CHIKYU Operation

Last Update 3/June/2011

Structural Geology Observation Sheet

No. 1

Exp. : 338 Site : C0002 Hole : K Core : 1H Observer : T & S Summary:

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≦90)	from (±1, 90 or 270) * Top → "1" Bottom →"-1"	top	bottom	az./trend	dip	
1	fissility	0	131			90	0	0	0			0	78			
												82	133			
	bedding	123	123.5			270	3	180	3							
2	"	74	74			90	0	0	3			0	50			strong fissility is marked from 70-100 cm.
												66	81.5			
												90	103.5			
4												2.5	21.5			
												26.5	34			
												97	102.5			
5	bedding	29	29			90	0	0	2			104.5	115			
	"	33	33			90	4	180	1			116	140			
6												0	37			
												14.5	54.5			
C.C.												23	31			

CHIKYU Operation

Last Update 3/June/2011

No. 2

Structural Geology Observation Sheet

Exp. : 338 Site : C0002 Hole : K Core : 2H/3T Observer : T & S. Summary:

	Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip az.	Core face app. Dip dip	2nd app. Dip az.	2nd app. Dip dip	Striation on surface rake (≤90)	Striation on surface from (±1, 90 or 270) * Top → "1" Bottom →"-1"	Coherent interval (for P-mag) top	Coherent interval (for P-mag) bottom	P-mag pole az./trend	P-mag pole dip	Notes
2H:	1.												19	75.5			} no structures visible.
	C.C.												3	14.5			
3T:													10	26			
	1	bedd	54	54			90	4	0	0			42	90.5			
	2	"	35	35			270	4	180	5			7	87.5			
	3	"	42	42			90	0	0	4			0	43.5			
		"	63	63			90	2	0	1			60.5	120.5			
		"	82	82			270	5	0	4							
		"	91	91			90	0	0	7							
	4	bedd	4.5	4.5			90	6	0	5			1	70			
		"	87	87			270	2	180	2			80.5	140			
	5	"	69	69			90	4	180	3			25.5	42			
	6	bedd	120	120			90	2	180	4			15	140			
		"	136	136			270	3	0	10							
	7	"	2	2			90	4	180	3			1	37			
	C.C	"	26	26			270	4	0	4			1	4			
													20	29			

CHIKYU Operation

Last Update 3/June/2011

No. 3

Structural Geology Observation Sheet

Exp. : 338 Site : C0002 Hole : J (K) Core : 4T (&5T) Observer : T&S Summary:

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≦90)	from (±1, 90 or 270) * Top → "1" Bottom →"-1"	top	bottom	az./trend	dip	
4T: 1	bedd	12	12			90	0	180	4			0	41			
3												15	40			
(5)	bedd	100	100			90	0	0	0			0	5			
9												8	16			
4												65	124			
C.C.																
5T: 1	bedd	58	58			90	10	180	2			0	69			
2	"	3	3			270	2	180	2			0	98			
	"	21	21			270	6	180	1							
3	"	11	11			270	5	0	10			0	89			
	"	33	33			270	5	0	3							
	"	36	36			270	5	180	1							
4	"	55	55			270	2	0	0			0	14			
												39	83			
												93	108			
5												0	51			
7	bedd	56	56			270	10	0	6			0	97			
8												0	62			
C.C												5	14			

CHIKYU Operation

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Structural Geology Observation Sheet

No.

Exp.: 338 Site: C0002 Hole: K Core: 6T & 7X Observer: DF- Summary:

	Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip az.	Core face app. Dip dip	2nd app. Dip az.	2nd app. Dip dip	Striation on surface rake (≤90)	Striation on surface from (±1, 90 or 270) * Top → "1" Bottom →"-1"	Coherent interval (for P-mag) top	Coherent interval (for P-mag) bottom	P-mag pole az./trend	P-mag pole dip	Notes
6T:	1																Soupy clayey → no structure
	2																" " "
	3	bedding	24	24	24	0	270	3	180	2			20	26			
	4	"	110	110			270	8	0	2			98	111			
	C.C.																
7X:	1	bedd	20	20			90	2	0	7			0	49			
	2	"	4	4			90	1	0	2			0	25			
		"	26	26			270	1	0	1							
		"	46	46			90	10	0	2			40	60			
	3	"	37	37			270	1	0	1			0	58			
	4	"	20	20			90	1	0	0			0	36			
		"	97.5	97.5			90	6	0	2			65	110			
	5	"	19	19			90	4	0	2			16	31			
	6	bedd	11	11			270	2	180	10			0	63			
		"	32	32			90	1	0	0							
		"	81	81			90	0	180	6			79	130			
	7	"	58	58			90	5	0	2			40	75			

C.C.

CHIKYU Operation

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Structural Geology Observation Sheet

No.

Exp. : 338 Site : C0002 Hole : K Core : 8 X Observer : OF Summary:

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → "1" Bottom →"-1"	top	bottom	az./trend	dip	
1																Nothing
3	bedding	82	82			90	2	0	0			0	125			
4																Nothing
5	bedding	26	26			90	1	0	2			5	32			
CC	bedding	31	31			90	4	?	?	← unclear		0	34			

CHIKYU Operation

Last Update 3/June/2011

Structural Geology Observation Sheet

No.

Exp. : 338 Site : C0002 Hole : J / K Core : 9X Observer : K & S Summary:

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≦90)	from (±1, 90 or 270) * Top → "1" Bottom →"-1"	top	bottom	az./trend	dip	
1	bedd	14	14			270	2	0	3			0	100.5			
2	"	50	50			270	3	0	1			0	97.5			
	"	93.5	93.50			270	2	0	0							
4	"	95	95		90	0	3	0	7			0	140			
	"	107	107			270	2	0	5							
5												22	140			
6	bedd	37	37			270	1	0	1			0	142			
	"	55	55			270	8	0	0							
	"	80	80			270	3	0	0							
	"	112	112			270	0	0	0							
7	"	23.5	23.5			270	5	0	0			0	140.5			
	"	42	42			270	7	0	0							
	"	81.5	81.5		90	0	4	0	0							
8	"	27.5	27.5		90	0	2	0	0			0	119.5			
	"	54	54			270	2	0	1							
C.C	"	11.5	11.5			0	0	0	0			9	30			
						90										

CHIKYU Operation

Last Update 3/June/2011

Structural Geology Observation Sheet

No.

Exp. : 338 Site : C0002 Hole : K Core : 10X Observer : K.O. OF. YS Summary:

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → "1" Bottom →"-1"	top	bottom	az./trend	dip	
1												0	32			Nothing to describe.
3	Bedding	11	15			90	0	0	3			0	90			
	Bedding	60	60			90	0	0	3			〃	〃			
4	Bedding	15	15			90	6	0	0			0	125			
	Bedding	108	110			90	10	0	11			〃	〃			
5	Bedding	5	5			270	3	0	12			0	140			
		105	105			270	3	0	2			〃	〃			
6	Bedding	38	38			90	0	0	3			0	141			
		130	130			90	10	0	0			〃	〃			
7		39	39			90	5	0	0			0	107			
11 1																
2												0	149			
4	bedding	15	15			90	2	0	5			0	101			
	〃	47	47			90	1	180	6							
c.c.																