Schlumberger

Company: **Lamont Doherty**

Well: **KKGH01 Site 1 Hole A**
Field: **Kerala Konkan Basin**
Rig: **Joides Resolution** Ocean: **Arabian Sea**

Rig: Joides Resolution
Field: Kerala Konkan Basin
Location: Rig– Joides Resolution
Well: KKGH01 Site 1 Hole A
Company: Lamont Doherty

Formation Micro–Scanner

LOCATION

Elev.:	K.B.	11.3 m	
	G.L.	–2674.2 m	
	D.F.	11 m	
Permanent Datum:	Mean Sea Level	Elev.:	0 m
Log Measured From:	Rig Floor	11.0 m	above Perm. Datum
Drilling Measured From:	Rig Floor		

API Serial No.	Max. Hole Devi.	Longitude	Latitude
		70* 54.192 E	15* 18.366 N

Logging Date			9–May–2006						Logging Date
Run Number			One						Run Number
Depth Driller			2964.2 m						Depth Driller
Schlumberger Depth			2958 m						Schlumberger Depth
Bottom Log Interval			2957 m						Bottom Log Interval
Top Log Interval			2735 m						Top Log Interval
Casing Driller Size @ Depth			0.000 in	@	2758 m		@		Casing Driller Size @ Depth
Casing Schlumberger			2735 m						Casing Schlumberger
Bit Size			9.875 in						Bit Size
Type Fluid In Hole			SepioLite/Barite						Type Fluid In Hole
MUD	Density	Viscosity	1.26 g/cm3						MUD Density / Viscosity
MUD	Fluid Loss	PH	0 cm3						MUD Fluid Loss / PH
MUD	Source Of Sample		Pit						MUD Source Of Sample
RM @ Measured Temperature			0.177 ohm.m	@	23 degC		@		RM @ Measured Temperature
RMF @ Measured Temperature			0.000 ohm.m	@			@		RMF @ Measured Temperature
RMC @ Measured Temperature			0.000 ohm.m	@			@		RMC @ Measured Temperature
Source RMF	RMC								Source RMF / RMC
RM @ MRT	RMF @ MRT		0.281 @ 7		@ 7	@		@	RM @ MRT / RMF @ MRT
Maximum Recorded Temperatures			7 degC						Maximum Recorded Temperatures
Circulation Stopped		Time	8–May–2006		16:00				Circulation Stopped / Time
Logger On Bottom		Time	9–May–2006		see log				Logger On Bottom / Time
Unit Number	Location		2082	Webster, TX					Unit Number / Location
Recorded By			Steve Kittredge						Recorded By
Witnessed By			S. Mrozewski A. Cook						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	OTHER SERVICES2
OS1: VSI	OS1:
OS2: DITE/EMS/	OS2:
OS3: HLDS/APS/HNGS	OS3:
OS4:	OS4:
OS5:	OS5:

REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
All parameters and presentations as per IODP standards	
Tool ran as per tool sketch below.	
Pass #1 stopped before entering pipe.	
10.5 ppg mud with Barite used to fill the hole.	
Go–Devil run on bottom of tool.	
Upper Dipole Low frequency, Lower Dipole	
P&S and Stonely modes run on both passes.	

RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:		12C0–301	PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

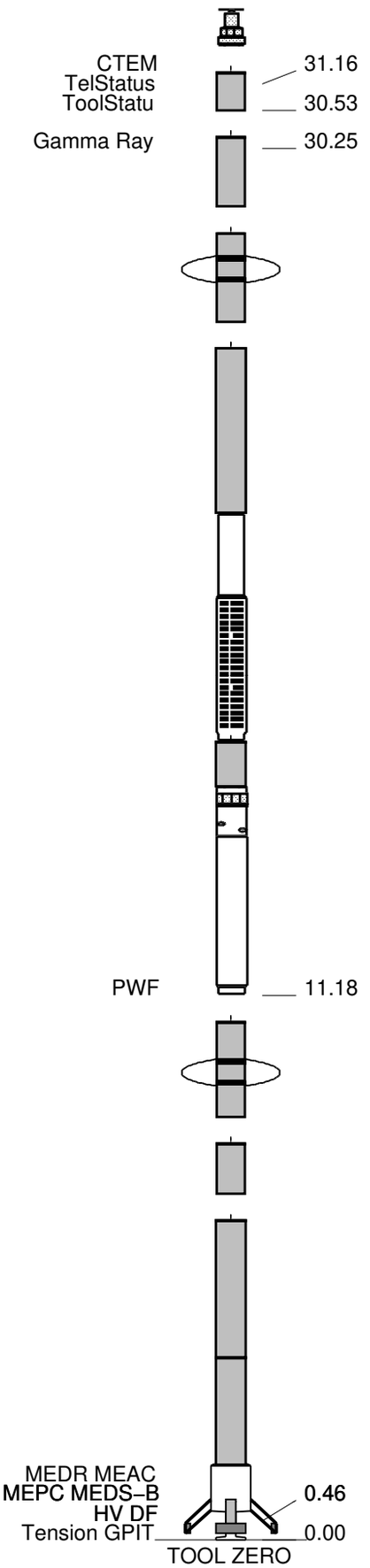
EQUIPMENT DESCRIPTION

RUN 1 RUN 2

SURFACE EQUIPMENT

GSR–U/Y 166
WITM (DTS)–A

DOWNHOLE EQUIPMENT

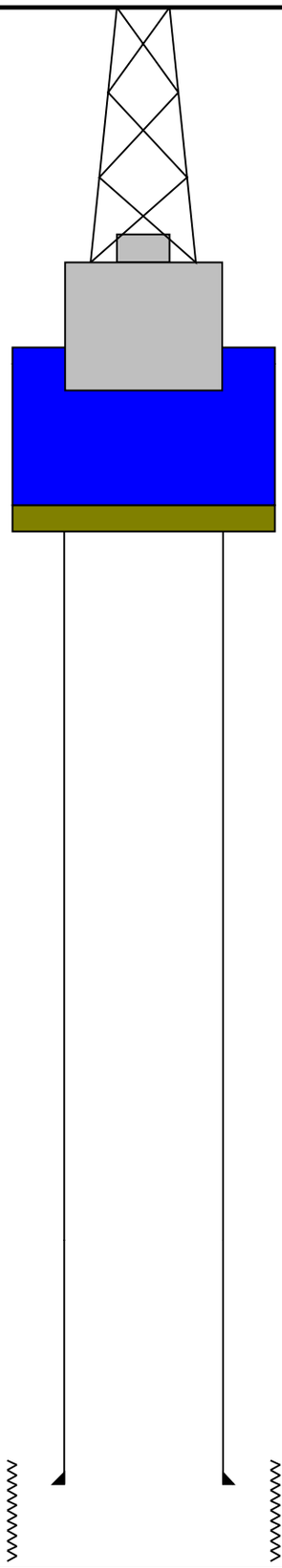


LEH–QT LEH–QT	32.33
DTC–H ECH–KC	31.44
SGT–N SGH–K 2443 SGC–TB 9582 SGD–TAA	30.53
AH–MCD AH–MCD	28.85
DSST–B SPAC–B 8128 ECH–SD 8128 SMDR–BD 8076 SSIJ–BA 8127 SMDX–AA 8148	26.73
AH–MCD AH–MCD	11.18
DTA–A ECH–KE DTA–A 8231	8.90
MEST–B MEAH–B 701 MEAC–A 804 MEPH–A 702 GPIC–A 840 MEPC–AB 807 MEDS–B 771	7.68

