



ENDEAVOUR GEOPHYSICS

ENERGY INVESTMENTS

W76

Formation Density

1:100

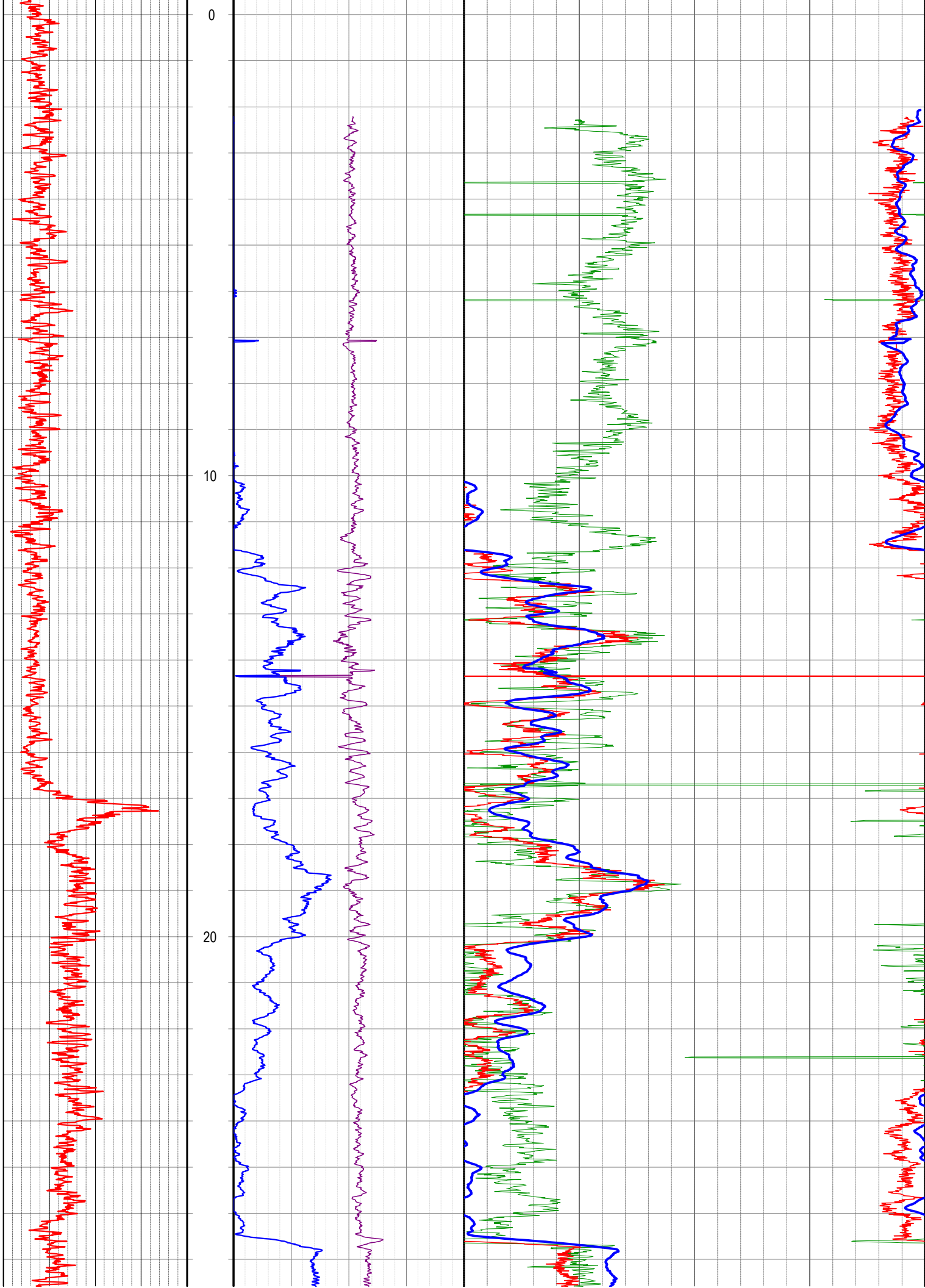
LOCATION		HOLE ATTRIBUTES				LOGGING DETAILS			
LOCATION	WOODBURY	DATE	19/06/2014			RECORDED BY	CALEB AMES		
EL	65/2007 TUNBRIDGE	FLUID LEVEL	26.65 m			WITNESSED BY	ROWENA MURCOTT		
PROVINCE		FLUID TYPE	WATER			UNIT	EG25		
STATE	TASMANIA	DRILLED DEPTH	120 m			LOGGED DEPTH	115.54 m		
COUNTRY	AUSTRALIA	DATUM	GL			INT LOGGED	0-115.54 m		
LATI		DRILLING COMPANY	KMR DRILLING			LOGGING RUNS			
LONG		DRILLING RIG							
GEODETIC DATUM	MGA55	BOREHOLE RECORD				TOOLIDSTARTFINISH FDS817115.540			
COORD	GDA94	TYPE	SIZE	FROM m	TO m				
EASTING	0539324	PER	130mm	0	TD				
NORTHING	5330856								
ELEVATION	m	CASING RECORD							
SRVC	ENDEAVOUR GEOPHYSICS	TYPE	SIZE	FROM m	TO m				
WEB	www.endeavourgeo.com	PVC	65mm	0	120				
COMMENTS									
Tool was run within 65mm PVC - hence no caliper information. Caution for use of absolute density values given that the tool was run within PVC casing									

