

Exp. 344 Structural Geology Observation Sheet

Site: 1380C

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	
3	3	N. fault	51	54	90	29	0	46	60	90	68	82			
4	6	"	68	82	270	63	24	0	36	250	40	84			
4	2	N. fault	48	51	90	43	180	2	32	250					
	3	laminae	25	26	250	17	0	30			20	44			
5	2	Letc lateral	56	60	250	5	0	61	4	250	43	63			
	4	N. fault	59	60	250	14	0	47	75	90	45	58			
	5	"	0	10	90	59	0	4	13	250	0	44			
	6	te	16	23	90	64	11	0	83	250	16	23			
	6	bedding	63	67	250	43	180	10			49	92			
	7	"	52	55	250	32	0	62			64	58			
6R	1	bedding	43	44	90	25	180	17			31	62			
	2	bedding	134	135	270	11	90	35			129	148			
	4		121	124	90	33	-	16			59	84			
	4	bedding	62	60	270	33	0	16							
	4	N. fault	49	36	90	31	0	28	47	90	47	58			
	5	++	30	32	90	29	180	12			31	49			
	7	++	66	65	90	12	180	6							
	7	Letc lateral	95	99	90	50	180	28	89	250	94	104			
	6	laminae	28	33	270	29	0	29			0	46			
	6	bedding	56	58	270	15	0	30							

check again

gone

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					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
68	6	unconformity	57	58	270	18	180	58	230	57	gone				
	7	vein	41	80	270	81	0	30	-	-	0	25	gone		
	7	bedding	33	81	90	19	180	11			0	25			
	7	fault	83	84	270	60	338	0	37	270	0	25	96		
ENTERED															
72	1	str. slip. detrital silicified	60	63	90	11	180	49	2	270	40	60			
	1	fracture zone NF, oblique	90	108	270	71	344	0	344	0					
	1	NF	135	136	90	10	180	55	80	270					
	1	fracture zone brecciated	136	143											
	2	fracture zone continued NF	0	37	270	10	0	40	20	270) drill-induced.
		NF	11	12	270	10	180	40	20	270					
		NF	13	15	30	15	180	43	65	90					rotated
		NF	15	20	270	52	180	35	85	90					
		NF	23	25	90	80	180	50	45	90					
		NF	25	24	90	15	180	47	25	90					
	NF	36	34	90	84	180	35	30	90						
	NF	52	56	270	15	180	63	38	270	42	55				

drill-induced
 can-sized clasts,
 polished surfaces
 ↓
 continuous

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					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
FR	2	NF	60	62	90	6	180	50	50	270	53	60			
		NF	65	67	90	20	180	40	30	270	66	75			
		NF	80	82	90	15	180	45	50	90	66	75			
		NF	85	89	90	30	180	45	27	90	66	75			
		NF	100	101	90	7	180	35	10	90	89	104			
		NF	102	104	90	18	180	48	40	90	89	104			
		NF	115	116	90	9	180	47	42	90	110	116			
		NF	119	120	90	9	180	47	42	90	120	127			
		NF	126	128	90	12	180	52	35	90	127	128			
		NF	128	129	90	7	180	64	45	90	132	149			
*	3	BENNING	10	11	270	4	180	9			0	17			
		NF	14	17	90	15	180	60	38	90	0	17			
		NF	18	21	90	30	180	50	47	90	18	27			
		NF	26	28	90	20	180	61	40	90	18	27			
		NF	30	33	90	20	180	58	45	90	32	37			
		NF	35	37	90	22	180	47	58	90	36	47			
		NF	44	47	90	23	180	62	48	90	36	47			
		NF	48	50	90	13	180	63	54	90	36	47			
		NF	51	52	90	13	180	40	30	90	36	47			
		NF	52	53	90	11	180	40	38	90	36	47			
		NF	57	59	90	17	180	54	26	90	36	47			
		NF	64	66	90	15	180	47	32	90	57	65			
		NF	65	68	90	15	180	47	32	90	57	65			
		NF	73	74	90	8	180	15	35	90	57	65			
NF	80	82	270	20	180	52	41	90	76	81					
NF	84	86	270	20	180	55	15	90	76	81					
NF	88	90	270	7	180	50	10	90	76	81					

→ Set of parallel faults that produce a "foliation"

