

COMPANY: Lamont Doherty

WELL: ODP Leg 194, Site 1194B

FIELD: Marion Plateau

Country: Australia Ocean: Pacific Ocean

**Schlumberger** Natural Gamma Ray

Country: Australia  
Field: Marion Plateau  
Location: Rig- Joides Resolution  
Well: ODP Leg 194, Site 1194B  
Company: Lamont Doherty

LOCATION		GROUND LEVEL		Elev.:	
Rig- Joides Resolution				K.B.	11.3 m
				G.L.	-384.8 m
				D.F.	11 m
Permanent Datum: _____		_____		Elev.: _____	
Log Measured From: _____		DES _____		above Perm. Datum	
Drilling Measured From: _____		DES _____			
API Serial No.:	SECTION	TOWNSHIP	RANGE		

Logging Date	1-25-01			
Run Number	1			
Depth Driller	812.17 m			
Schlumberger Depth	809 m			
Bottom Log Interval	807 m			
Top Log Interval	376 m			
Casing Driller Size @ Depth	0.000 in	@	463.73 m	@
Casing Schlumberger	461 m			
Bit Size	9.875 in			
Type Fluid In Hole				
Density	1.1 g/cm3			
Fluid Loss	PH			
Source Of Sample				
RM @ Measured Temperature	@		@	
RMF @ Measured Temperature	@		@	
RMC @ Measured Temperature	@		@	
Source RMF	RMC			
RM @ MRT	RMF @ MRT	@	@	@
Maximum Recorded Temperatures				
Circulation Stopped	Time	1/25/01	0200	
Logger On Bottom	Time	1/25/01	See Log	
Unit Number	Location	99	Houston	
Recorded By		Steve Kittredge		
Witnessed By		Heike Delius, Gregor Eberli		

	Run 1	Run 2	Run
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			
Density			
Fluid Loss			
Source Of Sample			
RM @ Measured Temperature	@		@
RMF @ Measured Temperature	@		@
RMC @ Measured Temperature	@		@
Source RMF	RMC		
RM @ MRT	RMF @ MRT	@	@
Maximum Recorded Temperatures			
Circulation Stopped	Time		
Logger On Bottom	Time		
Unit Number	Location		
Recorded By			
Witnessed By			

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			
Density			
Fluid Loss			
Source Of Sample			
RM @ Measured Temperature	@		@
RMF @ Measured Temperature	@		@
RMC @ Measured Temperature	@		@
Source RMF	RMC		
RM @ MRT	RMF @ MRT	@	@
Maximum Recorded Temperatures			
Circulation Stopped	Time		
Logger On Bottom	Time		
Unit Number	Location		
Recorded By			
Witnessed By			

**DISCLAIMER**



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.

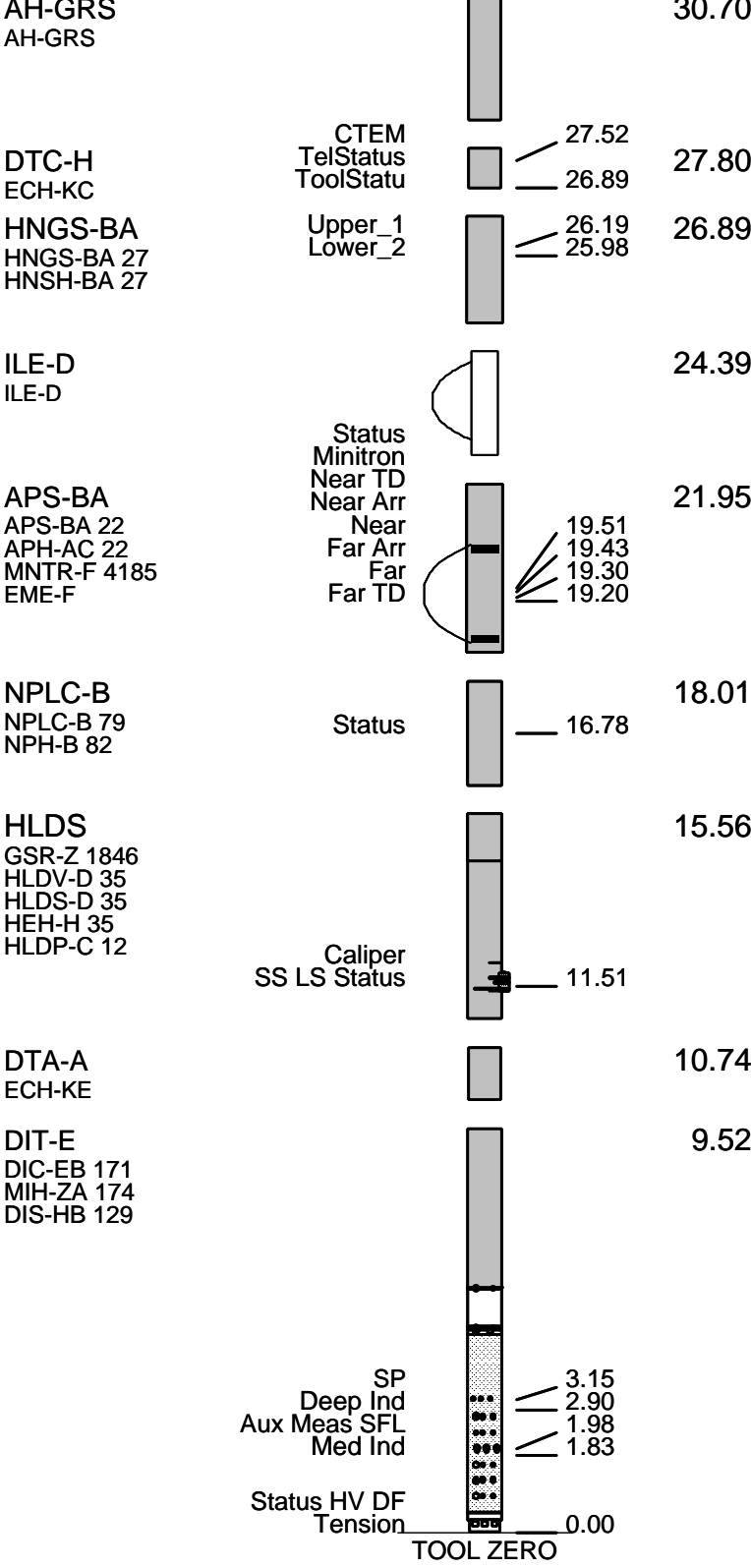
OTHER SERVICES1 OS1: MESTB/DSI OS2: WSTA OS3: OS4: OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
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REMARKS: RUN NUMBER 1 Hole Cored With RCB. WHC used on all runs. Seas calm. Log Measured in Meters Below Rig Floor (MBRF). TD Driller- 812.17 MBRF. Sea Floor Driller- 384.8 MBRF. TD Logger- 809 MBRF. Sea Floor Logger- 385 MBRF. Drill Pipe Logger- 461 MBRF. Drill Pipe Driller- 464 MBRF.	REMARKS: RUN NUMBER 2
Lamont NGT run on pass #2.	

RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:		9C1-303	PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

**EQUIPMENT DESCRIPTION**

RUN 1		RUN 2	
<b>SURFACE EQUIPMENT</b>			
SFT-281 24 SFT-178 4722 GSR-U 135 WITM (DTS)-A			
<b>DOWNHOLE EQUIPMENT</b>			
LEH-QT		34.33	
LEH-QT			
AH-GRC		33.44	
AH-GRC			



MAXIMUM STRING DIAMETER 3.88 IN  
 MEASUREMENTS RELATIVE TO TOOL ZERO  
 ALL LENGTHS IN METERS

### Output DLIS Files

DEFAULT	DITE .006	FN:8	PRODUCER	25-Jan-2001 07:48	809.2 M	375.7 M
TCOMBO	DITE .006	FN:9	PRODUCER	25-Jan-2001 07:48	809.2 M	375.7 M

OP System Version: 9C1-303  
MCM

MAIN UP LOG

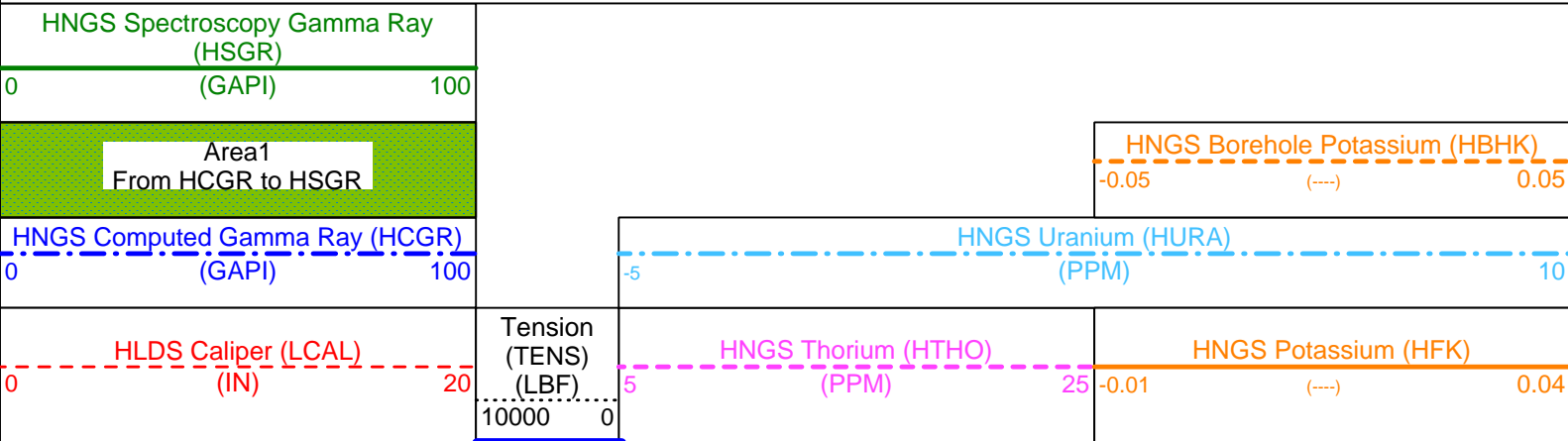
DIT-E	OP91-kp2	DTA-A	OP91-kp2
HLDS	OP91-kp2	NPLC-B	OP91-kp2
APS-BA	OP91-kp2	HNGS-BA	OP91-kp2
DTC-H	OP91-kp2		

### Changed Parameter Summary

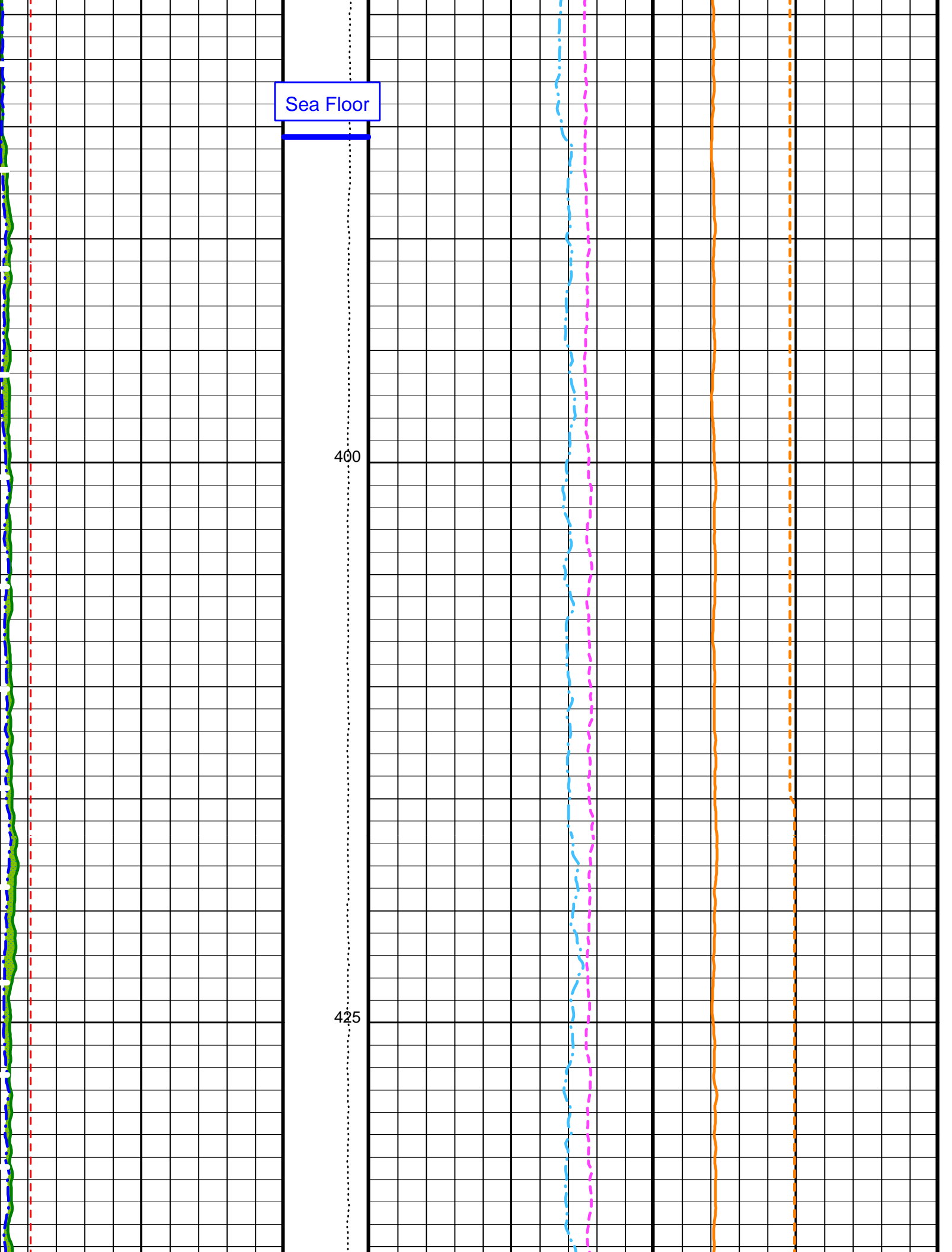
DLIS Name	New Value	Previous Value	Depth & Time
GCSE	BS	LCAL	495.3 09:02:01