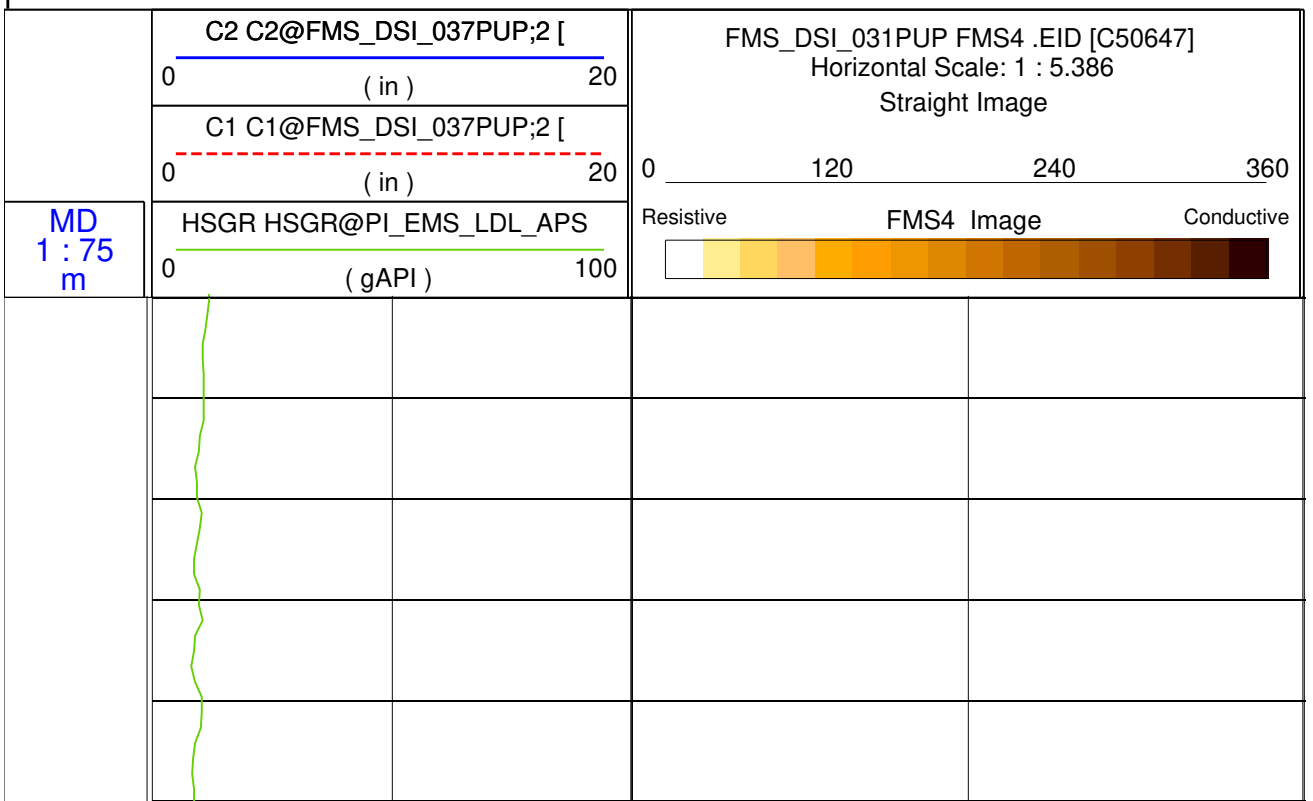
MAXIMUM STRING DIAMETER 4.50 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

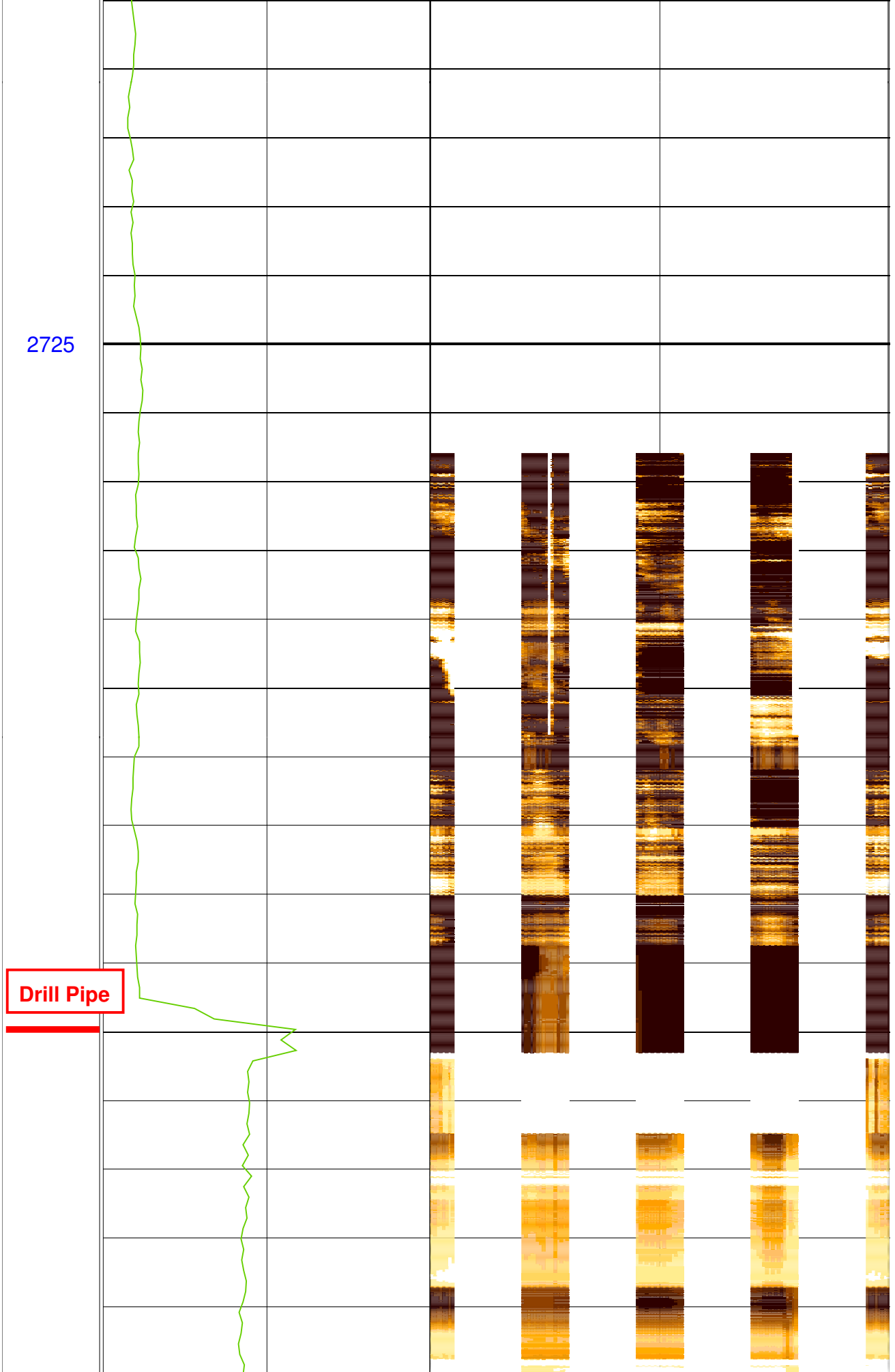
Production String	(in) OD	(in) ID	(m) MD
Kelly Bushing Elevation			11.3
Derrick Floor Elevation			11.0
Mean Sea Level			0.0

