

Top 4 mbsf

Structural Geology

Exp: 315

Site: C0001E

Core: 2H

Observer: JAN

Summary:

structure ID	top of struct	bottom of struct	average depth (cm)	thickness (cm)	core face app. dip		2nd app. dip		orientation		orientation		coherent interval (for P-bottom)		P-mag pole		corrected orientation		notes
					az.	dip	az.	dip	strike	dip	dip dir	dip	top	bottom	az/trend	dip	az/trend	dip	
3 Bedding	76	78		1.5	0	0	0	0	0	0	0	0	36	152					greenish clay layer
5 Bedding	91	97		6	0	0	0	0	0	0	0	0	31	97					fine silt strongly bioturbated
7 Bedding	90.5	93		2.5	0	0	0	0											fine silt
7 Bedding	93	96.5		3.5	0	0	0	0											light gray ash layer

section

Structural Geology

$$\frac{3.5 \times 11 \times H}{4} = 2016$$

Exp: 315

Site: C0001E

Core: 4H

Observer: Vance

Summary:

No description in core 3H

structure ID	top of struct	bottom of struct	average depth (cm)	thickness (cm)	core face app. dip		2nd app. dip		orientation		coherent interval (for P-bottom)		P-mag pole		corrected orientation		notes
					az.	dip	az.	dip	strike	dip	dip dir	dip	top	bottom	az/trend	dip	
1 bedding	44	47	23550	3													Sandy layer of grey ashes + glauconite, horizontal bedding
2 bedding	138	150 (bottom)	24550	12													Sandy layer of grey ashes + glauconite, horizontal bedding
3 bedding	0	45	24650	45													"
4 bedding	112	122	27000	3													Dark sandy ashes bedding penetrating into the next bedding: ← CONTRACTION? Dark fishes grey ashes clayey
5 bedding	143.5	147	29100	4													Dark sandy ashes
6 bedding	147	148	29100	1													grey clayey ashes.
7 bedding	142	145	32100	3cm													grey sandy ashes.
8 bedding	51	54	34200	3cm													Dark silty ashes, bioturbated.

section

Rec 5
2/2 70-153

7

Structural Geology

Summary: Undeformed mud with layers of glauconites & sandy beddings

Observer: *[Handwritten Name]*

Core: 5H

Site: 6001E

Exp: 35

structure ID	top of struct	bottom of struct	average depth (cm)	thickness (cm)	core face app. dip		2nd app. dip		orientation		coherent interval (for P-bottom)		P-mag pole		corrected orientation		notes	
					az.	dip	az.	dip	strike	dip	dip dir	dip	top	bottom	az/trend	dip		az/trend
1 bedding	375	385	32.950	1					0	0							Darker sandy ashes, horizontal bedding	
2 bedding	154	157.5	35.600	3.5					0	0							"	
3 bedding	452.5	455.5	76.450	3					0	0							grey sandy ashes, horizontal bed.	
4 "	182	123.5	36.850	1.5					0	0							"	
5 bedding	137	140	38.550	3					0	0							glaucony bedding above grey ashes sandy, horizontal bedding	
7 bedding	105	109		4cm					0	0							grey sandy ashes, horizontal bed.	
6 Normal Faults(?)	90	92		6	49	49	0	11										
	96	98		8	42	47	0	9										
	104	104			47	47	0	9										
Bedding cut by upper fault	88	91			5	5	0	11									Darker layer of clays.	
CC bedding	28	34		6														grey sandy ashes, horizontal bedding

