



ENDEAVOUR GEOPHYSICS

ENERGY INVESTMENTS

W78

Formation Density

1:100

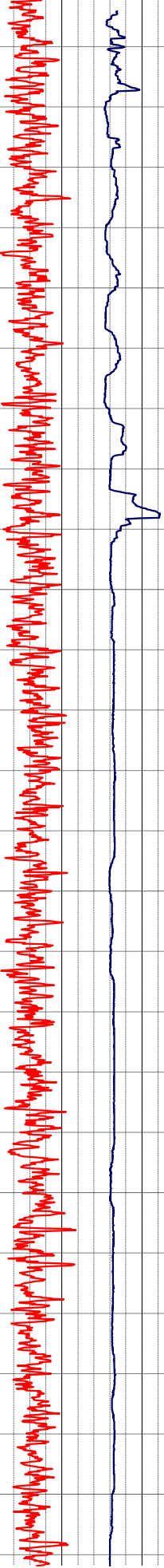
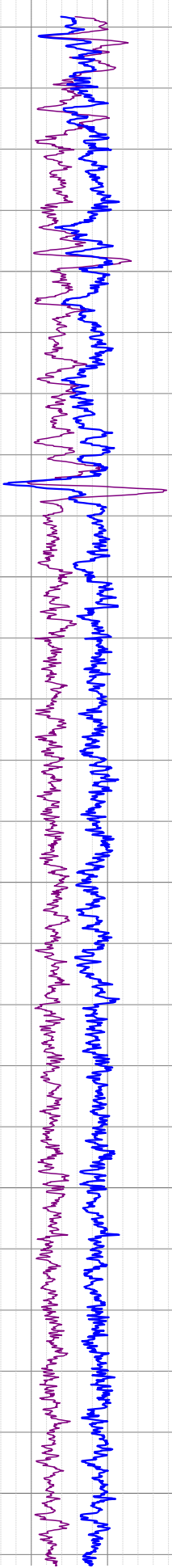
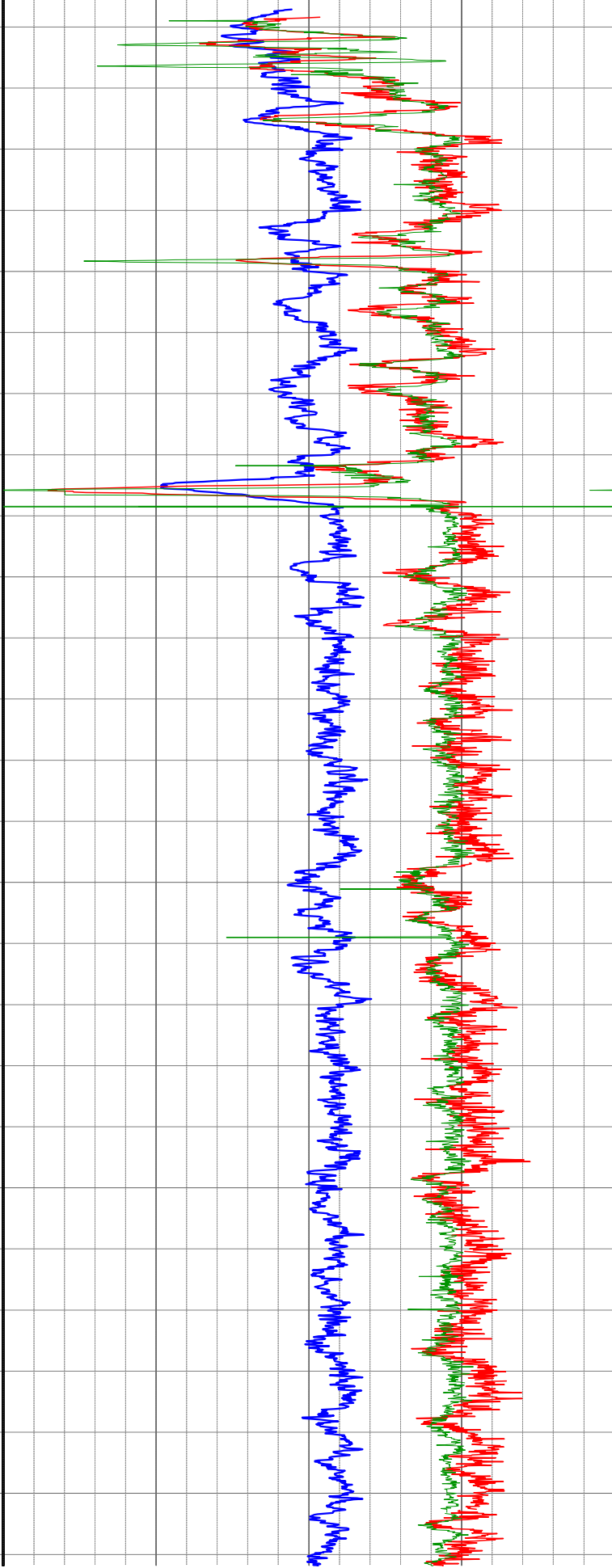
LOCATION		HOLE ATTRIBUTES				LOGGING DETAILS			
LOCATION	WOODBURY	DATE	20/06/2014			RECORDED BY	CALEB AMES		
EL	65/2007 TUNBRIDGE	FLUID LEVEL	37.2 m			WITNESSED BY	ROWENA MURCOTT		
PROVINCE		FLUID TYPE	WATER			UNIT	EG25		
STATE	TASMANIA	DRILLED DEPTH	132.5 m			LOGGED DEPTH	132.5 m		
COUNTRY	AUSTRALIA	DATUM	GL			INT LOGGED	20-102 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	132.0	0
EASTING	0538876	PER	130mm	0	TD	MST		132	0
NORTHING	5332104					FWS		132	30
ELEVATION	m					ATV			
SRVC	ENDEAVOUR GEOPHYSICS	CASING RECORD							
WEB	www.endeavourgeo.com	TYPE	SIZE	FROM m	TO m				
COMMENTS									