Well Schematic



(m) MD	(in) OD	(in) ID	Casing String
0.0	6.000		Casing String
2674.2	9.875		Borehole Segment
2742.4	9.875		Casing Shoe
2964.2	9.875		Borehole Segment Bottom


C2 C2@FMS_DSI_037PUP;2 [
0
(in)
20
C1 C1@FMS_DSI_037PUP;2 [
0
(in)
20
MD
1 : 75
m
HSGR HSGR@PI_EMS_LDL_APS
0
(gAPI)
100
FMS_DSI_031PUP FMS4 .EID [C50647]
Horizontal Scale: 1 : 5.386
Straight Image
0
120
240
360
Resistive
FMS4 Image
Conductive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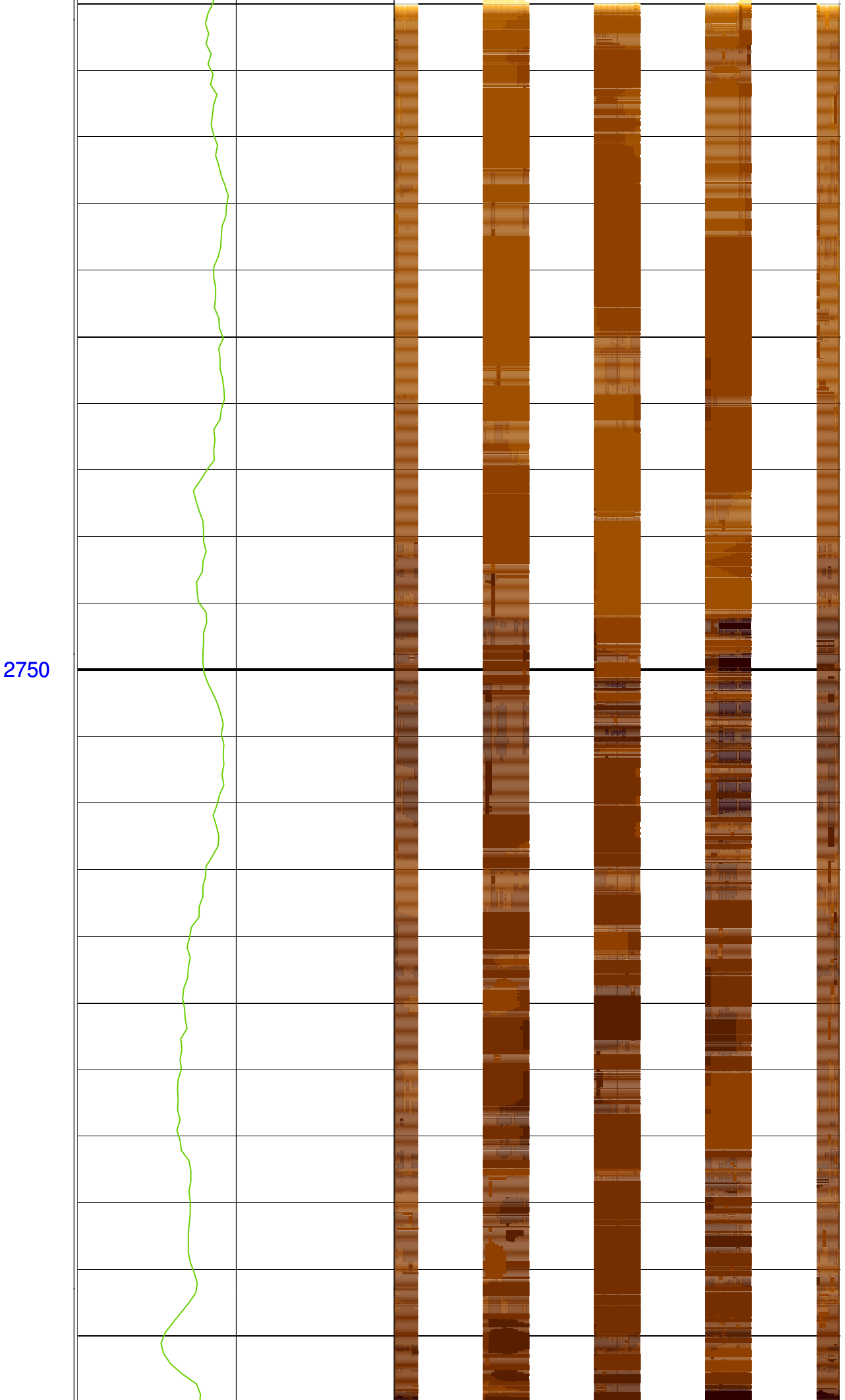
Drill Pipe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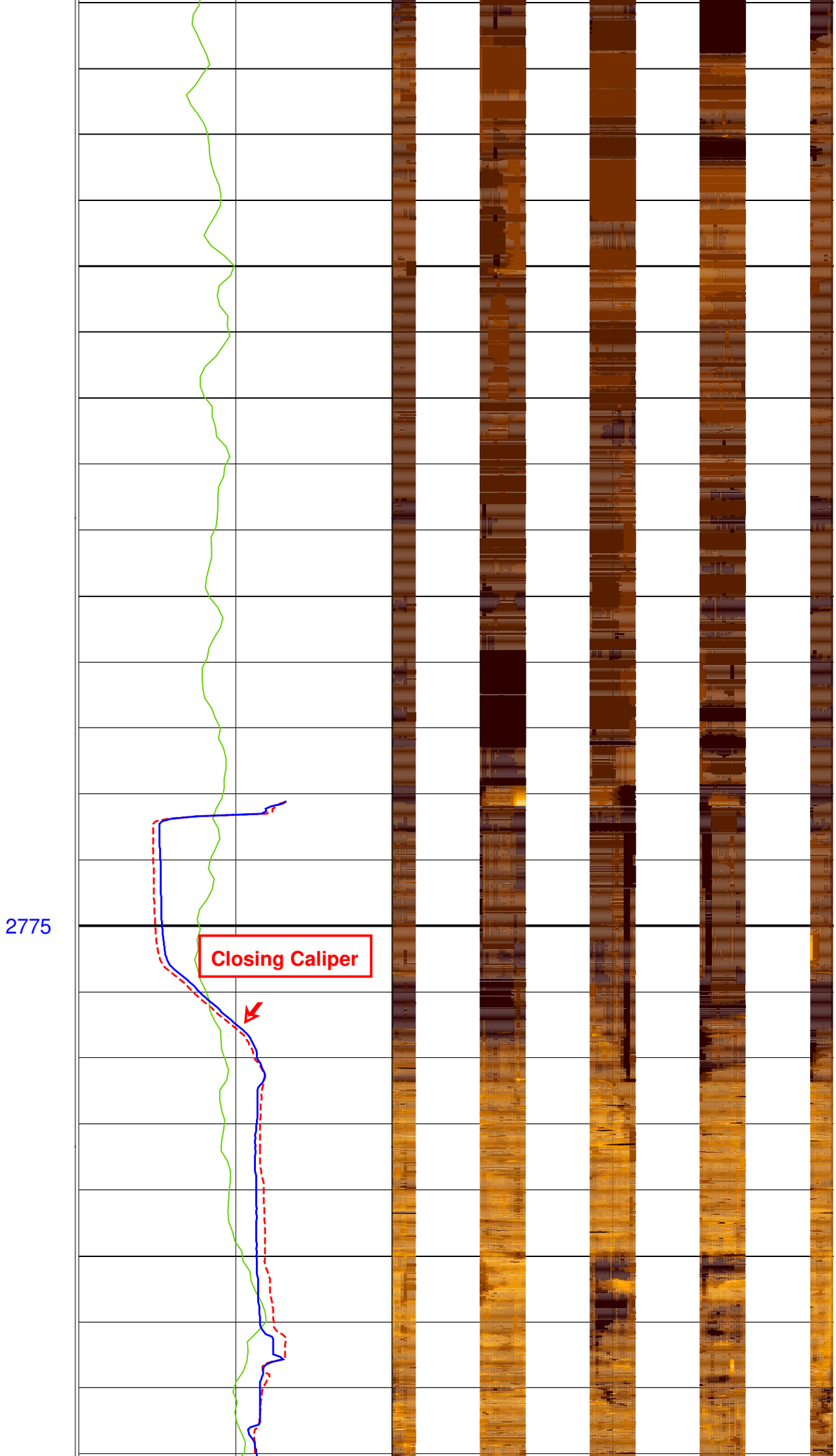
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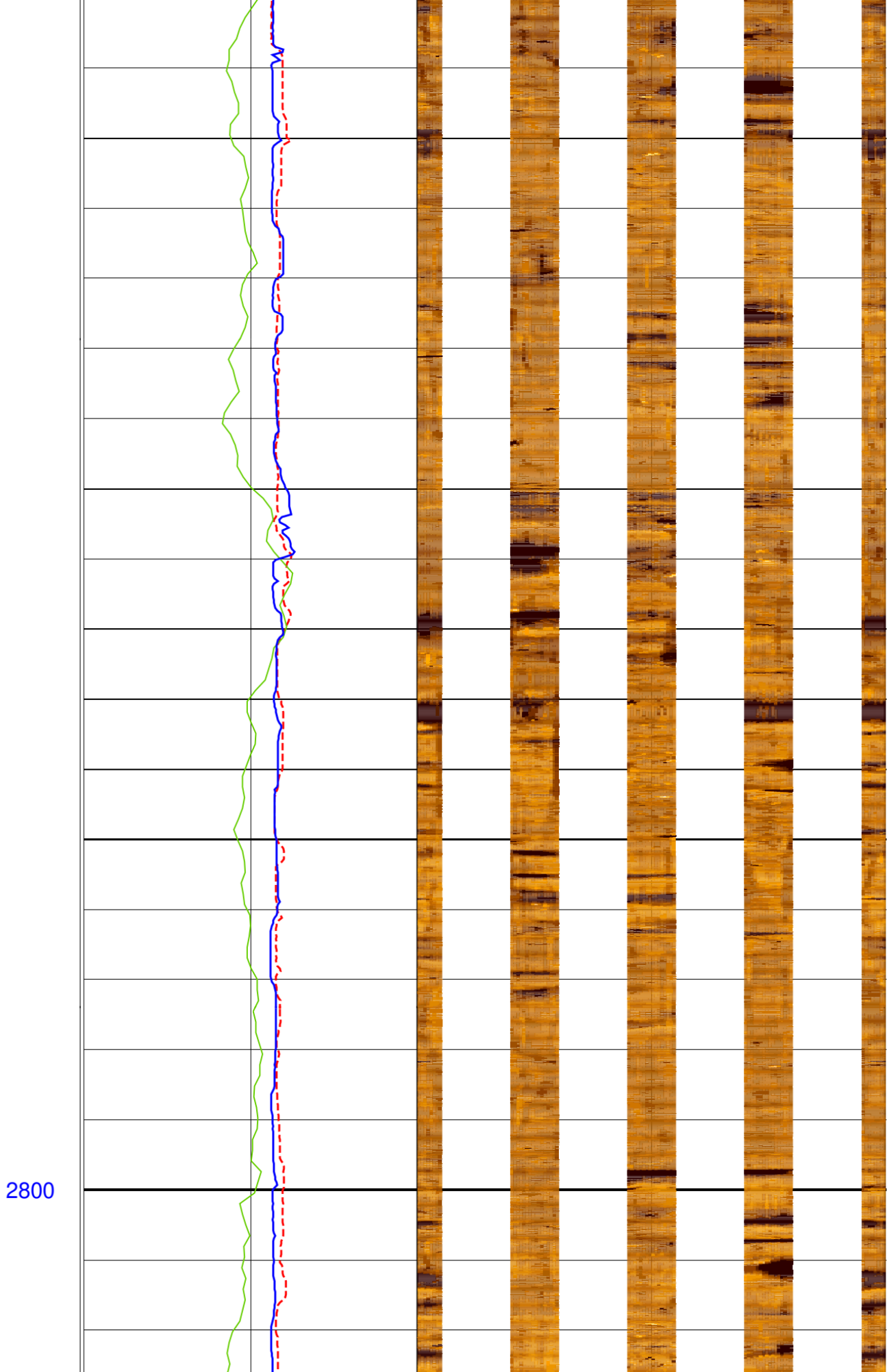
Closing Caliper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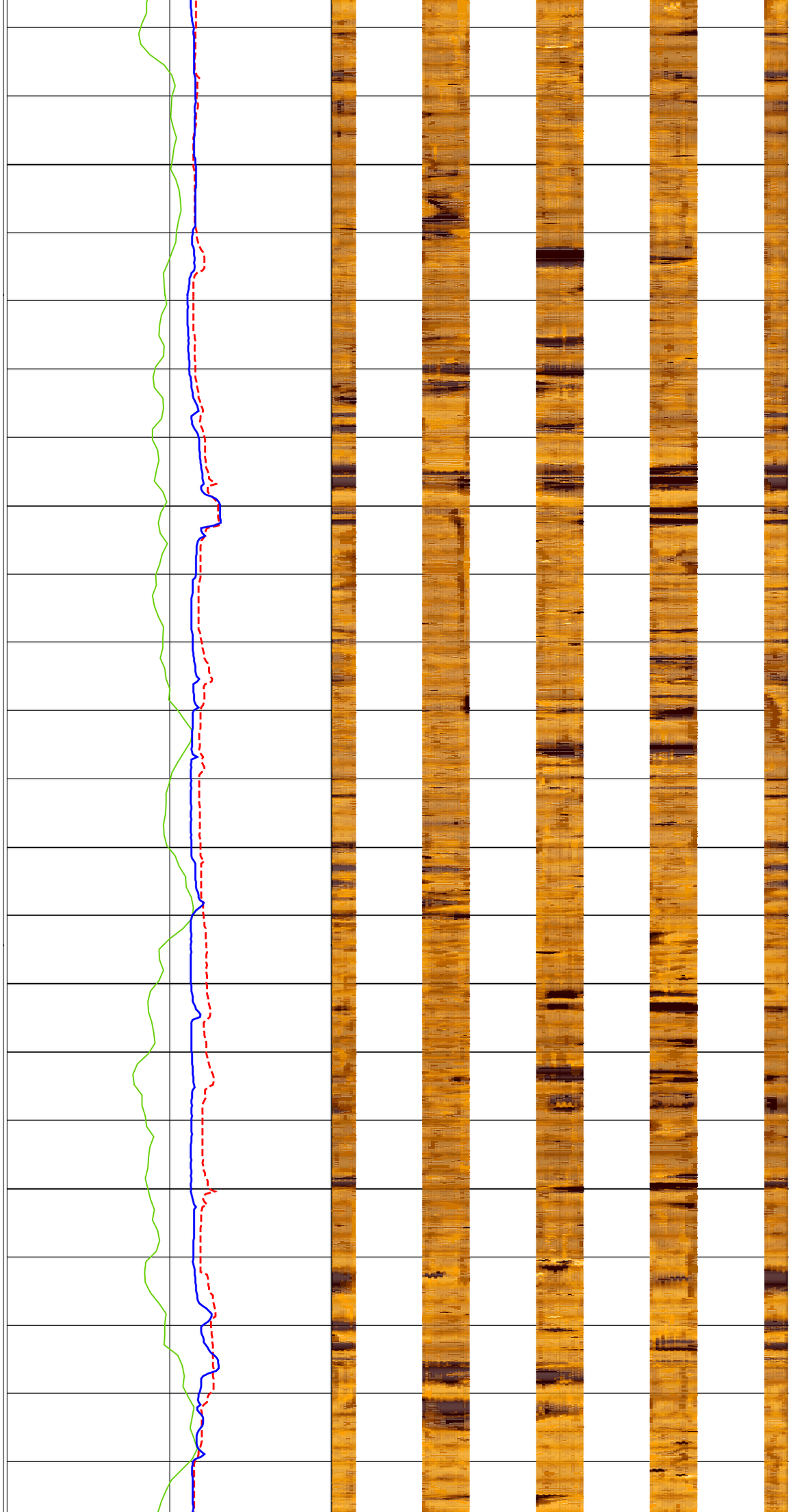

