


Rig: **JOIDES Resolution**

Rig: JOIDES Resolution Field: Eastern Manus Back Arc Basin Location: Bismarck Sea, PNG Well: 1188B Company: LDEO Borehole Research Group			RAB Drilling Parameters			
			Measured Depth			
			Scale 1:200			
			Total depth: 1725 m		Elevation	K.B.
	Spud date: 25 Nov 00		G.L.	-1642.1 m		
	Runs: 1 To 1		D.F.	10.5 m		
	Location	Permanent datum: Mean Sea Level		Elev.:	Kelly Bushing	
		Log measured from: Top of kelly bushing		10.9 m	above Perm. datum	
		Depth reference: Driller's Pipe Tally				
	API serial no.		Logging Services: RAB		Longitude	Latitude
				E 151 40.1981'	S 03 43.6962'	
Depth logged: 1653 m To 1725 m		Mag decl: 6.56 deg		Other services:		
Date logged: 25 Nov 00 To 26 Nov 00		Mag dip: -21.78 deg				
Bore hole record			Casing record			
Hole size	from	to	Size	Density	from	to
9.875 in	1653 m	1725 m				
Mud record			Borehole deviation record			
Type	from	to	Min	Max	from	to
Sea Water	1653 m	1725 m				
Surface equipment		Software record		<div>IDEAL services from Anadrill</div>		
Unit	TWIS	IDEAL Wis	6.1c_03			
Depth system	PDA	SPM	6.1c_03			
		LWD	5.0b_12			
		MWD				

Bit Run Summary

[illegible]

Type		Sea Water									
Mud weight	ppg	8.9									
Solids											
Chlorides											
Rm	ohm.m @ degC	0.222 @ 24									
Rmf											
Rmc											
Potassium											
Environmental data											
GR											
Mud weight	ppg	8.9									
Bit size	in	9.875									
Resistivity											
Neutron porosity											
Hole Size											
Mud weight											
Temperature											
Mud salinity											
Formation salinity											
Recording rate 1	SEC	20									
Recording rate 2	SEC	20									
Filtering GR		3 point av.									
Filtering density											
Filtering Neutron											
Company representative		G.Iturrino	A.Bartetzko	M.Storms							
Anadrill personnel		A.Strahan									

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 SERVICES FOR RUN1	OTHER SERVICES FOR RUN	OTHER SERVICES FOR RUN
REMARKS: RUN NUMBER 1 RAB data acquired in memory mode while drilling from 1653–1725 m Drilled in rotary mode Depth filtered for heave No surveys available – borehole assumed to be vertical Environmental Corrections Applied: GR – borehole size, mud weight Resistivity – borehole size, mud resistivity borehole temperature Rbit measurement is affected by a large vertical resolution (4.30 m) 25 Nov 00 8:28 Program RAB 9:00 BHA below rotary table 16:15 On bottom drilling at 1653 m 25 Nov 00 4:15 TD at 1725 m 13:00 BHA above rotary table – retrieve RAB memory data	REMARKS: RUN NUMBER	REMARKS: RUN NUMBER