#### PIP SUMMARY

▶ Time Mark Every 60 S



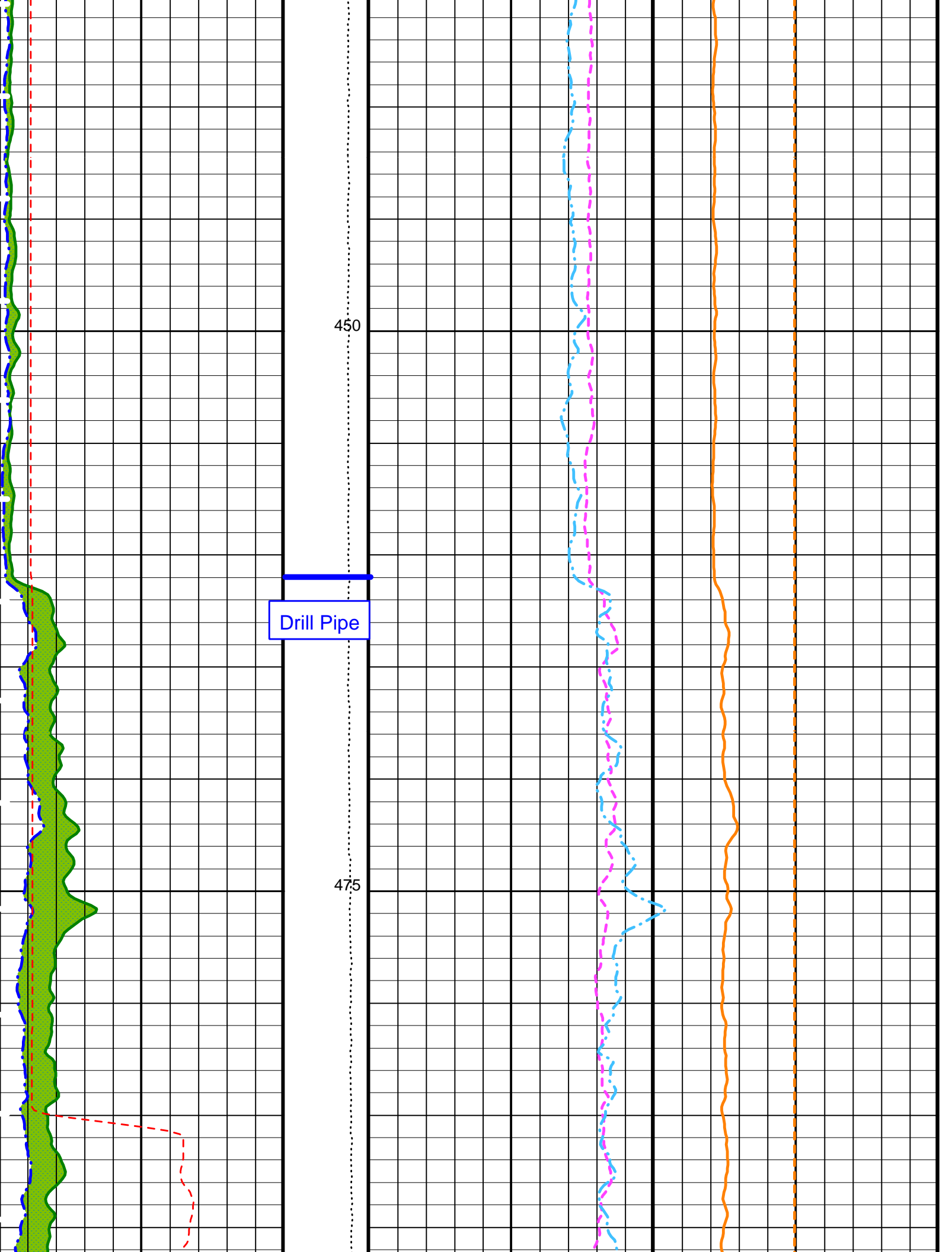
Last Reading



