

Company:

JAMSTEC

Well:

C0026A

Field:

C0019/C0026

Rig Name:

The "Deep Sea D/V CHIKYU"

Prefecture:

Miyagi

Country:

Japan

MicroScope HD Resistivity Image

GR, HD Resistivity Image, Resistivity

8.5in Real Time Mode, TVDSS 1.500



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C0019/C0026

Rig Name:

The "Deep Sea D/V CHIKYU"

Prefecture:

Miyagi

Country:

Japan

Latitude:

37° 55' 36.12" N

Longitude:

144° 4' 7.68" E

Block:

FL: C0019/C0026
FL1: X: 756017.4m
FL2: Y: 4203068.8m

UWID:

O.1042972.01

Rig Name:

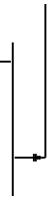
The "Deep Sea D/V CHIKYU"

Rig Type:

Drill ship

Log Measured From: - Drill Floor: 28.50 m

Permanent Datum: - Mean Sea Level



Ground Level: 6928.50 m

Acquisition Dates:

23-Sep-2024 -- 29-Sep-2024

Log Interval:

6957.00mBRT - 7400.44mBRT

Index Types:

SSTVD

Index Scales:

1:500

Depth Source:

Driller's Depth

Depth Sensor:

DES

Print Type:

Final

Spud Date:

13-Sep-2024

Other Services:

Cont. DNI

TAPWD ECD

Delta-T



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 SLB AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE 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.

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Well Sketch

Driller Depth
6954.000 m





Borehole Size/Casing Record

Bit						
Bit Size (in)	8.5					
Top Driller (m)	6954					
Bottom Driller (m)	7404					

Operational Run Summary

Parameter (unit)	C0026A_Run 1					
Date Log Started	23-Sep-2024					
Time Log Started	15:00:45					
Date Log Finished	29-Sep-2024					
Time Log Finished	09:39:48					
Bit Size (in)	8.500					
Bit Start Depth (m)	6957.000					
Bit Stop Depth (m)	7405.000					
Top Log Interval (m)	6957.000					
Bottom Log Interval (m)	7400.442					
Max Hole Deviation (deg)	0.36					
Azimuth of Max Deviation (deg)	163.18					
Logging Unit Number	OLU-MAB 20011					
Logging Unit Location	Zone2					
Recorded By	W.Song/Q. Ruan/ N. Sato/K. Kawaguchi					
Witnessed By	A. Wspanialy					
Service Order Number	O.1042972.01					

Borehole Fluids

Parameter(unit)	C0026A_Run 1					
Fluid Type	Water					
Fluid Name	Sea Water					
Max Recorded Temperatures (degC)	5					
Source of Sample	Active Tank					
Salinity (ppm)	36776.8					

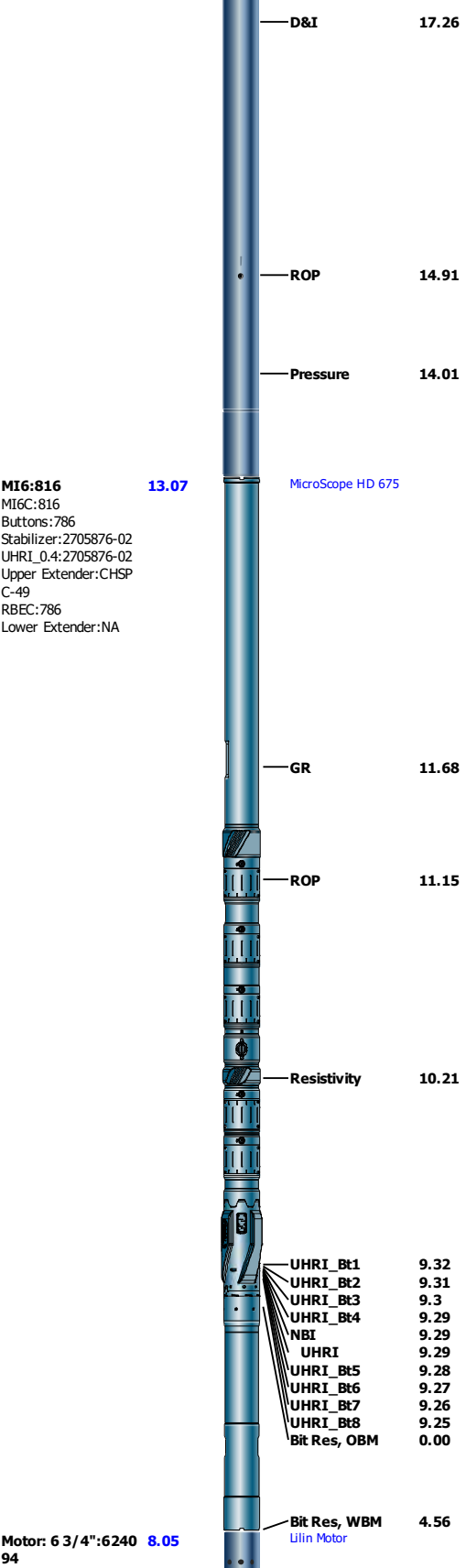
Density (g/cm3)	1.03					
Funnel Viscosity (s)						
Fluid Loss (cm3)						
PH	7					
Source RMF	Calculated					
RMC	Calculated					
RM @ Meas Temp (ohm.m@degC)	0.07 @ 5					
RMF @ Meas Temp (ohm.m@degC)	0.06 @ 5					
RMC @ Meas Temp (ohm.m@degC)	0.11 @ 5					
RM @ BHT (ohm.m@degC)	0.07 @ 5					
RMF @ BHT (ohm.m@degC)	0.06 @ 5					
RMC @ BHT (ohm.m@degC)	0.11 @ 5					
Total Solid (%)						
High Gravity Solids (%)						