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					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc		
7R	3	NF	91	92	270	8	180	48	12	90	76	81			<p>FRACTURED ZONE W SAME ORIENTATION OF FRAGMENTS AS BEFORE JOINTS SPACING 2MM TO 5CM</p>	
		NF	94	95	90	7	180	59	8	90	76	81				
		F	102	97	270	17	180	30	-	-						
		F	101	120												
	4	F	17	20	90	27	180	17								<p>PUSHED TOP SURFACE OF A FRACTURED ZONE BOTTOM 32 CM</p>
		NF	34	35	270	2	180	10								
		NF	35	36	270	7	0	10	270	270	36	45				
		NF	44	47	270	23	180	30	30	270	45	57				
		BEDDING	52	55	270	21	180	5			45	57				
		F	61	67	270	31	180	32	5	270						
		BEDDING	93	94	270	13	0	5			95	103				
	5	NF	22	26	90	50	180	48	22	90	23	26				<p>→ gone</p>
		DET S.S.F.	33	40	90	35	0	0	80	270	42	55				
		DET S.S.F.	33	40	90	35	0	0	80	270	42	55				
	6	F	19	31	90	30	0	10			0	31				<p>→ gone</p>
NF		54	61	90	48	180	25	11	270	45	59					
BEDDING		76	85	90	38	180	20			61	85					

(*)

Hanger well up to 180

→ gone

→ gone

Site: U1380C

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					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
8C	1	facility	15	19	90	29	180	127	-	-	-	-	-	-	con- ried wedges
		Stria NF sinistral	46	57	90	55	0	34 ¹³	33 ¹⁹	180	90	-	-	-	
		bedded zone	74	100	-	-	-	-	-	-	-	-	-	-	
		RF	108	110	90	13	0	54	30 ⁸²	90	-	-	-	-	
	2	strike slip NF sinistral	25	35	90	51	180	64 55	33 54	90 270	-	-	-	-	
		facility	51	53	90	25	180	22	-	-	-	-	-	-	
	3	facility - bedded	10	11	90	16	180	31	-	-	10	25	-	-	
	4	facility - bedding	16	20	90	32	180	26	-	-	18	50	-	-	
		NF	66	81	270	95	322	45 0	49	270	57 27	66 22	37	27	
		RF	103	110	270	52	449	20	unlinked	-	-	-	-	-	
bedded		110	110	-	-	-	-	-	-	-	-	-	-		
5	laminatio		11	17	80	50	180	27	-	-	4	16	-	gone	
		strike slip from west	40	45	90	42	180	26 0	45 67	90	-	-	-	-	
	NF sinist	59	68	270	57	351	28 ⁰	71	90	65	72	-	-		
	sinistral	74	76	90	35	0	57	44	90	-	-	-	-		
	unlinked (ann- (propred))	92	99	-	-	-	-	-	-	-	-	-	-	-	
	bedding	75	83	270	35	0	25	-	-	-	-	-	-	-	
	sinistral	101	108	90	35	0	18	65	270	65	72	-	-	-	
	unlinked	120	132	90	72	0	43	26	0	65	72	-	-	-	

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S₀ = trace of
S₁ foliation

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					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
8C	5	brecciated schist mm - cm fragments	132	145	-	-	-	-	-	-	-	-	-	-	
	6	brecciated	35	38	270	18	180	50	58	90	5	20	-	-	
		foliation	58	61	270	22	180	38	26	-	-	66	77	-	
		reverse	65	67	270	57	0	58	55	90	80	100	-	-	
		reverse	99	105	90	32	0	58	52	0	80	100	-	-	
	7	foliation normal	0	17	270	13	0	42	41	0	26	33	-	-	
		bedding	8	15	-	-	-	-	-	-	-	-	-	-	
		bedding divided	30	63	-	-	-	-	-	-	-	-	-	-	
		reverse	63	69	90	32	180	44	4	18	63	69	-	-	
	9	1	Right-lateral TL	33	38	270	32	180	36	29	270	30	48	-	-
NF			57	58	270	4	180	46	77	90	46	59	-	-	
2		RT	51	76	90	43	325	0	30	90	-	-	-	-	
		RT shear zone			90	2	180	18	29	90	-	-	-	-	
		RT			90	8	180	8	54	90	-	-	-	-	
		RT			90	29	180	6	58	90	-	-	-	-	
		RT			90	42	0	29	43	90	-	-	-	-	
3		NF	17	23	270	36	0	10	52	90	19	29	-	-	
4		bedding	44	45	90	30	180	15	-	-	29	93	-	-	
		bedding	85	90	270	36	180	23	-	-	29	93	-	-	
5	S ₀	35	39	90	27	0	15	-	-	29	93	-	-		
	S ₀	50	52	90	27	0	16	-	-	0	99	-	-		

↑ inferred

30-60 → to.
28-90 → to.