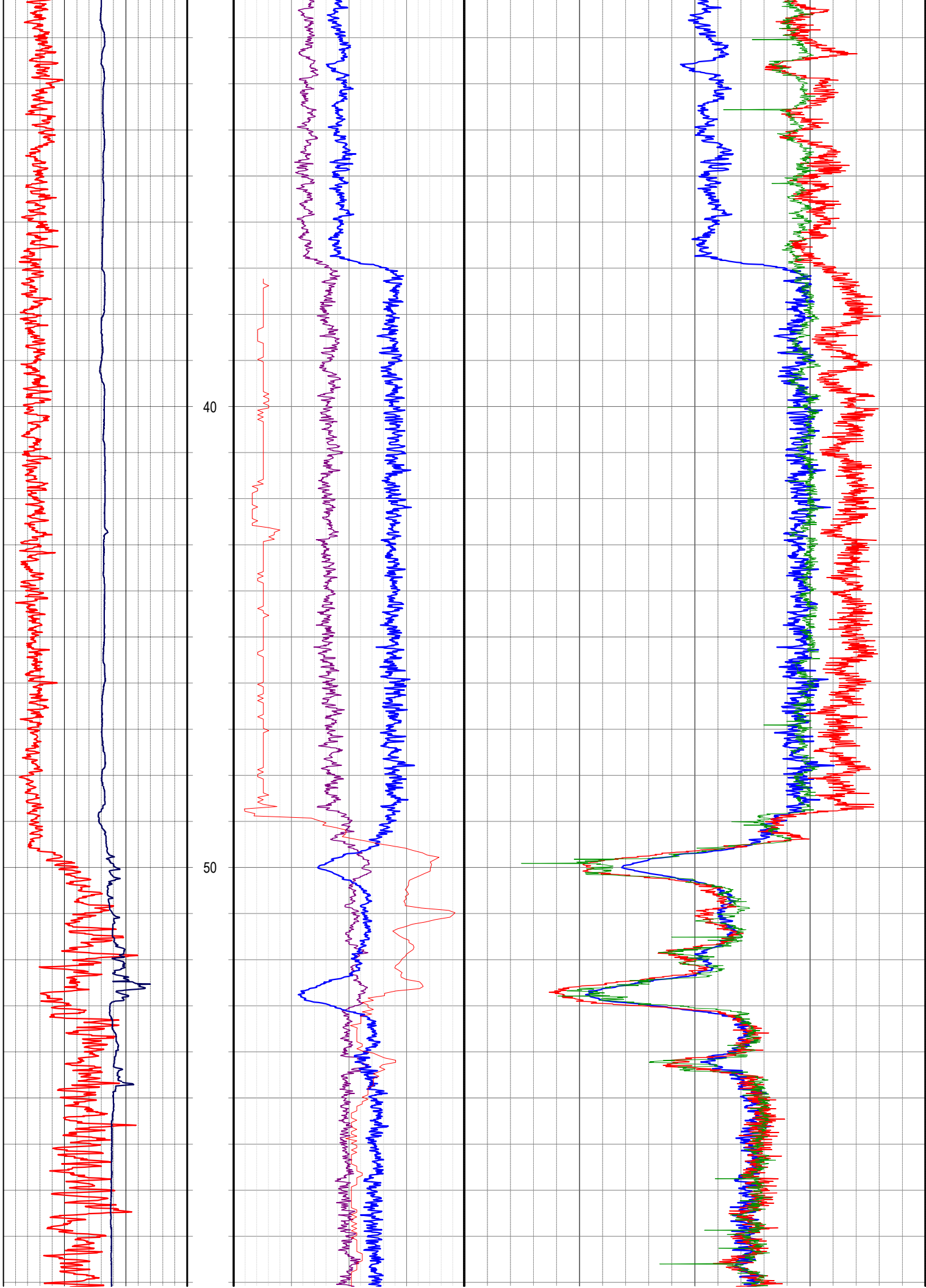
FORMATION DENSITY - FDS50

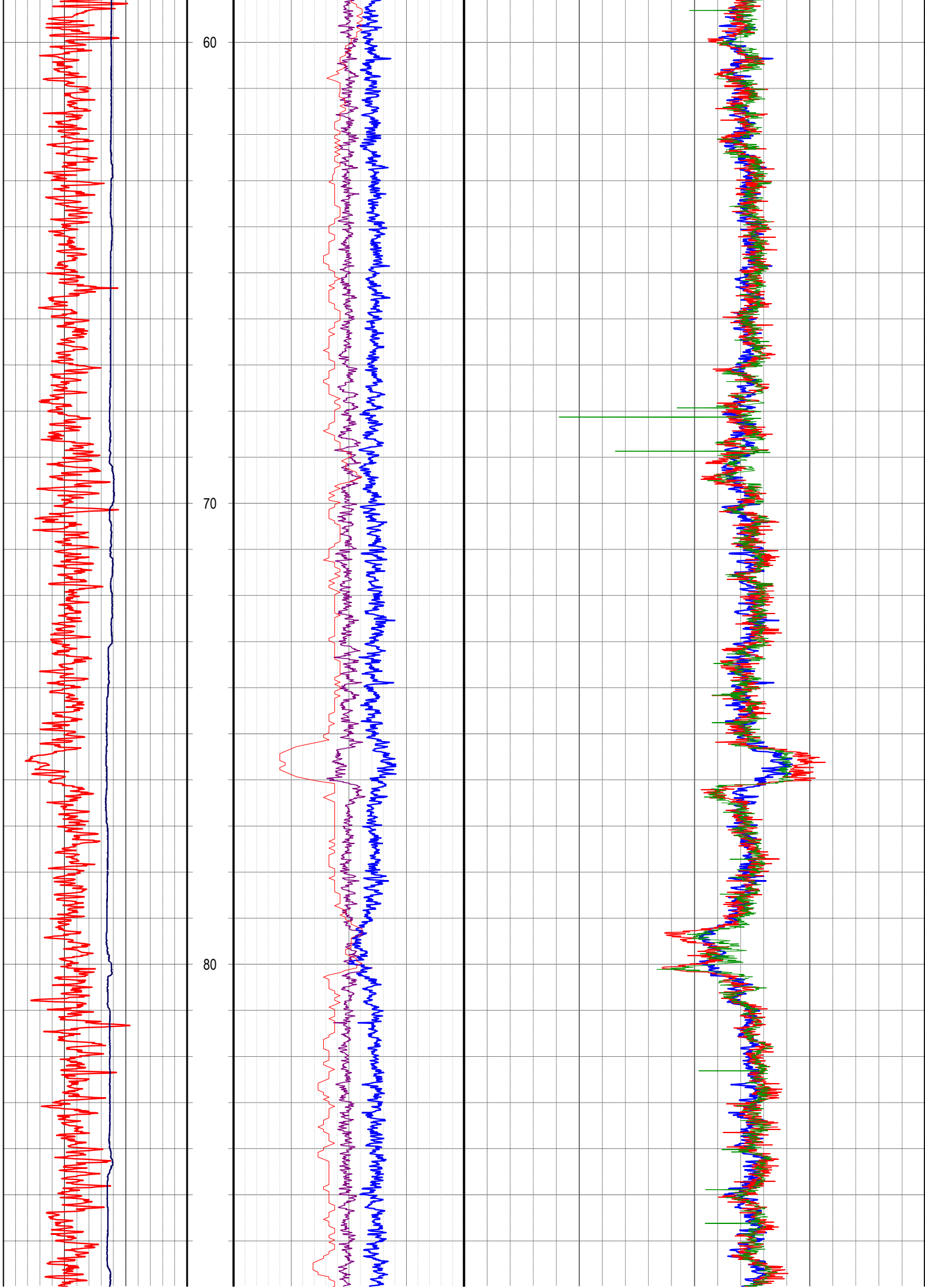


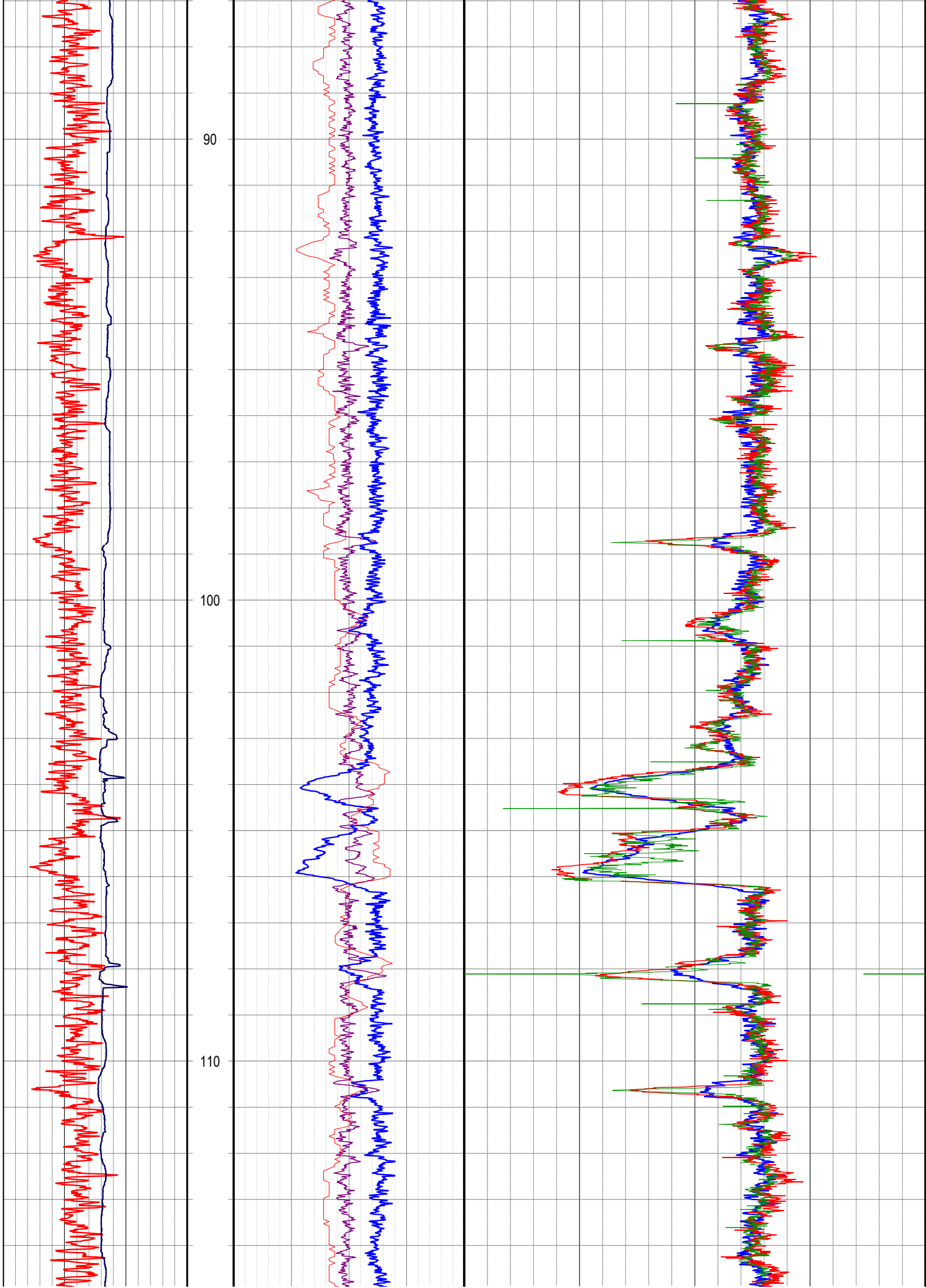
CALIBRATION		FDS_MNEUMONICS		ATTRIBUTES	
FDS_CALIBRATION_DATE	10/09/2013	GAMMA_RAW = Uncalibrated natural gamma raw counts LSD_RAW = Long Spaced Density raw counts SSD_RAW = Short Spaced Density raw counts BRD_RAW = Bed Resolution Density raw counts CALI_RAW = Caliper raw counts	GRDEN = Calibrated Gamma - 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_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	6m/min General
FDS_SOURCE_TYPE	3.7GBq 137Cs			FDS_RECEIVER_SPACING	48cm - LSD 24cm - SSD 14cm - BRD 63cm - Caliper
LSD_CAL	$-0.4311 * \ln(\text{RAW}) + 5.0823$				
SSD_CAL	$-1.392 * \ln(\text{RAW}) + 15.54$				
BRD_CAL	$0.66 * \ln(\text{RAW})^2 - 1.16 * \ln(\text{RAW}) + 30.20$				
FDS_GAMMA_CAL	$0.69488 * \text{RAW}$				
FDS_CALIPER_CAL	$1.11937 * \text{RAW} + 28.344$				
FDS_CAL_LOCATION	ADELAIDE PIT FACILITY-76mm				

