



ENDEAVOUR GEOPHYSICS

ENERGY INVESTMENTS

W77

Formation Density

1:100

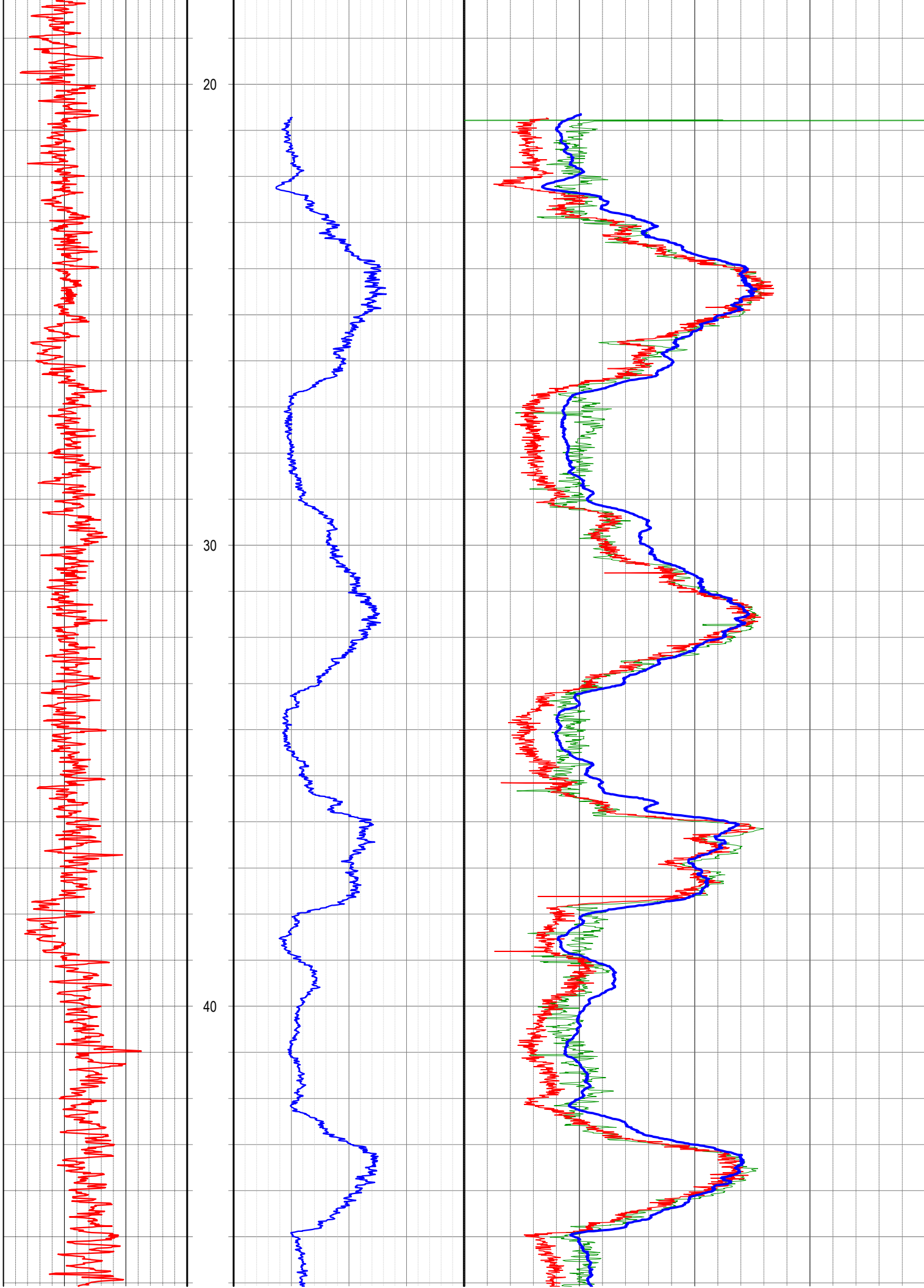
LOCATION		HOLE ATTRIBUTES				LOGGING DETAILS			
LOCATION	WOODBURY	DATE	19/06/2014			RECORDED BY	CALEB AMES		
EL	65/2007 TUNBRIDGE	FLUID LEVEL	m			WITNESSED BY	ROWENA MURCOTT		
PROVINCE		FLUID TYPE	WATER			UNIT	EG25		
STATE	TASMANIA	DRILLED DEPTH	102 m			LOGGED DEPTH	101.5 m		
COUNTRY	AUSTRALIA	DATUM	GL			INT LOGGED	20-101.5 m		
LATI		DRILLING COMPANY	KMR DRILLING			LOGGING RUNS			
LONG		DRILLING RIG							
GEODETIC DATUM	MGA55	BOREHOLE RECORD				TOOLIDSTARTFINISH FDS817101.50			
COORD	GDA94	TYPE	SIZE	FROM m	TO m				
EASTING	0539544	PER	130mm	0	TD				
NORTHING	5331541								
ELEVATION	m	CASING RECORD							
SRVC	ENDEAVOUR GEOPHYSICS	TYPE	SIZE	FROM m	TO m				
WEB	www.endeavourgeo.com	PVC	65mm	0	102				
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									

