



ENDEAVOUR GEOPHYSICS

## ENERGY INVESTMENTS

W75

COMPOSITE

1:100

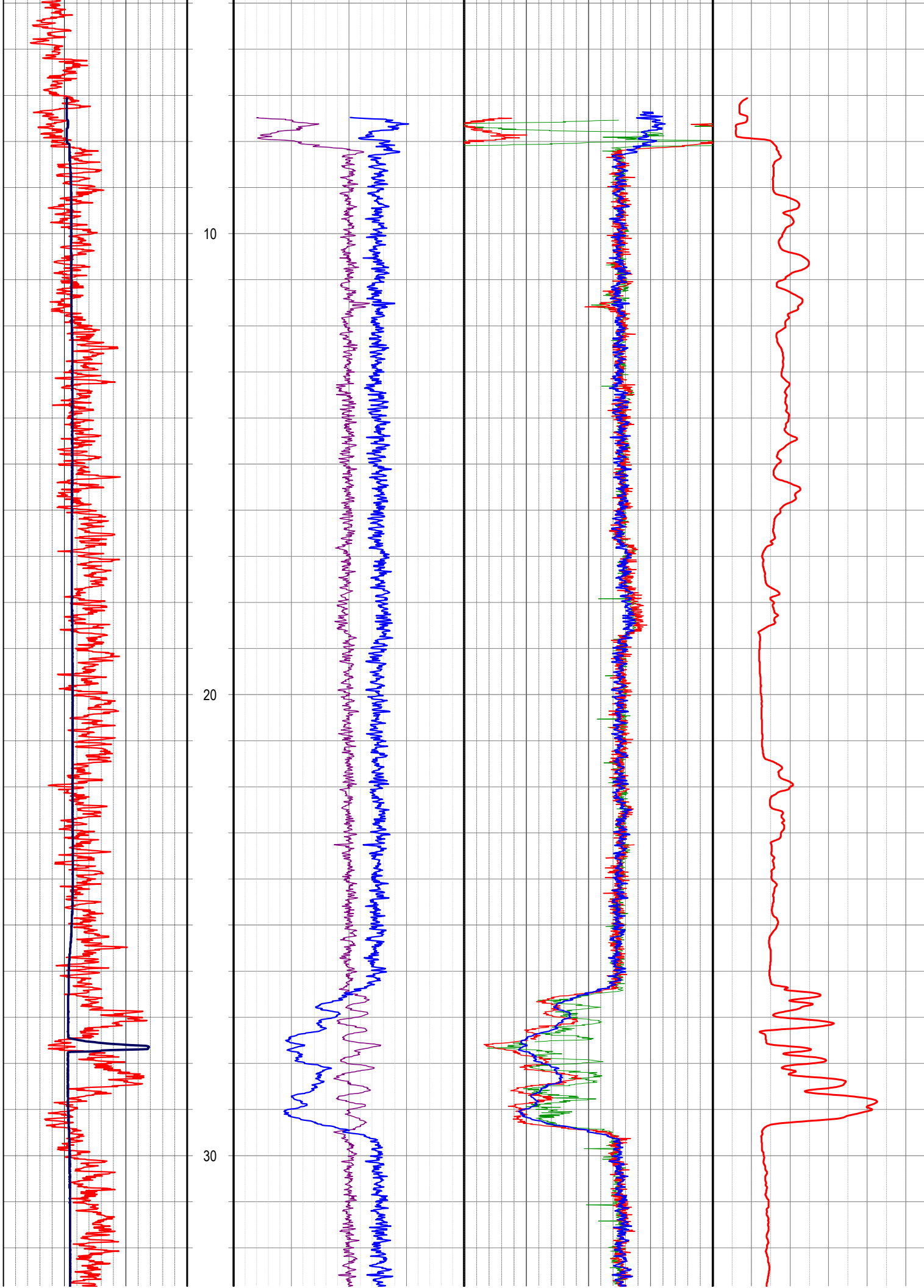
LOCATION		HOLE ATTRIBUTES				LOGGING DETAILS			
LOCATION	WOODBURY	DATE	20/06/2014			RECORDED BY	CALEB AMES		
EL	65/2007 TUNBRIDGE	FLUID LEVEL	m			WITNESSED BY	ROWENA MURCOTT		
PROVINCE		FLUID TYPE	WATER			UNIT	EG25		
STATE	TASMANIA	DRILLED DEPTH	138 m			LOGGED DEPTH	138 m		
COUNTRY	AUSTRALIA	DATUM	GL			INT LOGGED	0-138 m		
LATI		DRILLING COMPANY	KMR DRILLING			LOGGING RUNS			
LONG		DRILLING RIG							
GEODETIC DATUM	MGA55	BOREHOLE RECORD				TOOL	ID	START	FINISH
COORD	GDA94	TYPE	SIZE	FROM m	TO m	FDS	817	138	0
EASTING	538095	DIAM	96mm	0	TD	MST	1	138	0
NORTHING	5329494								
ELEVATION	m								
SRVC	ENDEAVOUR GEOPHYSICS	CASING RECORD							
WEB	www.endeavourgeo.com	TYPE	SIZE	FROM m	TO m				
COMMENTS									

