

Schlumberger

Company: Lamont Doherty Earth Observatory
Well: Shell
Field: Expedition 344S, U0080A (USC80)
Rig: JOIDES Resolution

Country: USA

Shell

Field: **Baffin Bay**

FMS
Micro-Resistivity

Latitude: N 75° 35.9015'
Longitude: W 65° 02.892'

Permanent Datum:	Mean Sea Level	Elev.: 0.00 m
Log Measured From:	Drill Floor	11.00 m above Perm. Datum

Drilling Measured From: Drill Floor

Ocean: Atlantic	Max. Well Deviation 0 deg
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Longitude	Latitude
N 75° 35.9015'	W 65° 02.8928'

[illegible]

FMS Micro-Resistivity			
Latitude: N 75° 35.9015' Longitude: W 65° 02.8928'		Elev.: K.B. 11.00 m G.L. -234.00 m D.F. 11.00 m	
Permanent Datum: _____ Log Measured From: _____ Drilling Measured From: _____		Elev.: 0.00 m 11.00 m above Perm. Datum	
Ocean: Atlantic	Max. Well Deviation 0 deg	Longitude N 75° 35.9015'	Latitude W 65° 02.8928'

[illegible]

Logging Date	21-Aug-2012		
Run Number	3		
Depth Driller	358.5 m		
Schlumberger Depth	354.5 m		
Bottom Log Interval	353 m		
Top Log Interval	48 m		
Casing Driller Size @ Depth	7.000 in @ 31 m		@
Casing Schlumberger	31 m		
Bit Size	9.875 in		
Type Fluid In Hole	Seawater		

Logging Date			
Run Number			
Depth Driller			
Schlumberger Depth			
Bottom Log Interval			
Top Log Interval			
Casing Driller Size @ Depth		@	
Casing Schlumberger			
Bit Size			
Type Fluid In Hole			

MUD			
Density	Viscosity	1.05 g/cm3	
Fluid Loss	PH		
Source Of Sample		N/A	

MUD		
Density	Viscosity	
Fluid Loss	PH	
Source Of Sample		

RM @ Measured Temperature	@	@
RMF @ Measured Temperature	@	@
RMC @ Measured Temperature	@	@

RM @ Measured Temperature	@	
RMF @ Measured Temperature	@	
RMC @ Measured Temperature	@	

Source RMF	RMC	N/A	N/A

Source RMF	RMC			

RM @ MRI	RMF @ MRI	@ 9	@ 9	@	@
Maximum Recorded Temperatures	9 degC				

RM @ MRI	RMF @ MRI	@	@
Maximum Recorded Temperatures			

Circulation Stopped	Time	21-Aug-2012	4:00		
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Circulation Stopped	Time		

Logger On Bottom	Time	22-Aug-2012	4:50		
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[illegible]

Recorded By:	C. E. E. E. E.
Unit Number	625003
Location	Houston

Unit Number	Location		
Recorded By			

Witnessed By	G Guerin H Evans	
Recorded by	C. Fullinall	

Recorded By		
Witnessed By		

Run 4

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

OS3: VSI

Logs terminated at 48m to ensure that the powered tool did not come into contact with the drill pipe.

STOP

13.16

EDTH-B 8528
EDTC-B 8529
EDTG-A/B 77693

CTEM
Gamma Ray
EFTB DIAG
TelStatus
EDTCB Ele

12.10
11.53
11.18

AH-MCD-TOP
AH-MCD-TOP 1

11.18

DTA-A
ECH-KE 8451
DTA-A 8259

8.90

MEST-B
MEAH-B 769
MEAC-A 875
MEPH-A 702
GPIC-A 719
MEPC-AB 807
MEDS-B 724

7.68

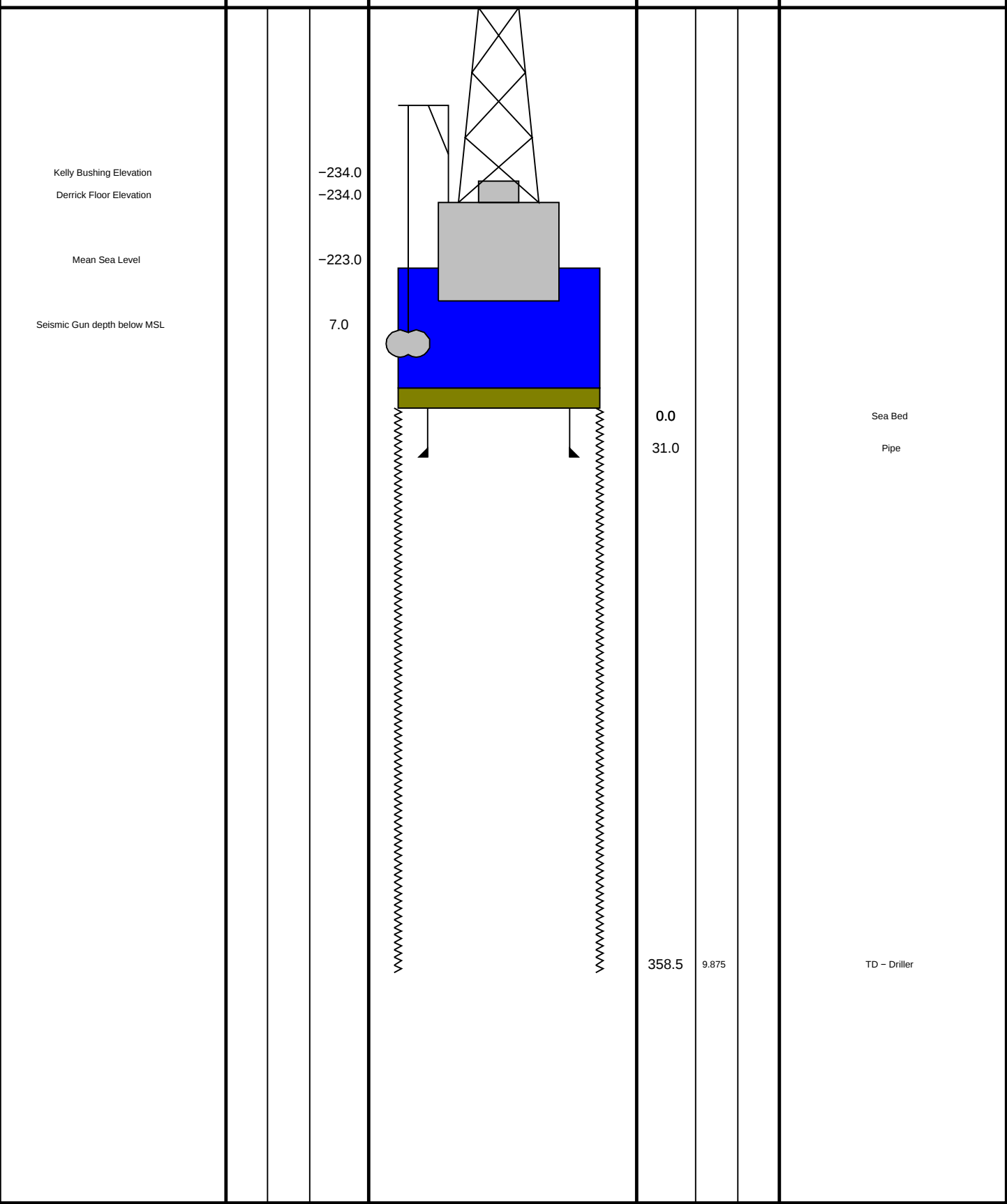
MEDR MEAC
MEPC MEDS-B
HV DF ACCZ
Tension GPIT

0.46
0.00

TOOL ZERO

MAXIMUM STRING DIAMETER 4.50 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Production String	(in)	(m)	Well Schematic	(m)	(in)	Casing String
	CD	ID		MD	CD	ID





First Pass

MAXIS Field Log

Company: Lamont Doherty Earth ObservatoryWell: Expedition 344S, U0080A (USC80)