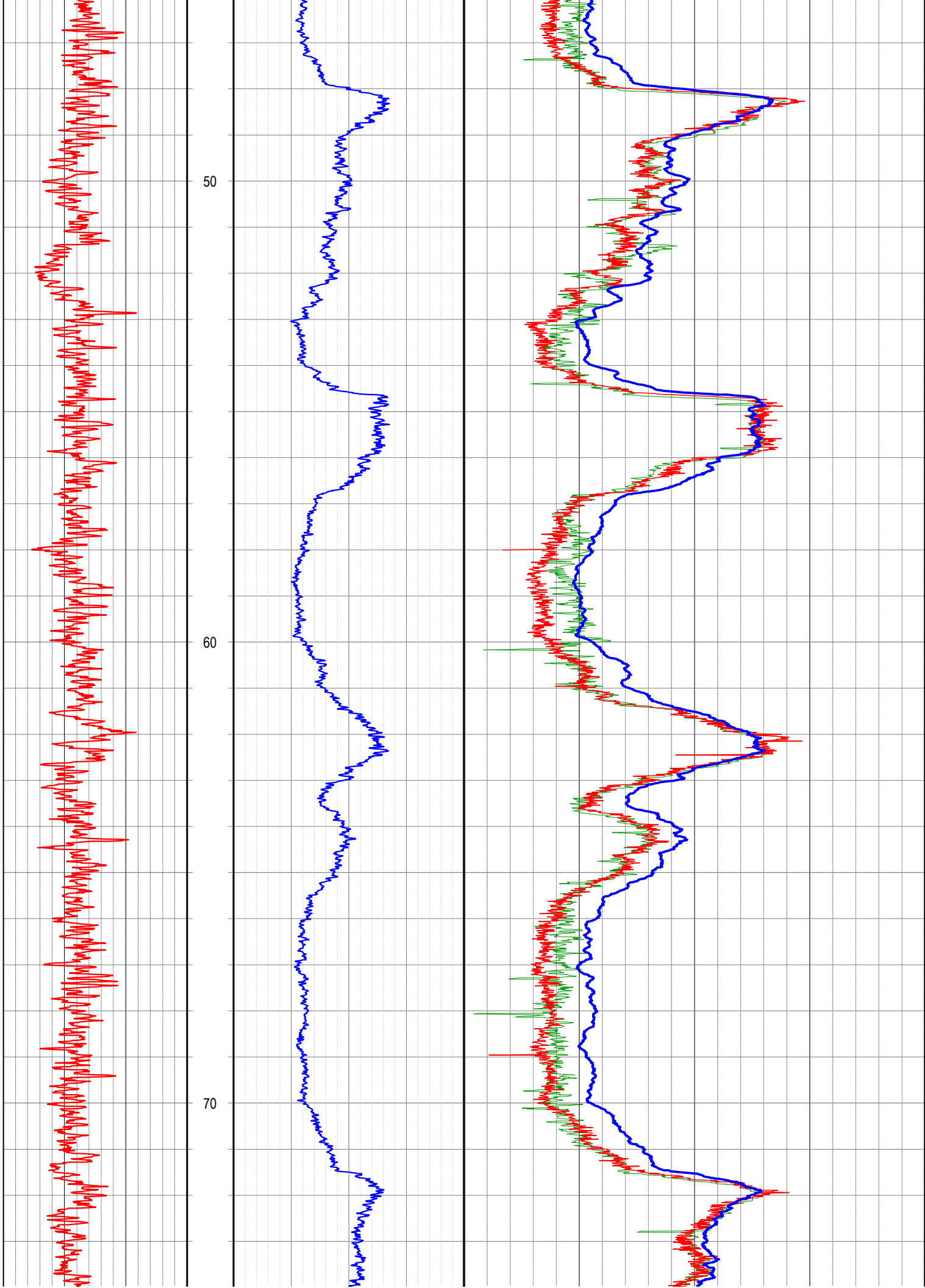
FORMATION DENSITY - FDS50

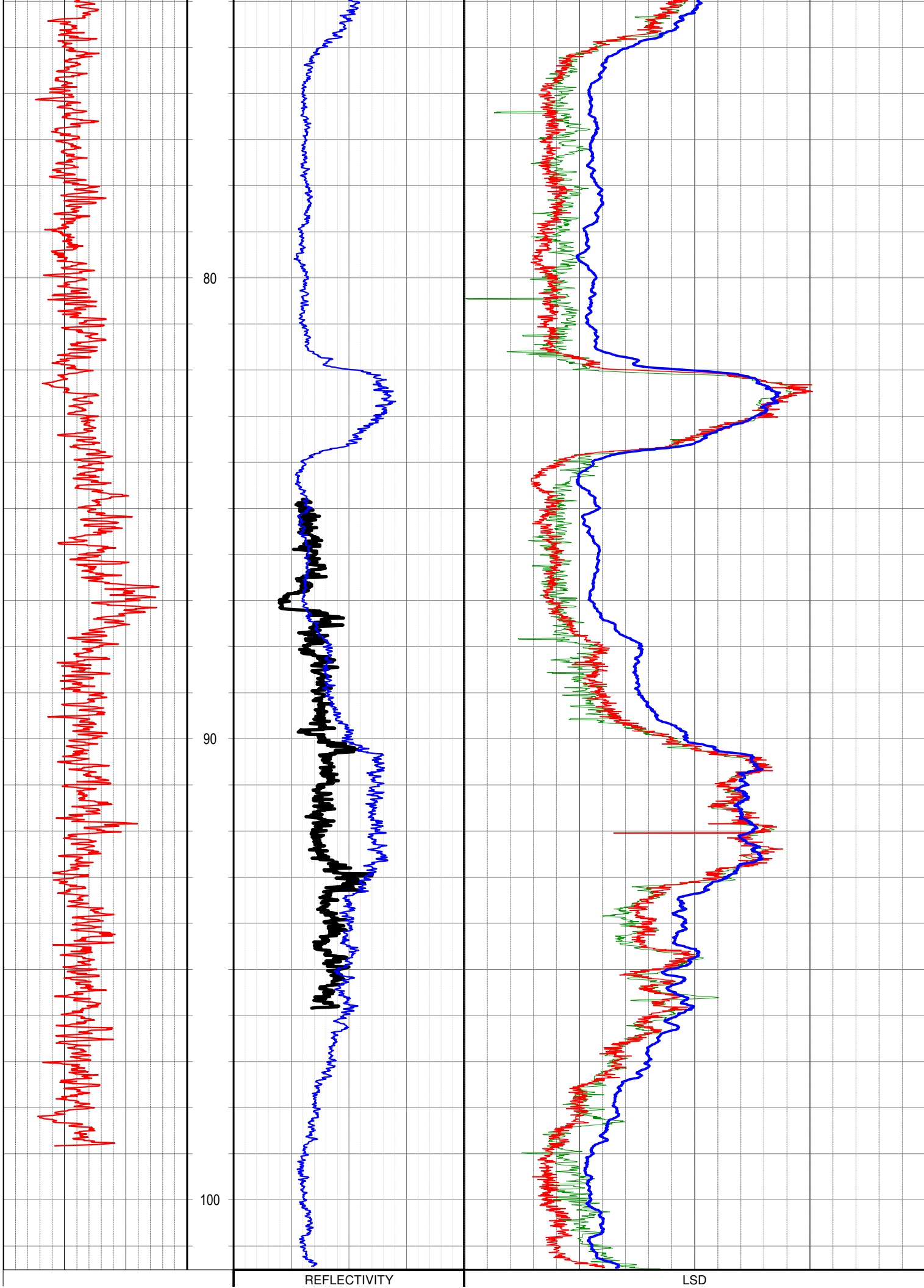


CALIBRATION		FDS_MNEUMONICS	ATTRIBUTES	
FDS_CALIBRATION_DATE	10/09/2013	GAMMA_RAW = Uncalibrated natural gamma raw counts LSD_RAW = Long Spaced Density raw counts SSD_RAW = Short Spaced Density raw counts BRD_RAW = Bed Resolution Density raw counts CALI_RAW = Caliper raw counts GRDEN = Calibrated Gamma - 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{RAW}+5.0823			
SSD_CAL	-1.392*Ln({RAW})+15.54			
BRD_CAL	-0.66*Ln{RAW}+30.20			
FDS_GAMMA_CAL	0.69488{RAW}			
FDS_CALIPER_CAL	1.11937*{RAW}+28.344			
FDS_CAL_LOCATION	ADELAIDE PIT FACILITY-76mm			

GRDEN Natural Gamma			Depth 1:100	DRHOB Differential Density			BRD Bed Resolution Density		
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0	API	150		-0.4	G/CC	0.4	1	G/CC	3
				RHOB Bulk Density			SSD Short Spaced Density		
				<div></div>			<div></div>		
			1	G/CC	3	1	G/CC	3	
			REFLECTIVITY FROM ACOUSTIC TELEVIEWER			LSD Long Spaced Density			
			<div></div>			<div></div>			
			0		43	1	G/CC	3	







			FROM ACOUSTIC TELEVIEWER		Long Spaced Density	
			0	43	1	3
			RHOB Bulk Density		SSD Short Spaced Density	
			1	3	1	3
GRDEN Natural Gamma			DRHOB Differential Density		BRD Bed Resolution Density	
0	API	150	-0.4	0.4	1	3
Depth			1:100			