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					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
11	1	S0	29	28	290	15	0	21			-	-			16-35 → S0
	2	S0	33	34	90	17	0	34			29	58			29-45 → S0
	3	S0	8	11	290	11	180	11			0	19			0 → 123 S0
	4	fr	24	26	290	11	0	27							
	5	S0	96	88	290	20	0	14			83	123?			↓
	4	S0	9	10	90	37	0	28			0	30			
	5	S0	35	41	290	32	0	17			32	66			parallel to bioturbation
	5	S0	58	79	90	17	0	7			55	90			68-100 S0
	6	S0	29	31	90	26	180	12			0	45			
5	normal ft	32	35	90	31	180	14			0	45				
5	?	41	43	90	26	180	6			0	45				
5	N F	42	45	90	24	180	20	25	290	0	45				
12	1	S0	22	23	290	10	0	13			12	40			12-64 S0
	2	S0	111	112	290	2	180	16			61	123			weak S0 61-123
	3	S0	11	14	290	29	180	32			0	30			0-30 → S0
	4	Left-lateral ft	36	60	290	76	337	0	91	290	36	81			
	5	S0	69	92	290	22	0	3			36	81			63-82 → S0
	4	S0	29	32	290	23	180	3			0	52			0-52 → S0
	5	RT	19	27	290	57	17	0	30	290	0	99			
6	Right-lateral ft	6	10	290	43	180	18	63	290	4	31				
4	S0	20	25	290	31	180	5			4	31				

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additional measurement. (Yuzum)

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					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
13	6		24	25	290	30	180	2	22	270					(F)
			29	30	90	2	180	3							(C)
			22	23	290	32	0	2	29	270					(S)
			17	18	290	30	180	1	18	270					(S)
			17	18	290	3	180	4	31	270					(C)
			19	21	290	3	0	3	17	270					(S)
			19	21	90	2	0	5	20	270					(C)

fault zone

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Site: 13AOC

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		
12	7	S ₀	10	13	270	18	180	12			0	22			0-24 → 50	
		NF	35	39	90	22	0	67	69	90	24	43				
13	1	DEX SSF	13	20	270	50	0	1	80	270	8	29			30-40 FRACTURE ZONE	
		NF	45	50	270	37	180	31	10	180	45	52				
		RF	75	75	90	1	180	1	35	180 90						
		FRACTURE ZONE W/ SCALY FABRIC	75	122	90	20	0	15								
		NF	137	139	90	25	180	16	20	20	180 90	139	143			
		NT	143	144	90	18	180	37	27	180	140	143				
		DEF. BANDS	12	14	270	17	0	33				7	18			
		" "	14	16	270	13	0	36				7	18			
		NF	16	20	90	22	180	40	47	90						
		NT	53	55	90	23	180	22	27	180	55	60				
		DEF BAND	30	31	270	7	0	10				27	30			
		Joint	86	88	270	72	270	12	22	270	84	100				
		3	3	RF	3	4	270	5	180	29	5	180	4	11		
RT	10			11	270	6	180	40	32	180	4	11				
EX SSF	27			47	90	55	270	30	80	180	59	49				
4	4	0	53	FRACTURE ZONE										20-40 shear zone (scaly clay)		
		S ₁			270	3	180	2								
		JOINT	61	67	90	75	270	20								