Input DLIS Files

DEFAULT	FMS_030LUP	FN:37	PRODUCER	22-Aug-2012 05:42	587.0 M	280.0 M
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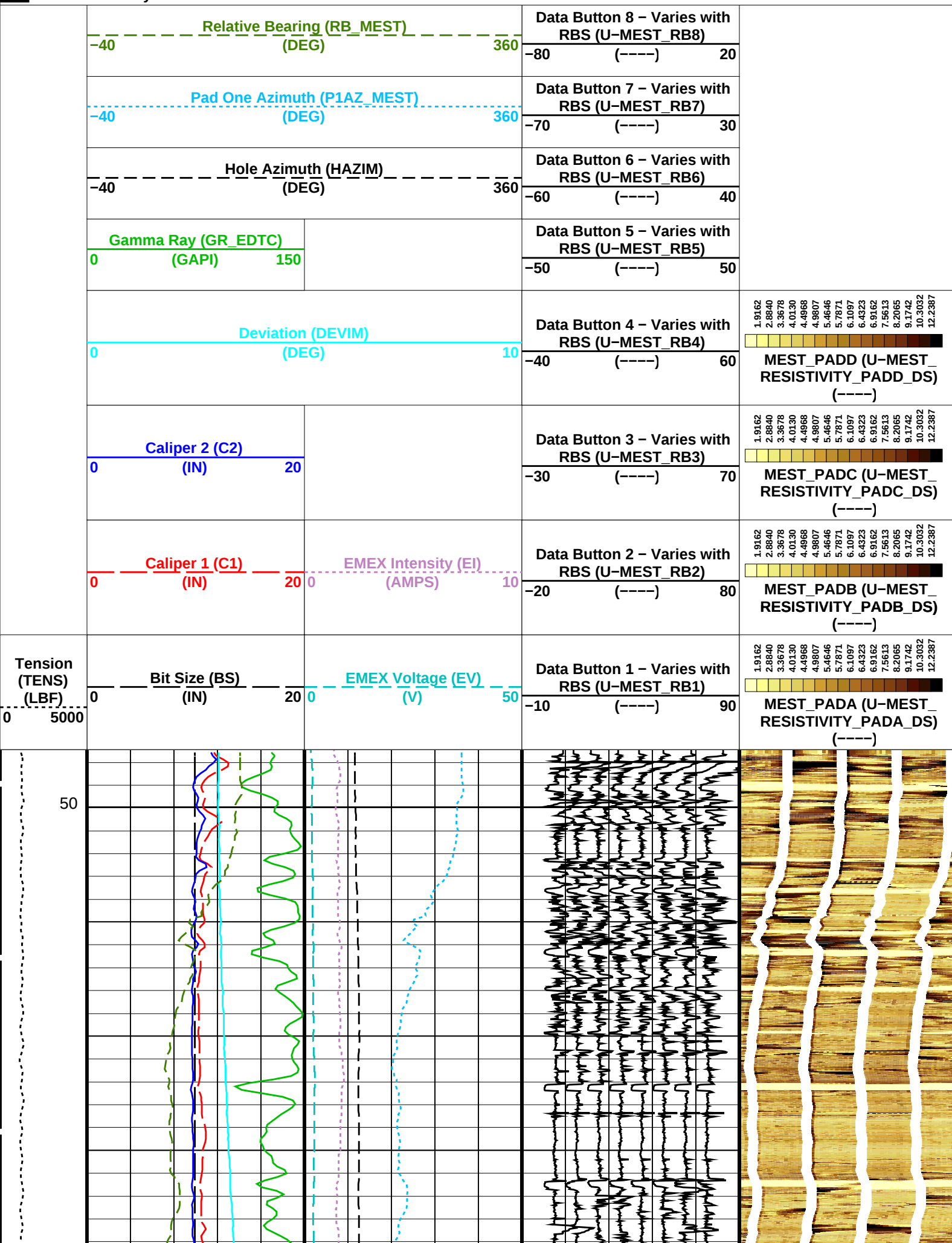
Output DLIS Files

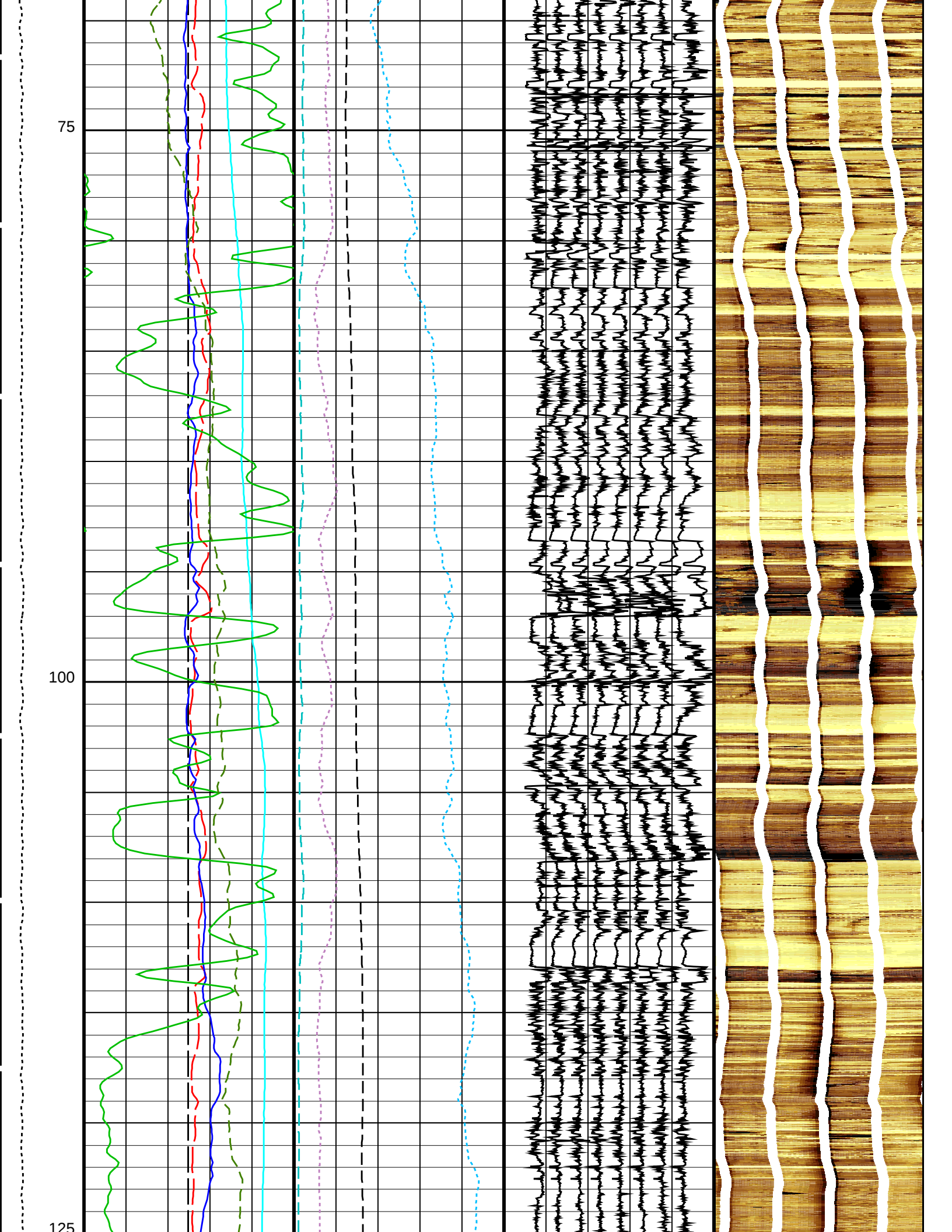
DEFAULT	FMS_064PUP	FN:79	PRODUCER	25-Aug-2012 12:47	354.3 M	47.4 M
CLIENT	FMS_064PUC	FN:80	CUSTOMER	25-Aug-2012 12:47	354.3 M	47.4 M