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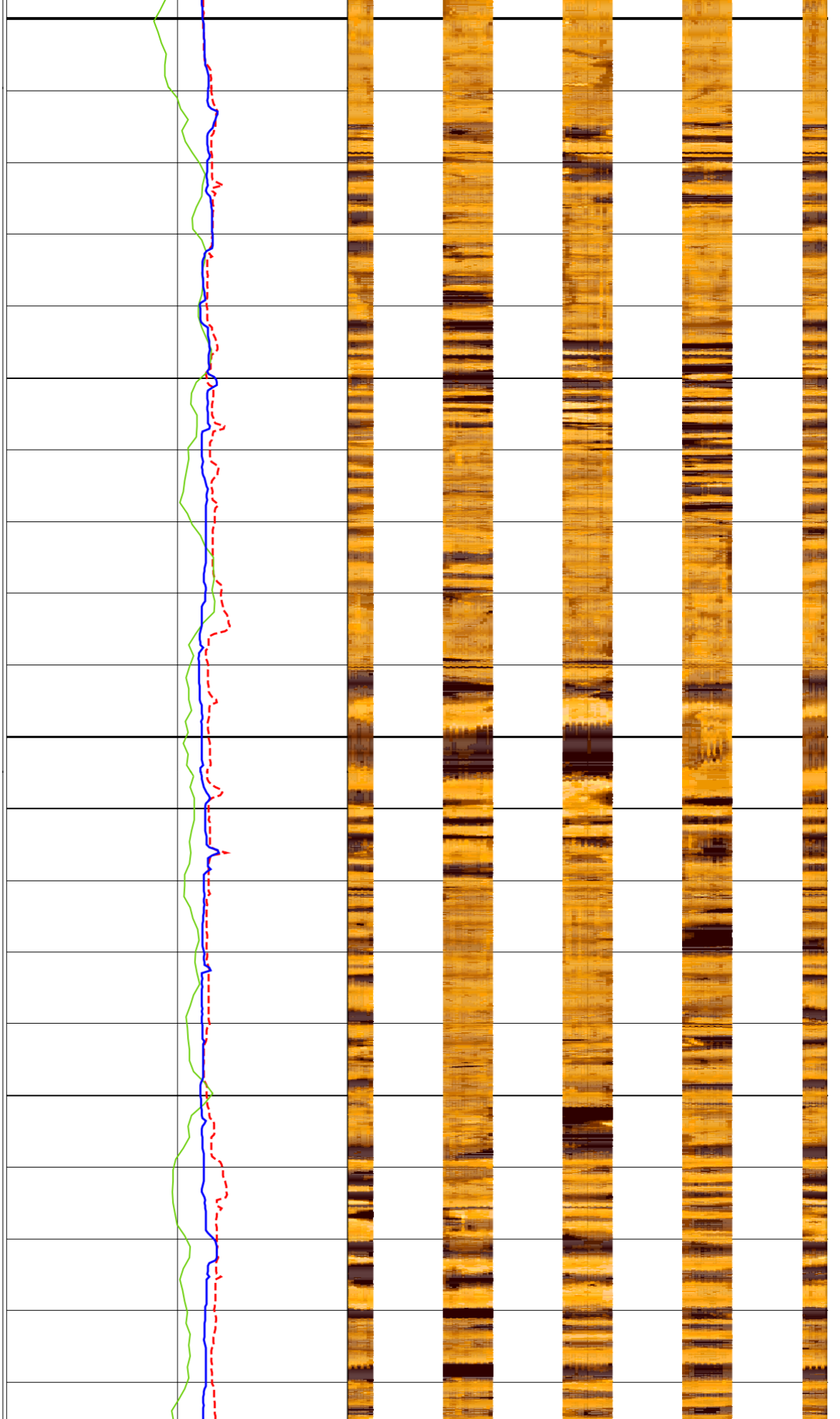

