Site Name :	@24:00	7,092.0	mBRT 17	Hole Na 74.0 mbsf		Progress : 17	<b>74.0</b> m	Lat.	37 °56 Seabed Depth :	.3343'N 6,918.00	- mBRT	Long.	143°54.		3.5	m	1	Report Date :	14/May	/2012
	@06:00	7,104.0		86.0 mbsf		riogiess			ng/Jetting Hrs. :	8.50	hrs		LAST CA		5.5	×		mbsf		
	Summa	ary of Operation	on 13-	-May :		. Drop center bit. W	ash down and R	CB drillin												
		eration to 06:00 eakdown ( 00:00	on 14		Recover ce	nter bit. RCB test c	oring and drilling										•	mBRT: meter b		•
From	I To	eakdown ( 00:00 Hrs	- 24:00 on Code	13-Mav	) f Operation													mbsf: meter be	ow sea floor	
0:00	5:45	5:45	WOW			RT due to wave con	idition exceed dr	illing crite	eria.											
				Meanwh	nile, continu	RT due to wave con e repair to hydra-ra	cker No.1.									Win	d conditio	n	Wave C	
5:45	8:30	2:45	Trip	Resume RIH fro	m 5739mBl	RT to 5760mBRT. -5/8"DP Z-140 std a sert for 6-5/8"DP to									Time	speed (m/s)	Gust (m/s)	Direction	Max (m)	Period (sec)
				Break o	onnection 6	-5/8"DP Z-140 std a	and rack back sa	me.				****			0:00	(m/s) 15.0	(m/s)	(deg) 299	(m) 6.18	(sec) 8.5
		<b></b>							***************************************	***************************************		*******			1:00				6.71	7.5
8:30	10:30	2:00	WOW	WOW @6600m	BRT due to	wave condition exc sert for 5-1/2"DP to " Z-140 std and wai sert for 6-5/8"DP to RT to 6900mBRT. -5/8"DP Z-140 std a levator due to troub	eed drilling crite	ria.				********			2:00	14.5	15.9	295	5.39	8.0
				Change	elevator in	sert for 5-1/2"DP to	6-5/8"DP.								3:00			300	5.50 5.48	7.0
				Connec	t one 6-5/8	Z-140 std and wai	t until sea state l	become i	under criteria.						4:00 5:00	16.0	17.2	300	5.48 6.32	7.5 7.5
10:20	12:45	2:15	Trin	Change	elevator ins	sert for 6-5/8"DP to	5-1/2"DP.					*****			6:00	12.0	14.3	295	5.32	7.0
10:30	12:45	2:15	Trip	Break o	onnection 6	-5/8"DP Z-140 std a	and rack back sa	me.			•••••				7:00				5.21	8.0
				Change	one dual el	levator due to troub	le of small door.		***************************************		•••••	********	***************************************	******************	8:00	13.2	14.4	296	5.67	7.5
				Change	elevator in	sert from 5-1/2"DP t	o 6-5/8"DP.								9:00			295	5.18 5.40	7.5 9.0
12:45	14:00	1:15	Circ	Connect HPS @	6870mBR	<ol> <li>Sweep 10m3 of</li> </ol>	SWG, chase wit	h 1000gp	om of seawater.						10:00	10.4	12.3	295	5.40	9.0
		·		Pump 6	n_80_100_1	pump rate and pun 20spm x 2.1-3.8-6.2	np pressure. -8 4MPa				•••••	********	•••••					***************************************		
14:00	14:45	0:45	Core	Drop center bit a	assembly, cl	hase with 50spm of	seawater. Latcl	ning cent	er bit by monito	pump pressu	re 1.3 to 2	.5MPa aff	ter 32min from dr	op.	**********	*******		***************************************		
14:45	15:45	1:00	Drlg																	
				(15:33)	Lower Asse	mbly to 6918mBRT	, while heave of	string rer	nain 0.5-1.0m a	nd indication of	of tagging t	the seabe	d is hardly identif	ed.						
		ļ <u>, , , ,</u>		(15:45)	Continue to	Lower RCB assem	bly with pumpin	g 30spm	to 6932mBRT a	nd slightly tak	e weight in	dicate.								