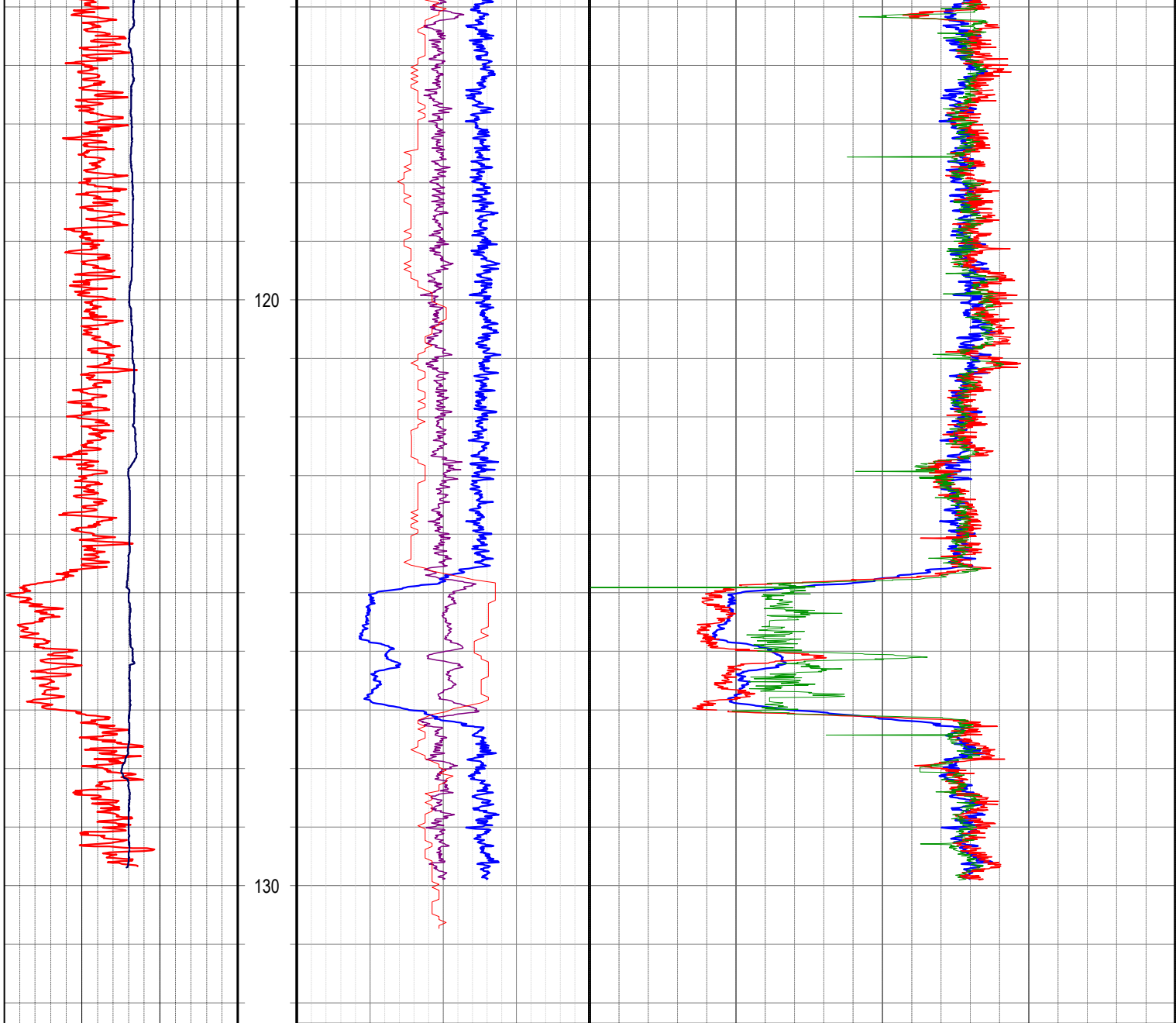
GRDEN Natural Gamma			Depth 1:100	DRHOB Differential Density			LSD Long Spaced Density		
<hr/>				<hr/>			<hr/>		
0	API	150		-0.4	G/CC	0.4	1	G/CC	3
CALI Caliper				RHOB Bulk Density			SSD Short Spaced Density		
<hr/>				<hr/>			<hr/>		
50	mm	200	1	G/CC	3	1	G/CC	3	
			DT3 DELTA T RX2-RX1			BRD Bed Resolution Density			
			<hr/>			<hr/>			
			100	us	650	1	G/CC	3	











<div>CALI</div> <div>Caliper</div> <div>50mm200</div> <div>GRDEN</div> <div>Natural Gamma</div> <div>0API150</div>			Depth	DT3			BRD		
				DELTA T RX2-RX1			Bed Resolution Density		
				100	us	650	1	G/CC	
RHOB				SSD					
Bulk Density				Short Spaced Density					
1			G/CC	3	1	G/CC		3	
DRHOB			LSD						
Differential Density			Long Spaced Density						
-0.4			G/CC	0.4	1	G/CC		3	