of entire

Polished 

348 0

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Site: 1380C

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					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc		
13	4	JOINT	65	69	90	45	270 308	50 0	29 29	90 90	57	81				
		JOINT	76	80	90	48	270 357	2 0	24	90	57	81				
		S ₁	95	96	270	2	0	5				81	99			
		JOINT	78	95	270	65	270 211	2 0	A	90	81	99				
		RF	105	116	270	57	270 90	15	9	0	112	124				
		NF	114	118	90	25	270	14	7	180	112	121				
		FAULT ZONE	100	140	270	15	0	12	80	90	100	140				
		NF	32	39	270	25	0	6	70	90	52	41				
		NF	46	50	270	13	180 180	25 30	130	10	41	50				
		NF	54	64	270	51	180 11	20 0	279	90	54	89				
NF	71	77	270	40	6 90	10 0	279	90	54	89						
NF	64	69	270	32	0	50	0	55	54	89						
BEDDING	77	79	90	31	100	15										
NF	78	87	270	55	7 90	2 0	270	PK	72	90						
NF	107	112	90	30	0	35	0	18	107	120						
RF	117	121	90	33	0	35	0	10	107	120						
		FAULT ZONE W/SCALY FABRIC	121	150												
6			49	BECOMING SANDIER												
7	FAULT	2	6	270	47	0	62			0	40					
	FAULT	7	11	270	30	270 270	64 54			0	40					
	FAULT	13	21	270	60	0 0	25 0			0	40					
	RF	18	30	270	70	327 0	15 0	20	90	0	60					

All wrong data

MOST cases, they read ~~striation~~ value 90 - striation!! but sometimes not. useless data set.

input ✓

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					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
14		none													
15	1	BEDDING	15	17	270	10	0	36			18	29			→ gone
		"	79	83	90	47	0	35			73	84			
		" bedding	107 25	111 28	270 270	44 1	180 180	27 29	17		100	110			
16	1	none													
	2	none													
17	1	normal f.	26	30	90	30	0	21	37	270	35	43			
		reverse	35	39	90	34	180	24	53	270	35	43			
		reverse	30	55	90	33	180	42	64	270	35	43			
	2	destral NF	40	45	270	43	313	7	54 83	90					
18	1	bedding	5	5	270	4	180	57 20			4	13			
		NF	15	13	90	8	0	59	16	0					
		bedding	37	46	90	49	0	8			37	46			
		NF	47	52	270	29	180	70	10	180	47	52			
		sinstr.	70	79	270	80	80 ³⁰	0	60	180 270					
	2	left RF	24	27	90	17 17	180 0	39 48	86 84	90 270					
19	3	bedding	19	23	270	32	180	70			18	23			
19	1	NF	51	54	90	35	180	24	86	90	41	53			
19	2	Dist F	02	68	270	49	14	0	270	41					

minimal fibres
60-87 breccia zone

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					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
20	1	bedding	15	18	90	13	180	40			12	18			
	1	RF	28	30	290	36	180	12	49	290					20-28 fracture zone
	2	bedding	30	35	90	40	0	16			28	35			0-30 fracture zone
	3	"	40	43	90	36	0	39			42	53			
	4	Fc	59	64	90	53	24	0	46	90	60	65			
	4	vein (calc carbonate)	80	83	290	25	180	53			80	92			
	4	Fc	89	88	290	7	0	46			80	92			
	4	vein & NF	19	29	90	57	358	0	29	90	19	29			
	3														fracture zone
21	1	bedding	89	91	290	22	180	22			88	107			55-69 fracture zone?
	"	"	101	103	290	22	180	20			88	107			
	2	Fc	20	22	290	17	0	33			20	32			
	4	NF	35	43	90	64	320	0	3	290					43-59 fracture zone?
22	2	bedding	8	9	90	3	180	6			8	12			← 22-21 Central SF
23	1	bedding	104	107	290	27	0	13			100	109			← 52-61 fracture?
	1	bedding	96	97	290	19	0	25			89	97			
	1	bedding	89	90	290	21	0	14			89	97			
	1	bedding	86	89	290	14	180	15			86	89			
	1	bedding	59	60	90	5	0	16			60	64			
	1	N fault	43	49	290	59	0	17	41	90	41	48			
	2	bedding	29	28	290	11	0	9							
	1	R fault	33	42	290	68	347	0	40	290	37	38			
	1	N fault	11	15	290	25	0	37	63	290	7	21			

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					az	plunge	az	plunge	rake	from	top	bottom	Dec	Inc	
23	1	bedding	60	60	270	2	0	17			60	64			
	1	bedding	61	61	270	3	0	16			60	64			
24	1	bedding	18	19	290	3	0	18			14	20			
25	2	bedding	0	3	90	28	0	18			0	8			
	2	R fault	28	33	90	32	180	23	8	90	23	38			Pyrite fault
	2	R fault	83	85	90	26	180	22	17	90	70	103			
	2	R fault	112	120	270	33	180	7	13	90	101	117			
	cc	bedding	3	5	270	23	0	2							
	2	bedding	45	52	90	41	150	4							
26	1	bedding	46	48	270	21	0	18			29	51			
	1	RF	51	52	90	52	318	0	63	90	51	64			
	1	NF	59	58	90	7	0	36	71	270	51	64			
	2	bedding	20	23	90	22	0	24			18	29			
		"	34	37	90	25	180	29			30	53			
		"	41	43	90	25	180	17			30	53			
		"	48	51	90	23	180	8			30	53			
		NF	43	48	270	43	31	0	20	270	30	53			
		bedding	69	92	90	30	180	6			62	71			
		F1	75	81	290	45	333	0	21	90					