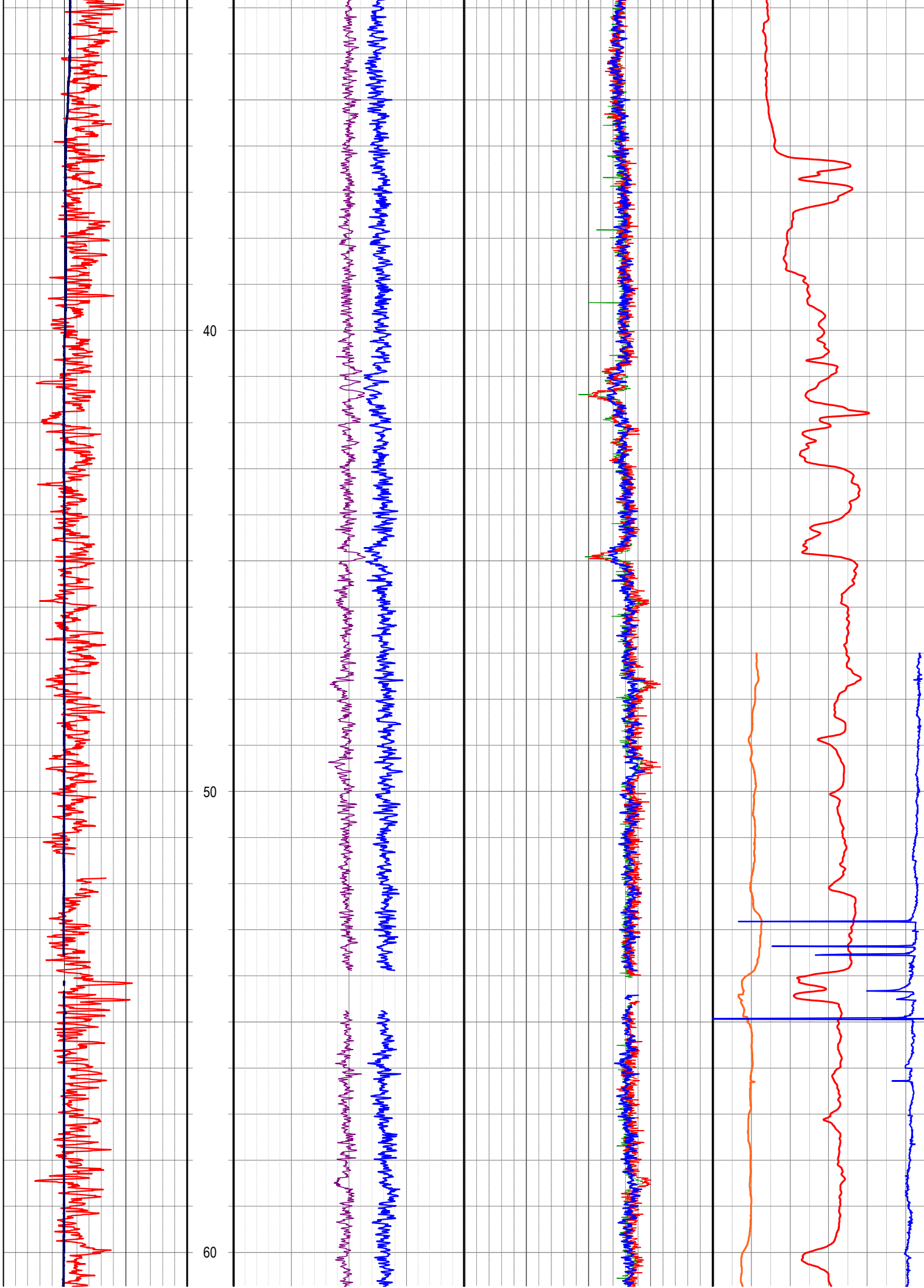
## FORMATION DENSITY - FDS50

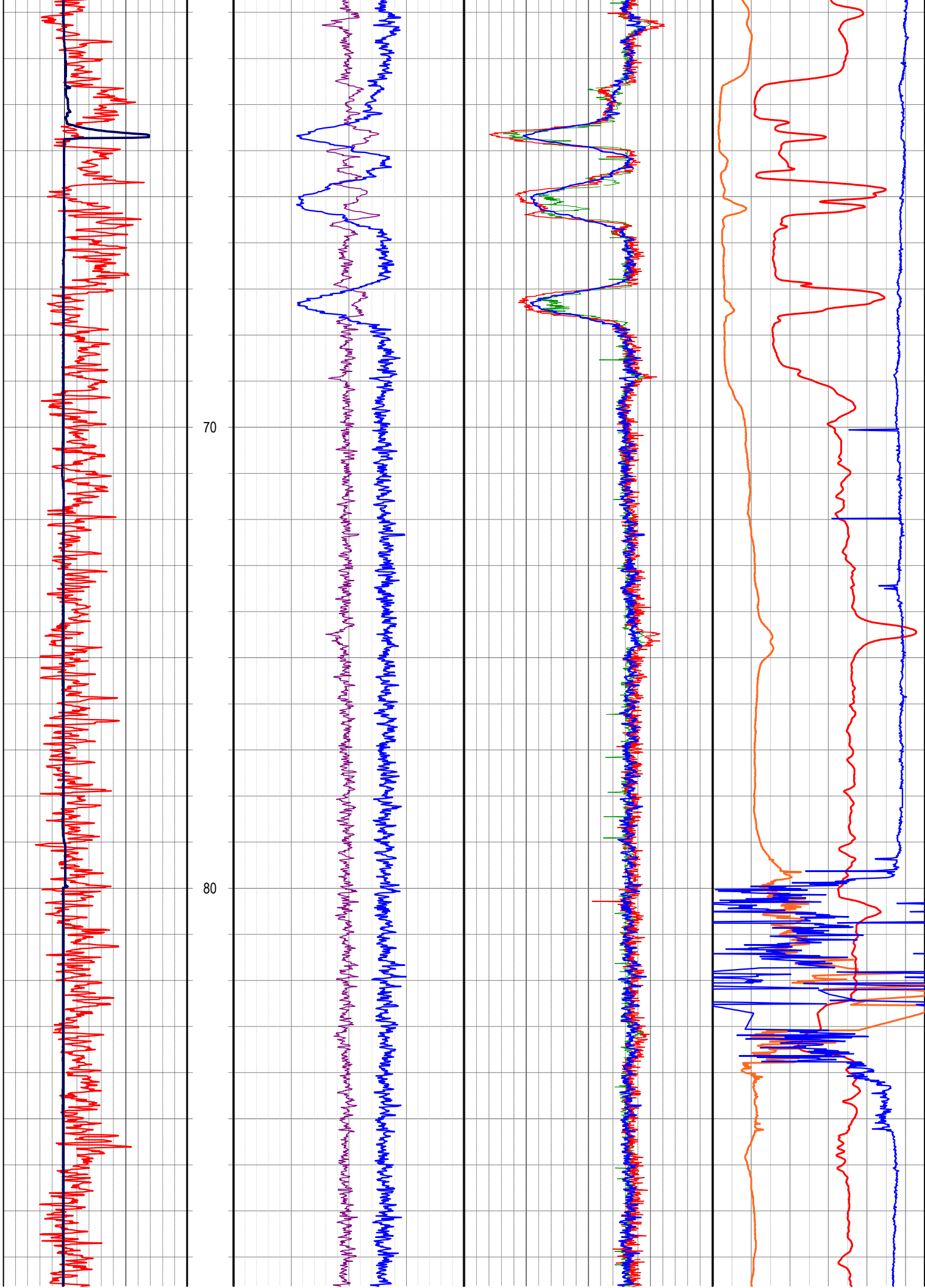


CALIBRATION		FDS_MNEUMONICS		ATTRIBUTES	
FDS_CALIBRATION_DATE	10/09/2013	GAMMA_RAW = Uncalibrated natural gamma raw counts LSD_RAW = Long Spaced Density raw counts SSD_RAW = Short Spaced Density raw counts BRD_RAW = Bed Resolution Density raw counts CALI_RAW = Caliper raw counts		FDS_LENGTH	3145mm