13:00 BHA above rotary table – retrieve
RAB memory data

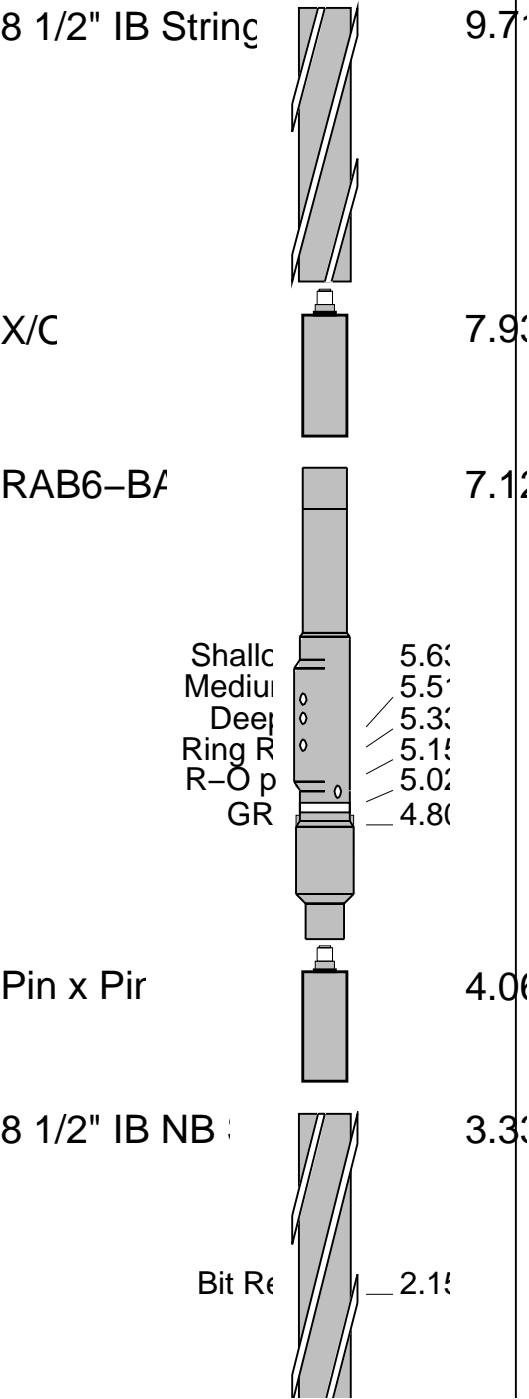
EQUIPMENT DESCRIPTION

RUN1

RUN

RUN

DOWNHOLE E






Pin x Pin Bottle

Bit Si

Tri-Cone Ir

MAXIMUM STRING DI/

ALL LENGTHS I



1.4

1.1

0.00.2

IDEAL Version: ID6_1C_03
IDEAL

RAB6-BA id6_1c_03

Format: RABDepthLogQuads_1 Vertical Scale: 1:200 Graphics File Created: 30-Dec-2000 09:41

PIP SUMMARY

Gamma Ray samples

Rate of penetration, 5ft filtered (ROP5_RM)
(M/HR)

Gamma-Ray (3 LVL AVG) (GR_RAB)
(GAPI)

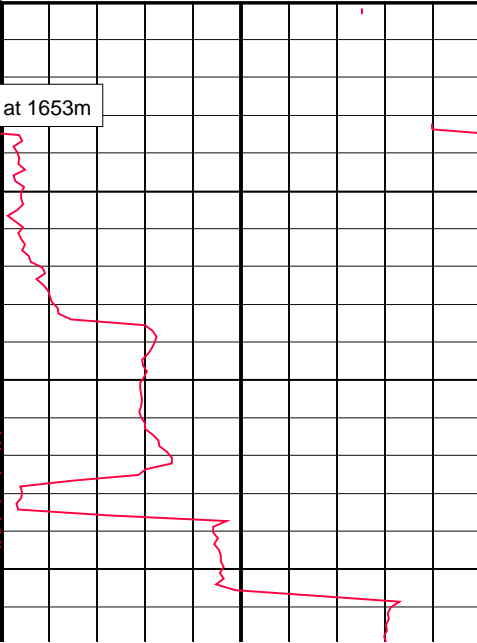
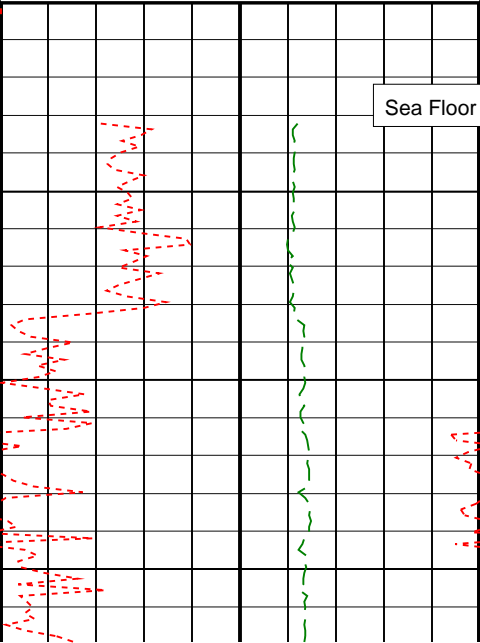
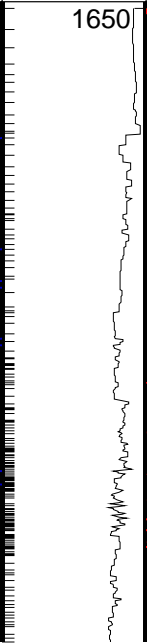
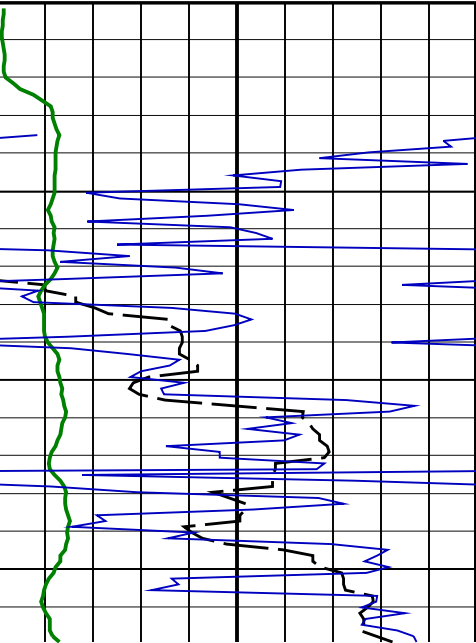
ROP (ROP)
(M/HR)