Sea Floor

400

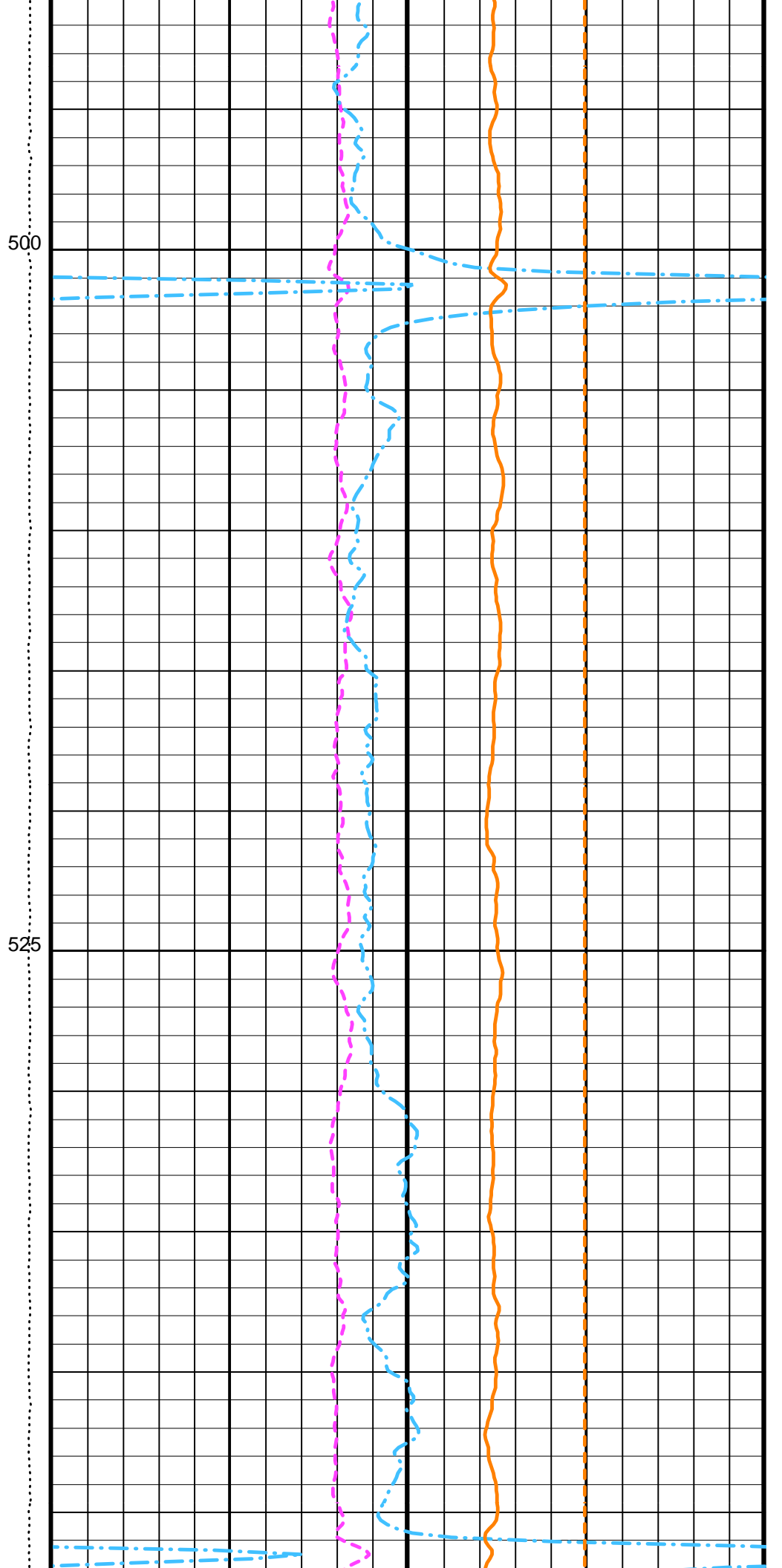
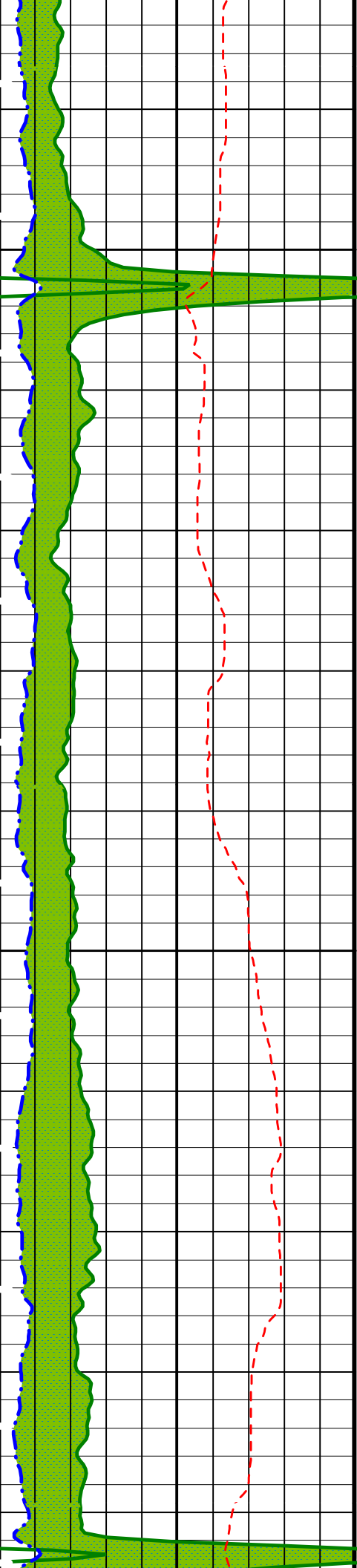
425