FDS_MODEL	ALT FDS-50			FDS_DIAMETER	50mm
FDS_SERIAL_NO	061817			FDS_CALIPER_RANGE	50-300mm
FDS_SOURCE_NO	3500CO			FDS_LOGGING_SPEEDS	
FDS_SOURCE_TYPE	3.7GBq 137Cs				6m/min General
LSD_CAL	$-0.4311 * \ln(\text{RAW}) + 5.0823$	GRDEN = Calibrated Gamma - API Units LSD = Calibrated Long Spaced Density - g/cc SSD = Calibrated Short Spaced Density - g/cc BRD = Calibrated Bed Resolution Density - g/cc CALI = Calibrated Caliper - in mm RHOB = Bulk Density DPOR = Porosity from Density		FDS_RECEIVER_SPACING	
SSD_CAL	$-1.392 * \ln(\text{RAW}) + 15.54$				
BRD_CAL	$66 * 8 * \text{RAW}^2 - 1.16 * 3 * \text{RAW} + 30.20$				
FDS_GAMMA_CAL	$0.69488 * \text{RAW}$				48cm - LSD
FDS_CALIPER_CAL	$1.11937 * \text{RAW} + 28.344$				24cm - SSD
FDS_CAL_LOCATION	ADELAIDE PIT FACILITY-76mm				14cm - BRD
					63cm - Caliper