15:45	23:15	7:30	Drlg	KUB aniling 693	oz-7092mBF own 6032 ≏	<1 (14-1/4mbst). 934mRRT/14-16~*	nef) etart rotato	with 10.0	Ornm Incresso	drilling param	eter per de	rilling deed	th with limiting DE	M 5 stande						
ļ	·····	<del> </del>	ļ	@6980r	nBRT, pumi	p 80spm x 5MPa. H	IPS 50rpm x 0-8	kNm, WC	DB max 50kN. I	ROP ave. 20m	/hr due to	limited dri	illing parameter fo	or shallow drilling						
			I	@7015r	nBRT, pum	p 80spm x 5.3MPa,	HPS 50rpm x 0	8kNm, V	VOB max 50kN.	ROP ave. 20	30m/hr.					•••••				
				@7053r	nBRT, pum	p 100spm x 7.5MPa	, HPS 50rpm x	0-8kNm,	WOB max 50kN	I. ROP ave. 3	Om/hr.									
ļ	ļ	<b></b>	ļ	@7092r	nBRT, pum	mibly to 6918mBRT Lower RCB assem RT (14-174mbsf). 934mBRT(14-16mb p 80spm x 5MPa, H p 80spm x 5.3MPa, p 100spm x 7.5MPa p 100spm x 7.5MPa p 100spm x 7.5MPa p 100spm x 7.5MPa	i, HPS 50rpm x	U-8kNm,	WOB max 50kN	I. ROP ave. 5	0-60m/hr.									
23:15	24:00	0:45	Circ								•••••	*****				•••••				
23:15	24:00	0:45	Circ	3.1.00p 20113 01	z muu	with pump 120spm		omig (	oit addCII											
		reakdown (00:00		14-Mav		he data on 00:00 - 0	6:00 is unofficia	l.												
From	To	Hrs	Code	Detail of	f Operation															
0:00	3:15	3:15	Drlg (N)	Install sinker bar	r for recover	ring center bit asser ker bar by core line BRT due to unreleas	nbly.	nn 10 00	nnm v 0 214D	UDC 10	atab ····*	oonte- bir	occomb!:							
ļ	ļ	<del> </del>	ļ	Trouble	shoot on CF	ker bar by core line. BRT due to unreleas	sed from latch as	וט-20 אוי semhlv	No damane on	center hit De	ebris onto o	center bit	and upper inner a	ssembly						
3:15	4:00	0:45	Other	EBT connection	of DP and	preparation for corir	ng.													
				Meanwh	nile, wash d	preparation for corir own bottom 7092-7 )4mBRT (9.5m, 176	094.5mBRT (17	4-176.5m	nbsf). No fill on	oottom.										
4:00	6:00	2:00	Core	RCB test coring	7094.5-710	04mBRT (9.5m, 176	.5-186mbsf).													
				(04:08-0	04:42) Drop	inner barrel. Latch pressure with 40-50 coring. Pump 60sp ker bar by core line.	ing inner barrel l	y monito	or pump pressur	e increase 1.2	to 2.3MPa	a after 34	min from drop.							
		·	ļ	(04:49-0	14:54) RCB	coring Pump 60sr	m v 4 0MPa HF	1.4-2.3- 25 60 mm	3.4-4.3-3.5MPa n x 2-8kNm W(	OR 0=60kN RO	OP ave 60	lm/hr				•••••				
		·····		Run CB	RT with sinl	ker bar by core line.	Meanwhile pur	np 10spn	n x 0.3MPa, HP	S 10rpm.										
Bit Record																				
	ize in) M	IFR Ty		ADC Code S/N	lo.	Nozzles	Depth (mBRT)	То	Meter-	Hrs.		B (kN) Max	rpm Min. Max.	Total Rev. (krev)	Inner	Outer	Dull	Dull Condition Loc. B	G 0.D.	RP
		ICC BHC	C410C	7138	607			192.0	age 174.0	8.00		50	10 50	23.1	IIIIei	Outer	Dull	LUC. B	G 0.D.	- RF
							1					1								
BHA Record																		Hook Wt. (kN) @	7,09	
l	3	Core bit x RCB	core barrel (w/Lor	ng bit sub and 10-5/	8" stab) x 10	-5/8"Coring stab x 8-1	1/2" Core DC (2jts	) x 10-5/8	"Coring stab x 8-	1/2" Core DC (9	its) x							Total Hook Weig	nt	3,700
	<b>}</b>	XU X 5.68 HWL	DP (12Jts) x XO x	5 S140 pre. (688td	s) x 5-1/2 S	140 pre. (36stds) x X	J x 5-1/2" 5150 pi	e. (538tas	s) x 5-1/2 5150 N	ew (18stas) x c	-5/8° Z-140	New				•••••	ł	Pick Up Weight Slack Off Weight		+
Mud Properties		^																HPS & Traveling	block	750
	Туре	Time	Depth	MW VIS	PV Y	V Gel St.	WL Cake	pН	Pf CI-	K+ LG	S PPG	MBC	n K	Temp In Out	1					
	ater Gel	24:00	(mBRT)				WE Cake		11 01-	K. 10.	, ,,,				1					
Sea w	ater Gei	24:00	Pit	1.04 131	15 7	0 20 21	-	11.7		$\vdash$	+	$\vdash$	0.23 19.71	18	ł					
Mud Pumps : 14	I-P-220 @	7091.0 mBRT	5.00	gallon/stroke @	97%	Personnel @24	00		Mud Materials o	n Board @24:0	Ohrs			(unit: kg)		Helicont	ter Informa	tion		
			Pr	ress. Ann.	Vel.	CDEX	11	1		em		ceived	Used	Stock	1	Flt.	I	Time	P	assenger
No. Line	r Size S	PM G	PM (N	MPa) (m/m	nin)	MQJ Crew	94		Barite (Bulk)			0	0	557,500	1	No.	Arriv	red Dep	arted Are.	Dept.