Rab rotation speed
(RPM_RAB)
(RPM)

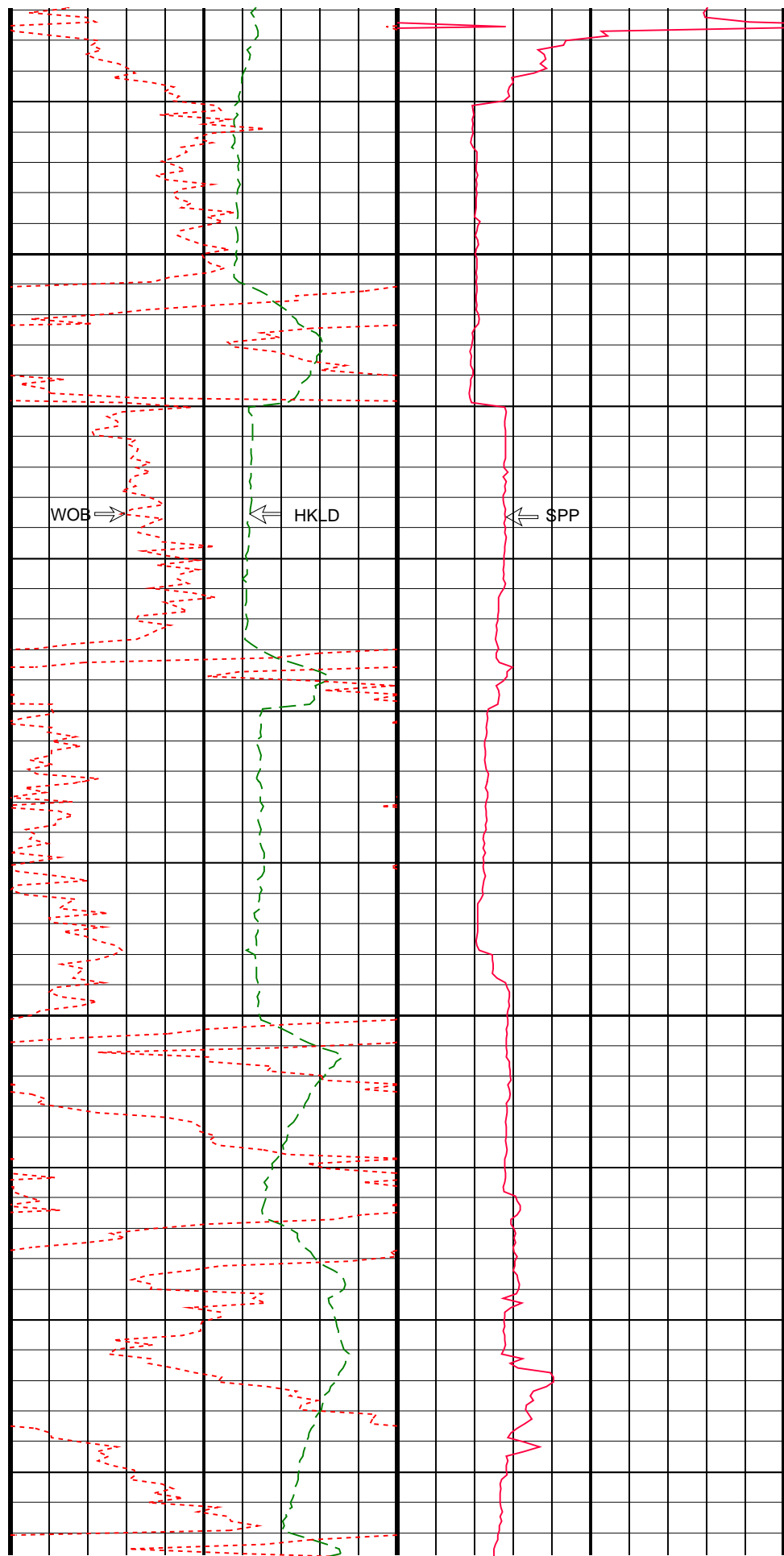
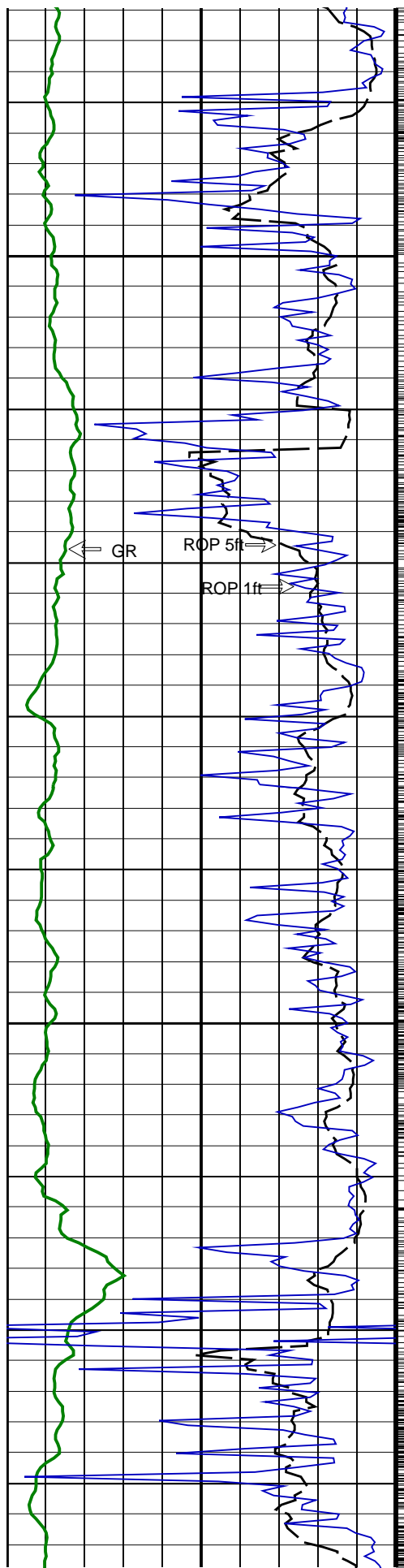
SWOB (SWOB)
(KLBF)