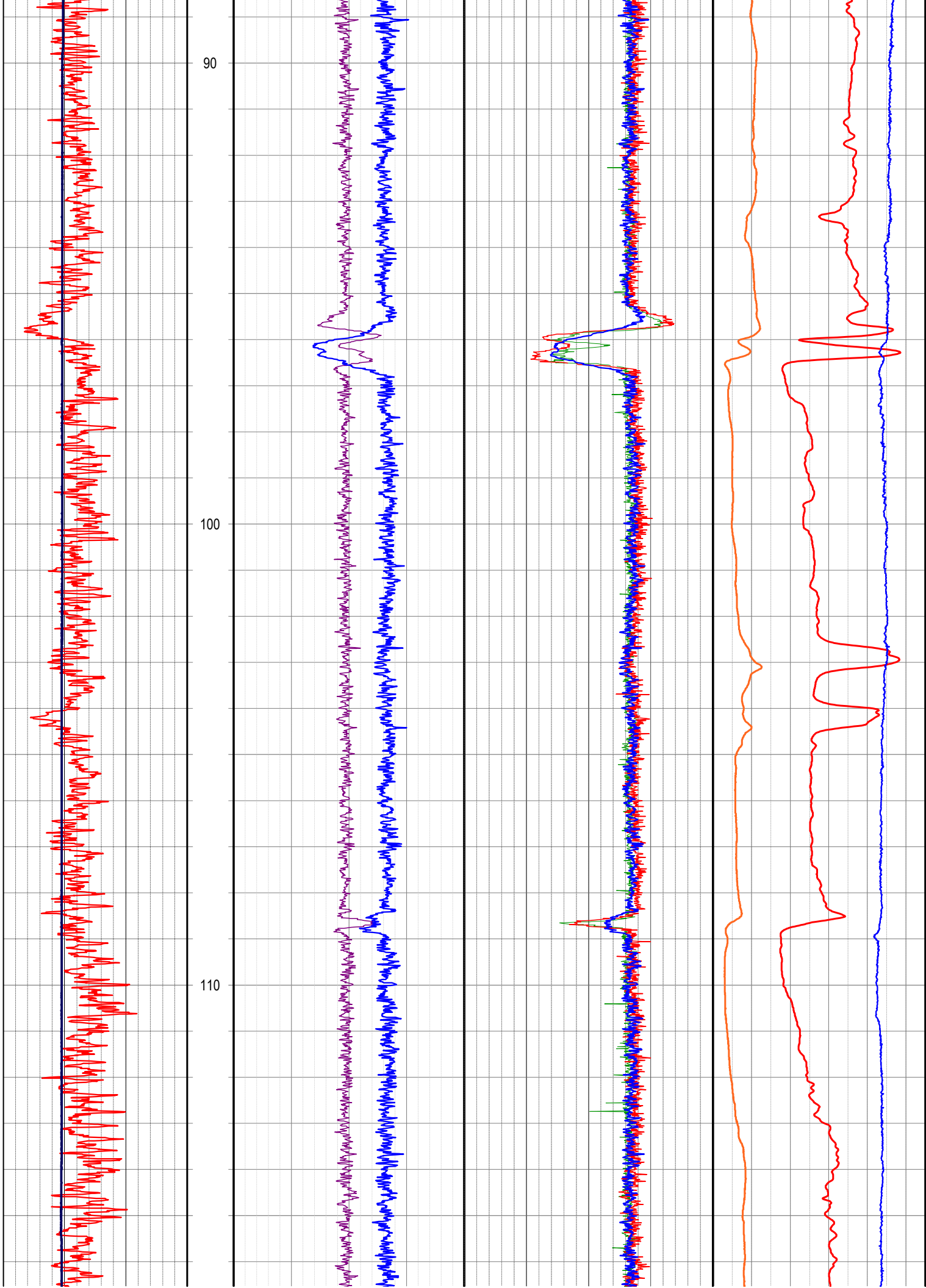
GRDEN Natural Gamma			Depth 1:100	DRHOB Differential Density			BRD Bed Resolution Density			16N 16" RESISTIVITY		
0	API	150		-0.4	G/CC	0.4	1	G/CC	3	0	ohm m2/m	400
CALI Caliper				RHOB Bulk Density			SSD Short Spaced Density			PR POINT RESISTIVITY		
50	mm	200		1	G/CC	3	1	G/CC	3	0	ohm	550
							LSD Long Spaced Density			SP SPONTANEOUS POTENTIAL		
						1	G/CC	3	-550	mV	-200	