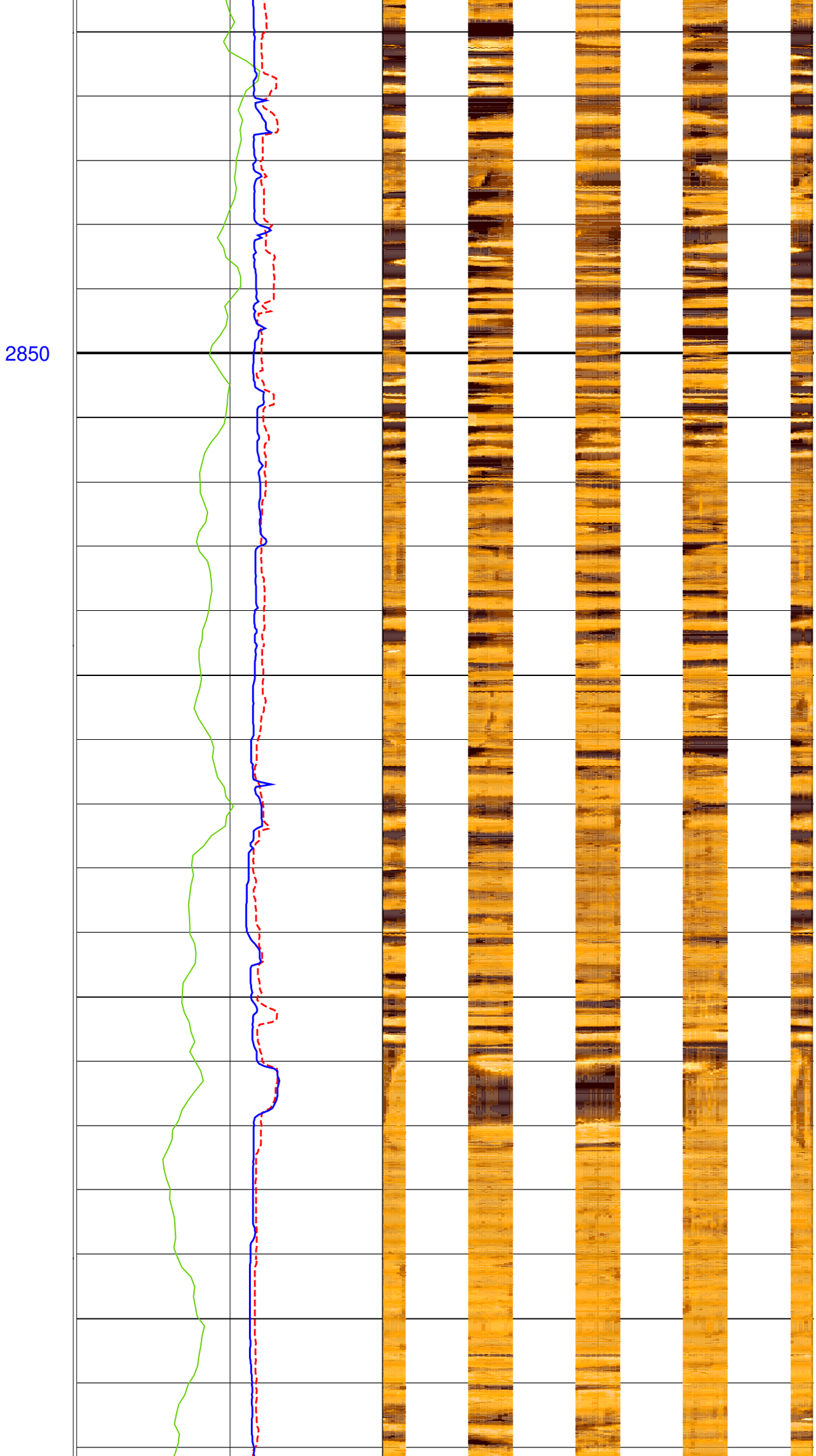
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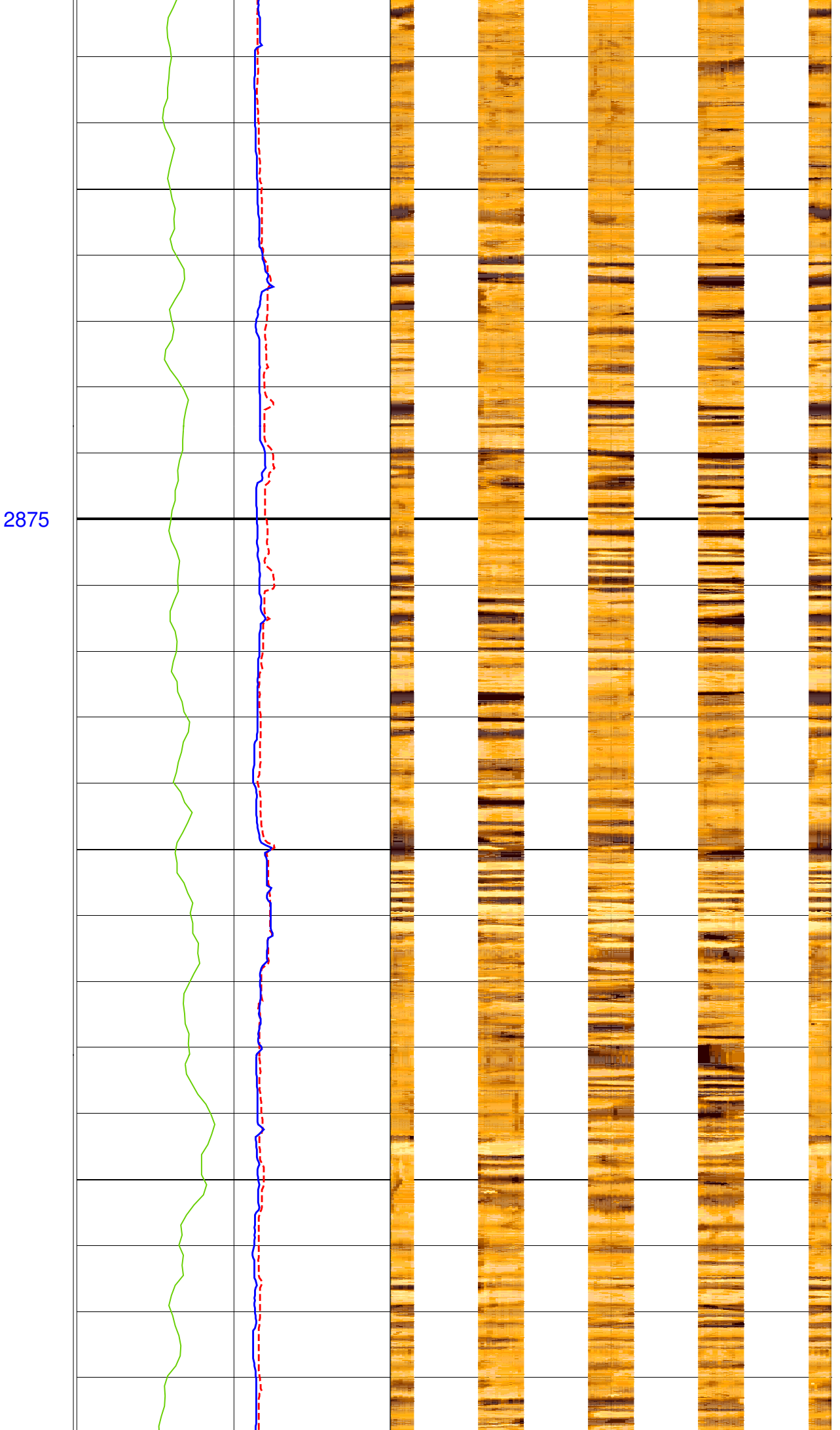
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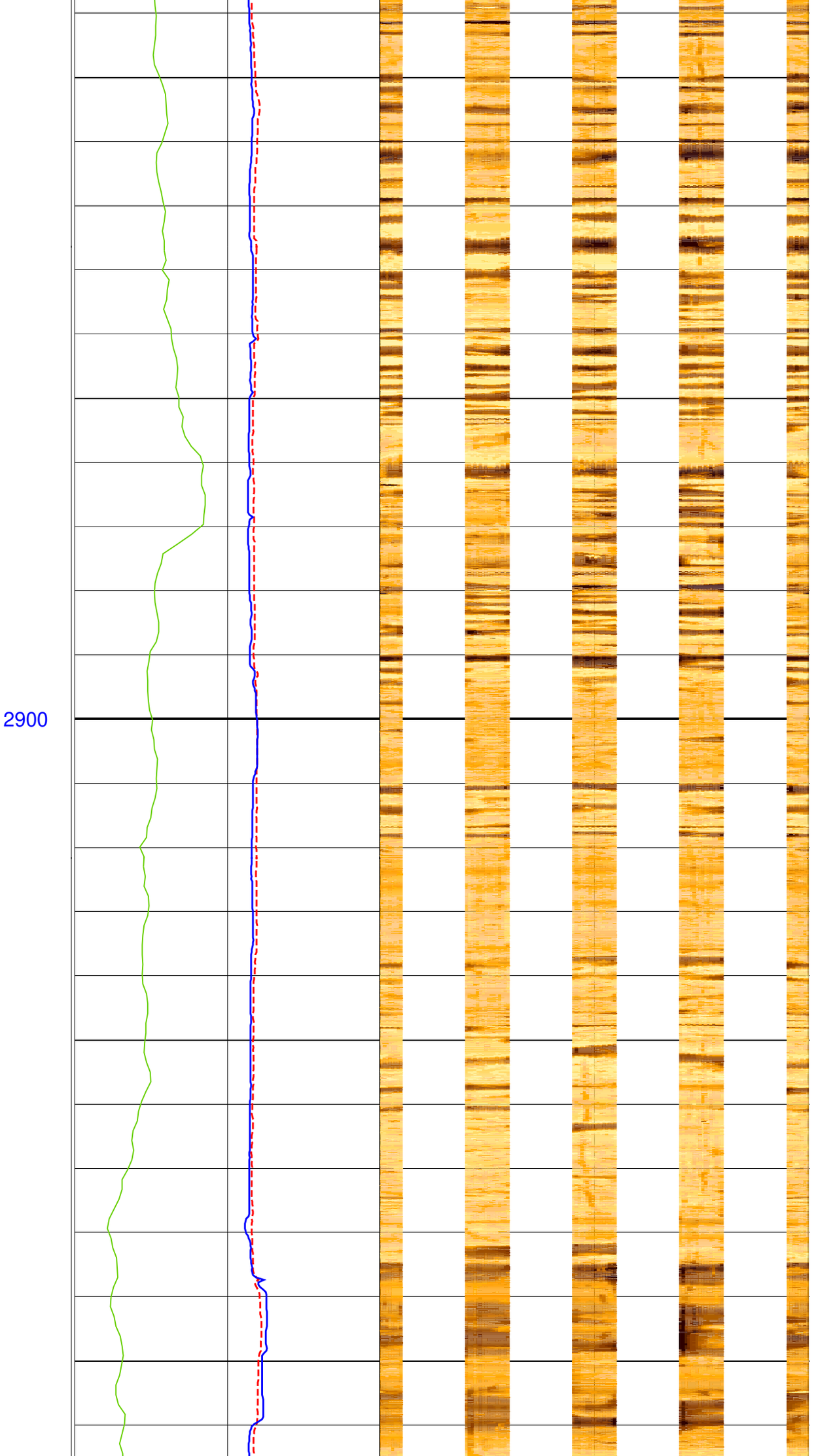
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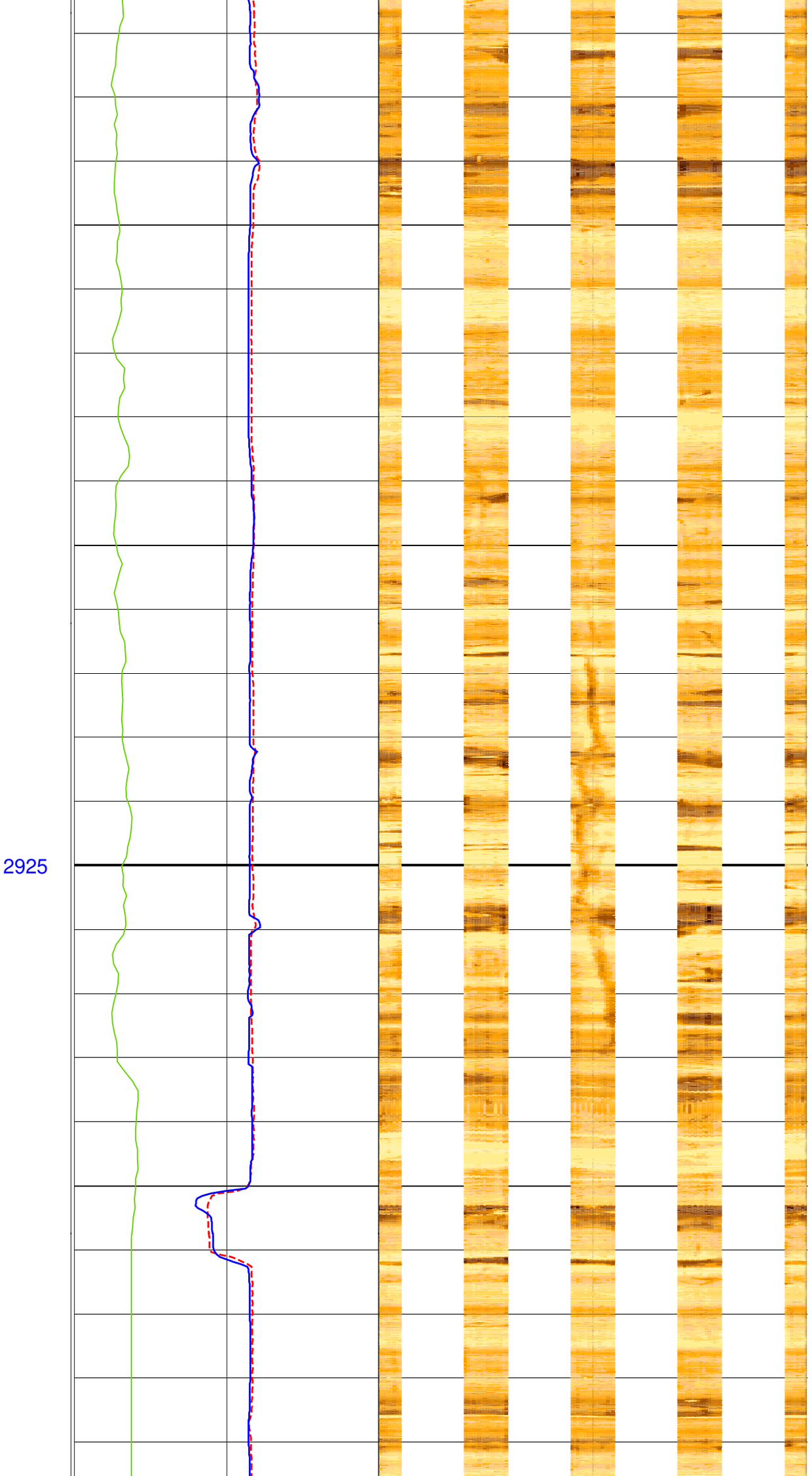