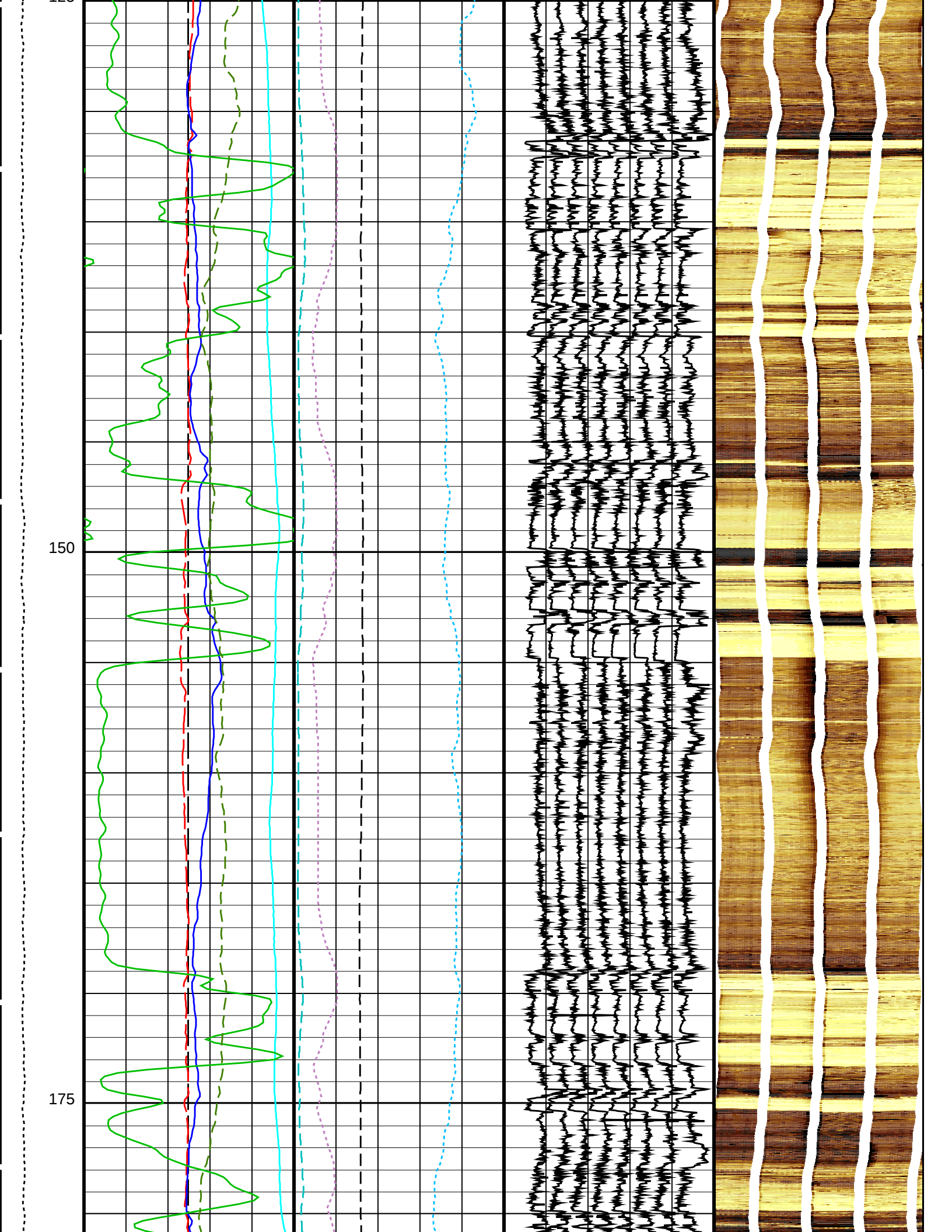
OP System Version: 19C0-187

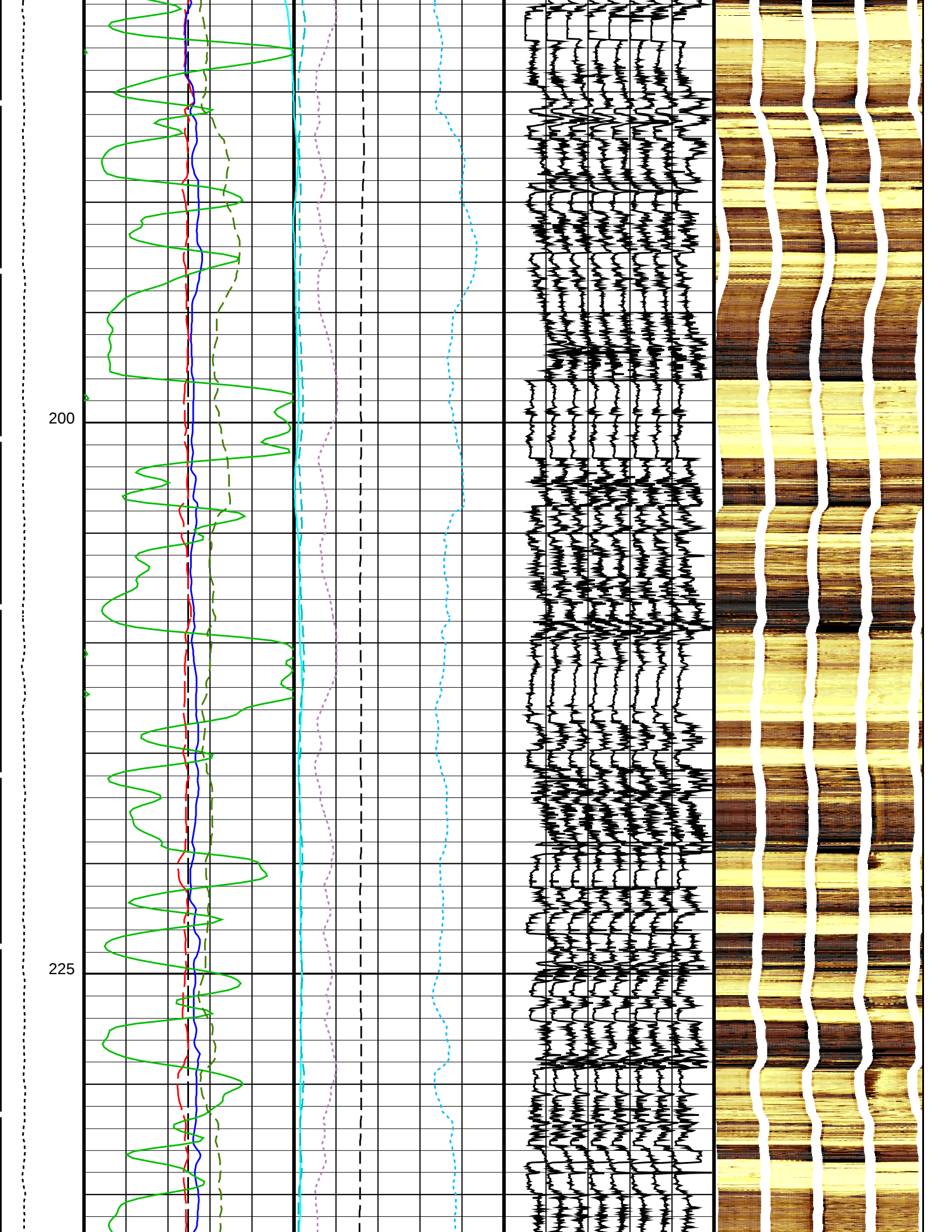
MEST-B	19C0-187	DTA-A	19C0-187
EDTC-B	SKK-5169-EDTCB		

Time Mark Every 60 S



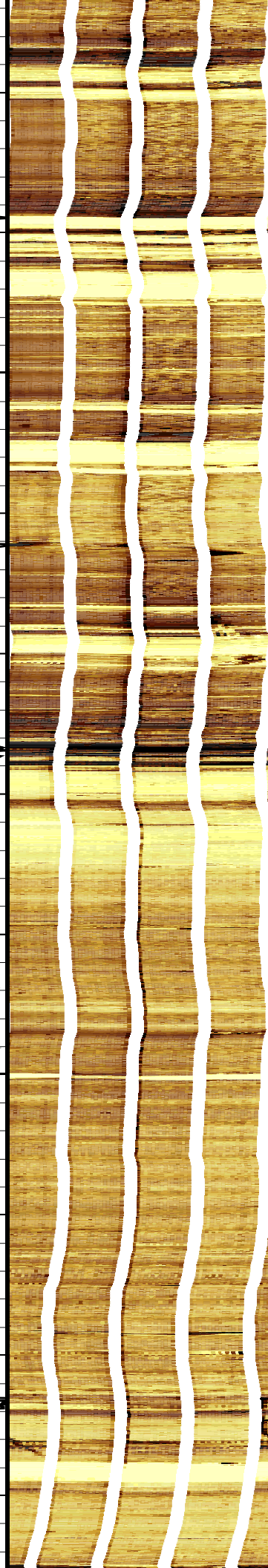
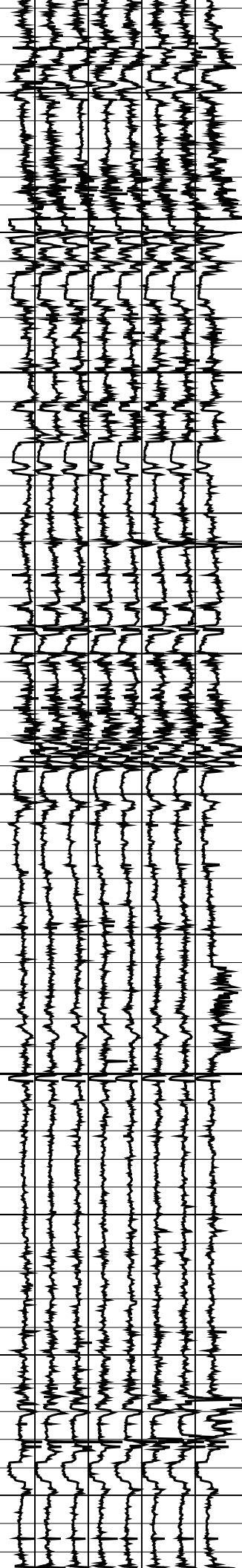
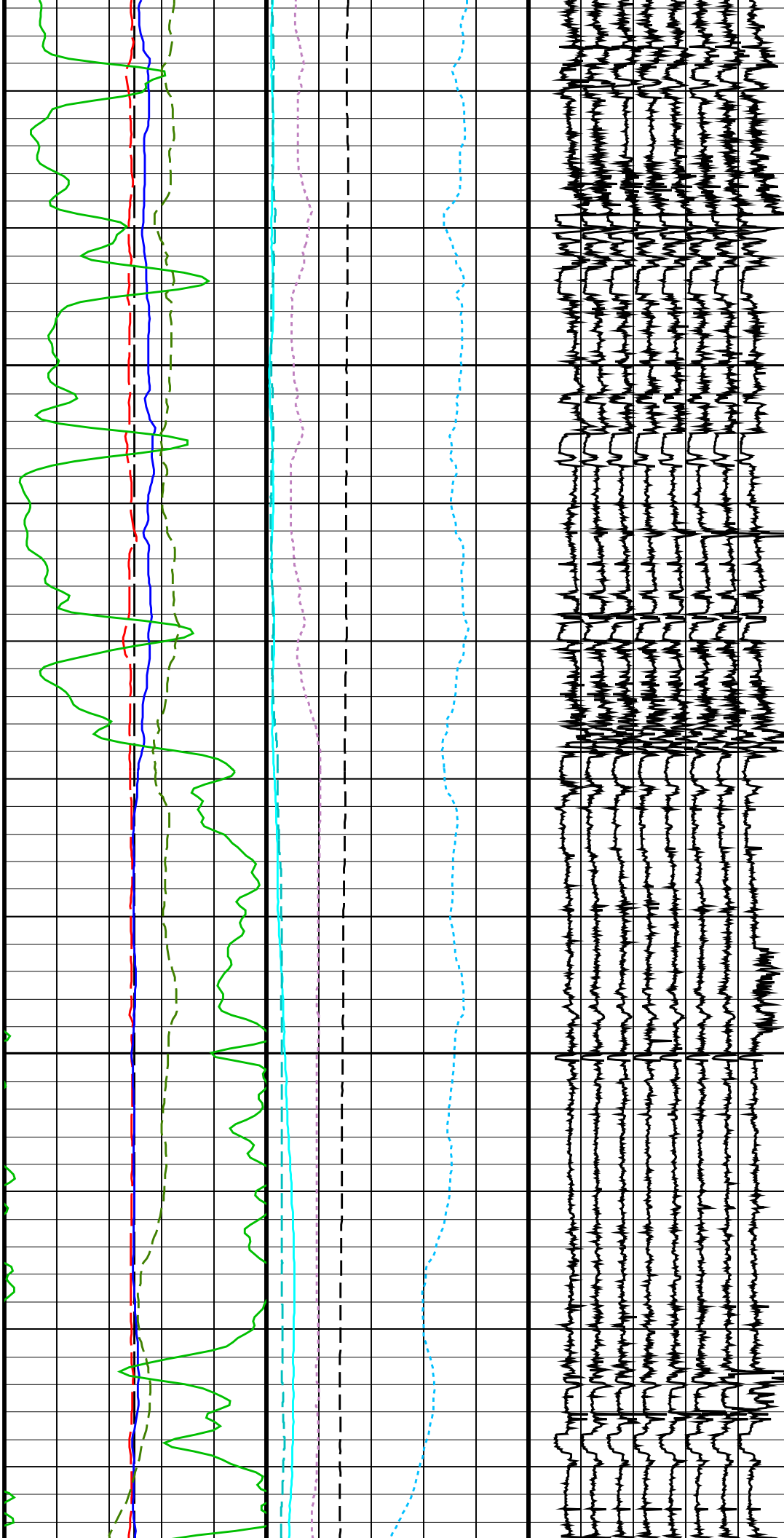