Site: 1380C

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	
27	1	beddy	55	58	0	27	180	36			56	63			
	2	s	56	58	90	22	180	5			53	72			
	7	Left-lateral fault	112	126	90	84	43	0	92	90	112	126			
28	1	beddy	39	41	90	15	0	7			36	46			
		NF	67	73	90	71	357	0	66	270	67	77			
		beddy	91	93	270	14	180	17			82	102			
		fracture (pyrite)	84	91	90	68	24	0			82	102			
		fracture (pyrite)	92	102	90	68	23	0			82	102			
		DEX Fault	115	124	270	57	36	0	64	90	102	124			
		Beddy	134	136	90	21	180	2			125	149			
29	1	R fault	13	16	90	60	180	28	18	90	10	16			pyrite fault
	2	beddy	12	13	270	11	180	9			0	12			
	3	R fault	40	43	90	39	0	2	48	90	41	47			pyrite fault
	3	N fault	83	88	270	77	27	0	2	90	83	88			
	3	beddy	99	100	270	5	6	0			99	100			
	3	beddy	107	108	90	3	19	14			106	108			
	4	R fault	83	88	90	44	0	6	35	90	80	87			
28	2	RF	30	32	90	16	0	1	60	90	28	35			
		RF	45	47	90	21	180	8	25	90	36	56			
		beddy	52	55	270	21	180	16	12		36	56			

excel → done
↑ Decklog →

pyrite fault

pyrite fault

Exp. 344 Structural Geology Observation Sheet

Site: 1380 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	
30	1	bedding	51	54	270	27	180	30							gone
		reverse	100	104	270	28	180	37	87	90	100	107			
		bedding	106	106	90	4	180	20							
		RF	110	110	270	9	180	38	56	270					
	2	reverse	25	34	90	54	180	0	21	270	33	40		can wide, with calc. halimite	
		bedding	32	34	270	25	180	24							
		reverse	41	50	90	58	0	8	65	270					
		bedding	66	68	90	29	0	17							
31	1	bedding	38	41	90	28									
		vein - bedding parallel	44	46	90	27	180	16							
		vein	42	46	270	51	180	46					36		
		vein	42	46	90	86	180	47					48		
		bedding	60	62	90	28	180	12							
		bedding	44	46	90	31	180	26							
		bedding	109	114	90	30	180	62							
	2	bedding	4	6	90	8	180	35							
		veins	61	66											
		veins - fault	102	107											
	1	fault	75	29	90	71	180	55					gone		
		brecciated scale; isolated surfaces	68	110			35?	0?							

Site: 1380c

Exp. 344 Structural Geology Observation Sheet

sec 2 50-100 fracture zone

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	
32		none													
33	1	bedding	182	124	270	8	180	10							<p>1 0-5 fracture zone; am-dm fragments 2 0-12 with dm brecciated zone; 10-15 65-70</p> <p>sec 2 60-80: fracture zone; 75-80 brecciated</p> <p>excel</p>
	1		75	38	270	15	180	20							
	1	normal f.	92	105	270	60	7	19	270						
	1	normal f.	85	92	90	40	190	9	23	270					
	2	bedding	4	13	270	2									
34	1	bedding	17	19	270	13		7	-	-	12	19		gone	
		RT	49	54	270	46	180	40	43	90					
		bedding	94	95	90	6	180	8			90	95			
	2	fracture zone	20	46	-	-	-	-	-	-	-	-	-		
		RT	50	60	270	84	90	72	46	119	47	68			
		RT	53	58	270	54	90	65	77	119	47	68			
		bedding	67	67	270	2	180	30							
NF	101	102	90	73	341	40	222	40							
bedding	118	120	90	20	180	13				102	115				
0	2														
35	2	bedding	34	35	90	17	180	3			23	37			
36	1	NF	26	26	90	9	180	64	30	90	31	38		gone	
		fault zone reverse	38	54	270	23	180	29	56	270	31	38			
		bedding	62	64	270	18	180	12			58	64			