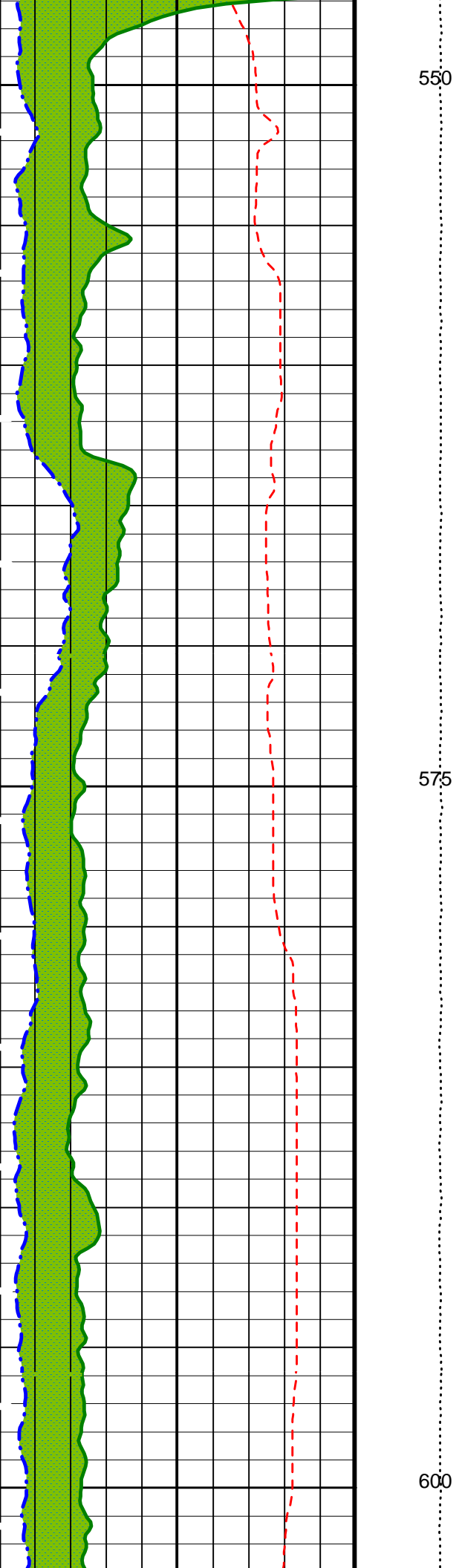


Drill Pipe

450

475





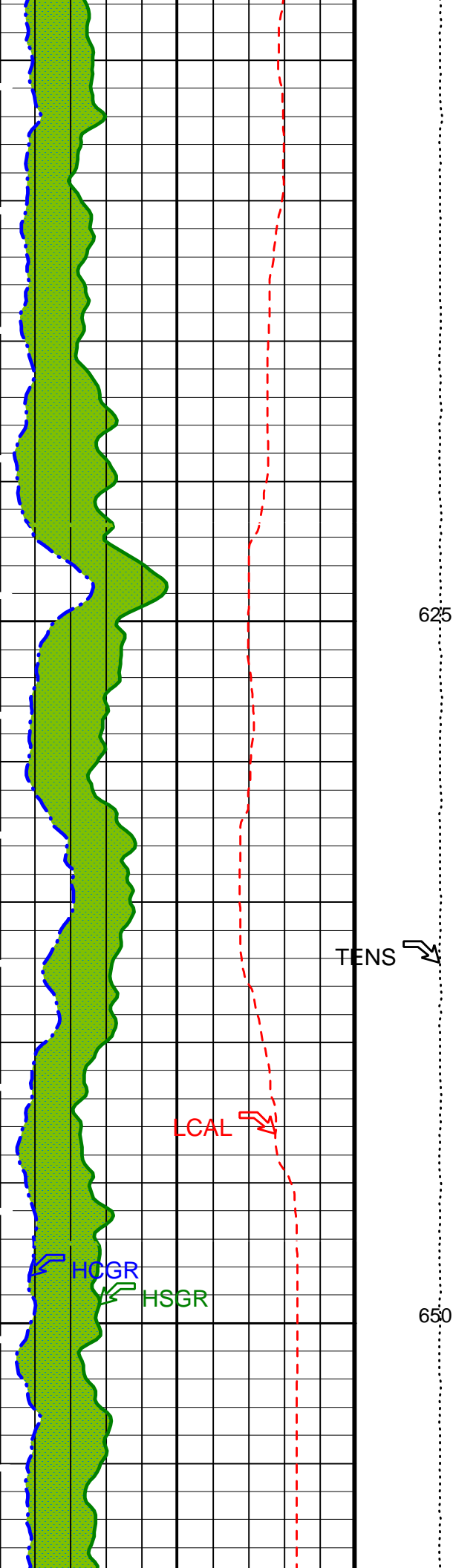
550

575

600







625