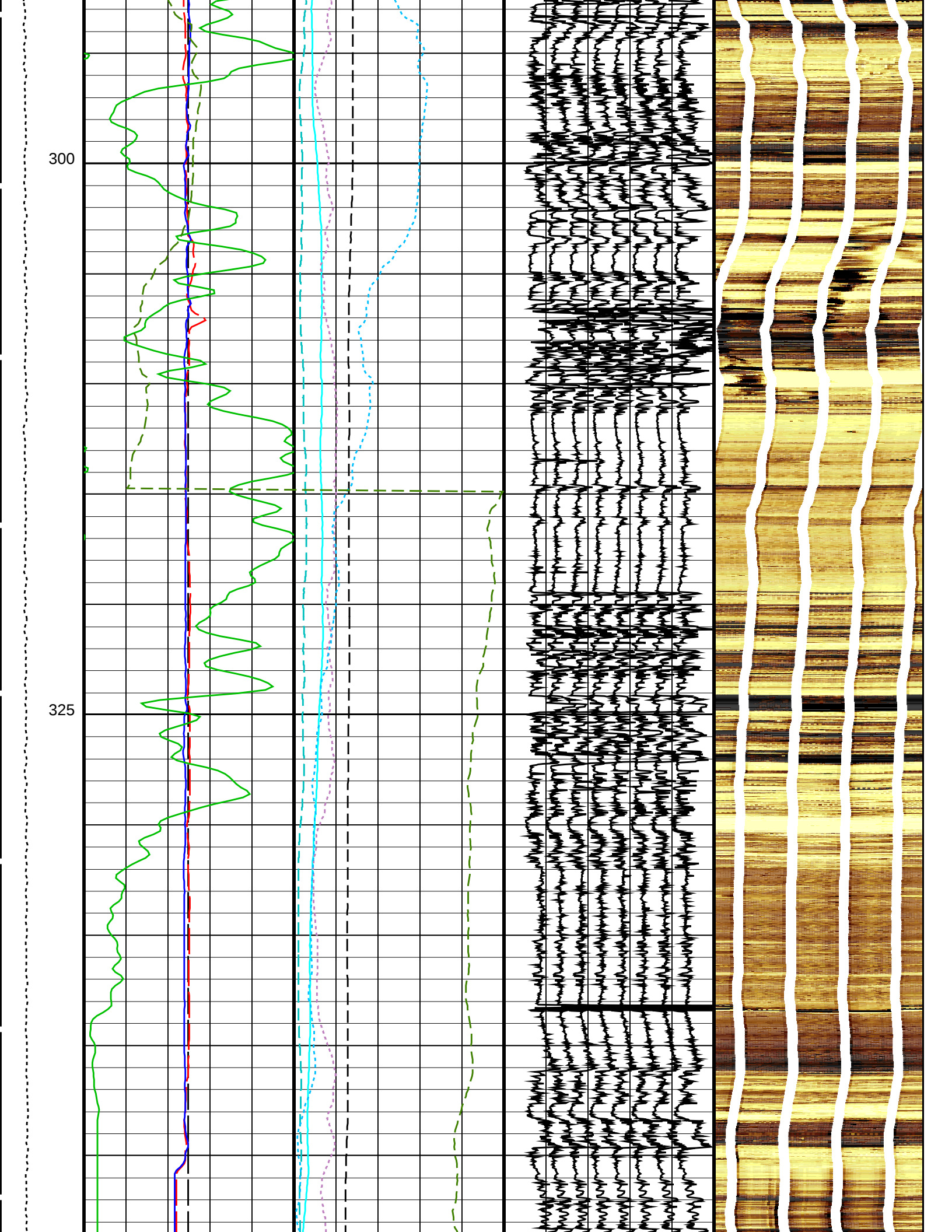


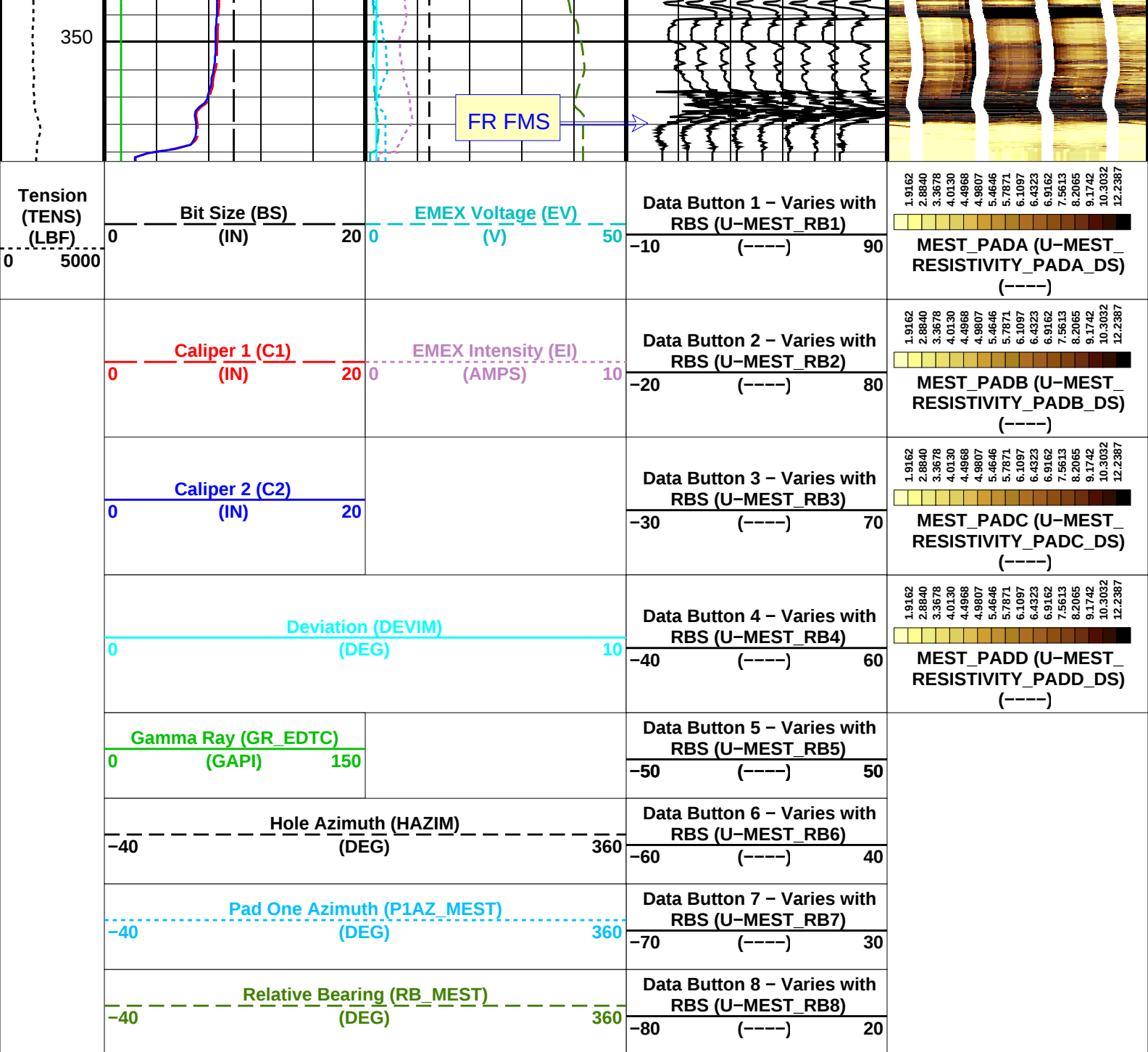


250

275







PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
MEST-B: Micro Electrical Scanner – B (Slim)		
AFMO	Accelerometer Filtering Mode	MOVING_AVERAGE
ICMO	Inclinometry Computation Mode	AUTOMATIC_SELECTION
MDEC	Magnetic Field Declination	-46.0226 DEG
MLM	MEST Logging Mode	SCAN1800
RBS	Resistivity Button Selection	AUTO
XGAI	Gain	GAIN_2
XOFF	Offset	OFFSET_0
System and Miscellaneous		
BS	Bit Size	9.875 IN
DO	Depth Offset for Playback	-232.7 M
PP	Playback Processing	NORMAL

Format: MEST_C_WRAP_BY_P1AZ Vertical Scale: 1:200

Graphics File Created: 25-Aug-2012 12:47

OP System Version: 19C0-187

MEST-B
EDTC-B

19C0-187
SKK-5169-EDTCB

DTA-A

19C0-187

Input DLIS Files

DEFAULTFMS_030LUPFN:37PRODUCER22-Aug-2012 05:42587.0 M280.0 M

Output DLIS Files

DEFAULTFMS_064PUPFN:79PRODUCER25-Aug-2012 12:47

CLIENTFMS_064PUCFN:80CUSTOMER25-Aug-2012 12:47

Schlumberger

Second Pass

MAXIS Field Log

Company: Lamont Doherty Earth Observatory

Well: Expedition 344S, U0080A (USC80)

Input DLIS Files

DEFAULTFMS_031LUPFN:38PRODUCER22-Aug-2012 06:50586.9 M280.2 M

Output DLIS Files

DEFAULTFMS_066PUPFN:83PRODUCER25-Aug-2012 12:50354.6 M48.0 M

CLIENTFMS_066PUCFN:84CUSTOMER25-Aug-2012 12:50354.6 M48.0 M

OP System Version: 19C0-187

MEST-B19C0-187DTA-A19C0-187

EDTC-BSKK-5169-EDTCB

PIP SUMMARY

Time Mark Every 60 S

Relative Bearing (RB_MEST)
(DEG)

-40360

Pad One Azimuth (P1AZ_MEST)
(DEG)

-40360

Hole Azimuth (HAZIM)
(DEG)

-40360

Gamma Ray (GR_EDTC)
(GAPI)

0150

Deviation (DEVIM)
(DEG)

010

Galiner 2 (G2)

Data Button 8 - Varies with RBS (U-MEST_RB8)

-80 (----) 20

Data Button 7 - Varies with RBS (U-MEST_RB7)

-70 (----) 30

Data Button 6 - Varies with RBS (U-MEST_RB6)

-60 (----) 40

Data Button 5 - Varies with RBS (U-MEST_RB5)

-50 (----) 50

Data Button 4 - Varies with RBS (U-MEST_RB4)

