

Exp. 344 Structural Geology Observation Sheet

Site: 1413A

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	
1H	1	bedding (slump)	55	56	90 or 270	3	0	15		90 or 270	all ↓ all ↘				Sec. 3 43-109. slump?
	4	"	65	70	90 or 270	38	180	1		90 or 270					
	4	"	58	59	90 or 270	3	0	5		90 or 270					
	4	"	85	89	90 or 270	30	180	19		90 or 270					
	4	bedding	43	44	90 or 270	2	180	2		90 or 270					
	4	"	58	59	90 or 270	3	180	3		90 or 270					
2H	1	Bedding 83-84	83	84	90 or 270	3	180	2		90 or 270	all				
	1	Bedding	130	131	90 or 270	1	180	1		90 or 270	all				
	2	Bedding	28	29	90 or 270	3	0	5		90 or 270	all				
	2	Bedding	108	109	90 or 270	4	0	2		90 or 270	all				
	2	Bedding	125	126	90 or 270	3	0	4		90 or 270	all				
	3	Bedding	7	10	90 or 270	1	180	1		90 or 270	all				
	3	Bedding	59	71	90 or 270	2	0	2		90 or 270	all				
	3	Bedding	82	85	90 or 270	2	0	3		90 or 270	all				
	3	Bedding	87	90	90 or 270	2	0	1		90 or 270	all				
	3	Bedding	96	96	90 or 270	1	0	2		90 or 270	all				
	3	"	117	119	90 or 270	4	0	1		90 or 270	all				
	3	"	131	132	90 or 270	2	0	2		90 or 270	all				
	4	"	15	17	90 or 270	4	0	4		90 or 270	all				
	4	"	45	46	90 or 270	3	0	3		90 or 270	all				
	4	"	66	68	90 or 270	3	0	2		90 or 270	all				
4	"	87	91	90 or 270	1	0	2		90 or 270	all					
5	"	10	15	90 or 270	3	0	5		90 or 270	"					
5	"	32	36	90 or 270	1	180	2		90 or 270	"					
5	"	48	53	90 or 270	1	0	1		90 or 270	"					

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					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
2H	5	Bedding	94	137	90 or 270	3	0, 180, Other	other or 0		90 or 270		all			
	6	h	10	30	90 or 270	1	0, 180, Other	other or 0		90 or 270		all			
	6	h	30	36	90 or 270	4	0, 180, Other	other or 0		90 or 270		all			
	6	h	56	58	90 or 270	2	0, 180, Other	other or 0		90 or 270		all			
	6	h	72	77	90 or 270	2	0, 180, Other	other or 0		90 or 270		all			
	6	h	111	112	90 or 270	1	0, 180, Other	other or 0		90 or 270		all			
	6	h	119	123	90 or 270	5	0, 180, Other	other or 0		90 or 270		all			
	7	h	0	5	90 or 270	2	0, 180, Other	other or 0		90 or 270		all			
	7	h	37	39	90 or 270	1	0, 180, Other	other or 0		90 or 270		all			
3H	7	h	64	66	90 or 270	2	0, 180, Other	other or 0		90 or 270		all			
	1	Bedding	18	23	90 or 270	10	0, 180, Other	other or 0		90 or 270		h			
	1	h	47	50	90 or 270	3	0, 180, Other	other or 0		90 or 270		h			
	1	h	86	88	90 or 270	5	0, 180, Other	other or 0		90 or 270		h			
	2	h	37	43	90 or 270	3	0, 180, Other	other or 0		90 or 270		h			
	2	h	64	65	90 or 270	2	0, 180, Other	other or 0		90 or 270		h			ash layer
	3	h	0	8	90 or 270	1	0, 180, Other	other or 0		90 or 270		h			
	3	h	30	33	90 or 270	1	0, 180, Other	other or 0		90 or 270		h			
	3	h	64	66	90 or 270	2	0, 180, Other	other or 0		90 or 270		h			
	3	h	90	93	90 or 270	3	0, 180, Other	other or 0		90 or 270		h			
	3	h	134	137	90 or 270	1	0, 180, Other	other or 0		90 or 270		h			
	4	h	6	9	90 or 270	4	0, 180, Other	other or 0		90 or 270		h			
	4	h	75	84	90 or 270	3	0, 180, Other	other or 0		90 or 270		h			
	4	h	96	97	90 or 270	1	0, 180, Other	other or 0		90 or 270		h			
	4	h	114	118	90 or 270	1	0, 180, Other	other or 0		90 or 270		h			
			135	138	90 or 270	1	0, 180, Other	other or 0		90 or 270		h			

Site: 1413 A

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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	
3H	5	Bedding	0	4	90 or 270	1	0, 180, Other	other or 0		90 or 270	h				
			9	12	90 or 270	1	0, 180, Other	other or 0		90 or 270	h				
			24	25	90 or 270	1	0, 180, Other	other or 0		90 or 270	h				
			31	32	90 or 270	1	0, 180, Other	other or 0		90 or 270	h				
			103	107	90 or 270	0	0, 180, Other	other or 0		90 or 270	h				
			132	133	90 or 270	2	0, 180, Other	other or 0		90 or 270	h				
			141	148	90 or 270	3	0, 180, Other	other or 0		90 or 270	h				
	6	h	11	13	90 or 270	1	0, 180, Other	other or 0		90 or 270	v				
			74	76	90 or 270	1	0, 180, Other	other or 0		90 or 270	h				
			33	36	90 or 270	1	0, 180, Other	other or 0		90 or 270	h				
4H	1	h	116	122	90 or 270	2	0, 180, Other	other or 0		90 or 270	h				
			102	104	90 or 270	1	0, 180, Other	other or 0		90 or 270	h				
			36	37	90 or 270	10	0, 180, Other	other or 0		90 or 270	h				
			80	82	90 or 270	10	0, 180, Other	other or 0		90 or 270	h				
			102	103	90 or 270	11	0, 180, Other	other or 0		90 or 270	h				
			3	4	90 or 270	4	0, 180, Other	other or 0		90 or 270	h				
			35	37	90 or 270	2	0, 180, Other	other or 0		90 or 270	h				
			113	114	90 or 270	4	0, 180, Other	other or 0		90 or 270	h				
5H	1	Bedding	70	71	90 or 270	2	0, 180, Other	other or 0		90 or 270	h				
			115	116	90 or 270	2	0, 180, Other	other or 0		90 or 270	h				
			122	124	90 or 270	2	0, 180, Other	other or 0		90 or 270	h				
			67	68	90 or 270	7	0, 180, Other	other or 0		90 or 270	h				
			60	61	90 or 270	5	0, 180, Other	other or 0		90 or 270	h				
			76	77	90 or 270	4	0, 180, Other	other or 0		90 or 270	h				
			18	19	90 or 270	0	0, 180, Other	other or 0		90 or 270	h				

sec 5
22 - 135 → slump.

