

Site: 1412A

Exp. 344 Structural Geology Observation Sheet

Core	Sec.	Structure ID	Top of struct	Bottom of struct	Core face app. plunge		2nd app. plunge		Striation on surface		Coherent int for pmag		P-mag pole		Note
					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
1		None			90 or 270		0, 120, Other	other or 0		90 or 270					
2	1	bedding	83	84	90 or 270	3	0	11		90 or 270					
3	5	bedding	31	35	90 or 270	30				90 or 270					
		"	99	105	90 or 270	34	180	7		90 or 270					
4	2	bedding	39	40	90 or 270	5	0	10		90 or 270					
		"	59	60	90 or 270	5	0	8		90 or 270					
		"	111	112	90 or 270	5	0	18		90 or 270					
5		None			90 or 270					90 or 270					
6		None			90 or 270					90 or 270					
7	2	bedding ?	49	60	90 or 270	63	345	0		90 or 270					
	4	" ?	91	102	90 or 270	56	310	0		90 or 270					
	5	"NF"	27	46	90 or 270	69	24	0		90 or 270					
8	4	fault? NF	51	61	90 or 270	52	0	36	47	90 or 270					
	1	NF	43	56	90 or 270	67	40	0	25	90 or 270					
	1	NF	90	87	90 or 270	51	225	0	39	90 or 270					
9		None			90 or 270					90 or 270					
10	1	NF	76	87	90 or 270	60	3	0	15	90 or 270					
	1	NF	112	114	90 or 270	41	180	8	33	90 or 270					
	2	Fracture	63	68	90 or 270	30	180	10		90 or 270					

embed  
↑

Very faint - in one place some surfaces are in the opposite direction - in the working h. Some striations were found - (but not in the surface itself) - Slip? - therefore bedroving - conjugate faults? - creeping?

Exp. 344 Structural Geology Observation Sheet

Site: 14/2A

Core	Sec.	Structure ID	Top of struct	Bottom of struct	Core face app. plunge		2nd app. plunge		Striation on surface		Coherent int for pmag		P-mag pole		Note
					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
11	1	NF	32	38	90 or 270	45	33	0	40	90 or 270					
12		none			90 or 270	-	-	-	-	90 or 270					
13	1	bedding sh.	92	97	90 or 270	12	0	18		90 or 270					
14	1	lamination	86	87	90 or 270	1	180	2		90 or 270					
	3	"	57	58	90 or 270	1	180	5		90 or 270					
	4	hydrate			90 or 270					90 or 270					
	5				90 or 270					90 or 270					
	6				90 or 270					90 or 270					
	7				90 or 270					90 or 270					
						90 or 270					90 or 270				
15		None			90 or 270					90 or 270					
16		"			90 or 270					90 or 270					
17	2	NF	50	55	90 or 270	32	303	0	66	90 or 270	50	55			
	3	bedding.	53	55	90 or 270	5	0	13		90 or 270	45	57			
	4	"	32	33	90 or 270	X	0	15		90 or 270					
18		None			90 or 270					90 or 270					
19		"			90 or 270					90 or 270					
20		NF	73	78	90 or 270	47	347	0	66	90 or 270	73	78			
21		none			90 or 270					90 or 270					
22		none			90 or 270					90 or 270					
23		none			90 or 270					90 or 270					
24		none			90 or 270					90 or 270					milled
25		none			90 or 270					90 or 270					milled