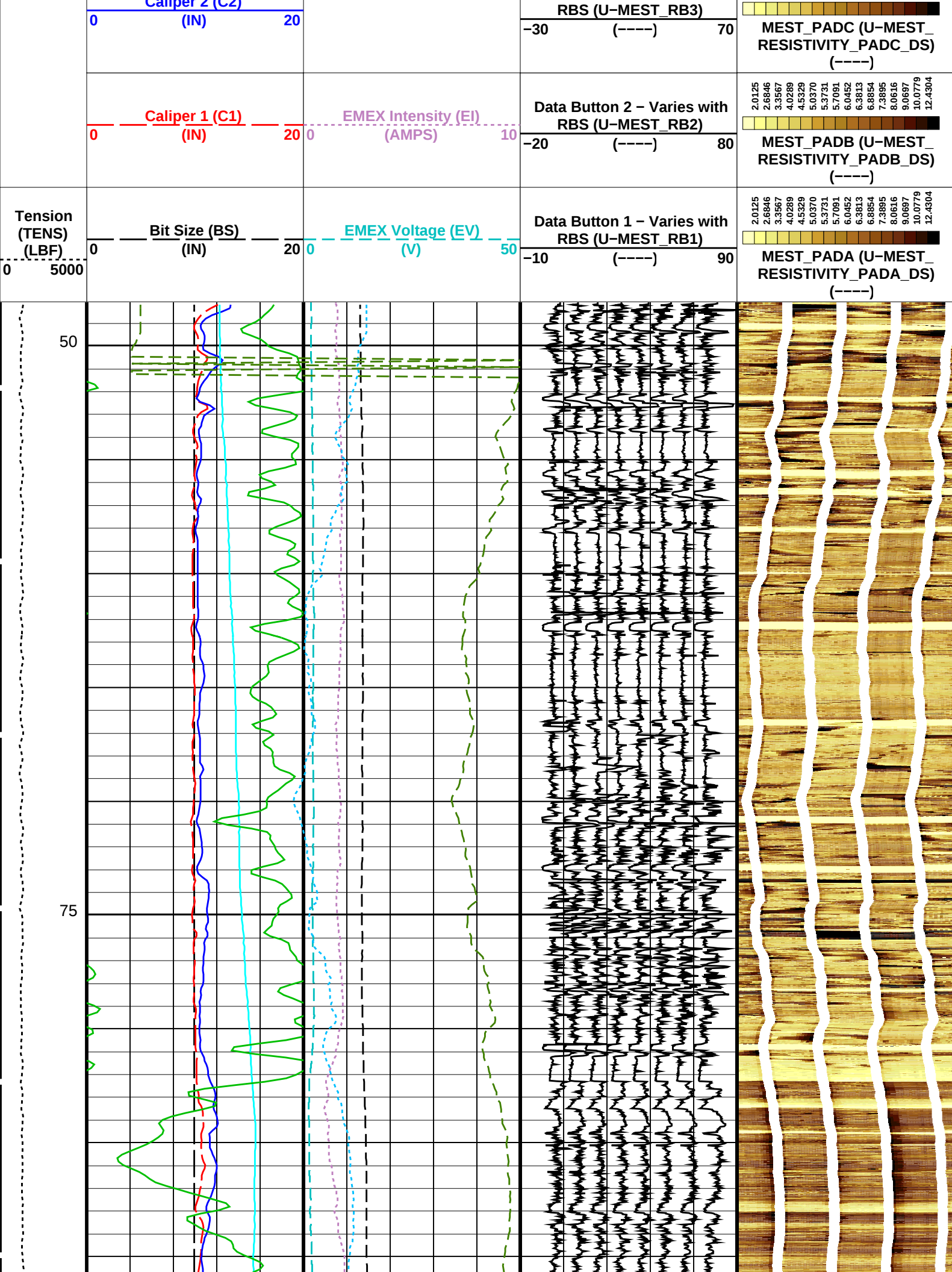
-40 (----) 60

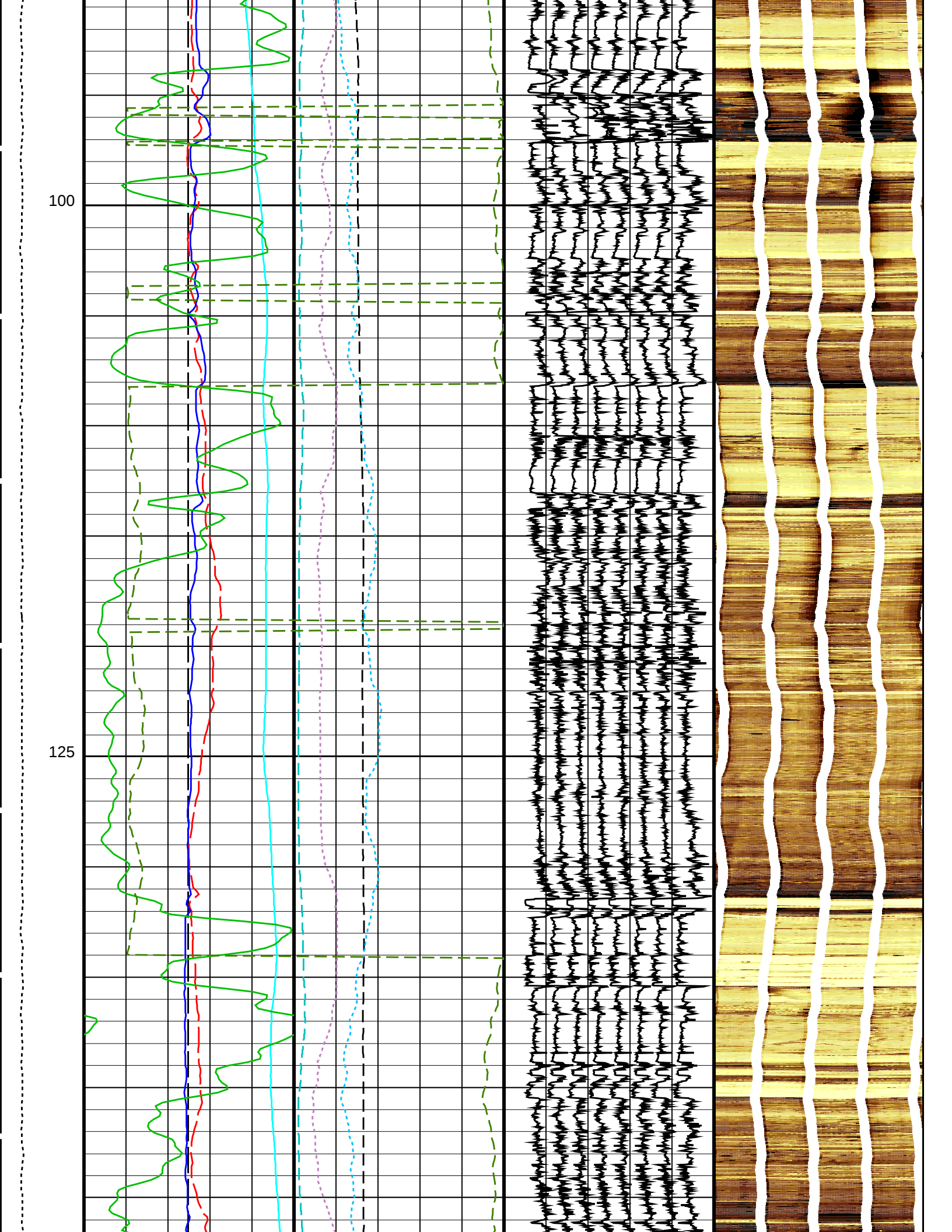
MEST_PADD (U-MEST_RESISTIVITY_PADD_DS)
(----)

2.0125 2.6846 3.3567 4.0289 4.5329 5.0370 5.3731 5.7091 6.0452 6.3813 6.8854 7.3895 8.0616 9.0697 10.0779 12.4304

Data Button 3 - Varies with

2.0125 2.6846 3.3567 4.0289 4.5329 5.0370 5.3731 5.7091 6.0452 6.3813 6.8854 7.3895 8.0616 9.0697 10.0779 12.4304