Site: 1413 A

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	
5H	6	Bedding	75	75	90 or 270	0	0	4		90 or 270					
6H	1	bedding	35	36	90 or 270	1	180	3		90 or 270	0	41			
	1	"	67	68	90 or 270	4	0	2		90 or 270	44	74			
	3	"	90	91	90 or 270	3	0	5		90 or 270	all				
	3	NF	85	108	90 or 270	25	348	0	22	90 or 270					
	3	"	96	110	90 or 270	69	349	0	78	90 or 270					→ after NF. sandier... slump?
	4	bedding	34	35	90 or 270	2	0	2		90 or 270	all				
7H	1	bedding	101	103	90 or 270		0	0		90 or 270					
	3	"	93	94	90 or 270	19	180	1		90 or 270	all				
	6	"	59	80	90 or 270	6	180	2		90 or 270	"				sec. 13 ~ contoured & mixed. slump?
					90 or 270		180	3		90 or 270	45	107			
8H	4	bedding	20	22	90 or 270		0	2		90 or 270					
					90 or 270	20	0	2		90 or 270	23	149			
9H		None			90 or 270					90 or 270					
10H		None			90 or 270					90 or 270					Highly homogenized.
11H	2	bedding	125	126	90 or 270	5	180	5		90 or 270	all				
12H		None			90 or 270					90 or 270					
13H	4	Bedding	53	61	90 or 270	25	0	5		90 or 270	all				
14H		None			90 or 270					90 or 270					
15H		None			90 or 270					90 or 270					
16H		None			90 or 270					90 or 270					
17H		None			90 or 270					90 or 270					

Site: 1413A

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	
18H		None			90 or 270		0, 180, Other	other or 0		90 or 270					
19x		None			90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
20x	5	Pyrite vein	101	117	90 or 270	77	0, 180, Other	other or 0		90 or 270	109	117			
	6	vein ct	63	67	90 or 270	88	0, 180, Other	other or 0		90 or 270	63	67			sec. 615-96 → vein ct
					90 or 270		0, 180, Other	other or 0		90 or 270					
21x		None			90 or 270		0, 180, Other	other or 0		90 or 270					
22x		None			90 or 270		0, 180, Other	other or 0		90 or 270					
23x		None			90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
24x	2	bedding	69	69	90 or 270	6	0, 180, Other	other or 0		90 or 270	64	64			
	4	fracture	81	86	90 or 270	86	0, 180, Other	other or 0		90 or 270	66	66			
					90 or 270		0, 180, Other	other or 0		90 or 270					
25x		None			90 or 270		0, 180, Other	other or 0		90 or 270					
					90 or 270		0, 180, Other	other or 0		90 or 270					
26x	1	Bedding	15	16	90 or 270	5	0, 180, Other	other or 0		90 or 270	13	19			
	1	"	36	37	90 or 270	0	0, 180, Other	other or 0		90 or 270	35	39			
	1	NF	81	85	90 or 270	34	0, 180, Other	other or 0	1	90 or 270	81	102			
	2	RF	16	16	90 or 270	2	0, 180, Other	other or 0	75	90 or 270	7	16			
	2	NF	113	116	90 or 270	23	0, 180, Other	other or 0	45	90 or 270	105	118			
	3	VEIN ^{shear} Normal	56	59	90 or 270	21	0, 180, Other	other or 0		90 or 270	56	63			irregular vein
	3	VEIN ^{shear} Normal	113	115	90 or 270	37	0, 180, Other	other or 0		90 or 270	111	125			
	4	VEIN Normal	2	3	90 or 270	11	0, 180, Other	other or 0	34	90 or 270	0	4			
	4	RF	12	16	90 or 270	40	0, 180, Other	other or 0	25	90 or 270	10	25			
	4	VEIN	43	48	90 or 270	40	0, 180, Other	other or 0		90 or 270	40	43			

Site: M13 B

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	3	bedding	81	83	90 or 270	10	180	1		90 or 270					
	3	bedding	109	110	90 or 270	1	0	1		90 or 270					
	4	bedding	58	60	90 or 270	23	0	1		90 or 270					
	5	bedding	34	35	90 or 270	3	0	1		90 or 270					
2	1	bedding	50	51	90 or 270	1	0	0		90 or 270					
	2	"	17	18	90 or 270	3	180	1		90 or 270					
	2	"	50	52	90 or 270	6	0	0		90 or 270					
	3	"	60	62	90 or 270	3	0	0		90 or 270					
	4	"	67	67	90 or 270	2	0	0		90 or 270					
	5	"	84	85	90 or 270	1	0	1		90 or 270					
3	6	"	57	57	90 or 270	3	180	2		90 or 270					
	2	bedding	84	85	90 or 270	1	0	0		90 or 270					
	2	"	127	128	90 or 270	1	0	2		90 or 270					
	3	"	4	6	90 or 270	2	0	2		90 or 270					
	3	"	58	60	90 or 270	4	0	3		90 or 270					
	4	bedding	15	19	90 or 270	1	0	0		90 or 270					
	3	fault	92	116	90 or 270					90 or 270					
	4	bedding	43	44	90 or 270	8	0	1		90 or 270					
	4	"	113	115	90 or 270	3	0	1		90 or 270					
	5	bedding	35	43	90 or 270	5	0	2		90 or 270					
	5	bedding	61	68	90 or 270	2	180	1		90 or 270					
	5	"	87	88	90 or 270	2	0	2		90 or 270					
	6	"	121	124	90 or 270	2	0	3		90 or 270					
	7	"	17	19	90 or 270	1	180	1		90 or 270					

