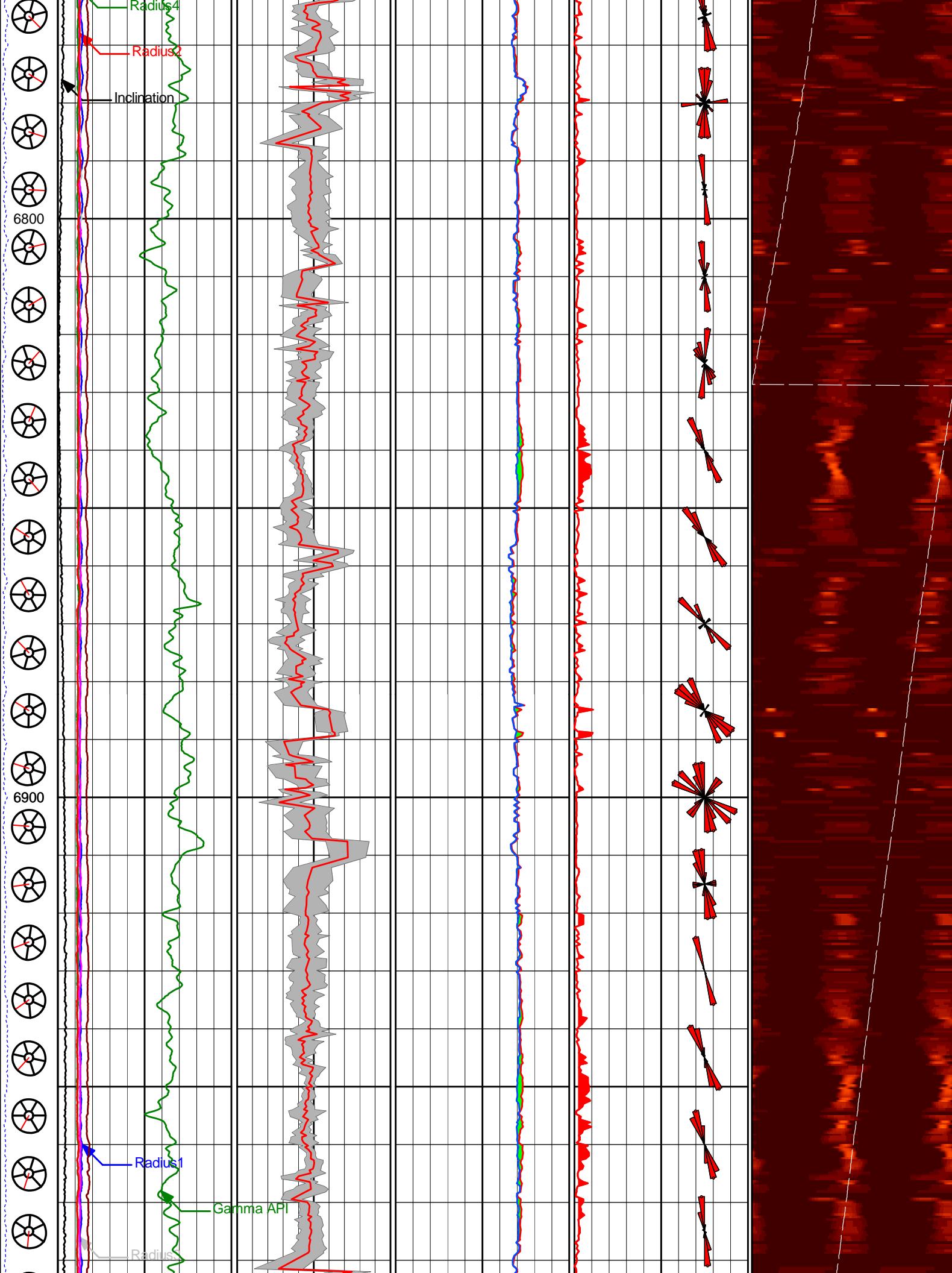


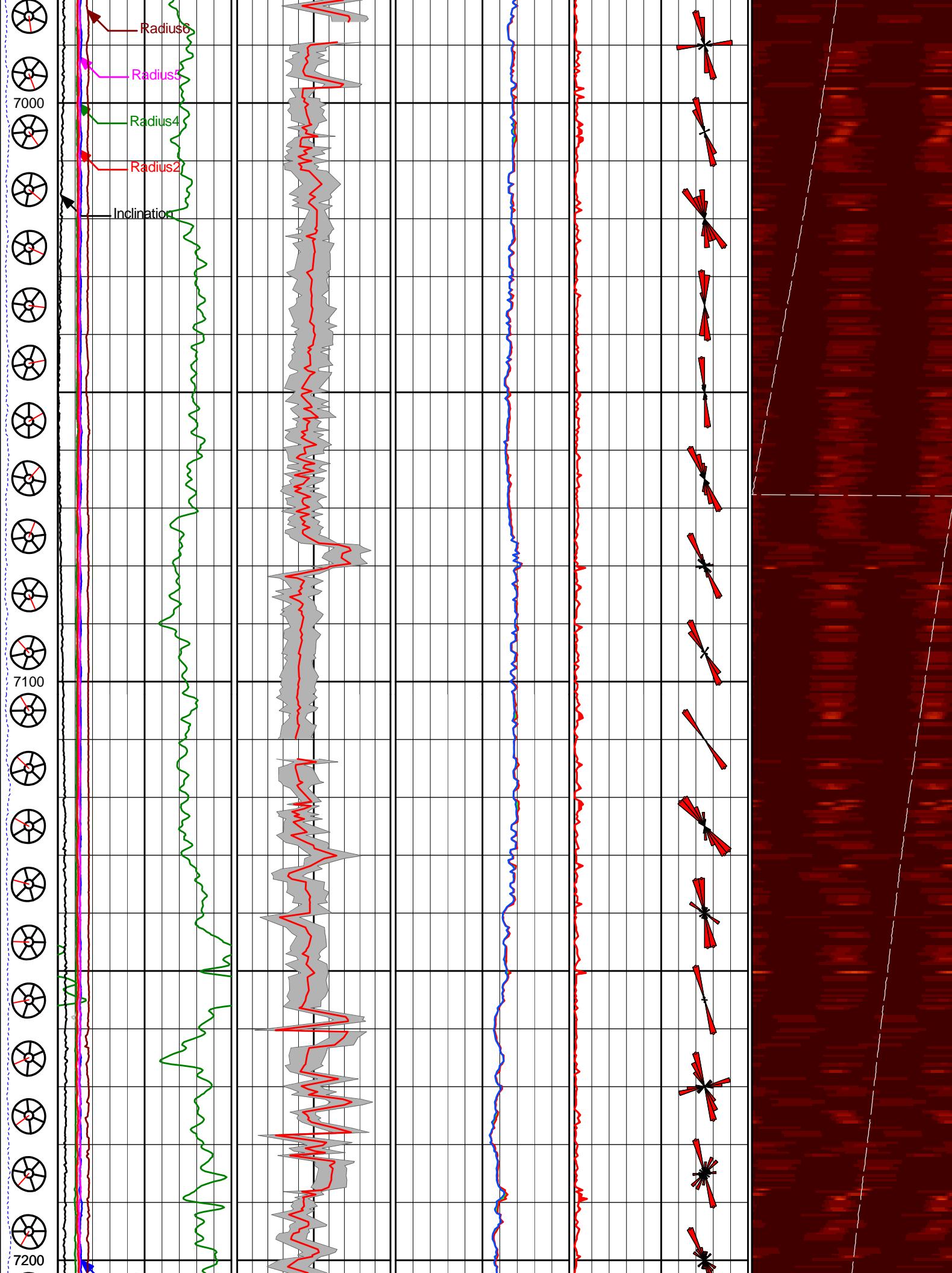