33-102 hydrate?  
 nec. very soupy. impossible to split

Exp. 344 Structural Geology Observation Sheet

Site: 141213

Core	Sec.	Structure ID	Top of struct	Bottom of struct	Core face app. plunge		2nd app. plunge		Striation on surface		Coherent int for pmag		P-mag pole		Note
					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
3x		None			90 or 270		0, 180, Other	other or 0		90 or 270					
4x		None			90 or 270		0, 180, Other	other or 0		90 or 270					
5x		None			90 or 270		0, 180, Other	other or 0		90 or 270					
6x		None			90 or 270		0, 180, Other	other or 0		90 or 270					
7x	3	bedding / ash	28	33	90 or 270	36	0, 180, Other	other or 0		90 or 270					
8x	cc	bedding	27	29	90 or 270	15	0, 180, Other	other or 0		90 or 270					
		NF			90 or 270	53	0, 180, Other	other or 0		90 or 270					
9	cc	none			90 or 270		0, 180, Other	other or 0		90 or 270					
10		none			90 or 270		0, 180, Other	other or 0		90 or 270					
11		none			90 or 270		0, 180, Other	other or 0		90 or 270					
12		none			90 or 270		0, 180, Other	other or 0		90 or 270					
13					90 or 270		0, 180, Other	other or 0		90 or 270					
1		None.			90 or 270		0, 180, Other	other or 0		90 or 270					
16					90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
17	cc	breccia / injection.			90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					

ash layers; boudinaged, <sup>NF</sup> asymmetric  
 → compacted structure

0-5cm breccia or injection?  
 composed of greenish colored  
 tuffaceous siltstone (angular-subangular)  
 and black colored fine sand → KR D  
 4 zeolite (?) vein.

Site: 1412 C

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Core	Sec.	Structure ID	Top of struct	Bottom of struct	Core face app. plunge		2nd app. plunge		Striation on surface		Coherent int for pmag		P-mag pole		Note
					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
2R		none			90 or 270		0, 180, Other	other or 0		90 or 270					
3R	2	bedding	39	40	90 or 270		0, 180, Other	other or 0		90 or 270					sand layer in parcel; bedding plane disturbed
4R		none			90 or 270		0, 180, Other	other or 0		90 or 270					
5R	2	str. slip, sinist	38	43	90 or 270	11	275	0	6	90 or 270					
5R	2	normal fault	27	33	90 or 270	52	288	0	85	90 or 270					
5R	2	normal fault	46	52	90 or 270	50	305	0	53	90 or 270	46	58			
5R	2	reverse fault	47	52	90 or 270	41	180	50	50	90 or 270					
5R	3	reverse fault	54	58	90 or 270	51	0	52	29	90 or 270					
5R	3	bedding	58	64	90 or 270	52	0	32		90 or 270	61	64			
5R	3	brecciated 2.	68	90	90 or 270	46	180	24	21	90 or 270				brecciated pm	
5R	3	bedding	82	84	90 or 270	46	180	24		90 or 270					
5R	3	reverse fault	75	85	90 or 270	61	294	0	32	90 or 270				striation - coated	
5R	3	reverse fault	82	84	90 or 270	66	10	0	83	90 or 270					
6R	1				90 or 270					90 or 270					Sec. 139 ~ sec. 3, 85 breccia zone.
	1	S0	74	77	90 or 270	34	0	8		90 or 270	72	77			
	2	NF	62	63	90 or 270	25	180	51	52	90 or 270					Sec 3, 115 - sec 5 94 breccia zone.
					90 or 270					90 or 270					
	4	fault	88	89	90 or 270	45	0	32	45	90 or 270	88	102			
		RF	91	93	90 or 270	24	180	3	55	90 or 270	88	102			
	5	fault	28	33	90 or 270	39	342	0	80	90 or 270					
	6	S1	60	76	90 or 270	82	321	0		90 or 270	60	76			
	6	S1	56	82	90 or 270	51	341	0		90 or 270	56	90			
					90 or 270					90 or 270					
					90 or 270					90 or 270					
					90 or 270					90 or 270					