Site: 1413C

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		
2	2	N fault	32	45	90 or 270	71	336	other or 0	44	90 or 270	36	40				
	3	N fault	15	53	90 or 270	19	355	other or 0	18	90 or 270	25	30				
	3	N fault	55	60	90 or 270	35	420	other or 0	28	90 or 270	49	58				
	6	N fault	32	45	90 or 270	18	22	other or 0	3	90 or 270	24	39				
					90 or 270			other or 0		90 or 270						
3		None			90 or 270			other or 0		90 or 270						
4		None (No recovery)			90 or 270			other or 0		90 or 270						
5	2	fracture zone?	95	150	90 or 270			other or 0		90 or 270						
	3	bedding	141	142	90 or 270	3	0	other or 0		90 or 270	128	145				
6R	1	RF	111	115	90 or 270	25	0	other or 0	20	90 or 270	73	140				
	1	late lateral fault	9	11	90 or 270	22	180	other or 0	45	90 or 270	0	70				
	9	NF	5	6	90 or 270	5	100	other or 0	87	90 or 270	0	70				
	9	RF	14	15	90 or 270	3	0	other or 0	45	90 or 270	0	70				
					90 or 270			other or 0		90 or 270						
			vertical			90 or 270	85	34	other or 0		90 or 270	46	93			
			each vein	5	55	90 or 270	3	0	other or 0		90 or 270					
			vertical array			90 or 270	3	0	other or 0		90 or 270					
			" each vein	118	120	90 or 270	84	48	other or 0		90 or 270	73	140			
			array			90 or 270	4	10	other or 0		90 or 270					
3		each vein	50	73	90 or 270	86	325	other or 0		90 or 270	55	93				
		array			90 or 270	9	0	other or 0		90 or 270						
					90 or 270			other or 0		90 or 270						
7R	1	bedding	50	51	90 or 270	2	0	other or 0		90 or 270	49	51				
		NF	77	90	90 or 270	62	197	other or 0	16	90 or 270	79	94				
		NF	96	102	90 or 270	32	180	other or 0	45	90 or 270	99	109				
	2	NF	50	58	90 or 270	40	180	other or 0	50	90 or 270	30	67				

Sec. 3 90 - 150 breccia zone?

Site: 1413C

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	
7R	2	RF	66	68	90 or 270	15	180	28	68	90 or 270	30	67			
	3	RF	10	15	90 or 270	38	0	67	17	90 or 270	10	19			
	3	NF	16	18	90 or 270	18	0	35	50	90 or 270					15-24 Brecciated zone
	3	RF	46	46	90 or 270	20	180	65	87	90 or 270					40-139 Brecciated zone
	3	RF	49	50	90 or 270	5	180	30	12	90 or 270					top to the right w/ core broken
	3	NF	50	57	90 or 270	65	180	70	6	90 or 270					
	4	NF	17	18	90 or 270	80	0	30	10	90 or 270	5	44			
	4	NF	19	23	90 or 270	25	0	30	5	90 or 270	5	44			
	4	NF	27	29	90 or 270	28	0	2	22	90 or 270	5	44			
	4	RF	33	36	90 or 270	15	180	8	28	90 or 270	5	44			
	5	RF	36	38	90 or 270	30	180	77	70	90 or 270	0	85			
	5	RF	51	53	90 or 270	0	0	35	9	90 or 270	0	55			
	5	NF	34	56	90 or 270	27	0	2	50	90 or 270	0	55			
	5	MOD VENS EACH VEN	80	105	90 or 270	73	0	4		90 or 270					
	"	VEN ARRAY	81	88	90 or 270	14	0	31		90 or 270					
	5	mud veins	92	98	90 or 270	79	184	0		90 or 270					
	6	vein array	92	98	90 or 270	7	0	25		90 or 270					
	5	NF	114	121	90 or 270	43	0	29	42	90 or 270	107	129			
	6	RF	34	35	90 or 270	1	0	55	75	90 or 270	7	35			
	6	NF	95	99	90 or 270	27	180	42	80	90 or 270	90	98			
	7	RF	63	69	90 or 270	50	0	26	85	90 or 270	51	60			
	7	bedding	116	118	90 or 270	11	0	6		90 or 270					
	7	mud vein single vein	113	117	90 or 270	66	2	0		90 or 270					
	"	vein array	113	117	90 or 270	8	180	16		90 or 270					
					90 or 270					90 or 270					