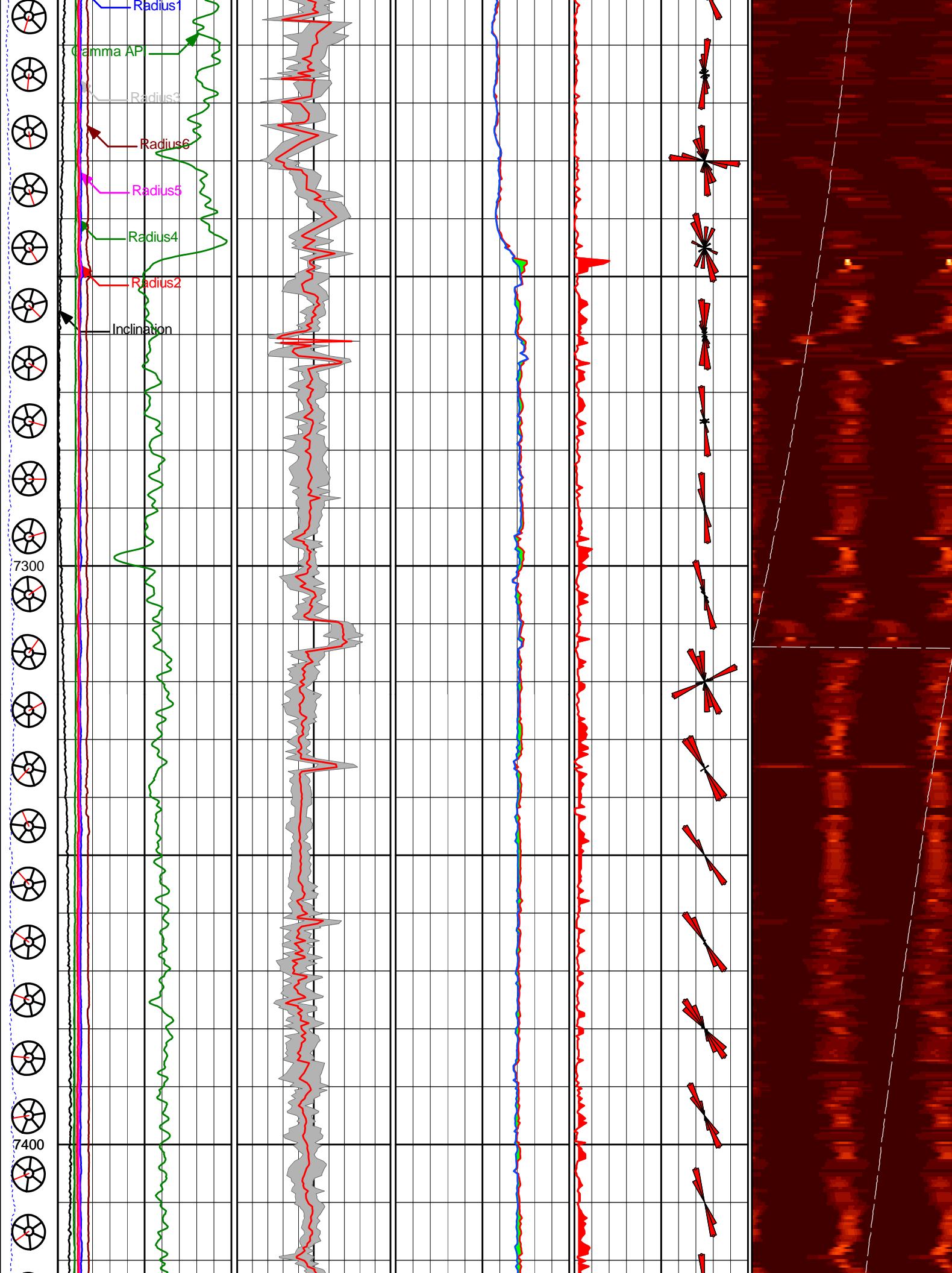


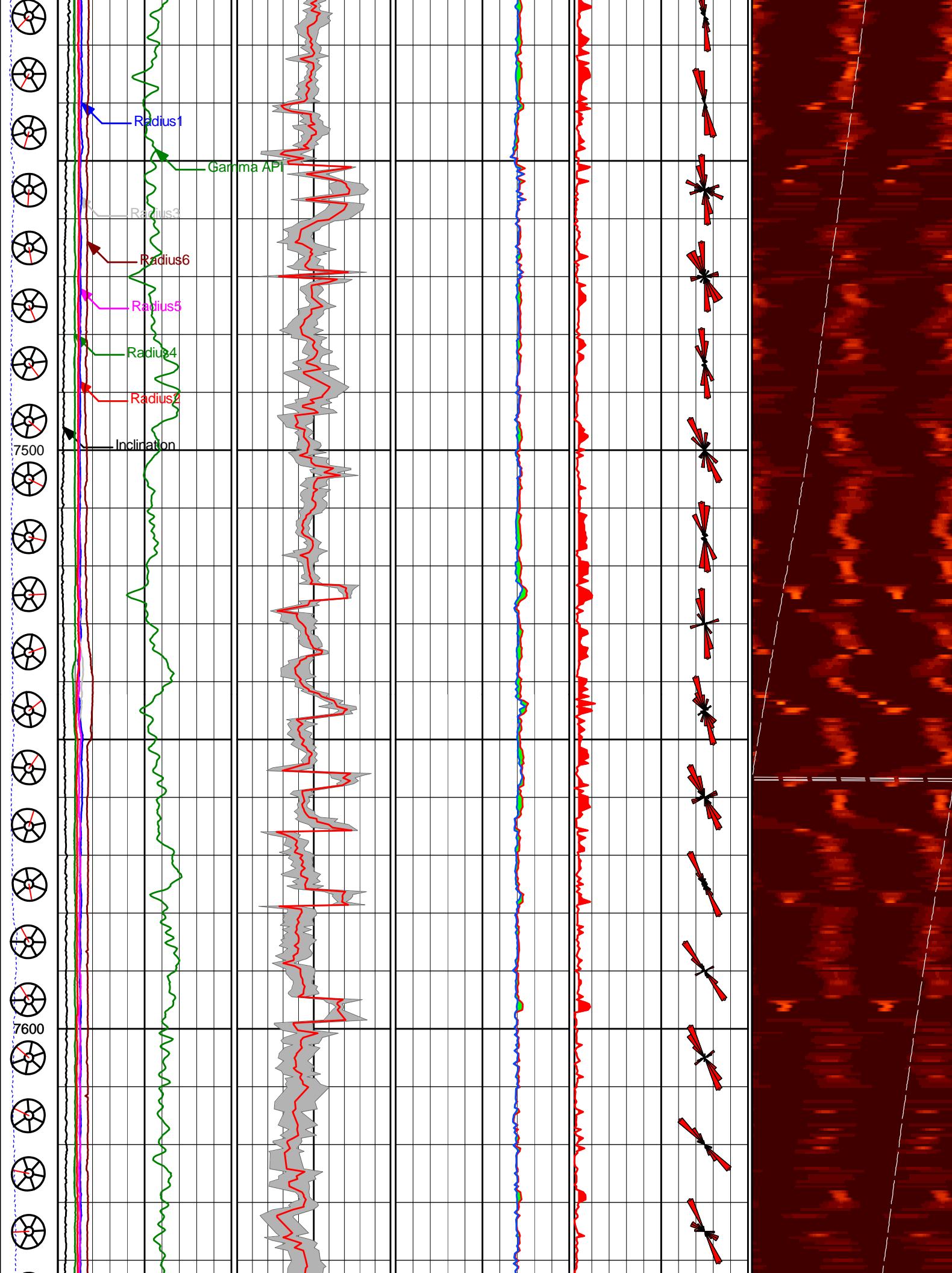