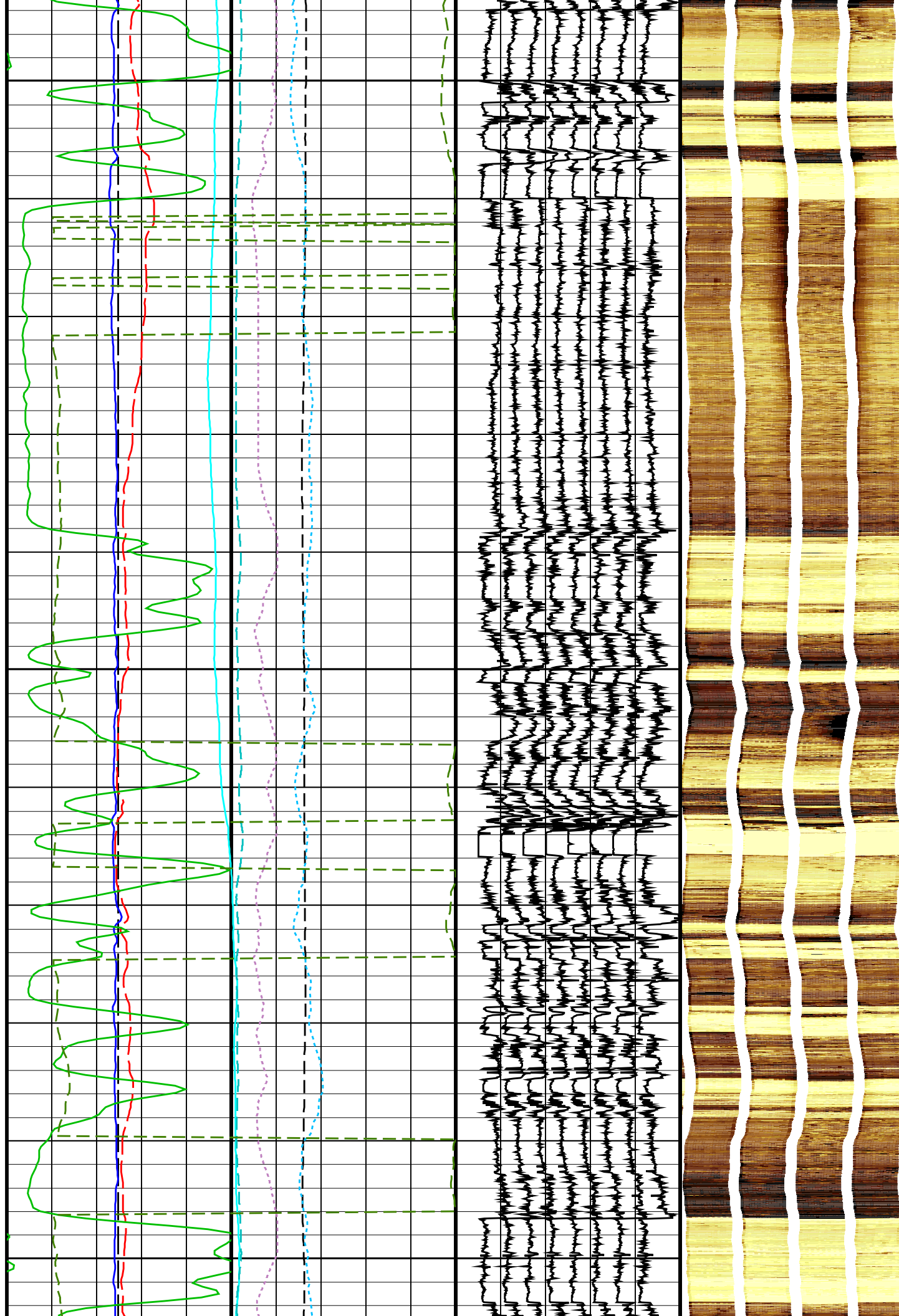


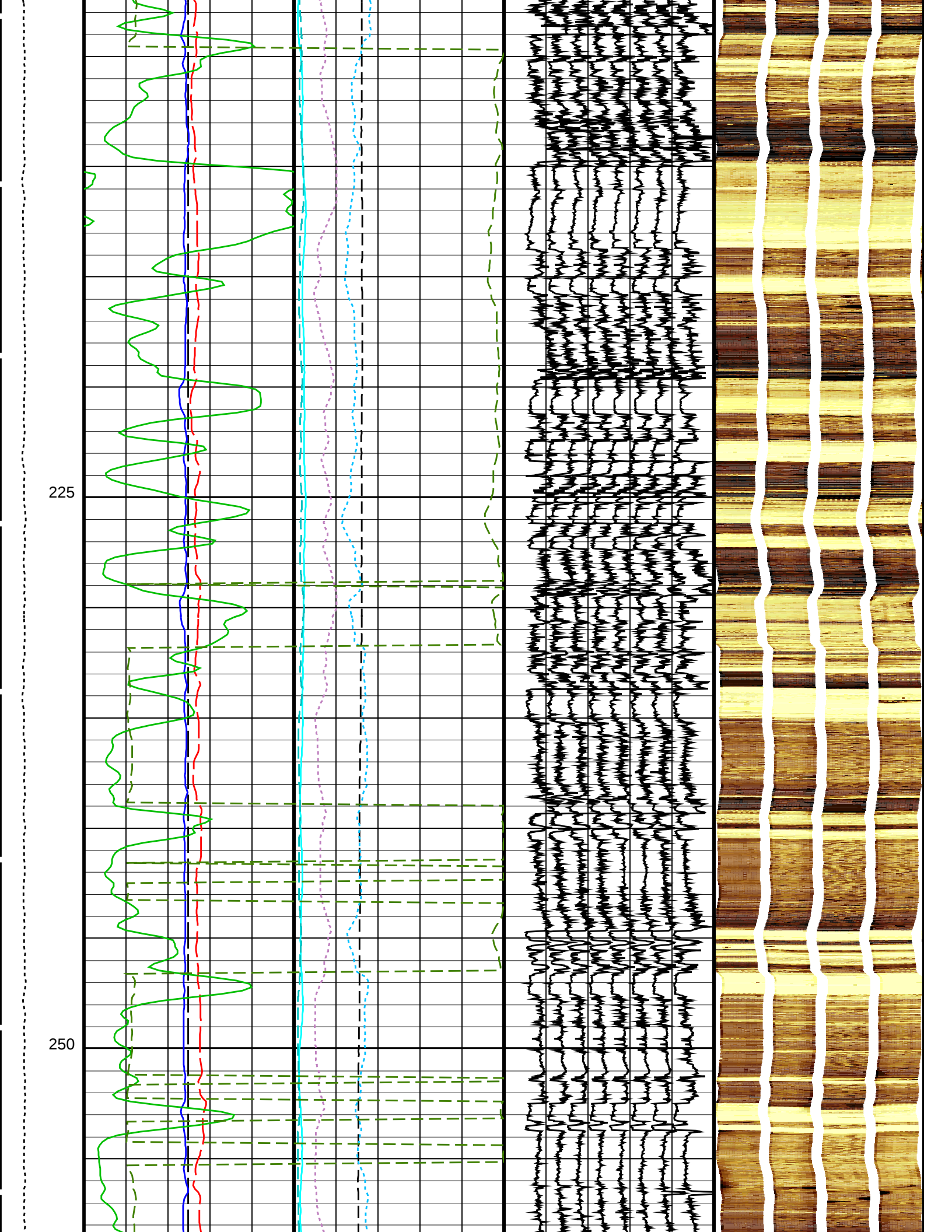


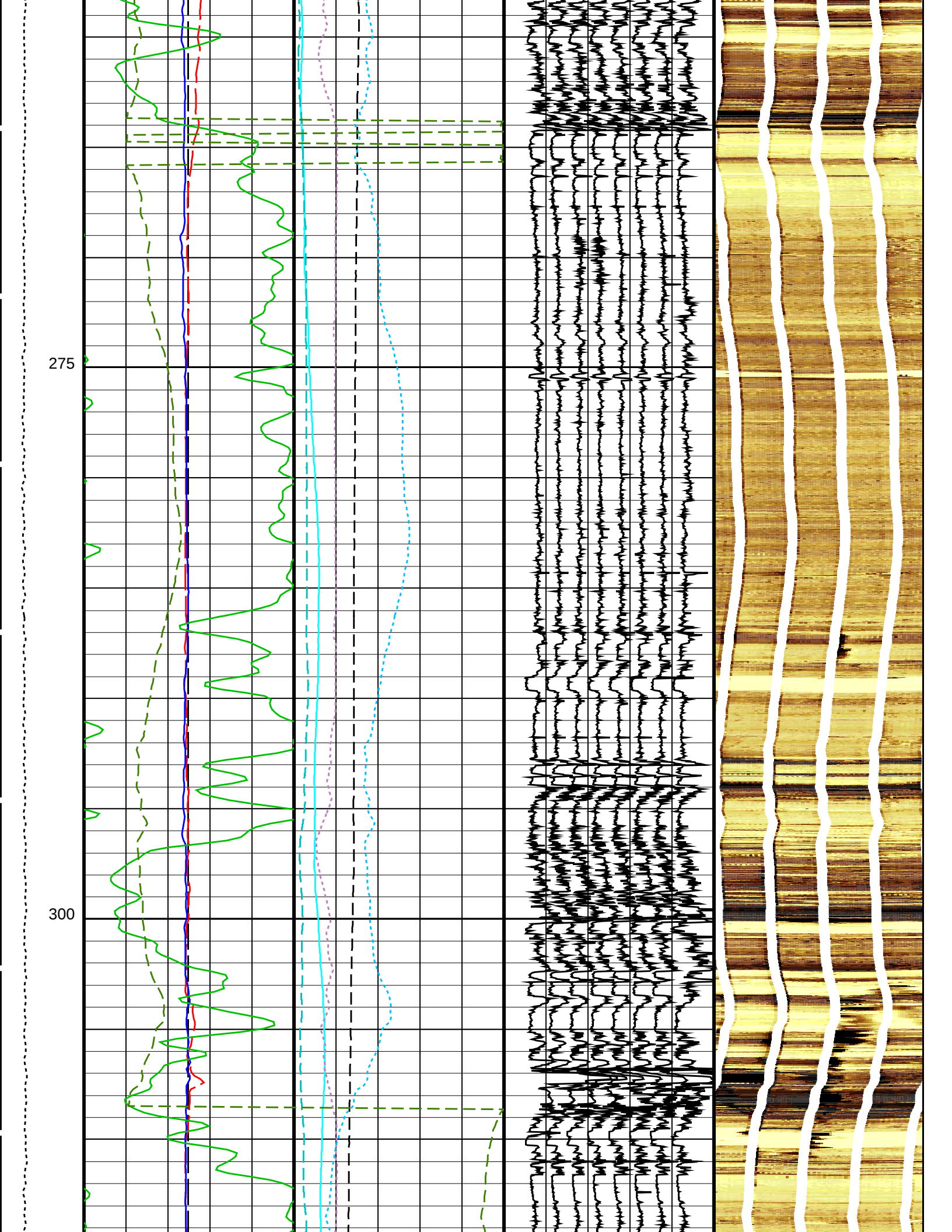