Site: *MBC*

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		
<i>8R</i>	1	<i>mud vein</i>	<i>28</i>	<i>36</i>	<i>90 or 270</i>	<i>60</i>	<i>180</i>	<i>52</i>		<i>90 or 270</i>						
	1	<i>mud vein</i>	<i>28</i>	<i>36</i>	<i>90 or 270</i>	<i>21</i>	<i>180</i>	<i>60</i>		<i>90 or 270</i>						
	1	<i>NF</i>	<i>70</i>	<i>76</i>	<i>90 or 270</i>	<i>18</i>	<i>180</i>	<i>76</i>	<i>74</i>	<i>90 or 270</i>	<i>61</i>	<i>119</i>				
	2	<i>RF</i>	<i>10</i>	<i>12</i>	<i>90 or 270</i>	<i>20</i>	<i>180</i>	<i>36</i>	<i>73</i>	<i>90 or 270</i>						
	2	<i>RF</i>	<i>15</i>	<i>22</i>	<i>90 or 270</i>	<i>42</i>	<i>0</i>	<i>9</i>	<i>61</i>	<i>90 or 270</i>						
	2	<i>Fault zone</i>	<i>29</i>		<i>90 or 270</i>		<i>0, 180, Other</i>	<i>other or 0</i>			<i>90 or 270</i>					
	4			<i>76</i>	<i>90 or 270</i>		<i>0, 180, Other</i>	<i>other or 0</i>			<i>90 or 270</i>					
	2	<i>RF</i>	<i>40</i>	<i>43</i>	<i>90 or 270</i>	<i>38</i>	<i>180</i>	<i>15</i>	<i>55</i>	<i>90 or 270</i>						
	2	<i>NF</i>	<i>33</i>	<i>41</i>	<i>90 or 270</i>	<i>51</i>	<i>0</i>	<i>55</i>	<i>8</i>	<i>90 or 270</i>						
	3	<i>NF</i>	<i>105</i>	<i>123</i>	<i>90 or 270</i>	<i>70</i>	<i>8</i>	<i>0</i>	<i>6</i>	<i>90 or 270</i>						
	3	<i>NF</i>	<i>121</i>	<i>127</i>	<i>90 or 270</i>	<i>45</i>	<i>0</i>	<i>32</i>	<i>11</i>	<i>90 or 270</i>						
	4	<i>NF</i>	<i>73</i>	<i>78</i>	<i>90 or 270</i>	<i>47</i>	<i>180</i>	<i>54</i>	<i>4</i>	<i>90 or 270</i>						
	5	<i>bedding</i>	<i>43</i>	<i>44</i>	<i>90 or 270</i>	<i>1</i>	<i>0</i>	<i>4</i>		<i>90 or 270</i>						
	5	<i>NF</i>	<i>60</i>	<i>66</i>	<i>90 or 270</i>	<i>44</i>	<i>180</i>	<i>36</i>	<i>40</i>	<i>90 or 270</i>	<i>37</i>	<i>60</i>				
	5	<i>NF</i>	<i>82</i>	<i>85</i>	<i>90 or 270</i>	<i>58</i>	<i>180</i>	<i>29</i>	<i>8</i>	<i>90 or 270</i>	<i>85</i>	<i>91</i>				
	5	<i>RF</i>	<i>91</i>	<i>103</i>	<i>90 or 270</i>	<i>61</i>	<i>2</i>	<i>0</i>	<i>12</i>	<i>90 or 270</i>	<i>85</i>	<i>91</i>				
5	<i>NF</i>	<i>138</i>	<i>140</i>	<i>90 or 270</i>	<i>22</i>	<i>180</i>	<i>18</i>	<i>8</i>	<i>90 or 270</i>	<i>118</i>	<i>126</i>					
6	<i>NF</i>	<i>68</i>	<i>115</i>	<i>90 or 270</i>	<i>83</i>	<i>39</i>	<i>0</i>	<i>7</i>	<i>90 or 270</i>	<i>68</i>	<i>115</i>					
<i>10R</i>	1	<i>bedding</i>	<i>97</i>	<i>98</i>	<i>90 or 270</i>	<i>8</i>	<i>180</i>	<i>3</i>		<i>90 or 270</i>						
	2	<i>RF</i>	<i>4</i>	<i>7</i>	<i>90 or 270</i>	<i>29</i>	<i>0</i>	<i>29</i>	<i>44</i>	<i>90 or 270</i>	<i>7</i>	<i>22</i>				
	2	<i>NF</i>	<i>2</i>	<i>24</i>	<i>90 or 270</i>	<i>18</i>	<i>0</i>	<i>7</i>	<i>70</i>	<i>90 or 270</i>						
	2	<i>Deformation band</i>	<i>62</i>	<i>65</i>	<i>90 or 270</i>	<i>8</i>	<i>0</i>	<i>6</i>		<i>90 or 270</i>	<i>51</i>	<i>88</i>				
	2	<i>Deformation band</i>	<i>105</i>	<i>106</i>	<i>90 or 270</i>	<i>14</i>	<i>0</i>	<i>12</i>		<i>90 or 270</i>	<i>103</i>	<i>110</i>				
	3	<i>NF</i>	<i>19</i>	<i>21</i>	<i>90 or 270</i>	<i>14</i>	<i>0</i>	<i>9</i>	<i>1</i>	<i>90 or 270</i>						
	3	<i>NF</i>	<i>23</i>	<i>25</i>	<i>90 or 270</i>	<i>13</i>	<i>0</i>	<i>8</i>	<i>9</i>	<i>90 or 270</i>						

Fault zone
main foliation

Site: 1413C

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	
10A	3	mud vein	46	51	90 or 270	86	0	21		90 or 270	44	63			
	3	mud vein array	46	51	90 or 270	4	0	56		90 or 270	44	63			
	3	NF	98	100	90 or 270	14	180	8	17	90 or 270	92	98			
	4	NF	46	49	90 or 270	21	180	12	11	90 or 270	50	70			
	4	deformation ^{bd}	68	68	90 or 270	1	180	6		90 or 270	50	70			
	4	del. band	68	69	90 or 270	1	180	6		90 or 270	50	70			
	4	vein mud	112	115	90 or 270	81	0	65		90 or 270	108	123			
	4	mud vein array	112	115	90 or 270	3	180	5		90 or 270	108	123			
	5	bedding	83	85	90 or 270	1	0	3		90 or 270	53	79			
	5	NF	79	83	90 or 270	23	180	9	14	90 or 270	53	79			
7	str. slip, etc.	79	86	90 or 270	66	188	0	56	90 or 270	58	85				
11A	1	lamination	109	110	90 or 270	8	180	12		90 or 270	52	113			
	3	bedding (Ash)	129	136	90 or 270	8	180	9		90 or 270	54	150			
	3	RF	38	40	90 or 270	3	0	18	50	90 or 270	26	53			
	4	RF	43	46	90 or 270	25	180	9	45	90 or 270	26	53			
	4	RF	48	51	90 or 270	20	180	3	48	90 or 270	26	53			
	4	bedding	99	100	90 or 270	1	180	4		90 or 270	54	150			
	4	bedding	42	43	90 or 270	3	0	2		90 or 270	0	65			
12A	1	bedding	49	50	90 or 270	3	180	3		90 or 270	0	56			
	2	RF	117	118	90 or 270	8	180	6	86	90 or 270	45	119			
	3	NF	31	36	90 or 270	30	0	33	53	90 or 270	50	110			
	3	RF	58	80	90 or 270	17	180	3	35	90 or 270	50	110			
	3	RF	91	93	90 or 270	19	180	8	37	90 or 270					
	3	RF	11	14	90 or 270	19	0	11	13	90 or 270	0	84			

Site: 1413 B

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	
12R	7	Fault	29	31	90 or 270	28	180	17	10	90 or 270					
					90 or 270		0	18		90 or 270					
13R	1	RF	19	21	90 or 270	13	0	18	39	90 or 270	19	54			
	1	RF	25	28	90 or 270	17	0	21	48	90 or 270	17	54			
	4	RF	110	112	90 or 270	19	0	14	51	90 or 270	68	148			
	2	NF	94	101	90 or 270	46	180	49	47	90 or 270	59	123			
	3	bedding	20	21	90 or 270	7	0	6		90 or 270	0	25			
14R		None			90 or 270		0			90 or 270					
					90 or 270		0			90 or 270					
					90 or 270		0			90 or 270					
15R	2	layer	25	25	90 or 270	6	0	4		90 or 270	23	31			
	2	healed fault	16	17	90 or 270	4	0	16		90 or 270	14	23			
	3	layer	91	92	90 or 270	9	180	8		90 or 270	57	73			
	4	R fault	16	23	90 or 270	32	0	8	6	90 or 270	19	22			
	4	N fault	30	34	90 or 270	33	0	17	3	90 or 270	25	46			
	4	N fault	39	40	90 or 270	4	0	18	5	90 or 270	25	46			
16R	3	NF	50	51	90 or 270	8	0	41	81	90 or 270	30	55			
	4	NF	24	25	90 or 270	5	0	25	72	90 or 270	0	115			
		NF	31	33	90 or 270	12	0	22	71	90 or 270	4	9			
		NF	53	56	90 or 270	29	0	24	45	90 or 270	9	9			
	5	bedding	113	114	90 or 270	13	180	5		90 or 270	86	114			
		"	90	91	90 or 270	8	180	6		90 or 270	63	117			
					90 or 270					90 or 270					
					90 or 270					90 or 270					