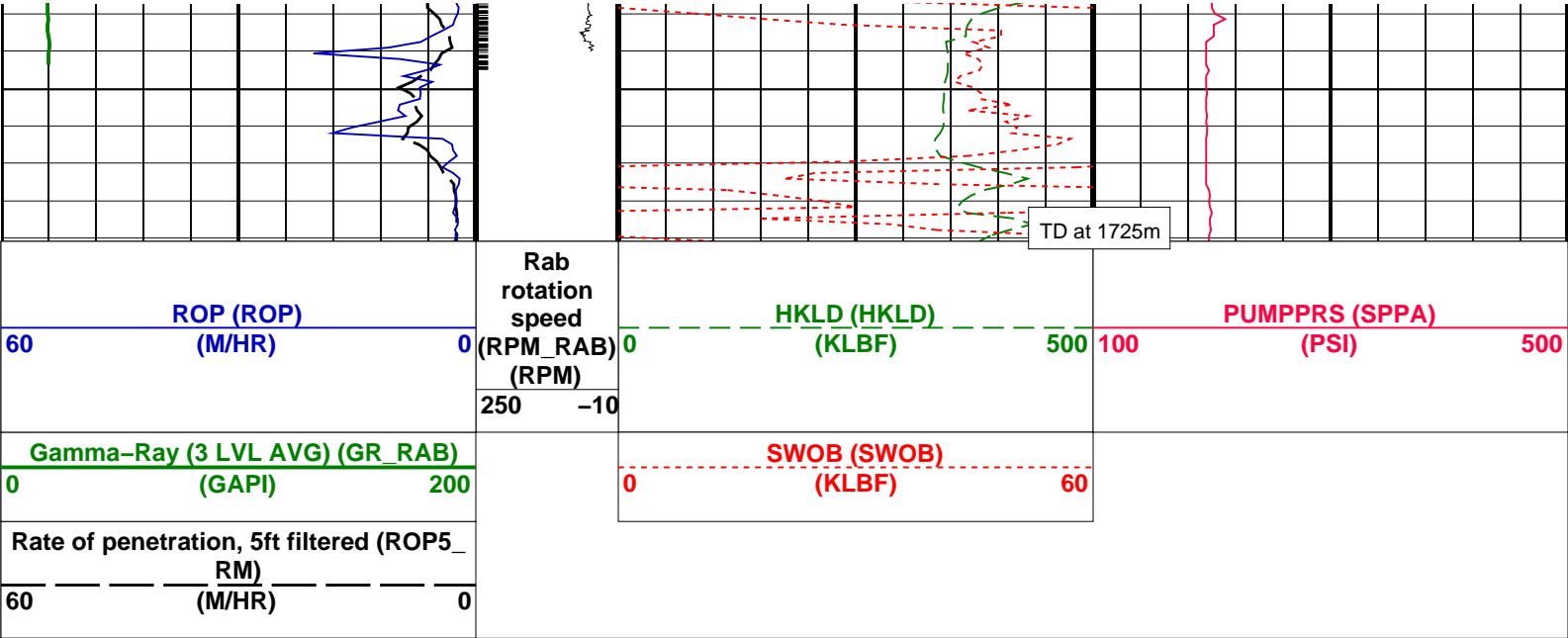
HKLD (HKLD)
(KLBF)