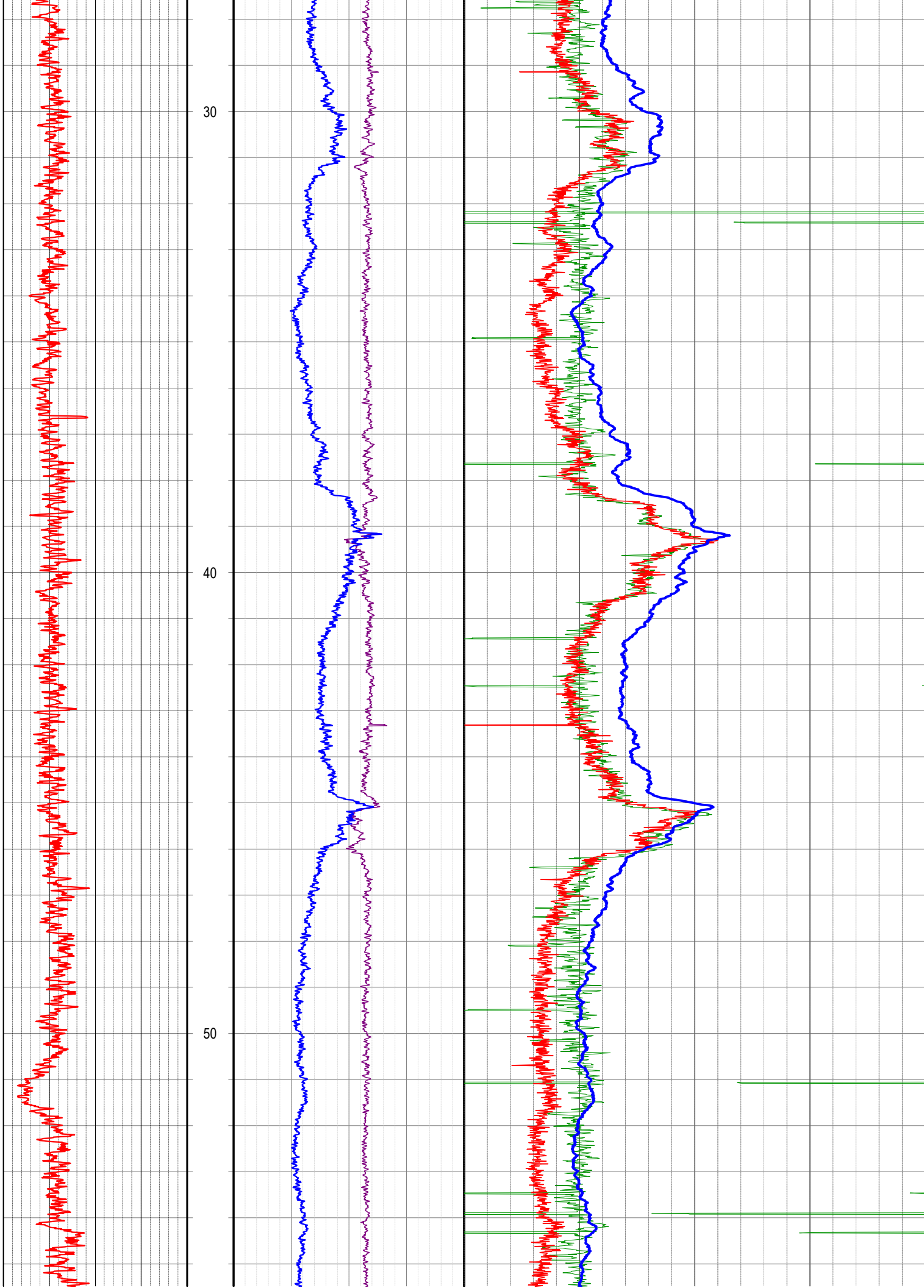
FORMATION DENSITY - FDS50

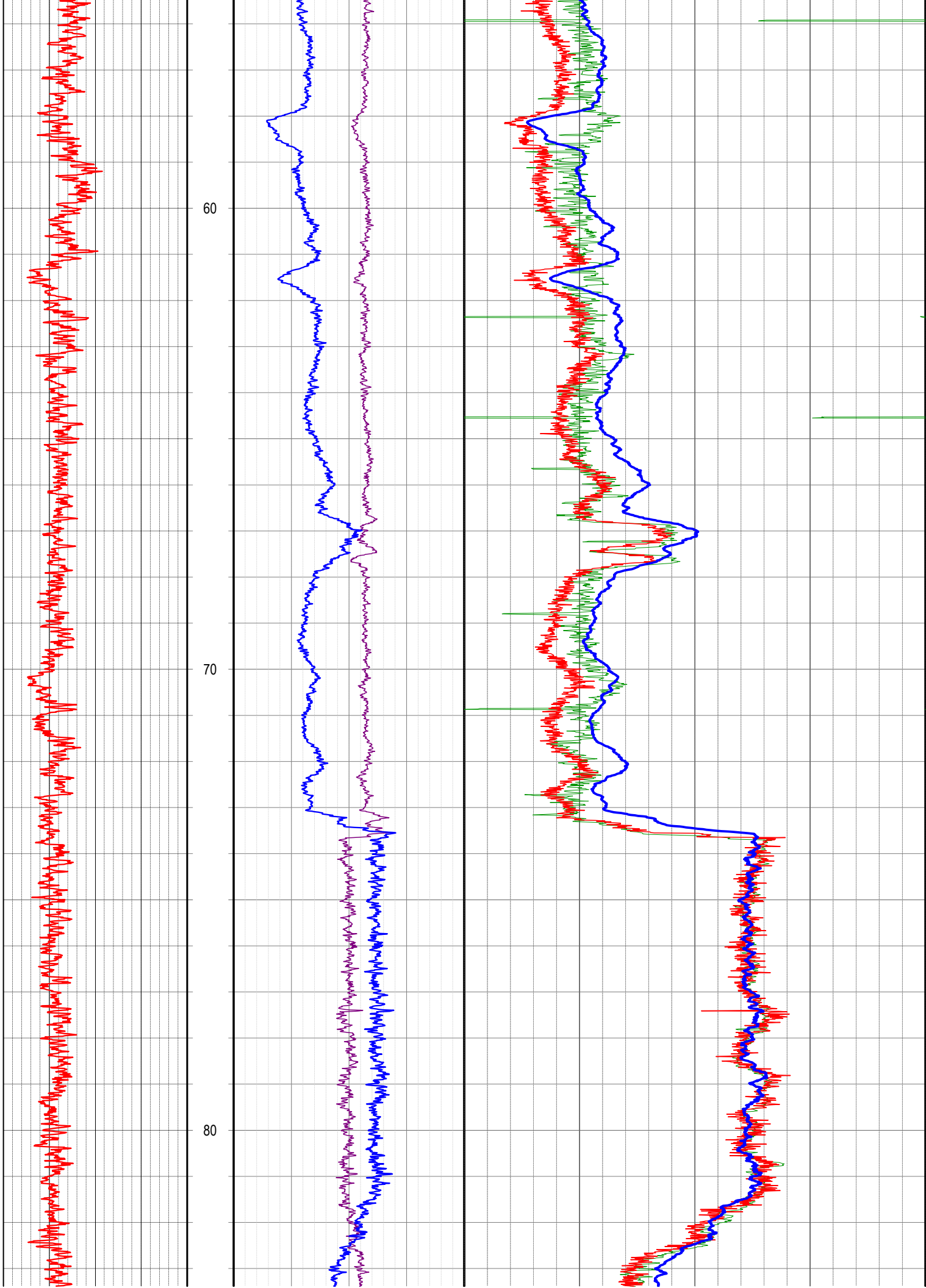


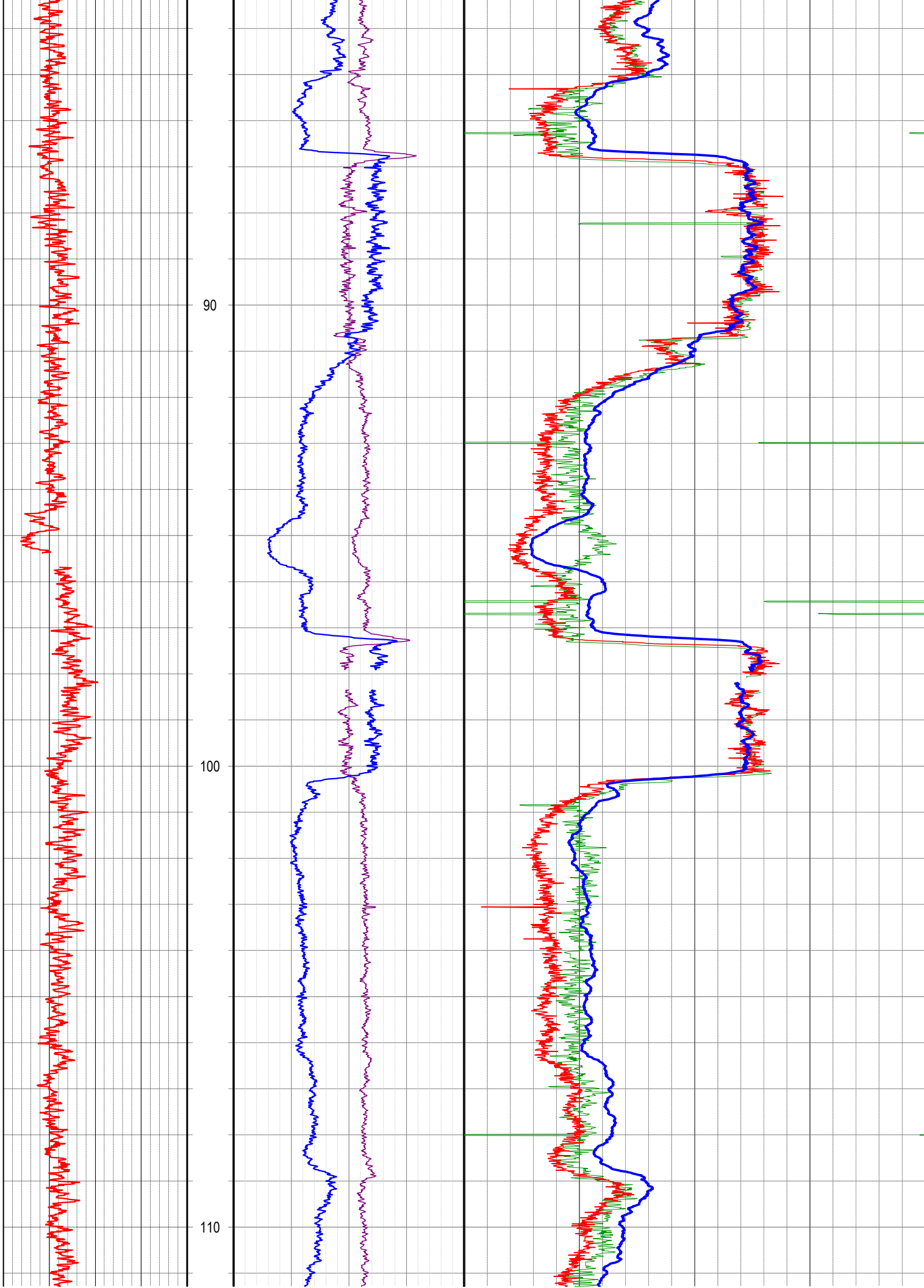
CALIBRATION		FDS_MNEUMONICS	ATTRIBUTES	
FDS_CALIBRATION_DATE	10/09/2013	GAMMA_RAW = Uncalibrated natural gamma raw counts LSD_RAW = Long Spaced Density raw counts SSD_RAW = Short Spaced Density raw counts BRD_RAW = Bed Resolution Density raw counts CALI_RAW = Caliper raw counts	FDS_LENGTH	3145mm
FDS_MODEL	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{RAW}+5.0823	GRDEN = Calibrated Gamma - API Units	FDS_RECEIVER_SPACING	
SSD_CAL	-1.392*Ln({RAW})+15.54	LSD = Calibrated Long Spaced Density - g/cc		
BRD_CAL	-0.66*Ln{RAW}^2-1.16*Ln{RAW}+30.20	SSD = Calibrated Short Spaced Density - g/cc		
FDS_GAMMA_CAL	0.69488{RAW}	BRD = Calibrated Bed Resolution Density - g/cc		
FDS_CALIPER_CAL	1.11937*{RAW}+28.344	CALI = Calibrated Caliper - in mm		48cm - LSD
FDS_CAL_LOCATION	ADELAIDE PIT FACILITY-76mm	RHOB = Bulk Density		24cm - SSD
		DPOR = Porosity from Density		14cm - BRD
				63cm - Caliper