rec. 2 48 - Dec. 4 100 mud-fill vein structure

Exp. 344 Structural Geology Observation Sheet

Site: 1413C

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	
17R	7	NF	18	20	90 or 270	22	0	11	19	90 or 270					
	7	NF	120	131	90 or 270	64	0	60	84	90 or 270					
19R	2	NF	70	78	90 or 270	45	0	22	23	90 or 270					
	6	RF	124	142	90 or 270	3	325	0	15	90 or 270					
20R	1	RF	42	44	90 or 270	20	0	21	4	90 or 270	42	51			
	2	NF	3	6	90 or 270	24	0	11	14	90 or 270	8	15			
	2	NF	10	13	90 or 270	20	0	9	12	90 or 270	8	15			
	2	NF	12	14	90 or 270	24	180	4	22	90 or 270	8	15			
	2	RF	18	21	90 or 270	22	0	51	6	90 or 270	18	21			
	2	strike sl., dextr	81	86	90 or 270	50	66	0	66	90 or 270	94	97			
	2	fracture zone	6	100	90 or 270	—	—	—	—	90 or 270					
	3	RF	9	12	90 or 270	15	0	55	86	90 or 270	3	18			
	4	NF	51	69	90 or 270	46	180	65	35	90 or 270	37	52			
21	2	RF	17	37	90 or 270	77	68	0	21	90 or 270	17	39			
		RF	29	37	90 or 270	72	295	0	10	90 or 270	29	37			
		NF	46	52	90 or 270	60	105	0	35	90 or 270	46	52			
		NF	52	52	90 or 270	4	180	7	86	90 or 270	46	52			
		RF	85	88	90 or 270	22	180	5	17	90 or 270	83	92			
		RF	98	98	90 or 270	2	180	2	84	90 or 270	—	—			
	2	BRECCIATED ZONE	133	150	90 or 270					90 or 270					
	3	ZONE	0	57	90 or 270					90 or 270					
	2	FOUNDATION	137	138	90 or 270	15	180	70		90 or 270					
*	3	NF	33	53	90 or 270	67	83	0	36	90 or 270	33	53			
	3	NF	51	53	90 or 270	26	180	58	44	90 or 270					
	3	NF	57	67	90 or 270	60	225	0	18	90 or 270	56	67			



Site: 1413C

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	
21	3	BEDDING	120	121	90 or 270	5	0	6		90 or 270	19	24			
	4	NF	0	8	90 or 270	60	0	0	24	90 or 270	0	22			
22	1	str. slip, sin.	2	19	90 or 270	81	323	0	86	90 or 270	0	35			
	1	bedding	80	84	90 or 270	3	0	15		90 or 270	81	106			
	2	bedding	83	87	90 or 270	1	180	2		90 or 270	80	113			
	3	bedding	64	66	90 or 270	12	0	3		90 or 270	48	66			
	3	str. slip, sin.	44	54	90 or 270	60	8	0	3	90 or 270	48	66			
	3	brecc. zone	119	150	90 or 270	62	15	0	10	90 or 270	110	120			
	4	bedding	38	40	90 or 270	10	0	10		90 or 270	37	44			
	6	NF	22	26	90 or 270	28	180	58	89	90 or 270	26	37			
	6	NF	26	26	90 or 270	2	180	72	85	90 or 270	26	37			
23R	3	NF	5	33	90 or 270	82	353	0	89	90 or 270	5	33			
		head tc	101	102	90 or 270	9	180	2		90 or 270	95	116			
		4	103	104	90 or 270	8	180	5		90 or 270	95	116			
	4	NF	88	90	90 or 270	13	180	23	87	90 or 270	53	112			
	5	head tc	106	106	90 or 270	3	0	3		90 or 270	0	129			
			109	110	90 or 270	11	180	2		90 or 270					
			110	112	90 or 270	10	180	2		90 or 270					
			112	113	90 or 270	13	0	5		90 or 270					
			117	118	90 or 270	3	0	6		90 or 270					
			122	123	90 or 270	8	180	4		90 or 270					
			124	125	90 or 270	6	0	20		90 or 270					
			133	133	90 or 270	3	180	4		90 or 270	129	138			
					90 or 270					90 or 270					
					90 or 270					90 or 270					

Exp. 344 Structural Geology Observation Sheet

Site: 1413C

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	
24R	2	NF	113	115	90 or 270	17	180	14	36	90 or 270	0	146			
	5	NF	8	11	90 or 270	23	0	17	83	90 or 270					
	7	healed fr.	104	104	90 or 270	3	0	17		90 or 270	94	120			
25P	3	lamination	43	44	90 or 270	12	0	12		90 or 270	19	87			
	4	NF	35	40	90 or 270	33	180	43	48	90 or 270	0	112			1st occurrence of gastropoda
	5	lamination	67	69	90 or 270	14	0	16		90 or 270	0	72			
	1	healed fr. & deformed seq.	18	43	90 or 270	70	356	0		90 or 270	18	73			
	4	↳	43	50	90 or 270	39	346	0		90 or 270					
26P	1	healed fr.	101	102	90 or 270	7	180	12		90 or 270	93	143			
	5	RF	120	122	90 or 270	30	180	22	6/1	90 or 270	112	128			
	cc	bedding	9	12	90 or 270	25	0	14		90 or 270	0	12			
272	1	deformation ^{had}	111	112	90 or 270	4	180	1		90 or 270					
	2	"	20	21	90 or 270	10	180	7		90 or 270					
	4	"	93	94	90 or 270	15	0	19		90 or 270					
	3	sh. slip, fr.	16	27	90 or 270	68	0	43	63	90 or 270	0	20			
	3	NF	24	40	90 or 270	73	50	0	2	90 or 270	24	53			
	3	RI	88	113	90 or 270	81	340	0	29	90 or 270	84	114			
	4	bedding	52	53	90 or 270	10	0	4		90 or 270	67	78			
	4	NF	73	87	90 or 270	56	20	0	56	90 or 270					
	4	NF	86	88	90 or 270	36	180	9	43	90 or 270					
	4	sh. slip, fr.	107	116	90 or 270	24	0	51	24	90 or 270	128	151			
	5	NF	9	13	90 or 270	36	180	20	70	90 or 270	9	13			
5	NF	17	19	90 or 270	11	0	31	65	90 or 270	17	24				