Not real

Dwell

33 3 bedding 11 12 290 5 0 17 2 17



Site: 1380c

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	
36	1	Fault zone	83	115											<p>am-sized fragments bleached shear zone with splays → NF</p>
		by the shear zone, dextral	127	131	270	16	180	5							
		fault splays	127	131	90	67	90	20			gone				
		shear fracture dextr.	122	127	90	44	0	50	40	30		89	93		
		shear fracture left ^{right}	122	127	270	51	90	31	5	0		121	123) gone	
		shear fracture left ^{right}	122	127	270	52	90	64	5	0		121	123		
	shear fr. NORTH	135	141	270	40	0	41	54	90		121	123			
	2	bedding	10	10	270	12	180	23 (66)							
		fault normal ^{normal}	54	71	90	74	35	0	55	20	68	73			
		reverse fault	85	89	270	22	180	50	53	270	53	57			
bedding		115	115	90	3	180	4			105	115				
3	bedding	58	58	90	10	180	7			55	62				
	NF	86	98	270	59	90	11	80	90	98	101				
	dextral	103	114	90	63	270	54	85	0 90	88	101				
37	1	Fracture	23	56	90	87	343	0			23	56			
			23	56	90	89	351	0							
	2	bedding	19	20	90	15	86	20			17	24			
		bedding	46	47	270	22	11	180			40	48			
	2	lamina	78	78	270	1	94	0			83	84			
		N Fault	76	81	90	46	17	180	23	90	99	84			
	2	N fault	106	115	90	63	32	180	28	90	94	104			
		bedding	144	145	90	18	19	0							
		R fault	126	127	90	6	13	180	13	90	126	127			
		N fault	128	129	270	7	65	180	18	270	127	146			

Site: 13AOC

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	
37	3	bedding	11	12	90	16	0	6			9	13			
		NF	27	32	270	37	346	0	12	270	26	33			
		bedding	32	33	90	12	0	8			26	33			
		Strike-slip sinistral	82	88	250	58	331	0	82	270	80	88			
		Ft	55	59	90	35	90	47			53	60			
38	1	RF	35	36	90	3	180	15	60	250	20	52			8 → 52 shear zone
		RF	44	45	250	2	180	28	54	250	20	52			
		RF	46	48	250	12	180	6	52	250	20	52			
		bedding			250	10	180	20			52	59			
		Ft	82	87	250	50	331	0			52	88			
	Right-lateral Ft	62	66	90	46	332	0	86	90	61	67				
	2	bedding	27	28	90	12	180	4			14	30			
	Right-lateral Ft	67	86	250	84	37	0	73	90	67	100				
39	2	Ft	15	18	90	20	180	64			4	19			
		bedding	34	35	270	6	180	2			93	96			
40	1	bedding	46	46	250	2	180	11			37	49			
		"	85	87	90	19	0	8			84	110			
	2	Ft	8	9	90	8	180	69			4	14			
		bedding	31	32	270	15	0	17			30	40			
	3	Ft	20	25	250	33	180	8							
RF	38	43	270	21	180	42	88	270	39	85			0 → 39 shear zone		

Site: 1380C

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	
41	1	bedding	106	107	90	12	180	11			100	113			
		RF			90	5	180	45	88	90	137	145			
42	1	NF	93	99	90	52	180	35	39	270	90	99			
	2	NF	59	64	270	25	0	50	60	290	55	64			
	3	NF	23	28	90	25	180	62	78	270	23	44			
	3	bedding	22	23	270	13	0	12			14	23			
43	1	F ₁ (inside breccia)	41	42	90	12	180	16	68	90) toward 180				41-112 shear zone (breccia zone)
		"	41	42	278	8	0	4	66	90					9-62 shear zone (breccia zone)
	2	RF	61	65	90	35	0	36	29	90	61	82			
		NF	73	81	90	54	55	0	53	90					
		NF	118	123	270	59	0	21	49	290	118	123			
	3	R fault	12	13	270	23	0	18	43	90	14	16			0-21 shear zone (breccia zone)
		R fault	19	20	270	16	180	38	11	270	19	33			
	3	N fault	25	26	90	24	180	12	4	90	19	33			
	3	R fault	32	35	90	26	0	4	47	90	19	33			
	3	R fault	34	39	90	39	0	16	38	90	35	40			
3	bedding	40	50	90	29	0	15			41	49				