Site: 1412 C

Exp. 344 Structural Geology Observation Sheet

Core	Sec.	Structure ID	Top of struct	Bottom of struct	Core face app. plunge		2nd app. plunge		Striation on surface		Coherent int for pmag		P-mag pole		Note	
					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc		
7	1	So	43	44	90 or 270	21	0	0		90 or 270	28	77				
		NF	28	55	90 or 270	56	18	0	42	90 or 270	28	77				
	2	So	54	56	90 or 270	25	0	23		90 or 270	28	77				
		So	90	78	90 or 270	65	28	0		90 or 270						
		bedding	99	108	90 or 270	63	356	0		90 or 270	89	108				
		So	114	120	90 or 270	69	31	0		90 or 270	112	120				
8	1	So	13	16	90 or 270		0	2		90 or 270						
		RF	36	37	90 or 270	29	0	2		90 or 270	8	17				
	2	So	60	66	90 or 270	30	180	7	17	90 or 270						
		healed fc.	84	87	90 or 270	42	5	0		90 or 270	55	72				
		6	So	96	85	90 or 270	20	180	14		90 or 270	65	110			
			So	96	85	90 or 270	6	0	82		90 or 270	76	85			
9	1	So	30	31	90 or 270	5	0	9		90 or 270	11	36				
		healed fc	4	5	90 or 270	2	0	3		90 or 270	0	16				
10		none			90 or 270					90 or 270						
					90 or 270					90 or 270						
					90 or 270					90 or 270						
					90 or 270					90 or 270						
					90 or 270					90 or 270						
					90 or 270					90 or 270						
					90 or 270					90 or 270						
					90 or 270					90 or 270						
					90 or 270					90 or 270						
					90 or 270					90 or 270						

Sec. 2 20 - Sec. 3 34 breccia zone

Sec. 5 0 - Sec. 6 28 breccia zone



Site: 1412 D

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Core	Sec.	Structure ID	Top of struct	Bottom of struct	Core face app. plunge		2nd app. plunge		Striation on surface		Coherent int for pmag		P-mag pole		Note
					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
22	1	Bedding	84	100	90 or 270	38	180	14		90 or 270	84	100			
	2	NF	8	11	90 or 270	26	0	14	85	90 or 270	10	17			
	2	NF	29	38	90 or 270	58	355	0	5	90 or 270	18	44			
	2	RF	58	58	90 or 270	2	0	45	42	90 or 270	51	60			
	3	NF	5	10	90 or 270	28	0	5	8	90 or 270	5	12			
	3	NF (YOUNGER)	62	68	90 or 270	43	0	12	12	90 or 270	63	69			
	3	RF (LATER)	60	64	90 or 270	29	0	25	35	90 or 270	63	69			
	3	Bedding	92	95	90 or 270	27	0	22		90 or 270	88	95			
		BRITTLE SHEAR ZONE													
		(BOUNDARY) RF	93	105	90 or 270	28	0	3	21	90 or 270					
	3	(SINGLE SURF) NF			90 or 270	37	327	0	12	90 or 270					
	4	BRECC. ZONE	55	88	90 or 270					90 or 270					
	4	FOULATION	94	99	90 or 270	37	0	38		90 or 270	91	99			
	4	NF	135	139	90 or 270	22	180	35	34	90 or 270	137	144			
	4	NF	127	128	90 or 270	5	180	44	32	90 or 270	127	137			
	4	NF	127	130	90 or 270	25	180	29	35	90 or 270	127	137			
	5	RF	31	36	90 or 270	35	0	27	20	90 or 270	28	43			
	5	NF	40	44	90 or 270	33	0	30	29	90 or 270	28	43			
	5	RF	81	86	90 or 270	40	0	2	37	90 or 270	76	84			
	6	Bedding	20	21	90 or 270	5	180	5		90 or 270	12	24			
	6	DEF BAND	32	35	90 or 270	13	180	15		90 or 270	25	53			
	6	n	61	67	90 or 270	7	180	30		90 or 270	61	67			
	6	Bedding	83	85	90 or 270	6	180	2		90 or 270	81	97			
	6	NF	92	97	90 or 270	31	0	3	9	90 or 270	81	97			
					90 or 270					90 or 270					
					90 or 270					90 or 270					