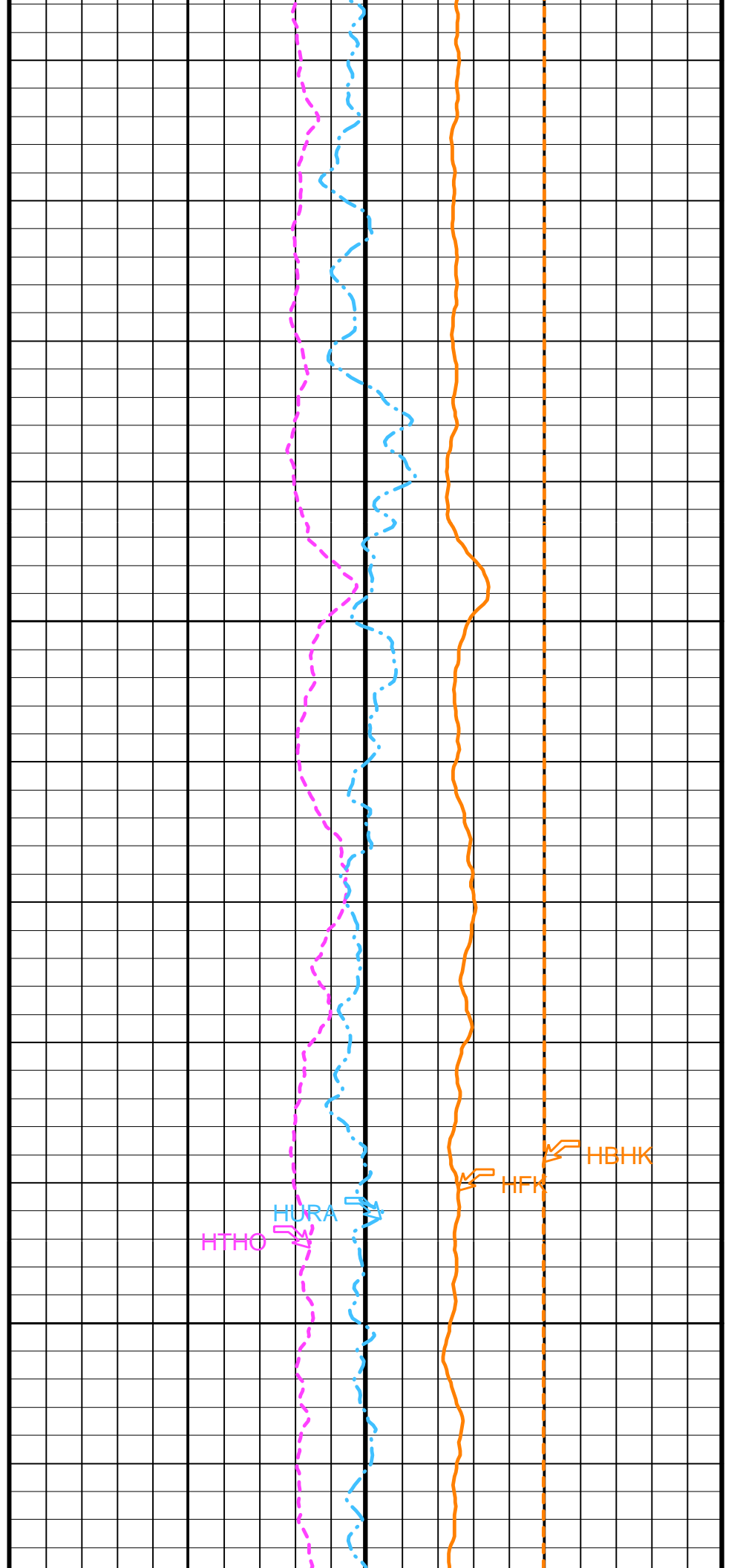
TENS →

LCAL →

HGR →

HGR →

650

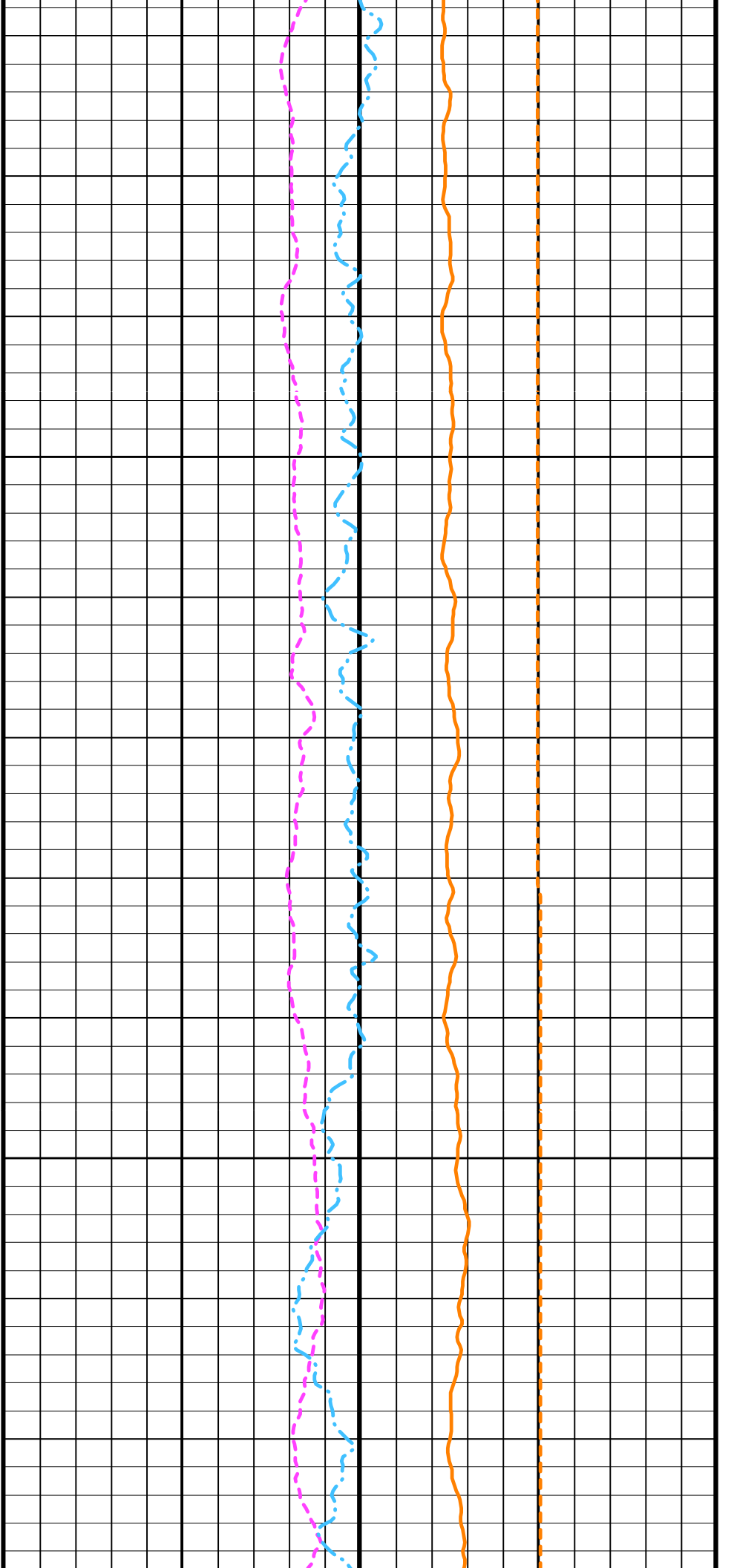
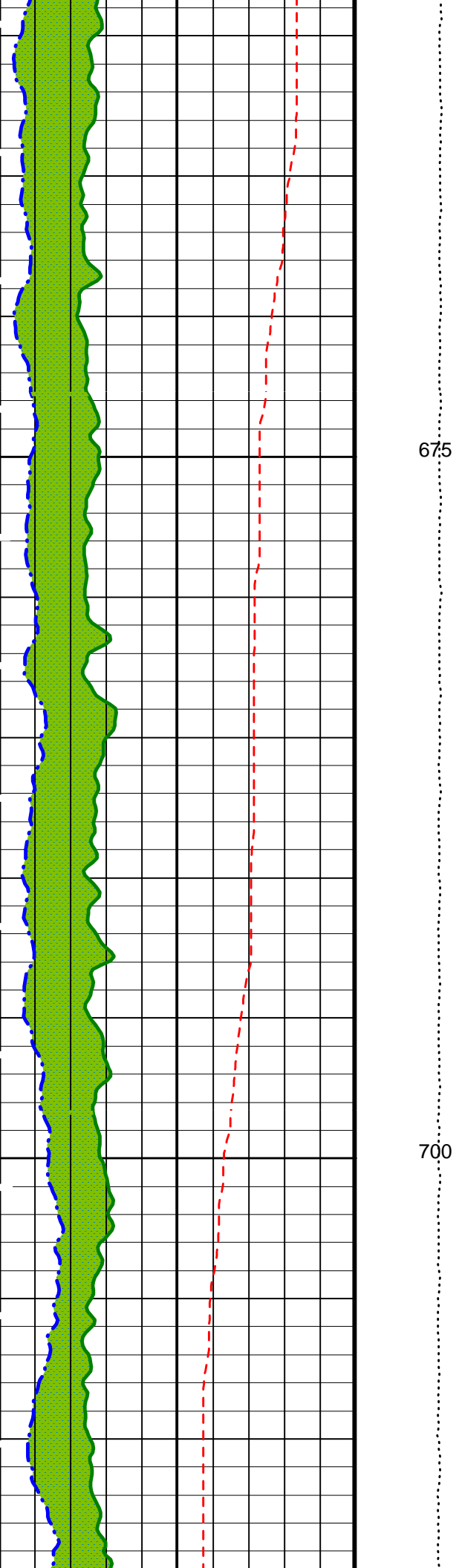