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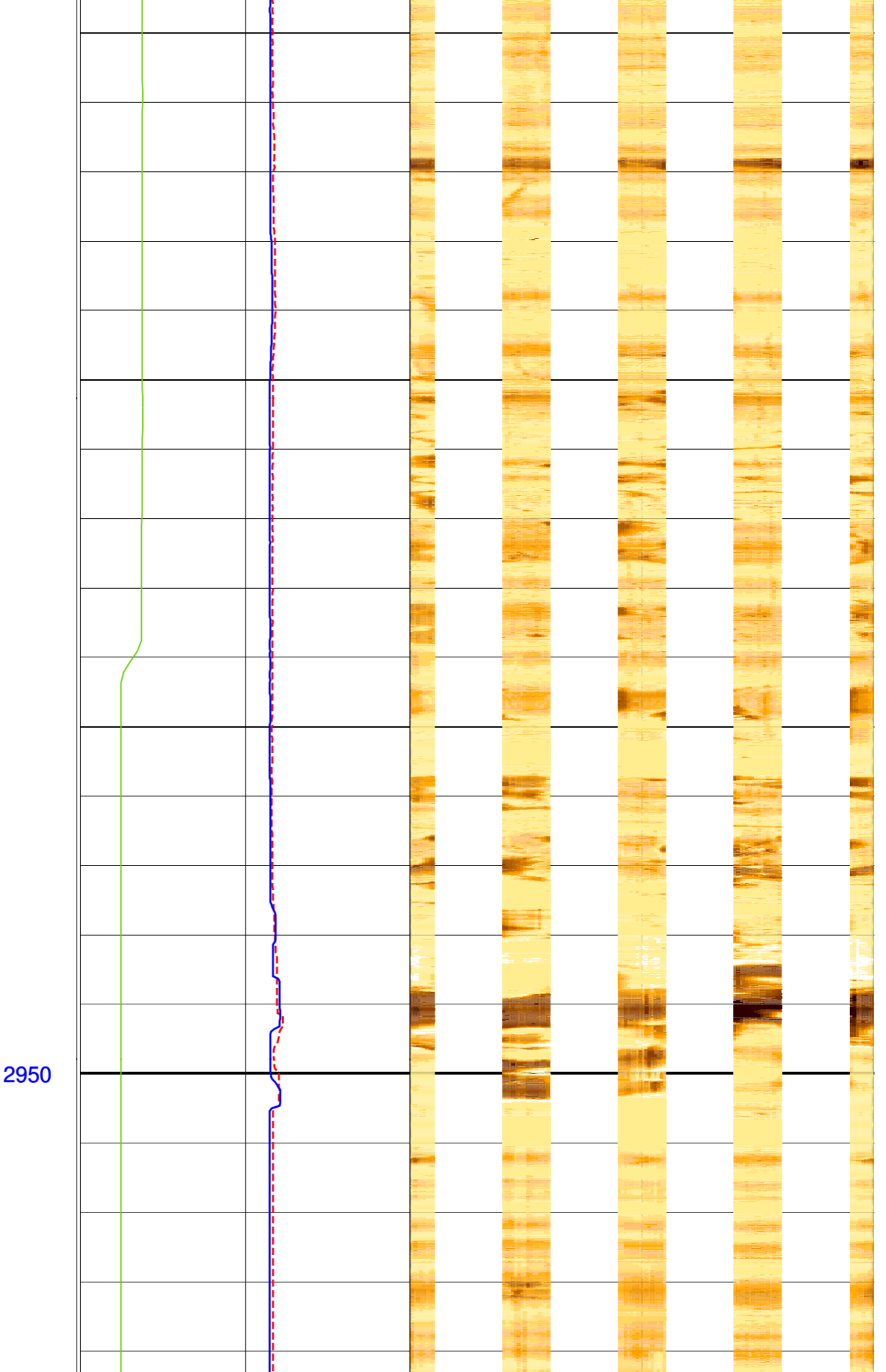
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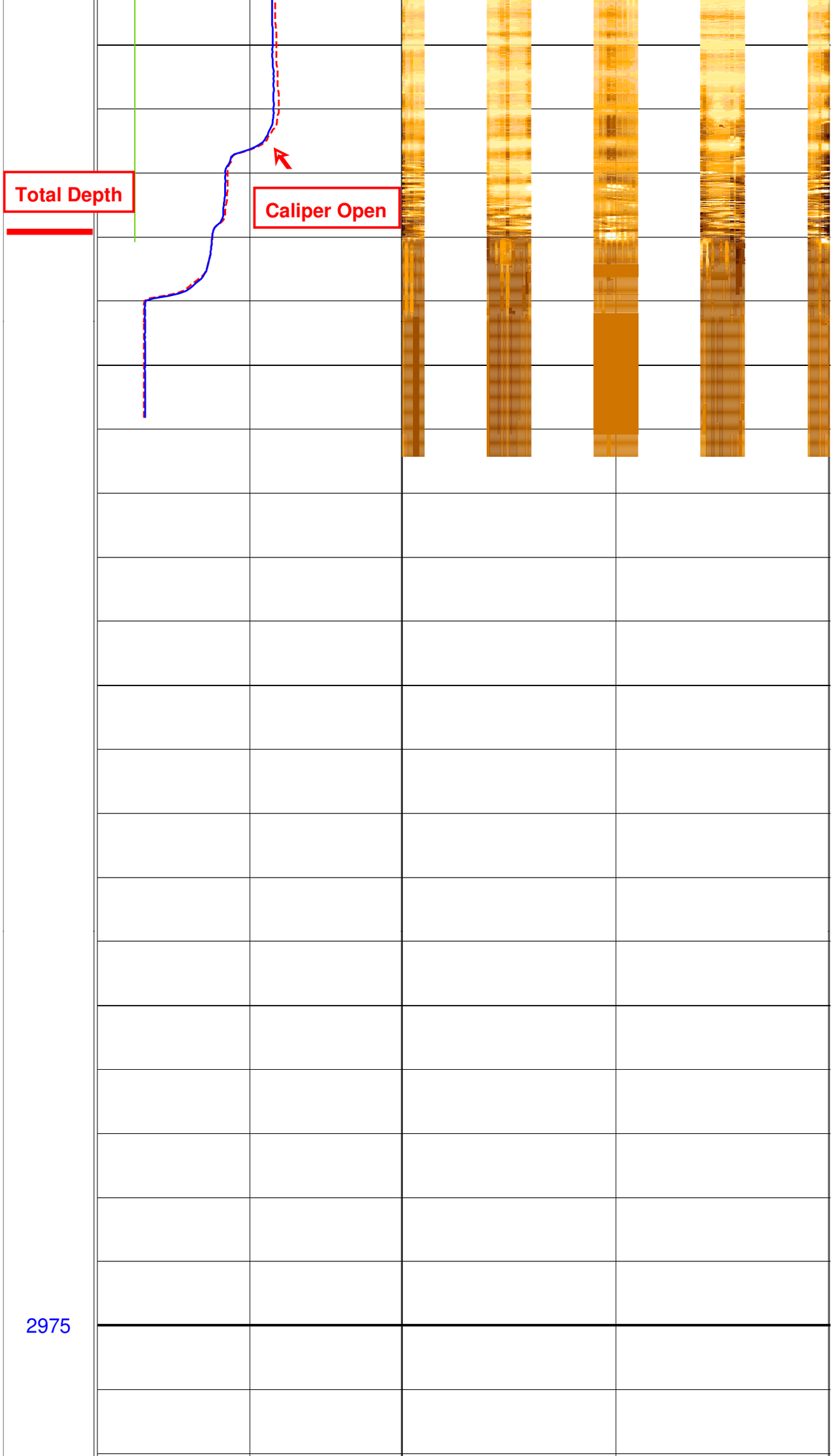
Total Depth
Caliper Open
2975

MD 1 : 75 m	HSGR HSGR@PI_EMS_LDL_APS 0 (gAPI) 100	FMS_DSI_031PUP FMS4 .EID [C50647] Horizontal Scale: 1 : 5.386 Straight Image 0 120 240 360 Resistive FMS4 Image Conductive
	C1 C1@FMS_DSI_037PUP;2 [0 (in) 20	
	C2 C2@FMS_DSI_037PUP;2 [0 (in) 20	

Company: **Lamont Doherty**

Schlumberger

Well: **KKGH01 Site 1 Hole A**
Field: **Kerala Konkan Basin**
Rig: **Joides Resolution**
Ocean: **Arabian Sea**

Formation Micro–Scanner