PUMPPRS (SPPA)
(PSI)



Sea Floor at 1653m





PIP SUMMARY

└ Gamma Ray samples

IDEAL Version: ID6_1C_03
IDEAL

RAB6-BA id6_1c_03

6.75-in. Resistivity At-the-Bit / Equipment Identification

Primary Equipment:
Tool Name and Serial Number RAB6 - BA 48
Calibration Status -

Master: 24-NOV-2000 23:22

6.75-in. Resistivity At-the-Bit Calibration

Resistivity: Fixture

Phase	Ring/T1 factor	Value	Phase	Ring/T2 factor	Value	Phase	M0/T1 factor	Value
Master		0.01081	Master		0.01079	Master		1.105
	0.009500 (Minimum) 0.01100 (Nominal) 0.01250 (Maximum)			0.009500 (Minimum) 0.01100 (Nominal) 0.01250 (Maximum)			0.9000 (Minimum) 1.050 (Nominal) 1.200 (Maximum)	
Phase	M0/T2 factor	Value	Phase	M2/T1 factor	Value	Phase	M2/T2 factor	Value
Master		1.137	Master		0.9956	Master		1.024
	0.9000 (Minimum) 1.050 (Nominal) 1.200 (Maximum)			0.8500 (Minimum) 1.000 (Nominal) 1.150 (Maximum)			0.8500 (Minimum) 1.000 (Nominal) 1.150 (Maximum)	
Phase	BTN shallow/T1 factor	Value	Phase	BTN shallow/T2 factor	Value	Phase	BTN medium/T1 factor	Value
Master		0.0006530	Master		0.0006840	Master		0.0006630
	0.0005700 (Minimum) 0.0006700 (Nominal) 0.0007700 (Maximum)			0.0005700 (Minimum) 0.0006700 (Nominal) 0.0007700 (Maximum)			0.0005700 (Minimum) 0.0006700 (Nominal) 0.0007700 (Maximum)	
Phase	BTN medium/T2 factor	Value	Phase	BTN deep/T1 factor	Value	Phase	BTN deep/T2 factor	Value
Master		0.0006550	Master		0.0006740	Master		0.0006630
	0.0005700 (Minimum) 0.0006700 (Nominal) 0.0007700 (Maximum)			0.0005700 (Minimum) 0.0006700 (Nominal) 0.0007700 (Maximum)			0.0005700 (Minimum) 0.0006700 (Nominal) 0.0007700 (Maximum)	

Master: 24-NOV-2000 23:16

6.75-in. Resistivity At-the-Bit Calibration

Gamma Ray: Blanket

Gamma Ray: Blanket		
Phase	Gamma ray factor	Value
Master	<div><div></div></div>	4.110
	<div>3.500</div> <div>(Minimum)</div> <div>4.500</div> <div>(Nominal)</div> <div>5.500</div> <div>(Maximum)</div>	

Company:

LDEO Borehole Research Group

Well:

1188B

PCM-2A

Field:

Eastern Manus Back Arc Basin

Rig:

JOIDES Resolution