	6	100 5	00 7	7.5		MQJ (Other)	0		Bentonite (by S.			0	0	0	1	1	$\vdash$			$\perp$
2	6 <sup>1</sup>	5	~   <i>'</i>	·~   -	-	MWJ Scientist	20 27		Kunigel-VO (Bul NaOH	к)	-	0	0 375	163,700 8,275	ł	3	$\vdash$	-	-+	+-
Geologic Informa	ation					Continst		1	Lime		1	0	380	8,200	1	4	$\vdash$	-	-+	+
From	To		Litho log	gy	$\Box$		Telnite 1	1	XCD-Polymer			0	0	100	1	5				
		l T					Sch-LWD 0	]	Rester			0	0	3,000	1			other information		
1	1	1			ı		Sch-WL 1	4	Baracor-100 (ga	1)		0	0		1	Incident	t	Last	No. LTA	\
1	1	1			ı	<b>—</b>	Magnum 1 Franks 0	-	Telnite OS-5		+	0	0	120 0	ł	LTA		Incident	-+	
Materials Stock	on Board @24·∩∩	)				<b>—</b>	WWT 0	1	<del>                                     </del>		+	0	0	0	1	HUNS o	cards	15	$\dashv$	
	em		eived U	Jsed Sto	ick		OCC 2	1				0	0	0	1	Remark				
Fresh Water		m3	90.9	91.4	197.7		NOV 1	]				0	0	0	1	l				
Potable Water		m3	0.0	3.6	136.6		yodenshi 0	4				0	0	0	1	Emerge	ency drill @	10:00.		
Drill Water Fuel		m3	0.0	2.0 43.9 2		<u> </u>	Other 3	-	<del> </del>		+	0	0	0	1	l				
Lube, Oil	•••••	m3 Ltrs	0.0	800	96,400	<b>—</b>	Julei 3	1	Marine Informat	on @24:00		1		<u> </u>		l				
Heli Fuel		Ltrs	0.0	0.0	800.0		t	1	Heave (m)			0.9				l				
								]	Pitch (deg)			0.4				l				
		1 1	I			Total	161	J	Roll (deg)	(dee)		0.2 32				l				
Boat Information	n@24·00					March Vol	ume (m3)	1	Vessel Heading Riser Tension (to			32				l				
			Т	īme I		Pre-Hyd.	ume (m3) 386	1	V.D. Load (Moor	,		1096	1.9			l				
Boat Nam		Status	Departed	ime Arrived		Kill mud (1.30sg		1	Max Draught (m			9.0	)			l				
No.18 Kaiko-	-Maru	Chikyu				Premix SW	50		Thruster (kW)			920	0			l				
						Sea Water Gel	133	1												
Weather Informa	ation	Tarre	(degC)	Barometer		Wind			1A	ave		1	Current	160	ibility					
inne	Weather	Air	(degC)	(hPa)	Speed (m/	s) Dir. (deg)	Gust (m/s)	Hein	ht (m) Dir.		eriod (s)	Speed	(knt) Dir. (		(m)					
24:00	bc	13.0	11.5	1015.9	3.1		4.8	2.		0	8.0	0.9			9					
Today's Schedul	le: RCB d	rilling to core point																		

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Chikyu DAILY MORNING REPORT