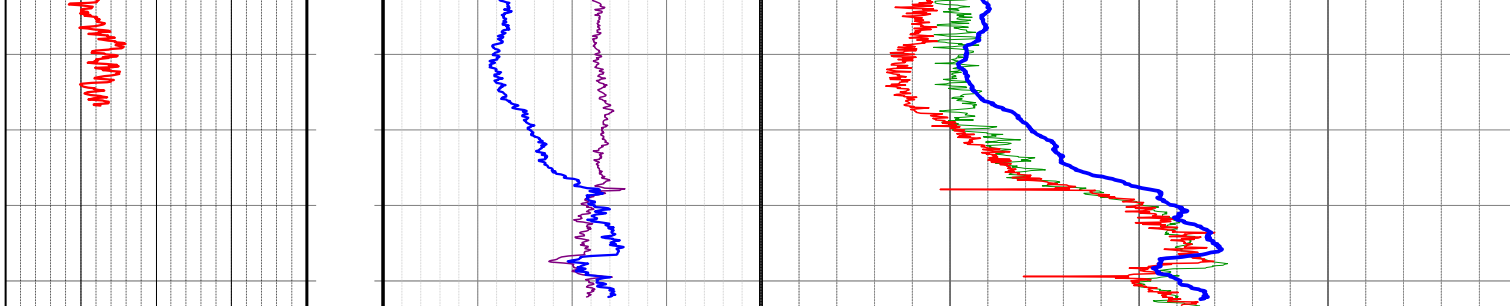
GRDEN Natural Gamma			Depth 1:100	DRHOB Differential Density			BRD Bed Resolution Density		
<hr/>				<hr/>			<hr/>		
0	API	200		-0.4	G/CC	0.4	1	G/CC	3
				RHOB Bulk Density			SSD Short Spaced Density		
				<hr/>			<hr/>		
			1	G/CC	3	1	G/CC	3	
						LSD Long Spaced Density			
						<hr/>			
						1	G/CC	3	











			LSD Long Spaced Density		
			1	G/CC	3
			SSD Short Spaced Density		
			1	G/CC	3
<div>GRDEN Natural Gamma</div> <div>0 API 200</div>			RHOB Bulk Density		
			1	G/CC	3
			DRHOB Differential Density		
			-0.4	G/CC	0.4
Depth 1:100			BRD Bed Resolution Density		
			1	G/CC	3