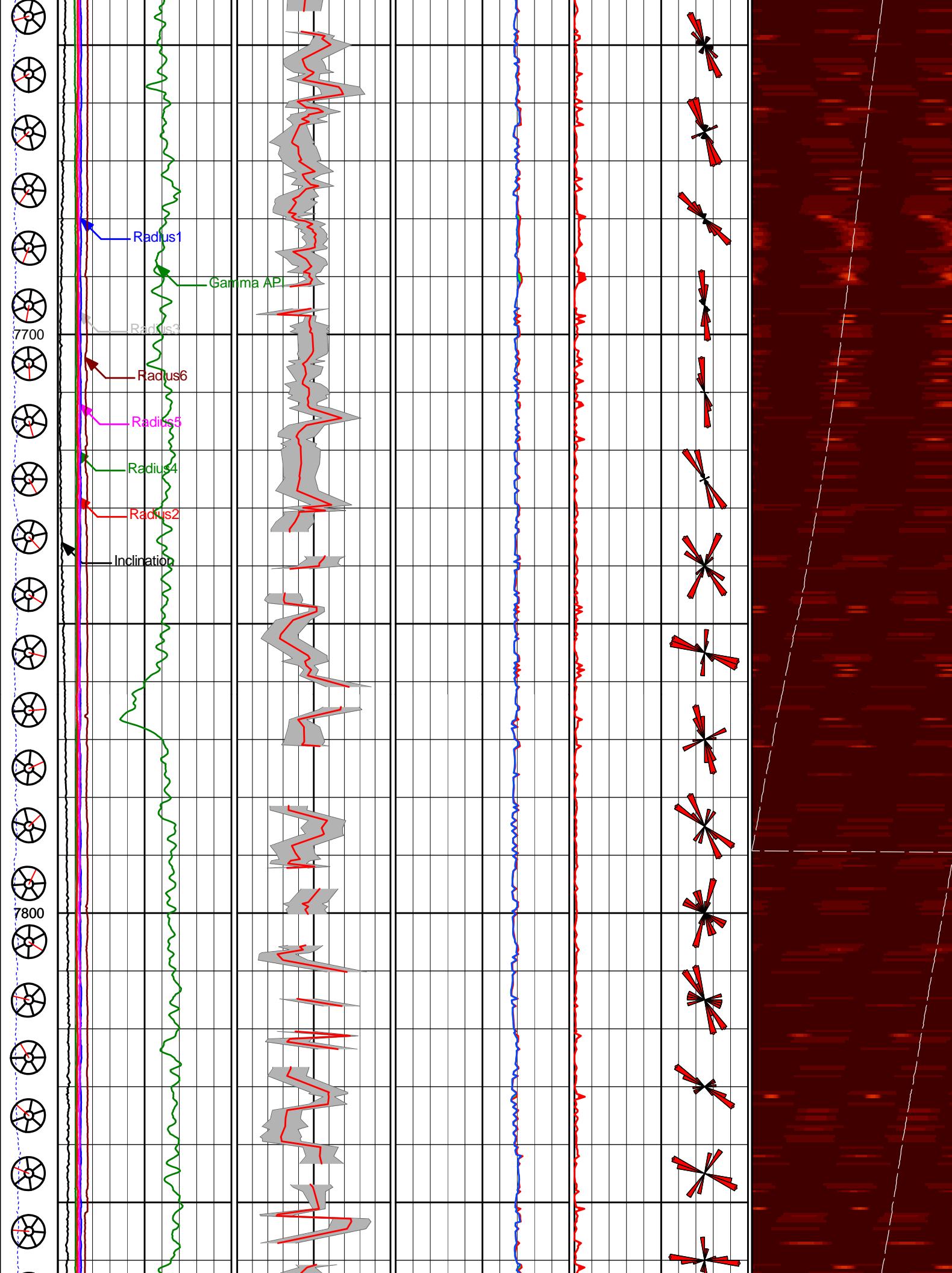


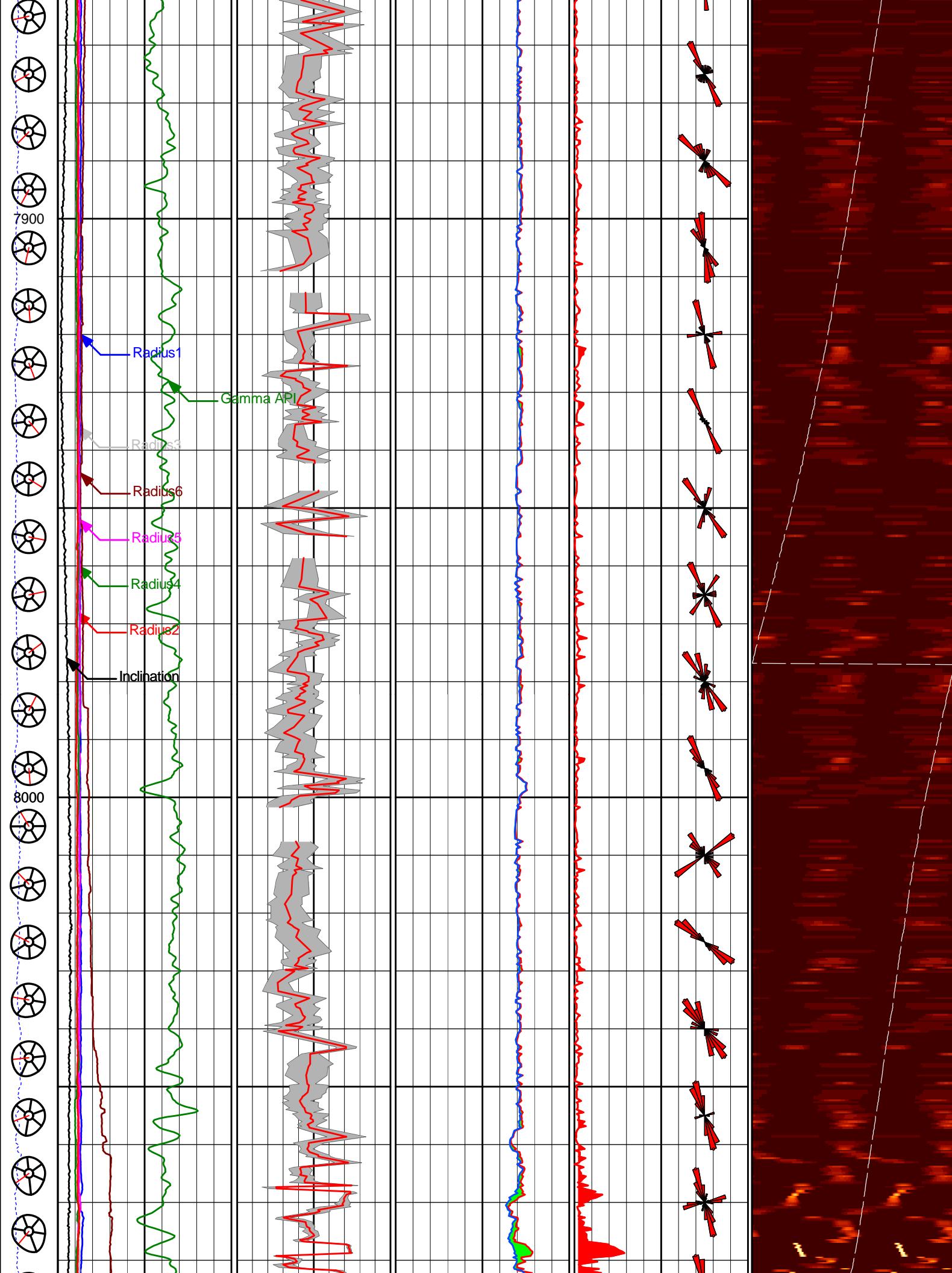