Remarks and Equipment Summary

C0026A_Run1: Toolstring				C0026A_Run1: Remarks		
Equip name SONICSCOPE6:H66 Length 31.63 MP name SonicScope Offset 36 XOS6:NCN2161+5 MP6DC:H6636 Upper Stabilizer:BT-6 954-07 Lower Stabilizer:BT-6 954-06 Upper Extender:NA MP6UC:8026 MP6LC:8026 Lower Extender:CHSP C-21 	All data presented is from tool's memory and acquired while drilling.					
	Depth reference is driller's depth.					
	Drilling fluid is sea water.					
	MicroScope Gamma Ray is environmentally corrected for bit size, tool size, and mud weight					
	MicroScope Resistivity is borehole compensated and environmentally corrected for bit size and mud resistivity at bottom hole temperature.					
	Record rate for Resistivity from MicroScope is depending on RPM.					
	— ROP	28.03	Drilling log interval: 6957.00mBRT - 7400.44mBRT.			
			Drilling interval: 6957.00mBRT - 7405.00mBRT.			
	— Delta-T	26.82	Total pumping hours: 86.69hrs. Total drilling hours: 44.24hrs.			
	Reason for Run Ended: 8.5in BHA LIH by stuck pipe.					

TELE675:SN82493 49 MSSU675:OSSTJ2306-17 Upper Extender:SN21 MDC675:SN8249349 MMA:4034 MDI:1540 21.39 TeleScope	
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PMGD:963
PMEA:4242
MTA:4134
MTK675:0017
APWD:0156
MSSD675:OSSTJ2403-138
Lower Extender, Long
:CHSPC-41





Bit: 8 1/2":QG1124 0.26 Smith PDC
TOOL_ZERO
Lengths are in m
Maximum Outer Diameter = 8.500 in
Line: Sensor Location, Value: Gating Offset
All measurements are relative to TOOL_ZERO

Survey Record

Survey Calculation

Method :	Minimum Radius of Curvature	DLS Method :	Lubinski
North Reference :	Grid North	Total Correction Formula :	Magnetic Dec - Grid Convergence
Grid Convergence :	1.89 deg		

Rig Location

Latitude :	37° 55' 36.12" N	Longitude :	144° 4' 7.68" E
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Tie In Point

Measured Depth:	0.000 m	Inclination:	0.00 deg	Azimuth:	0.00 deg
True Vertical Depth:	0.000 m	North Displacement:	0.000 m	East Displacement:	0.000 m
N/-S VSec Origin:	0.000 m	E/-W VSec Origin:	0.000 m	Vertical Section Azimuth:	0.00 deg