Exp. 344 Structural Geology Observation Sheet

Site: 1413 C

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	
278	5	RF	18	23	90 or 270	40	0, 180, Other	other or 0	62	90 or 270	17	29			
	5	NF	105	106	90 or 270	1	0, 180, Other	other or 0	59	90 or 270	99	111			
	6	bedding	52	52	90 or 270	1	0, 180, Other	other or 0		90 or 270					
	5	mud veins	58	65	90 or 270	73	0, 180, Other	other or 0		90 or 270					
	5	mud veins, array	58	65	90 or 270	12	0, 180, Other	other or 0		90 or 270					
	6	mud veins	121	131	90 or 270		0, 180, Other	other or 0		90 or 270					
288	1	NF	26	28	90 or 270	18	0, 180, Other	other or 0	81	90 or 270	13	28			
	1	RF	31	35	90 or 270	24	0, 180, Other	other or 0	23	90 or 270	31	61			
	1	NF	38	40	90 or 270	10	0, 180, Other	other or 0	40	90 or 270	31	61			
	1	NF	60	64	90 or 270	27	0, 180, Other	other or 0	24	90 or 270	31	61			
	1	Bedding	65	66	90 or 270	11	0, 180, Other	other or 0		90 or 270					
	3	NF	50	57	90 or 270	30	0, 180, Other	other or 0	51	90 or 270	42	87			
	3	Bedding	61	63	90 or 270	30	0, 180, Other	other or 0		90 or 270	42	87			
	4	NF	104	109	90 or 270	35	0, 180, Other	other or 0	11	90 or 270					
	4	Beccatol z.	90	116	90 or 270		0, 180, Other	other or 0		90 or 270					
	5	NF	1	5	90 or 270	35	0, 180, Other	other or 0	70	90 or 270	0	33			
	5	NF	24	33	90 or 270	50	0, 180, Other	other or 0	36	90 or 270	0	33			
	2	P. Sol. Seams	35	36	90 or 270	28	0, 180, Other	other or 0		90 or 270	34	45			
6	Bedding	42	47	90 or 270	3	0, 180, Other	other or 0		90 or 270	27	54				
292	1	DX SS	12	19	90 or 270	89	0, 180, Other	other or 0	88	90 or 270	10	31			
	1	SX SS	10	13	90 or 270	35	0, 180, Other	other or 0	75	90 or 270	10	31			
	2	Bedding	16	19	90 or 270	19	0, 180, Other	other or 0		90 or 270	0	70			
	4	RF	35	38	90 or 270	23	0, 180, Other	other or 0	73	90 or 270	23	52			
	5	RF	90	90	90 or 270	5	0, 180, Other	other or 0	39	90 or 270					

Exp. 344 Structural Geology Observation Sheet

Site: 1413 C

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	
30R	1	RF	120	134	90 or 270	55	180	52	40	90 or 270	120	135			
	2	SX SS	33	44	90 or 270	66	356	0	42	90 or 270	34	45			
	2	NF	86	88	90 or 270	41	180	5	69	90 or 270	76	88			
	3	RF	35	30	90 or 270	30	0	42	11	90 or 270	11	30			
	3	RF	30	36	90 or 270	43	0	16	28	90 or 270	30	36			
	3	NF	37	53	90 or 270	66	0	40	27	90 or 270	37	68			
	3	SX SS	66	93	90 or 270	62	5	0	60	90 or 270	69	100			
	3	NF	68	77	90 or 270	75	30	0	12	90 or 270	69	100			
	4	NF	17	27	90 or 270	57	0	40	55	90 or 270	0	27			
	5	DX SS	9	28	90 or 270	78	11	0	86	90 or 270	0	62			
	5	NF	26	34	90 or 270	53	180	25	83	90 or 270	0	62			
	5	RF	88	105	90 or 270	71	330	0	8	90 or 270	77	105			
	5	NF	114	122	90 or 270	49	0	46	18	90 or 270	108	132			
	6	RF	8	12	90 or 270	17	0	28	45	90 or 270	0	29			
	6	RF	52	58	90 or 270	38	0	5	25	90 or 270	28	73			
	6	Bedding	106	108	90 or 270	14	0	7		90 or 270	101	106			
	7	NF	24	29	90 or 270	38	180	0	75	90 or 270	0	34			
7	RF	78	79	90 or 270	9	180	35	9	90 or 270	74	79				
7	NF	84	94	90 or 270	77	61	0	7	90 or 270	84	113				
7	RF	84	85	90 or 270	16	180	52	44	90 or 270	84	113				
312	1	NF	61	81	90 or 270	50	180	48	58	90 or 270	74	110			
	2	fault zone NF	75	98	90 or 270	50	0	14	39	90 or 270	73	85			
	3	RF	16	22	90 or 270	32	0	53	80	90 or 270	13	22			
	3	NF	74	78	90 or 270	30	0	75	82	90 or 270	80	90			
	4	NF	54	74	90 or 270	72	342	0	35	90 or 270	54	75			