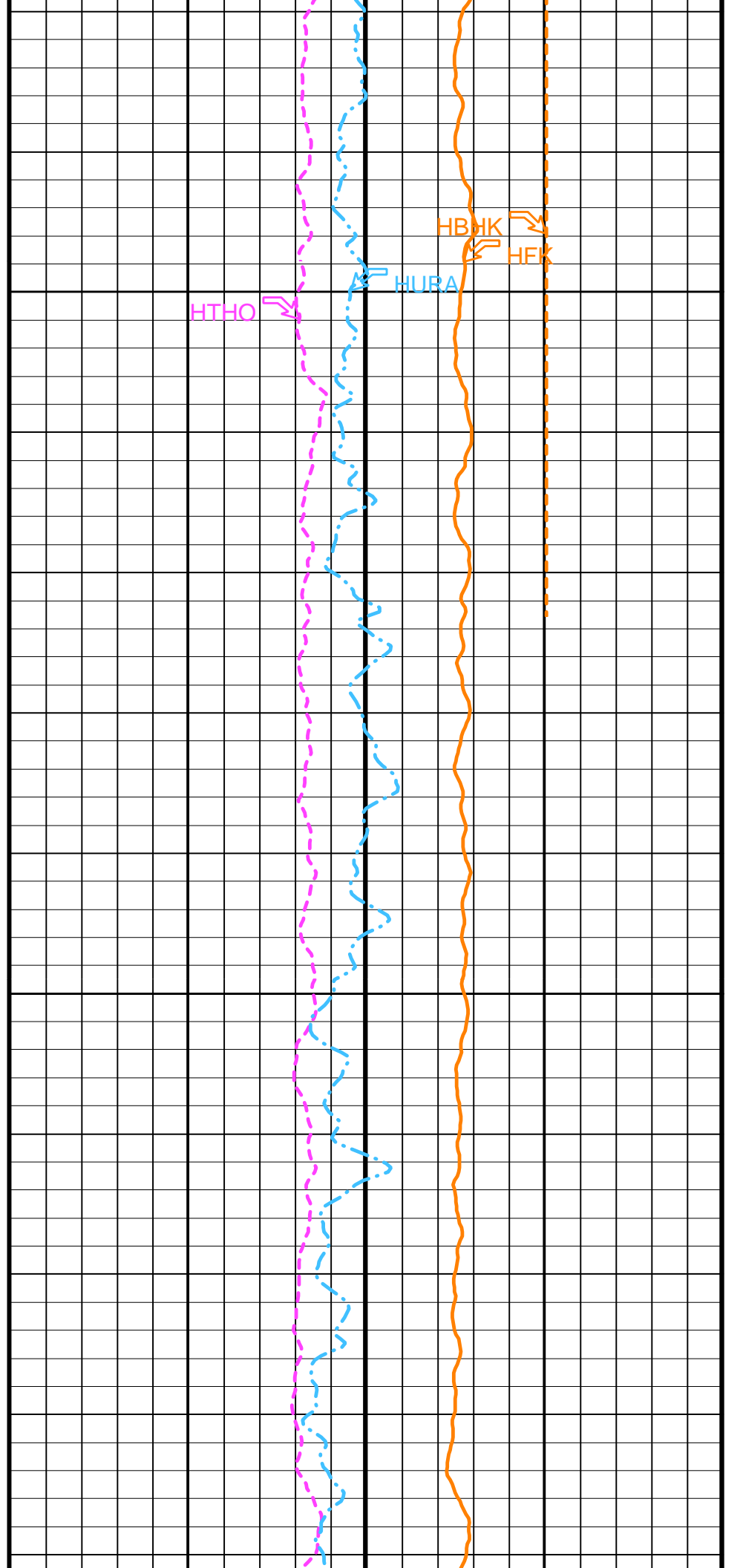
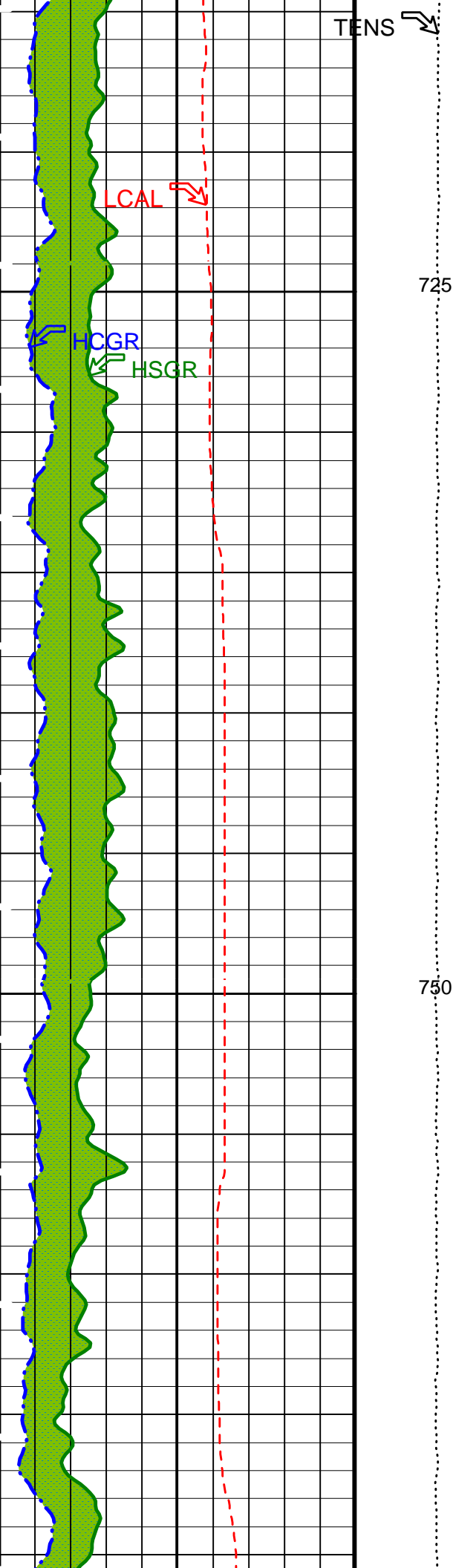
HTHO →