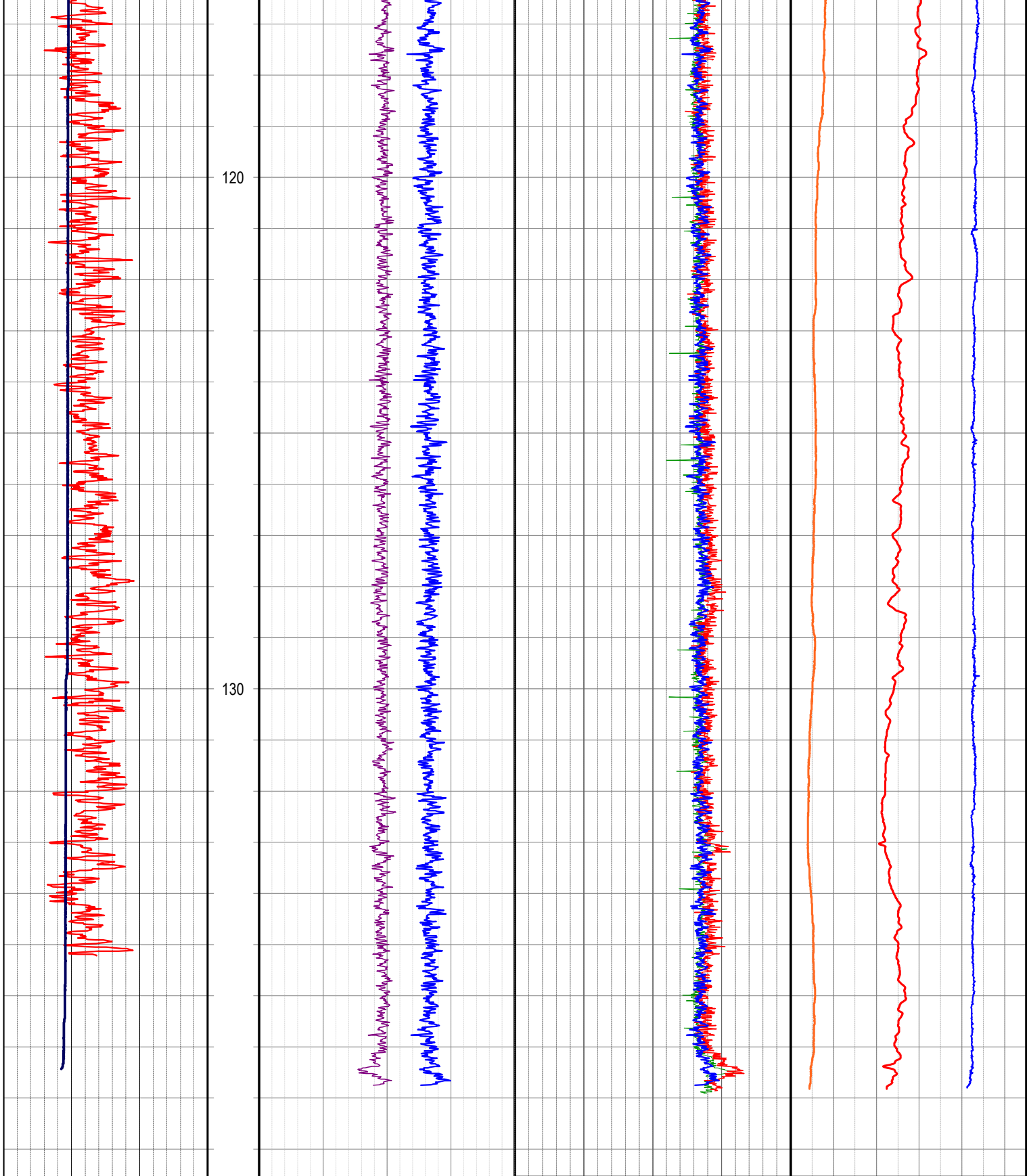












		LSD Long Spaced Density		SP SPONTANEOUS POTENTIAL	
		1 G/CC 3		-550 mV -200	
CALI Caliper		SSD Short Spaced Density		PR POINT RESISTIVITY	
50 mm 200		1 G/CC 3		0 ohm 550	
GRDEN Natural Gamma		BRD Bed Resolution Density		16N 16" RESISTIVITY	
0 API 150		1 G/CC 3		0 ohm m2/m 400	
Depth 1:100		RHOB Bulk Density			
		1 G/CC 3			
		DRHOB Differential Density			
		-0.4 G/CC 0.4			