Site: 1413C

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	
31R	5	RF	40	60	90 or 270	73	352	0	31	90 or 270	38	43			
	5	bedding	45	48	90 or 270	20	0	29		90 or 270	39	43			
	5	fracture zone RF	72	89	90 or 270	60	355	0	28	90 or 270	88	100			
	5	bedding	108	111	90 or 270	4	0	5		90 or 270	111	120			
	6	bedding	67	67	90 or 270	9	180	31		90 or 270	67	72			
	6	RF	135	141	90 or 270	57	8	0	30	90 or 270	127	141			
	7	NF	27	34	90 or 270	55	180	61	40	90 or 270					
	7	bedding	61	62	90 or 270	13	0	39		90 or 270	52	70			
8	NF	31	44	90 or 270	74	2	0	35	90 or 270	28	38				
32R	1	bedding	40	43	90 or 270	26	0	29		90 or 270	35	69			
		RF	50	54	90 or 270	36	180	27	35	90 or 270	"	"			A
		bedding	85	88	90 or 270	26	180	11		90 or 270	90	108			
		"	102	103	90 or 270	24	180	21		90 or 270	"	"			
	2	NF	4	6	90 or 270	12	0	6	17	90 or 270	0	38			A
	3	"	34	45	90 or 270	59	23	0	43	90 or 270	20	91			A
	4	bedding	45	45	90 or 270	8	0	8		90 or 270	"	"			
		"	98	99	90 or 270	13	0	18		90 or 270	98	121			
	4	fracture zone	17	55	90 or 270					90 or 270					A
		bedding	110	112	90 or 270	17	0	7		90 or 270	88	117			
		"	16	17	90 or 270	12	0	17		90 or 270	14	45			
	6	lamination	3	4	90 or 270	6	180	21		90 or 270	0	87			
		bedding	62	64	90 or 270	15	0	15		90 or 270	"	"			
7	"	90	11	90 or 270		180	21		90 or 270	36	87				
	"	16	20	90 or 270	26	180	5		90 or 270	0	34				
				90 or 270					90 or 270						

Exp. 344 Structural Geology Observation Sheet

Site:

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	
34R	2	bedding	34	38	90 or 270	33	0	8		90 or 270	30	86] purple colored alteration/precipitation (K ₂ O) along Fo.
	3	Fo	126	129	90 or 270	19	180	46		90 or 270	42	138			
		γ	131	133	90 or 270	8	180	47		90 or 270	"	"			
	4	γ	123	126	90 or 270	55	324	0		90 or 270	104	133			
	4	lamination	97	101	90 or 270	18	180	3		90 or 270	65	102			
	5	Fo	10	19	90 or 270	52	352	0		90 or 270	0	53			
	5	lamination	134	135	90 or 270	10	180	8		90 or 270	132	140			
	6	lamination	59	58	90 or 270	15	0	2		90 or 270	49	69			
35R	1	bedding	63	66	90 or 270	29	0	3		90 or 270	39	116			A
		NF	115	116	90 or 270	4	180	32	68	90 or 270	"	"			
					90 or 270					90 or 270					
36R	1	healed to lamination	22	24	90 or 270	13	180	5		90 or 270	8	30			A
			66	68	90 or 270	17	180	5		90 or 270	52	149			
	2	NF			90 or 270	37	31	0	13	90 or 270	99	126			
	3	lamination	96	98	90 or 270	24	180	6		90 or 270	24	103			
	5				90 or 270					90 or 270					
37R	1	Fc	80	84	90 or 270	33	0	7	40	90 or 270	50	84			A
		NF	43	50	90 or 270	45	22	0	6	90 or 270					
					90 or 270					90 or 270					
37R	1	NF	98	100	90 or 270	20	180	28	10	90 or 270	75	104			A
					90 or 270					90 or 270					
					90 or 270					90 or 270					
					90 or 270					90 or 270					
					90 or 270					90 or 270					

Exp. 344 Structural Geology Observation Sheet

Site: 1413C

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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	
38	1	RF	43	48	90 or 270	49	0	25	8	90 or 270	43	48			B
	1	NF	71	72	90 or 270	3	0	13	52	90 or 270	71	75			B
	1	NF	127	128	90 or 270	5	0	25	30	90 or 270					B
	2	RF	13	15	90 or 270	12	0	12	57	90 or 270	13	17			B
	2	RF	25	27	90 or 270	13	0	5	19	90 or 270	25	27			A
	2	BRECCIATED ZONE	25	55	90 or 270					90 or 270					A
	2	RF	54	60	90 or 270	58	335	0	15	90 or 270	54	61			B
	2	NF	65	71	90 or 270	54	313	0	43	90 or 270	64	71			A
	2	BRECCIATED ZONE	71	105	90 or 270					90 or 270					A
	2	NF	104	108	90 or 270	23	180	35	26	90 or 270	105	113			A
	2	NF	134	136	90 or 270	18	180	30	22	90 or 270	134	146			A
	2	NF	144	146	90 or 270	8	180	57	75	90 or 270	134	146			A
	3	NF	30	43	90 or 270	75	350	0	33	90 or 270	30	45			A
	3	RF	112	117	90 or 270	28	180	1	4	90 or 270	100	117			B
	4	BRECCIATED ZONE	0	27	90 or 270					90 or 270					A
	4	NF	26	28	90 or 270	9	0	15	19	90 or 270	26	34			B
	4	DX SSF	97	107	90 or 270	56	3	0	4	90 or 270	90	117			A
	5	RF	0	10	90 or 270	5	6	0	17	90 or 270	0	10			
	5	RF	36	42	90 or 270	53	36	0	29	90 or 270	35	41			
392	1	RF	98	99	90 or 270	4	0	8	68	90 or 270	87	103			A
	1	NF	95	96	90 or 270	5	0	37	39	90 or 270	87	103			B
	1	RF	139	137	90 or 270	60	24	0	20	90 or 270	31	36			
	2	NF	0	9	90 or 270	67	25	0	27	90 or 270	0	9			A
	2	RF	30	32	90 or 270	23	180	30	71	90 or 270	26	35			
	2	RF	56	59	90 or 270	31	0	37	52	90 or 270	48	59			B