D&I Inits Computed and Values Used - C0026A_Run1

Geomagnetic Model :	HDGM 2024	Geomagnetic Date :	15-Jul-2024
Computed Location B :	46902.89 nT +/- 300.00nT	Used Location B :	46902.89 nT +/- 300.00nT
Computed Location G :	999.32 mgn +/- 2.50mgn	Used Location G :	999.16 mgn +/- 2.50mgn
Computed Magnetic Dip :	51.49 deg +/- 0.45deg	Used Magnetic Dip :	51.49 deg +/- 0.45deg
Computed Magnetic Dec :	-7.74 deg	Used Magnetic Dec :	-7.74 deg
Computed Total Correction :	-9.63 deg	Used Total Correction :	-9.63 deg

Survey Quality Index

2 : Long Survey failed mag criteria	9 : Manual	28 : Tie-In Point
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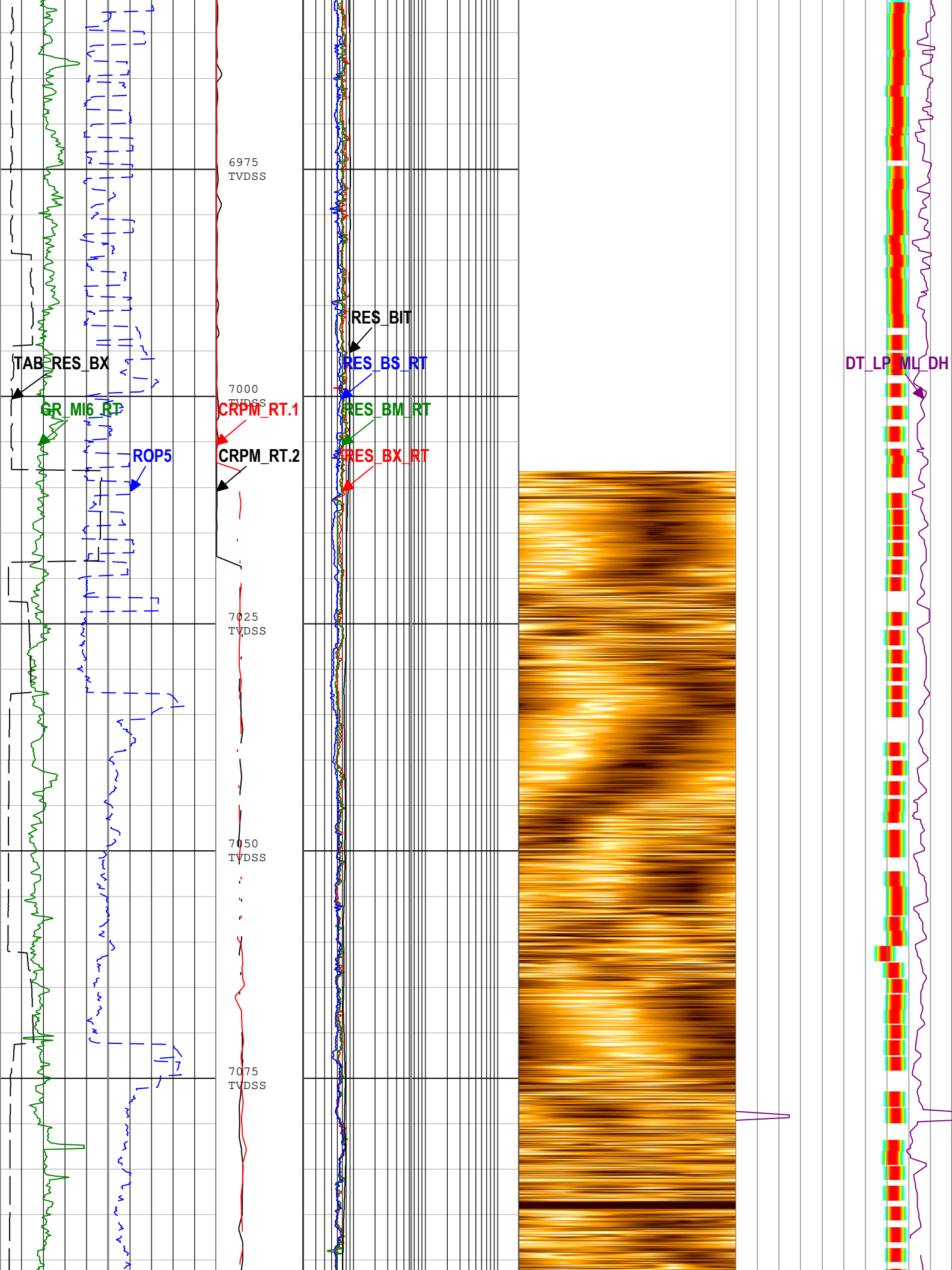
Survey Correction Index