Top 42 mbs sf

Structural Geology

Exp: 315 Site: C000(E) Core: 6H Observer: Vince Summary:

section	structure ID	top of struct	bottom of struct	averg e depth	thickne ss (cm)	core face app. dip		2nd app. dip		orientation		orientation		coherent interval (for P-)		P-mag pole		corrected orientation		notes
						az.	dip	az.	dip	strike	dip	dip dir	dip	top	bottom	az/trend	dip	az/trend	dip	
1	bedding	33	39		6					0	0									grey sandy ashes.
2	bedding	4	5		1					0	0									grey sand ashes, bedding horiz.
6	bedding	10	10.5		0.5	0	0			0	0									greenish clay
5	bedding	124	124.5		0.5	90	5	0	0											greenish clay
	"	136.5	137		0.5	90	7	0	7											greenish clay
7	bedding	50	50.5		0.5	0	0			0	0									greenish clay
8	bedding	70	72		1	090	07	180	05											greenish clay layer

Top 5/16 vnsf

Structural Geology

Summary:

Observer:

Core: 7H

Site: C0001E

Exp: 315

section	structure ID	top of struct	bottom of struct	average depth (cm)	thickness (cm)	core face app. dip		2nd app. dip		orientation		orientation		coherent interval (for P-bottom)		P-mag pole		corrected orientation		notes
						az.	dip	az.	dip	strike	dip	dip dir	dip	top	bottom	az/trend	dip	az/trend	dip	
1	Bedding	107.3	107.7		0.4	90	0	0	0					94	128.5					greenish clay layer
7	"	57	57.5		20.5	90	5	180	4					44	53					"
5	"	39.5	41		0.3	90	11	180	4					8.5	42					dark "
2	"	73	73.5		0.5	90	0	0	0					71.5	77					greenish clay layer
9	"	66	68.5		2.5	90	2	0	1					68	79					greenish silty layer gray sandy ash layer
10	"	104	104.5		0.3	90	0	0	0					100	126					greenish clay layer

Top 61 mbsf

1/2

Structural Geology

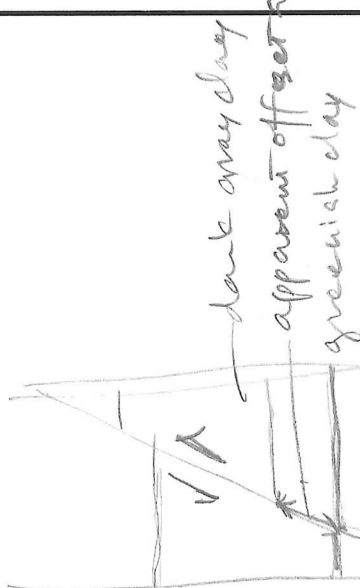
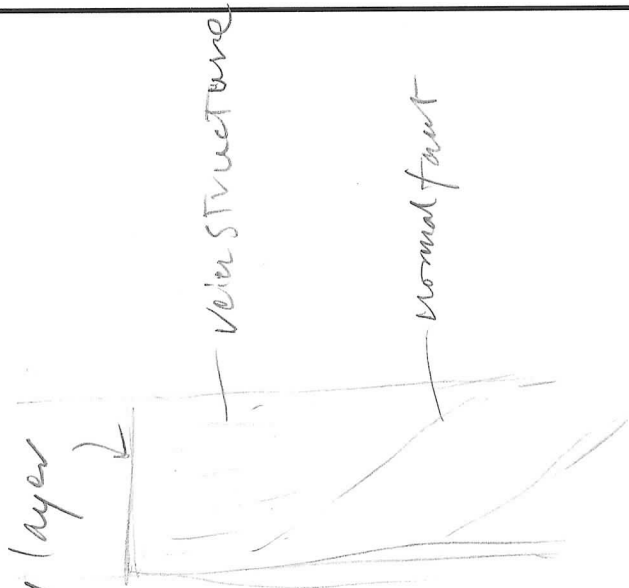
Summary:

Core: 8H

Observer:

Site: 60001E

Exp: 315

structure ID	top of struct	bottom of struct	average depth	thickness (cm)	core face app. dip		2nd app. dip		orientation		orientation		coherent interval (for P-bottom)		P-mag pole		corrected orientation		notes
					az.	dip	az.	dip	strike	dip	dip dir	dip	top	bottom	az/trend	dip	az/trend	dip	
1 Bedding	95.8	97		1.2	270	1	0	0	2					85	100				dark gray clay layer with a diffuse top and a sharp base contact with 0.5 cm thick greenish clay layer
Normal fault	50	67			270	69	16	0						24.5 55.5 55.5 73					 <p>dark gray clay apparent offset 2.0 cm greenish clay</p>
3 Bedding	36	37		0.5	90	3	180	5						25	40				greenish clay layer
7 Bedding	9	14		5.0	090	06	180	0						0	23				graded ash bed somewhat irreg basal contact
9 Bedding	79	80		0.3	270	5	0	8						60	107				 <p>silty layers vein structure normal fault</p>
Vein structure	80	89			90	73	320	0											
Normal fault	89	100			90	69	315	0											
4	92	108																	

section

Top 6/1/1

Structural Geology

Summary: Many normal fault Gs, additional data on core 84 (2 spread sheets) 2/2

Exp: 315

Site: C0001E

Core: 8H

Observer: Vince

section	structure ID	top of struct	bottom of struct	average depth	thickness	core face app. dip		2nd app. dip		orientation		coherent interval (for P-)		P-mag pole		corrected orientation		notes
						az.	dip	az.	dip	strike	dip	dip dir	dip	top	bottom	az/trend	dip	
1	Fault	104	105		5m	90	24	180	30									
6	Fault	47	52		5m	90	50	38	0									
	Fault	105	114		9m	270	49	?	?									
7	Normal fault	20	30		10m	270	50	12	0									
8	Normal fault	24	30		6m	270	42	331	0									
	Normal	82	84		7m	?	?	?	?									Normal offset - beam
8	Fault	115	121		6	270	46	000	27									Normal offset ? Slide: Trend 270 plunge dip 30
9	Fault	118	124		6	90	33	357	0									Normal offset, slicken slides, strike 270 12
	Fault	40	46		6	270	44	0	20									Normal offset, slicken slides, strike 270 12

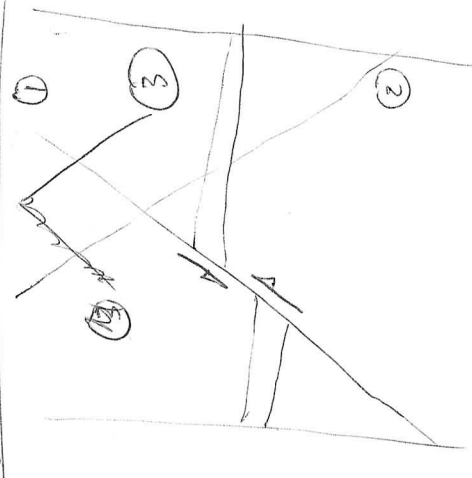
Trend: 332

Top 706

Structural Geology

Exp: 315 Site: Coarce Core: 9M Observer: Vince Summary: Faults & bedding

structure ID	top of struct	bottom of struct	average depth	thickness	core face app. dip		2nd app. dip		orientation		orientation		coherent interval (for P-bottom)		P-mag pole		corrected orientation		notes
					az.	dip	az.	dip	strike	dip	dip dir	dip	top	bottom	az/trend	dip	az/trend	dip	
8	69	75		6	270	33	360 19	0											cut of unconform patch sense not clear
6	132	138		6	270	40	180	13											Normal of set → Photo
	12	18		6	270	36	0	37											No visible offset.
	53	64		11															Sandy grey ashes, irregular, biturbulent
7																			
	28	35		7	270	44	0	23											
	26	33		7	90	43	0	8											
	25	31		6	90	36	180	13											
3	2,5	9		9,5															
7	18	20		2															
	32,5	35,5		3															
	52	57		5															
	84	87		3															



grey sandy ashes. horizontal

grey sandy ashes, irregular ~ horizontal bedding.