Exp. 344 Structural Geology Observation Sheet

Site: 1413C

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	
39	2	NF	76	79	90 or 270	32	180	25	30	90 or 270	68	79			
	2	NF	127	132	90 or 270	40	0	57	77	90 or 270	127	146			A
	2	DX SS	131	140	90 or 270	60	0	50	74	90 or 270	127	146			A
	3	Bedding	75	81	90 or 270	45	180	30		90 or 270	10	129			mmmm
	4	Bedding	38	43	90 or 270	35	0	20		90 or 270	0	65			
	4	Bedding	55	56	90 or 270	22	180	8		90 or 270	0	65			
	7	NF	83	80	90 or 270	41	0	77	85	90 or 270	18	37			A
	7	NF	71	77	90 or 270	18	0	45	63	90 or 270	41	94			A
	7	NF	77	82	90 or 270	44	0	54	28	90 or 270	41	94			B
402	1	bedding	33	37	90 or 270	16	180	70		90 or 270					
	1	NF	82	84	90 or 270	24	180	22	50	90 or 270	86	82			A
	2	NF	12	17	90 or 270	37	180	26	3	90 or 270	0	16			A
	3	RF	26	34	90 or 270	50	0	39	3	90 or 270	6	25			A
	3	RF	48	58	90 or 270	51	0	67	76	90 or 270	41	56			A
	3	NF	121	134	90 or 270	17	358	0	5	90 or 270	129	135			A
	4	RF	36	38	90 or 270	18	0	47	58	90 or 270	28	80			B
	4	SS, dext.	35	44	90 or 270	60	52	0	44	90 or 270	28	50			B
	4	brecciated, NF	46	51	90 or 270	36	180	46	40	90 or 270	28	50			A
	4	NF	67	76	90 or 270	45	180	36	4	90 or 270	60	75			B
	4	RF	83	89	90 or 270	39	0	50	45	90 or 270	85	98			A
	4	RF	113	116	90 or 270	34	180	32	75	90 or 270	103	113			A
	5	RF	4	14	90 or 270	58	10	0	27	90 or 270	4	21			A
	5	NF	23	36	90 or 270	65	8	0	32	90 or 270	22	27			A
	5	NF	59	61	90 or 270	10	180	28	24	90 or 270	52	83			B
5	NF	83	85	90 or 270	18	180	19	51	90 or 270	59	82			A	

Site: 1413C

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	
402	5	fracture zone	89	128	90 or 270		0, 180, Other	other or 0		90 or 270					A
	5	NF	90	97	90 or 270	45	0, 180, Other	180	19	3	90 or 270	119	123		A
412	1	RF	15	21	90 or 270	49	0, 180, Other	0	43	35	90 or 270	16	31		A
	1	NF	56	77	90 or 270	10	0, 180, Other	0	40	37	90 or 270	56	65		A
	1	NF	112	126	90 or 270	35	0, 180, Other	0	13	23	90 or 270	112	133		A
	1	NF	131	135	90 or 270	35	0, 180, Other	0	2	39	90 or 270	131	140		A
	2	NF	31	36	90 or 270	35	0, 180, Other	0	56	66	90 or 270	18	35		A
	3	NF	69	78	90 or 270	48	0, 180, Other	4	0	44	90 or 270	54	81		A
	3	NF	85	91	90 or 270	36	0, 180, Other	180	1	37	90 or 270	85	110		A
	4	RF	51	52	90 or 270	40	0, 180, Other	0	14	75	90 or 270	43	51		A
OK	4	RF	70	74	90 or 270	32	0, 180, Other	0	67	48	90 or 270	52	76	← OK	B
	4	RF	122	133	90 or 270	72	0, 180, Other	341	0	18	90 or 270	119	133		A
	4	NF	32	46	90 or 270	67	0, 180, Other	23	0	32	90 or 270	32	52		A
	5	NF/SS	88	98	90 or 270	52	0, 180, Other	0	65	78	90 or 270	85	104		A
	5	RF	128	135	90 or 270	42	0, 180, Other	180	33	21	90 or 270	128	142		A
422	1	NF	70	70	90 or 270	5	0, 180, Other	180	42	71	90 or 270	65	70		
	1	NF	76	82	90 or 270	55	0, 180, Other	180	9	6	90 or 270	77	82		
	1	bedding	94	99	90 or 270	40	0, 180, Other	180	7		90 or 270	84	110		
	1	RF	112	118	90 or 270	48	0, 180, Other	180	14	2	90 or 270	115	121		
	1	NF	123	127	90 or 270	27	0, 180, Other	5	0	33	90 or 270				
	1	bedding	124	130	90 or 270		0, 180, Other				90 or 270				
	2	bedding	0	31	90 or 270		0, 180, Other				90 or 270				
	2	NF	31	34	90 or 270	28	0, 180, Other	180	34	71	90 or 270	33	55		
	3	NF	11	25	90 or 270	63	0, 180, Other	180	37	10	90 or 270	0	14		
	3	str. sl. / rim	55	61	90 or 270	33	0, 180, Other	180	61	6	90 or 270	42	60		

Exp. 344 Structural Geology Observation Sheet

Site: *MACE*

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		
32R	1	NF	108	110	90 or 270	27	180	22	31	90 or 270	101	108			* lack of some part of hanging wall turn around on the edge inside fracture zone. cracked surface. Zigsaw puzzle style fractures	
	2	NF	58	63	90 or 270	43	180	38	53	90 or 270	56	63				
	4	NF	22	24	90 or 270	45	0	59	58	90 or 270						
	1	RF	58	61	90 or 270	16	180	11	3	90 or 270	56	63				
	6	Fe zone		107	130	90 or 270				90 or 270						
	6	NF		114	119	90 or 270	30	0	30	30	90 or 270					
	7	NF		53	57	90 or 270	51	295	0	3	90 or 270	41	57			
33	1	RF	34	37	90 or 270	32	0	75	89	90 or 270				2nd up the zone curved groove		
	2	NF	59	65	90 or 270	26	180	55	77	90 or 270	60	74				
	7	NF	115	120	90 or 270	23	120	64	46	90 or 270	108	121				
34R	2	NF	14	21	90 or 270	50	180	74	81	90 or 270	16	23		curved to surface		
	3	NF	30	40	90 or 270	65	180	74	60	90 or 270	28	42				
	4	NF	62	58	90 or 270	53	0	54	4	90 or 270	56	58				
	5	NF	86	101	90 or 270	73	330	0	25	90 or 270	86	103				
	2	NF	33	39	90 or 270	51	8	0	20	90 or 270	31	39				
35R	4	NF	71	91	90 or 270	71	323	0	16	90 or 270	65	70		curved surface 2 orientations of striation (rotated)		
	1	NF	80	87	90 or 270	58	332	0	30	90 or 270	68	94				
	4	RF	95	97	90 or 270	13	0	35	77	90 or 270	93	97				
36R	6	NF	60	65	90 or 270	55	348	0	70	90 or 270	51	71		curved for surface also <i>Walter</i> disturbance		
	5	NF	29	34	90 or 270	27	180	22	80	90 or 270						
	1	NF	122	129	90 or 270	55	342	0	22	90 or 270	104	129				
40R	3	SS similar	102	122	90 or 270	76	334	0	71	90 or 270	101	125		← fracture zone 16-36		
	5	Fault zone	48	69	90 or 270	42	0	30	60	90 or 270	-	-				
41					90 or 270					90 or 270						
					90 or 270					90 or 270						

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