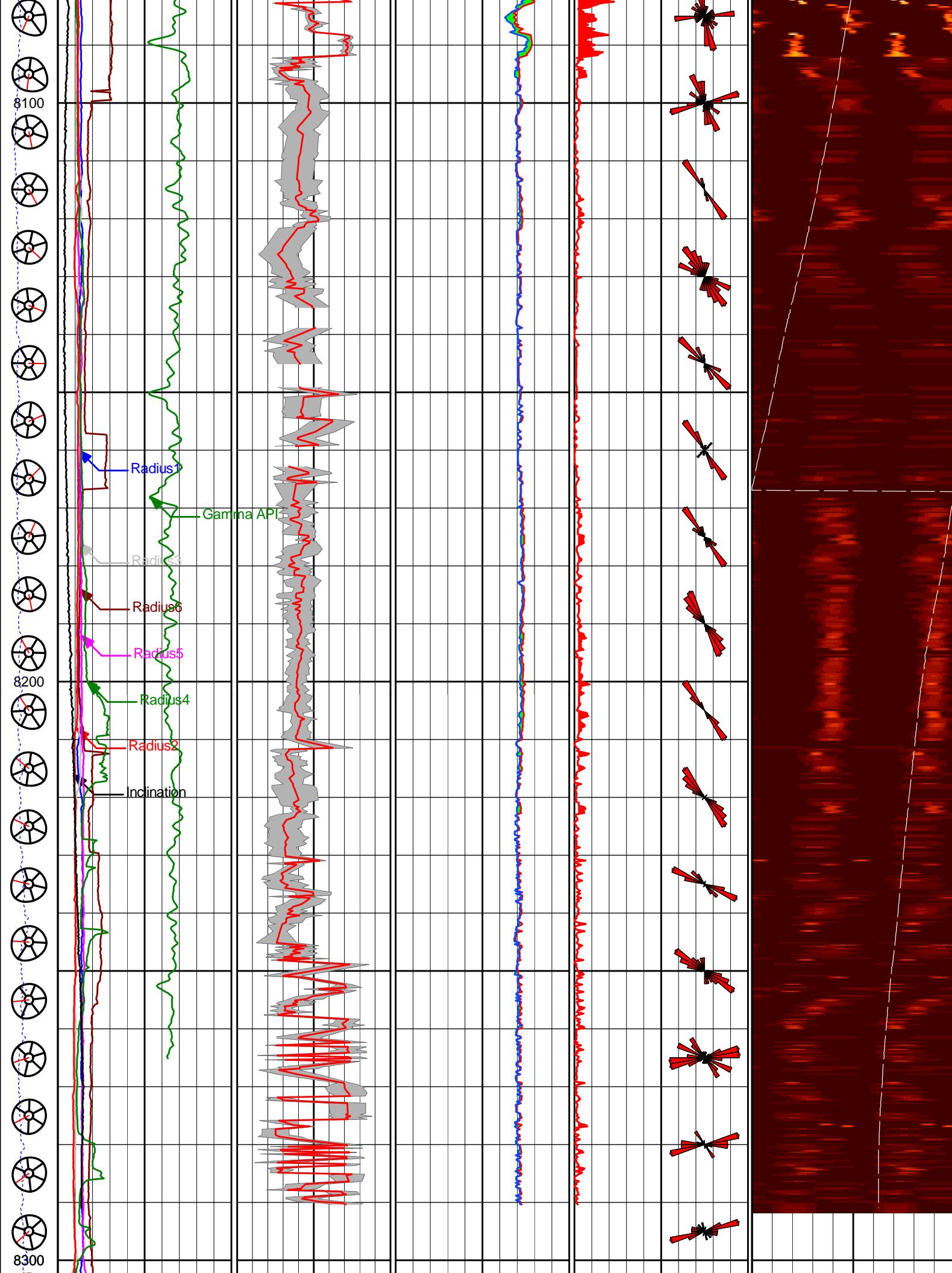


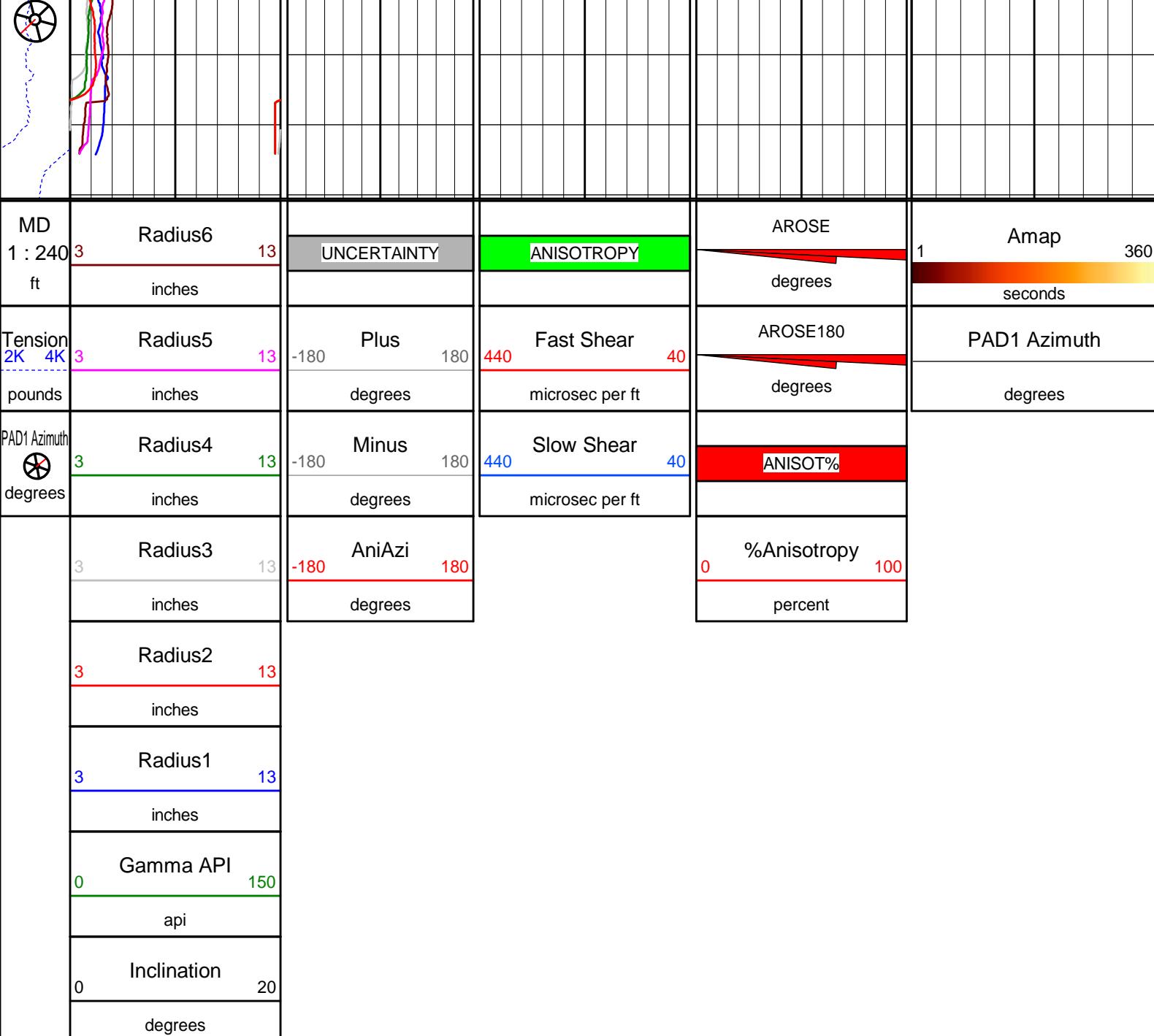












HALLIBURTON

Plot Time: 26-Jul-12 13:16:41
 Plot Range: 2489 ft to 8330.54 ft
 Data: GB_ALCOR_#1***
 Plot File: \\-LOCAL\\GB_ALCOR_#1\\0002 WAVE-OMRI\\Anisotropy\\WSTT_Anisot_FRS

COMPANY	GREAT BEAR PETROLEUM		
WELL	ALCOR #1		
FIELD	WILDCAT		
COUNTY	NORTH SLOPE	STATE	ALASKA
HALLIBURTON		WAVESONIC ANISOTROPY ANALYSIS	