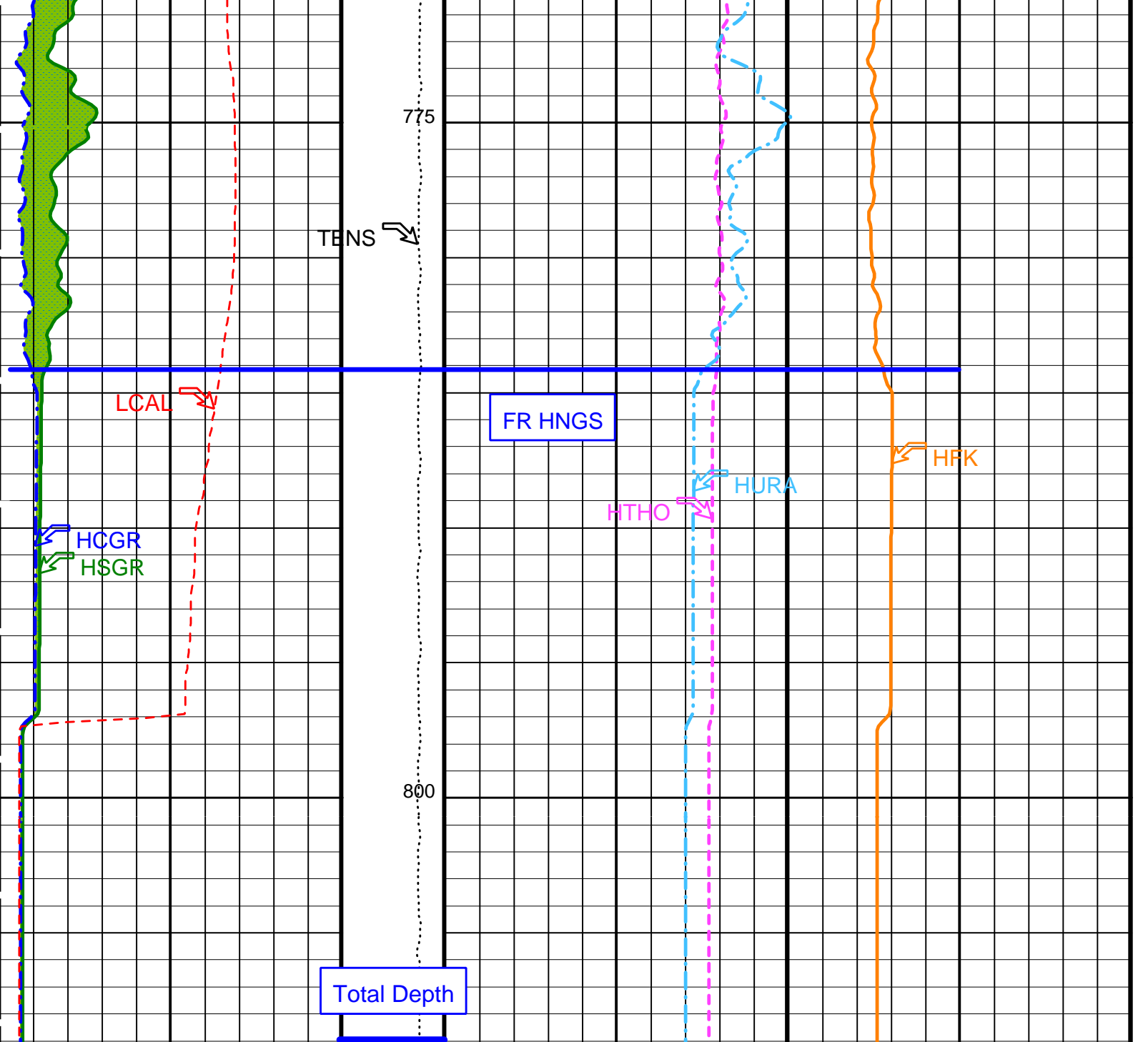
HRA →

HFK →

HBHK →







HLDS Caliper (LCAL) (IN)	Tension (TENS) (LBF)	HNGS Thorium (HTHO) (PPM)	HNGS Potassium (HFK) (---)
0 20	10000 0	5 25	-0.01 0.04
HNGS Computed Gamma Ray (HCGR) (GAPI)		HNGS Uranium (HURA) (PPM)	
0 100		-5 10	
Area1 From HCGR to HSGR			HNGS Borehole Potassium (HBHK) (---)
HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)			-0.05 0.05
0 100			

PIP SUMMARY

Time Mark Every 60 S

### Parameters

DLIS Name	Description	Value
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BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
BKSF	HNGS Borehole Fluid Excluder Sleeve Algorithm Factor	1	
BKSH	HNGS Borehole Fluid Excluder Sleeve Algorithm High Channel	245	
BKSL	HNGS Borehole Fluid Excluder Sleeve Algorithm Low Channel	17	
BS	Bit Size	9.875	IN
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
D1PR	HNGS Detector 1 Calibration Thorium Peak Resolution	7.79616	%
D1TC	HNGS Detector 1 Calibration Temperature	30.594	DEGC
D1TL	HNGS Detector 1 Calibration Thorium Peak Location	211.429	
D2PR	HNGS Detector 2 Calibration Thorium Peak Resolution	6.70686	%
D2TC	HNGS Detector 2 Calibration Temperature	29.6607	DEGC
D2TL	HNGS Detector 2 Calibration Thorium Peak Location	210.041	
DBCC	HNGS Barite Constant Correction Flag	NONE	
DFD	Drilling Fluid Density	1.10	G/C3
GCF1_START	HNGS Detector 1 GCF Constant	1	
GCF2_START	HNGS Detector 2 GCF Constant	1	
GCSE	Generalized Caliper Selection	LCAL	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	0	
HALF	HNGS Alpha Filter Length	60	IN
HATIM	HNGS Marquardt Accumulation Time	600	S
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
HSLV	HNGS Borehole Fluid Excluder Sleeve Status	NO	
HSVN	HNGS Spectral Standards Version Number	1.12469e-031	
MARQ_START	HNGS Marquardt Start-up Mode	INTERNAL	
RDF1_START	HNGS Detector 1 RDF Constant	0	
RDF2_START	HNGS Detector 2 RDF Constant	0	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S1NA	HNGS Detector 1 Calibration Sodium Count Rate	22.4203	CPS
S1NG	HNGS Detector 1 Calibration End-On / Side-On Gain Ratio	0.992953	
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
S2NA	HNGS Detector 2 Calibration Sodium Count Rate	22.621	CPS
S2NG	HNGS Detector 2 Calibration End-On / Side-On Gain Ratio	0.985234	
SABK	HNGS Statistical Uncertainty in Borehole Potassium Running Average	0	
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0	

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 25-Jan-2001 07:48

### OP System Version: 9C1-303

MCM

DIT-E	OP91-kp2	DTA-A	OP91-kp2
HLDS	OP91-kp2	NPLC-B	OP91-kp2
APS-BA	OP91-kp2	HNGS-BA	OP91-kp2
DTC-H	OP91-kp2		

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DEFAULT	DITE .006	FN:8	PRODUCER	25-Jan-2001 07:48
TCOMBO	DITE .006	FN:9	PRODUCER	25-Jan-2001 07:48

<b>COMPANY:</b>	Lamont Doherty	BOTTOM LOG INTERVAL	807 m
		SCHLUMBERGER DEPTH	809 m
<b>WELL:</b>	ODP Leg 194, Site 1194B	DEPTH DRILLER	812.17 m
<b>FIELD:</b>	Marion Plateau	KELLY BUSHING	11.3 m
<b>Country:</b>	Australia	DRILL FLOOR	11 m
<b>Ocean:</b>	Pacific Ocean	GROUND LEVEL	-384.8 m



Natural Gamma Ray