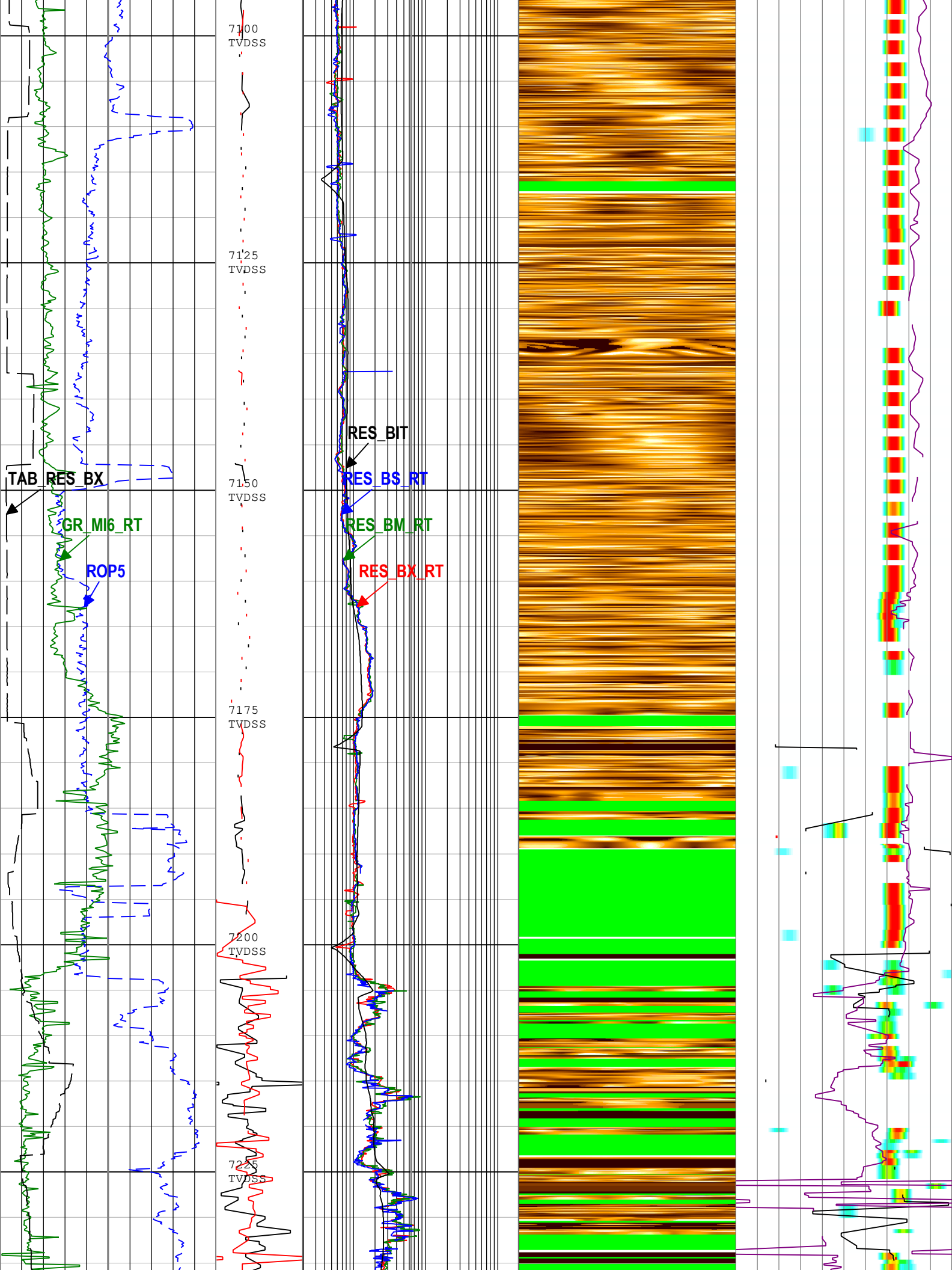
0 : No correction

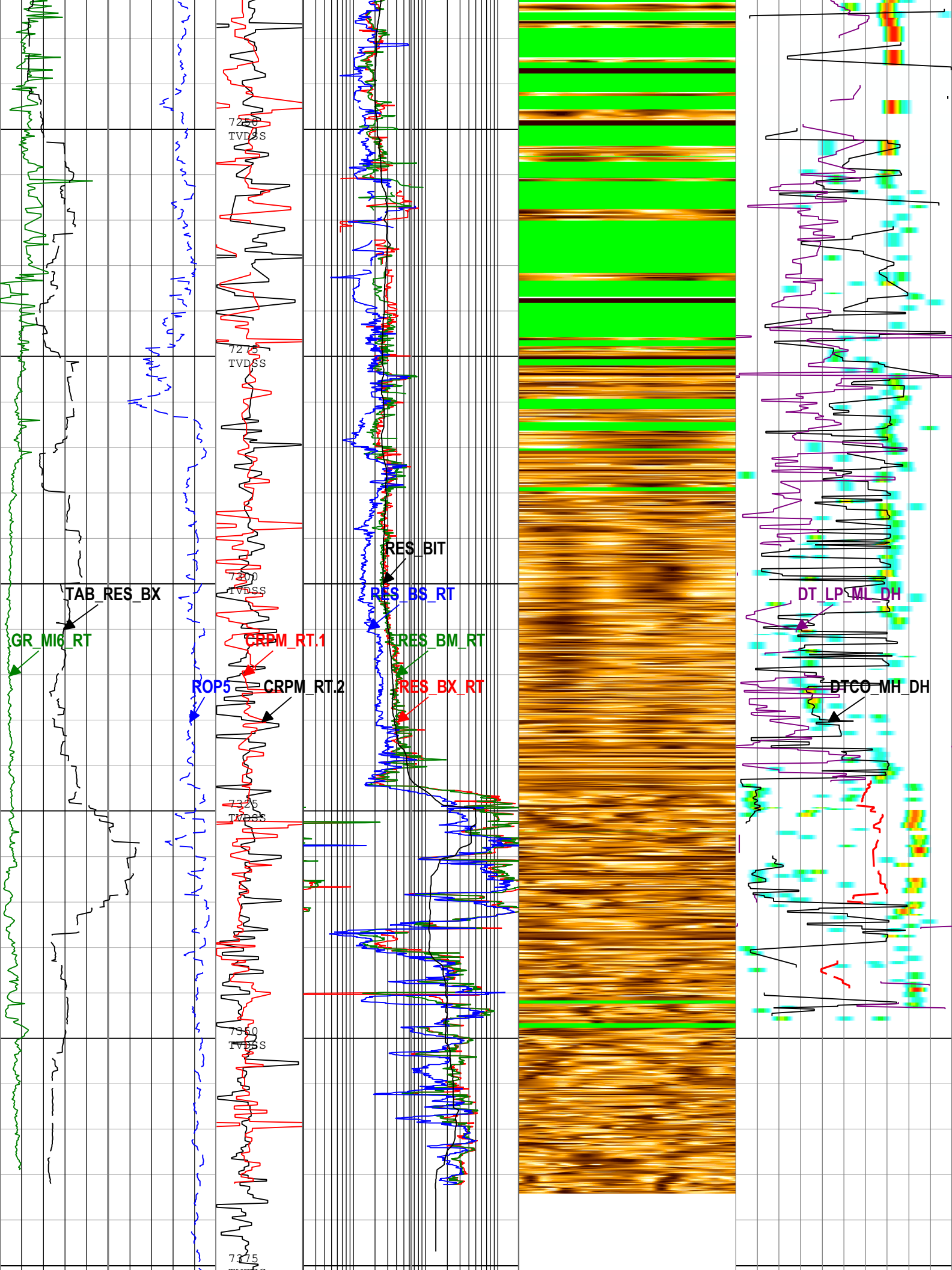
Survey Description Index

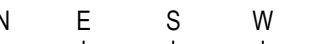
0 : Not Flagged Survey 7 : Projection to Bit