150

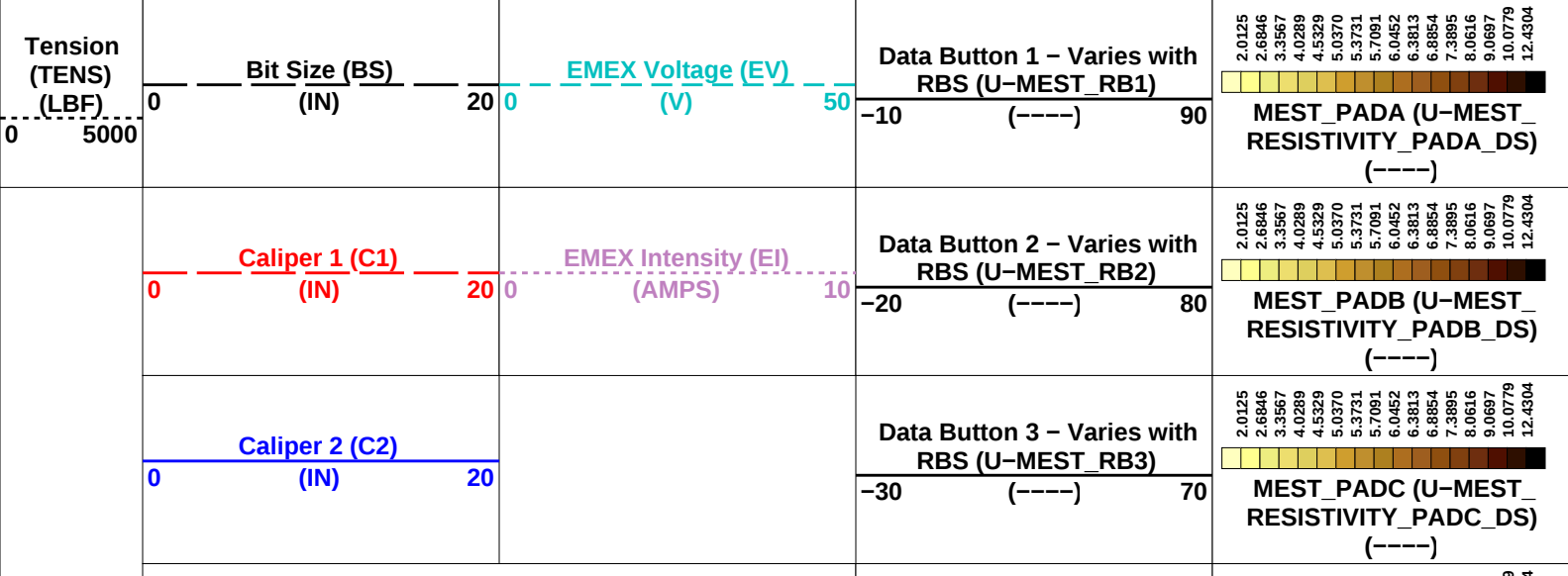
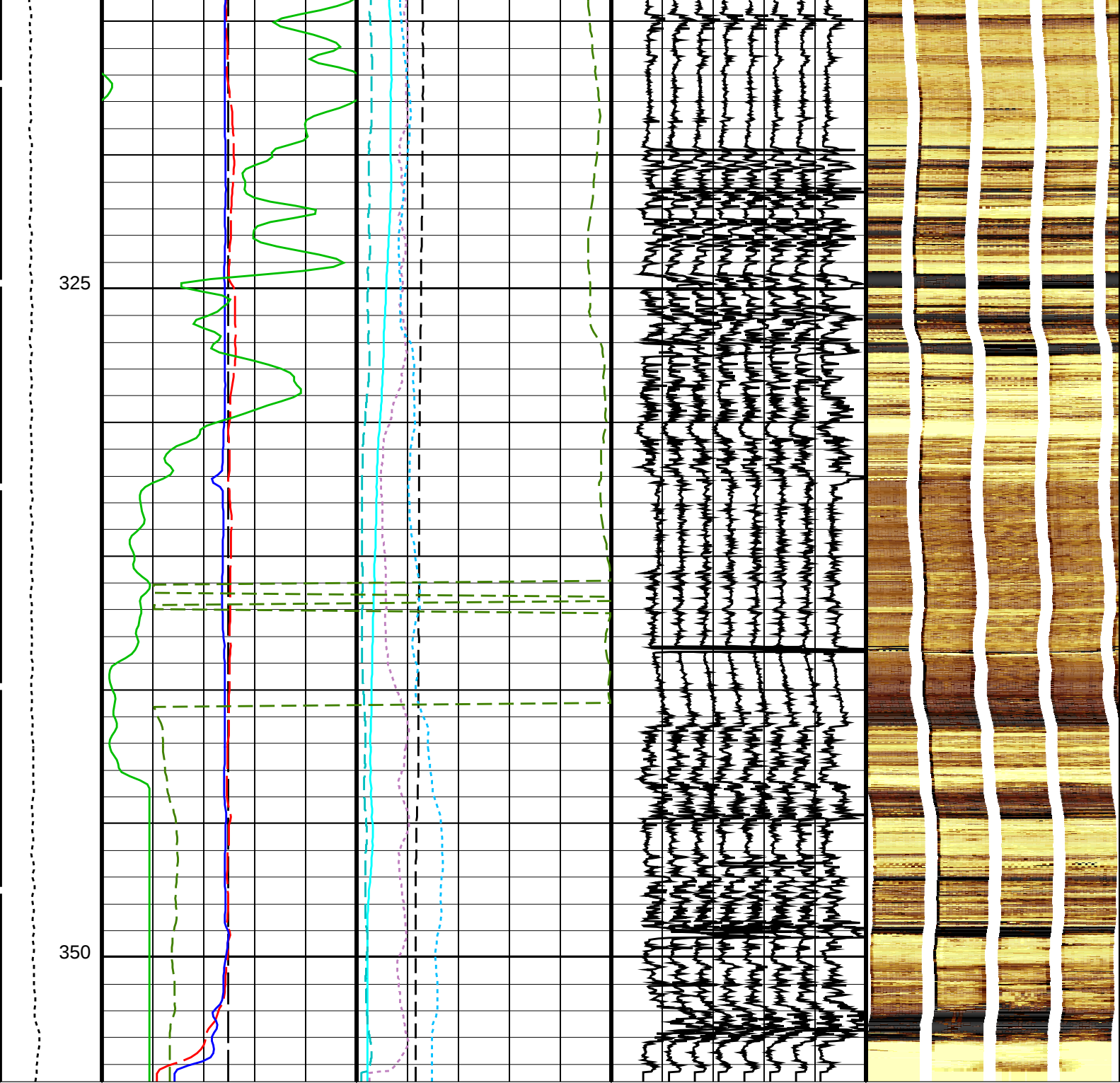
175