Exp. 344 Structural Geology Observation Sheet

Site: 1380C (CORRECTED)

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		
44	1	BED	23	26	270	36	180	14			18	26				
		RFZONE	83	98	270	66	2	0	8	90	72	73				
		NF	98	112	90	69	10	0	70	0	98	112				
		BED	123	124	270	3	180	10				117	127			
		SX SSF	139	140	270	14	180	3		70	90	139	143			
	2	BED	77	80	270	20	0	25			73	80				
		RF	92	94	90	5	180	42	90	38	74	77				
		BED	111	117	270	40	0	32			104	117				
		NF	118	125	90	42	180	55	75	90	117	125				
45	1	RF	18	19	90	2	0	30	57	90	12	17				
		BED	55	56	270	20	0	10			49	64				
	2	BED	30	34	270	40	180	15			25	35				
	3	RF	7	10	90	20	180	10	19	90	0	16				
		BED	41	42	90	14	0	4			39	42				
		RFZONE	55	83	270	78	51	0	72	90	74	94				
	4	RFZONE	38	89	90	74	27	0	85	270	72	89				
	5	NF	8	13	270	32	180	34	7	270	0	19				
BED		68	68	90	2	180	3			70	76					
46	1	BED	31	33	270	20	180	15			7	41				
		"	103	107	270	18	180	1			107	115				
	2	"	13	14	90	15	0	2			3	35				
		"	34	34	90	17	180	7			3	35				
47	1	"	20	22	270	6	0	8			16	45				
		"	125	128	270	19	180	30			123	134				

→ SFABRIC
→ SCALY FABRIC

Site: 1380c

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	
44	1	BEDDING	23	26	270	36	180	514			18	26			W/ 5mm fragments
		RF ZONE	83	98	270	66	90	90	70	90	72	73			
		NF	98	112	90	69	90	90	70	0	98	112			
		BEDDING	123	124	270	3	0	10			117	127			
	2	SIN SSF	139	140	270	14	180	53	70	90	139	143			
		BEDDING	77	80	270	20	180	28			73	80			
		RF	92	94	90	5	180	42	30	30	74	77			
		BEDDING	111	117	270	78	180	32			104	117			
45	1	NF	118	125	90	42	80	55	75	90	117	125			
		RF	18	19	90	2	180	30	57	180	12	17			
	2	BEDDING	55	56	270	20	180	10			49	64			
		BEDDING	30	34	270	40	180	15			25	35			
	3	RF	7	10	90	20	180	10	70	90	0	16			
		BEDDING	41	42	90	14	180	4	19		39	42			
	4	REVERSE SHEAR ZONE	55	83	270	78	180	51	40	72	90	74	74		→ POLISHED FRAGMENTS (SCALY F.)
		REVERSE SHEAR ZONE	38	89	90	74	180	20	20	180	72	89			
5	NF	8	13	270	32	0	34	7	0	0	19				
	BEDDING	68	68	90	2	0	3			70	76				
46	1	BEDDING	31	33	270	20	180	15			7	41			
		BEDDING	103	107	270	18	180	1			107	115			
	2	BEDDING	13	14	90	15	100	2			3	35			
		BEDDING	34	34	90	17	180	7							
47	1	BEDDING	20	22	270	6	100	8			16	45			
		BEDDING	125	128	270	19	180	30			123	134			

old

W/ 5mm fragments

→ POLISHED FRAGMENTS (SCALY F.)
→ POLISHED FRAGMENTS (SCALY F.)

Site: 1380 C (collected)