Seq	MD (m)	Incl (deg)	Azim (deg)	Course (m)	TVD (m)	V Sec (m)	N/ -S (m)	E/ -W (m)	Closure (m)	at Azim (deg)	DLS deg/30m	Tool Type	QI	CI	DI
1	0.000	0.00	0.00	- - - -	0.000	0.000	0.000	0.000	0.000	90.00	0.00	TIP	28	0	0
2	6957.00 0	0.00	0.00	6957.00 0	6957.00 0	0.000	0.000	0.000	0.000	90.00	0.00	Other	9	0	0
3	7004.10 9	0.20	265.6 5	47.109	7004.10 9	-0.006	-0.006	-0.083	0.080	265.65	0.13	TeleScope	2	0	0
4	7039.81 7	0.30	305.0 8	35.708	7039.81 7	0.042	0.042	-0.222	0.230	280.81	0.16	TeleScope	2	0	0
5	7079.81 0	0.14	268.6 8	39.992	7079.80 9	0.101	0.101	-0.357	0.370	285.80	0.15	TeleScope	2	0	0
6	7284.66 1	0.36	163.1 1	204.852	7284.65 9	-0.524	-0.524	-0.426	0.680	219.07	0.06	TeleScope	2	0	0







Rate of penetration averaged over the last 5 ft (1.5 m) (ROP5) RT	Collar Rotational Speed (CRPM_RT). 2	eXtra Deep Button Resistivity (RES_BX_RT) RAB[1] RT	 Dynamic Histogram Normalization RAB - UHRI IMG_RT RAB[1] RT Orientation: North Azimuth 	Min	Amplitude	Max
50 m/h 0	TeleScope[1] RT	0.2 ohm.m 200		40	Receiver Projection Depth RT (SPJ_MH_RA) SonicScope[1] RT	240
Gamma Ray (GR_MI6_RT) RAB[1] RT	0 c/min 200	Medium Button Resistivity (RES_BM_RT) RAB[1] RT		Compressional Slowness Computed Downhole - Monopole High (DTCO_MH_DH) SonicScope[1] RT		
eXtra Deep Button Resistivity Time After Bit (TAB_RES_BX) RAB[1]	Collar Rotational Speed (CRPM_RT). 1 RAB[1] RT	Shallow Button Resistivity (RES_BS_RT) RAB[1] RT		40	us/ft	240
0 h 10	0 c/min 200	Bit Resistivity (RES_BIT_RT) RAB[1] RT		Shear Slowness Computed Downhole - Quadrupole Inversion (DTSH_QPI_DH) SonicScope[1] RT		
		0.2 ohm.m 200		240	us/ft	40
				Leaky-P Slowness Computed Downhole - Monopole Low (DT_LP_ML_DH) SonicScope[1] RT		
				0	us/ft	100

Description: Format: Log (MicroScope_SonicScope RT TVD500) Index Scale: 1:500 Index Unit: m Index Type: SSTVD Creation Date: 11-Oct-2024 02:51:26

Channel Processing Parameters				
C0026A_Run1: Parameters				
Parameter	Description	Tool	Value	Unit
BHK	Drilling Fluid Potassium Concentration	Borehole	0	%
BHT	Bottom Hole Temperature	Borehole	5	degC
BS	Bit Size	DNMSESSION	8.5	in
DEPTH_SEL	Depth Selection Parameter	DNMSESSION	Driller's Depth	
DFD	Drilling Fluid Density	Borehole	1.03	g/cm3
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
GCSE_RT	Generalized Caliper Selection for DnM real time	Borehole	BS	
GGRD	Geothermal Gradient	Borehole	10	degC/km
GRSE_RT	Generalized Mud Resistivity Selection for Realtime Mode	Borehole	REMS(RT)	
GTSE_RT	Generalized Temperature Selection for Realtime Mode	Borehole	GTEM_GRDSURF(RT)	
MST	Mud Sample Temperature	Borehole	5	degC
RMS	Resistivity of Mud Sample	Borehole	0.07	ohm.m
SHT	Surface Hole Temperature	Borehole	15	degC
STPPUL_MH	Upper Limit for Slowness Time Plane Projection - Monopole High	SONICSCOPE6	240	us/ft
Tool Control Parameters				
C0026A_Run1: Parameters				
Parameter	Description	Tool	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DNMSESSION	0.6	m
Calibration Report				

Company: JAMSTEC

Well: C0026A

Field: C0019/C0026

Rig Name: The "Deep Sea D/V CHIKYU"

Prefecture: Miyagi

Country: Japan



MicroScope HD Resistivity Image

GR, HD Resistivity Image, Resistivity

8.5in Real Time Mode, TVDSS 1:500