200









Deviation (DEVIM) 0 (DEG) 10		Data Button 4 – Varies with RBS (U-MEST_RB4) -40 (----) 60	2.0125 2.6846 3.3567 4.0289 4.5329 5.0370 5.3731 5.7091 6.0452 6.3813 6.6854 7.3895 8.0616 8.0697 10.077 12.430 MEST_PADD (U-MEST_RESISTIVITY_PADD_DS) (----)
Gamma Ray (GR_EDTC) 0 (GAPI) 150		Data Button 5 – Varies with RBS (U-MEST_RB5) -50 (----) 50	
Hole Azimuth (HAZIM) -40 (DEG) 360		Data Button 6 – Varies with RBS (U-MEST_RB6) -60 (----) 40	
Pad One Azimuth (P1AZ_MEST) -40 (DEG) 360		Data Button 7 – Varies with RBS (U-MEST_RB7) -70 (----) 30	
Relative Bearing (RB_MEST) -40 (DEG) 360		Data Button 8 – Varies with RBS (U-MEST_RB8) -80 (----) 20	

PIP SUMMARY		
Time Mark Every 60 S		

Parameters		
DLIS Name	Description	Value
MEST-B: Micro Electrical Scanner – B (Slim)		
AFMO	Accelerometer Filtering Mode	MOVING_AVERAGE
ICMO	Inclinometry Computation Mode	AUTOMATIC_SELECTION
MDEC	Magnetic Field Declination	-46.0226 DEG
MLM	MEST Logging Mode	SCAN1800
RBS	Resistivity Button Selection	AUTO
XGAI	Gain	GAIN_2
XOFF	Offset	OFFSET_0
System and Miscellaneous		
BS	Bit Size	9.875 IN
DO	Depth Offset for Playback	-232.3 M
PP	Playback Processing	NORMAL

Format: MEST_C_WRAP_BY_P1AZ	Vertical Scale: 1:200	Graphics File Created: 25-Aug-2012 12:50
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OP System Version: 19C0-187			
MEST-B	19C0-187	DTA-A	19C0-187
EDTC-B	SKK-5169-EDTCB		

Input DLIS Files						
DEFAULT	FMS_031LUP	FN:38	PRODUCER	22-Aug-2012 06:50	586.9 M	280.2 M
Output DLIS Files						
DEFAULT	FMS_066PUP	FN:83	PRODUCER	25-Aug-2012 12:50		
CLIENT	FMS_066PUC	FN:84	CUSTOMER	25-Aug-2012 12:50		



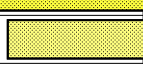
Calibration and Check Summary							
Measurement	Nominal	Master	Before	After	Change	Limit	Units
Micro Electrical Scanner – B (Slim) Wellsite Calibration – Caliper Calibration							
Before: Calibration out of date 23-Jul-2012 14:22							
Caliper 1 Zero Measurement	12.00	N/A	12.70	N/A	N/A	N/A	IN
Caliper 2 Zero Measurement	12.00	N/A	12.52	N/A	N/A	N/A	IN
Caliper 1 Plus Measurement	15.19	N/A	15.83	N/A	N/A	N/A	IN
Caliper 2 Plus Measurement	15.19	N/A	15.63	N/A	N/A	N/A	IN
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 22-Aug-2012 4:59							
TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	99	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	743	N/A	N/A	N/A	
Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET MAGNETOMETER PROM HAS BEEN READ CORRECTLY							
Before: 22-Aug-2012 4:59							
TEMPERATURE REFERENCE :	N/A	N/A	23	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	9	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	507	N/A	N/A	N/A	
Enhanced DTS Cartridge Wellsite Calibration – EDTC Accelerometer Calibration							
Before: 21-Aug-2012 17:57							
EDTC Z-Axis Acceleration	9.810	N/A	9.859	N/A	N/A	N/A	M/S2
Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration							
Before: 21-Aug-2012 17:45 After: 21-Aug-2012 20:57							
Gamma Ray (Jig – Bkg)	163.2	N/A	163.2	162.5	-0.6715	14.83	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.0	164.3	-0.6790	15.00	GAPI

Micro Electrical Scanner – B (Slim) / Equipment Identification			
Primary Equipment:			
MEST Sonde – B	MEDS – B	724	
MEST Preamplifier Cartridge – AB	MEPC – AB	807	
GPIT Cartridge – A	GPIC – A	719	
MEST Acquisition Cartridge – A	MEAC – A	875	
Auxiliary Equipment:			
MEST-B Preamplifier Cartridge Housing	MEPH – A	702	
MEST Acquisition Cartridge Housing (Slim)	MEAH – B	769	

Enhanced DTS Cartridge / Equipment Identification			
Primary Equipment:			
EDTC Gamma Ray Detector	EDTG – A/B	77693	
Enhanced DTS Cartridge	EDTC – B	8529	
Auxiliary Equipment:			
EDTC Housing	EDTH – B	8528	

Enhanced DTS Cartridge Wellsite Calibration			
EDTC Accelerometer Calibration			
Phase	EDTC Z-Axis Acceleration M/S2	Value	
Before		9.859	
	9.610 (Minimum)	9.810 (Nominal)	10.01 (Maximum)
Before: 21-Aug-2012 17:57			

Enhanced DTS Cartridge Wellsite Calibration									
Detector Calibration									
Phase	Gamma Ray Background GAPI	Value	Phase	Gamma Ray (Jig – Bkg) GAPI	Value	Phase	Gamma Ray (Calibrated) GAPI	Value	
Before		1.756	Before		163.2	Before		165.0	

After		4.001	After		162.5	After		164.3
0	30.00	120.0	148.3	163.2	178.0	150.0	165.0	180.0
(Minimum)	(Nominal)	(Maximum)	(Minimum)	(Nominal)	(Maximum)	(Minimum)	(Nominal)	(Maximum)
Before: 21-Aug-2012 17:45			After: 21-Aug-2012 20:57					

Company: **Lamont Doherty Earth Observatory**
Shell
Well: **Expedition 344S, U0080A (USC80)**
Field: **Baffin Bay**
Rig: **JOIDES Resolution**
Country: **USA**

Schlumberger

FMS
Micro-Resistivity