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	
47	2	BED	4	9	270	14	180	28			1	54			} Conglomerate (Possible source) REDDISH BROWN CLAYSTONE/SILTSTONE SIMILAR TO CORE 31R
		BED	84	89	90	17	180	24			78	87			
	3	INTENSE BRECCIATION	15	68											
		DAMAGE ZONE	1 78	11 38	} W/JOINTS										
48	1	BED	17	18	90	14	0	27			13	20			← 116-134 shear zone MINERAL FIBRES ON FAULT SURFACE
		"	52	53	270	6	180	16			33	50			
		"	59	59	90	4	180	5			59	66			
		"	110	111	90	6	0	6			105	113			
	2	"	20	21	270	13	0	10			19	26			
		"	80	81	90	7	0	15			75	81			
		"	98	100	270	17	180	7			94	100			
		NF	113	136	90	2	180	34	80	90	107	113			
		NF	132	133	270	15	180	15	74	90					
	3	NF	12	12	270	5	0	10	55	90	1	22			
		BED	33	34	90	5	0	10			1	22			
SX SSF		2	23	90	15 13	0	0	76	270	1	22				
NF		9	9	270	8	180	9	35	90	1	22				
49	1	BED	20	22	90	14	180	4			20	26			△ LITTLE FAULT IN COHERENT BLOCK ONLY △ VISIBL DISPL. ON CUT SURFACE
		"	68	70	90	9	0	3			26	70			
		NF	113	123	270	75	6	0			112	124			
		NF	113	123	270	77	357	0			112	124			
	2	DEF BAND	14	15	90	6	180	5			0	15			
		DEF BAND	10	15	90	52	-	-			0	15			
	BED	103	104	270	8	180	1			100	104				
50	1	BED	53	53	270	1	0	4			12	59			
		NF	126	127	270	20	0	23	35	270	123	131			
	2	BED	36	36	270	3	180	2			36	50			

Exp. 344 Structural Geology Observation Sheet

Site: 1380 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	
50	2	BEDDING	68	68	270	1	180	3			51	73			
	3	BEDDING	11	12	90	2	180	10			0	19			
		BEDDING	23	23	270	3	180	11			20	34			
51	1	bedding	6	7	90	4	0	14			6	38			
		laminae	36	37	90	13	180	6			6	38			
	2	bedding	32	33	270	4	0	9			24	34			
		NT	65	68	270	22	0	48	250	65					
52	1	fc	43	46	90	30	10	21			42	49			63-114 Breccia zone (shear zone)
		bedding	90	91	90	8	0	12							
		strikeslip fc	136	140	90	52	343	0	87	90	103	140			
	2	RT(1)	73	94	90	2	180	4	40	90) toward 0°				
		RT(2)	73	94	90	4	180	4	36	90					
		"	77	98	90	7	180	3	42	90) toward 0°				
		"	77	78	270	9	0	4	39	90					
		"	77	92	90	30	180	1	50	90					
1380 C															

Site: 1380 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	
47	2	BEDDING	4	9	270	14	180	28			1	54			} CONGLOMERATE (POSSIBLE SLOORED) } REDDISH BROWN CLAYSTONE / SILTSTONE SIMILAR TO CORE 31R
		BEDDING	84	89	90	17	180	24			78	87			
	3	INTENSE BRECCIATION	15	68											
48	1	BEDDING	17	18	90	14	100	27			13	20			↑ ✓
		BEDDING	52	53	270	6	180	16			33	50			
		BEDDING	59	59	90	4	180	5			59	66			
		BEDDING	110	111	90	6	100	6			105	113			
	2	BEDDING	20	21	270	13	180	20			19	26			
		BEDDING	80	81	90	7	0	10			75	81			
		BEDDING	98	100	270	17	180	7			94	100			
		NORMAL FRACTURE ZONE	113	136	90	2	170	34	80	90	107	123			
	3	NORMAL	132	133	270	15	180	15	34	90					
		R F	12	12	270	5	100	10	35	90	2	23			
		BEDDING	33	34	90	5	100	80			29	33			
		SX SS F	2	23	90	15	13	0	76	270	2	23			
49	1	BEDDING	20	22	90	14	180	4			20	26			← gone ← Now fr (working in these)
		BEDDING	68	70	90	9	180	3			26	70			
	N F	113	123	270	75	90	6			112	124				
	N F	113	123	270	77	270	3			112	124				
	2	DEF BAND	14	15	90	6	0	5			0	15			
		BEDDING	103	104	270	8	0	1			100	104			
50	1	BEDDING	53	53	270	1	180	4			12	59			
		N F	126	127	270	20	180	23	57	270	123	131			
	2	BEDDING	36	36	270	3	0	2			36	50			

old

← Now fr (working in these)

Exp. 344 Structural Geology Observation Sheet

Site: 1380C

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	
30	2	rf bedol rf mudding	25	34	90	54	7	0	30	270	33	40			
			32	39	270	25	180	29							
			41	50	90	59	353	0	2	270	33	40			
			66	69	90	29	180	17							
33	1	NF	83	89	270	46	8	0	33	90	80	108			
	2	NF	46	55	90	62	318	0	24	270	47	54			
			70	75	90	41	21	0	24	90	67	71			