



Mo	Tu	We	Th	Fr	Sa	Su
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Memo No. \_\_\_\_\_

Date C 3 1

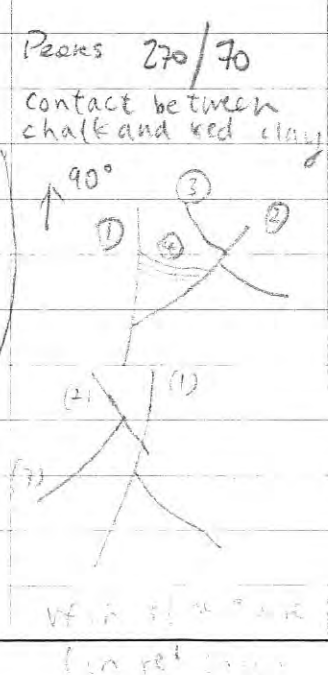
53R, 3W, 32-34cm  $290.9 / 79.0$   $1.7 / 17.3$   
 58R, 6W, 33-35cm  $104.1 / -40.6$   $209.8 / 25.6$

age	paleolatitude	expected I
40M	$-12.7^\circ$	$-24^\circ$
50M	$-23.7^\circ$	$-41.3^\circ$

VRIM: I  $\rightarrow$  3<sup>0</sup>CHRIM: I  $\rightarrow$  expected I @ paleolatitude

Exp. 362 Structure Observation Sheet

Site:													Core Reference Frame				Comments	Link Files		
Core	Section	Top [cm]	Bottom [cm]	Structure	Type	Fault/shear zone observation 1	Shear zone observation 2	Apparent offset	Structure geometry	Breccia clast size	Structural Confidence	Confidence detail	Core face app. plunge azimuth	Core face app. plunge plunge	2nd app. plunge azimuth	2nd app. plunge plunge			Lineation rake	Lineation from
Example						deformation band/shear band/slickenside/slickeline	cataclastic/compaction/riedel/S-C		planar/curved/wavy/anastomosing/polygonal/broad/open/closed/tight/upright/overtur- ned	uniform/variable	0-1.0		90 or 270							
5QR	1W	38	39	Bedding	sharp						0.7	(BFLUNT)	90 or 270	0.5	180	3			90 or 270	
5Q	3W	21	25	Normal	Fault			3mm offset			0.7		90 or 270	31	180	69	45		90 or 270	
5Q	2W	33	35	Fault	Normal			<0.5 mm offset			0.6		90 or 270	66	?	<del>70</del>			90 or 270	Small normal faults (parallel)
60	1W	88	96	fault	normal						0.5		90 or 270	57	2	0	0		90 or 270	1cm offset.
	1W	107	109	fault	normal						0.7		90 or 270	23	57	0			90 or 270	
	1W	42	46	fault	normal						0.2		90 or 270	26	0	15	52		90 or 270	
	2W	5	5	vein							0.6		90 or 270	11	0	5			90 or 270	
	3W	23	30	fault	normal						0.2		90 or 270	46	350	0	19		90 or 270	
	2W	18	23	fault	normal						0.8		90 or 270	13					90 or 270	Major fault
	5W	30	36	shear zone	normal				quoskwozing		0.9		90 or 270	54					90 or 270	to measure vertical dip-
	5W	37	39	shear zone	normal				planar		0.9		90 or 270	16					90 or 270	
	5W	37	42	shear zone	normal				quost		0.9		90 or 270	56					90 or 270	
	6W	7	18	shear zone	normal				quost.		0.9		90 or 270	60					90 or 270	
	6W	15	20	shear zone	normal				quost.		0.9		90 or 270	49					90 or 270	
	6W	92	92	bed	Sharp						0.9		90 or 270	11	0	1			90 or 270	
	6W	105	109	fault	normal						0.9		90 or 270	59	40	0			90 or 270	
	6W	96	97	Stylolite							0.9		90 or 270	23	180	10			90 or 270	Pears 270/70
	61	1W	38	Bedding	sharp						0.8		90 or 270	7	180	6			90 or 270	Contact between chalk and red clay
①	61	1W	104	Fault	Indeterminate			offset?			0.8		90 or 270	2	0	48			90 or 270	
③	61	1W	127	Fault	Normal			offset?			0.8		90 or 270	51	0	44			90 or 270	
②	61	1W	142	Fault				offset?			0.8		90 or 270	18		?			90 or 270	
④	61	1W	117	Fault	Normal			0.6 cm offset			0.8		90 or 270	68	23	0	16		90 or 270	
③	61	1W	72	Fault	Normal			~1.5 mm offset			"		90 or 270	46	16	0			90 or 270	
①			74	Fault	Normal			0.8 cm offset			"		90 or 270	11					90 or 270	
①			74	Fault	Normal			?			"		90 or 270	32	0	26			90 or 270	
			74	Fault	Normal			max offset?			"		90 or 270	30	354	0			90 or 270	
			39	2005 fault				? offset			"		90 or 270	82					90 or 270	Vertical slip? (in red clay)



94-142

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- ③
- ②
- ④
- ③
- ①

Exp. 362 Structure Observation Sheet

Site:

Core	Section	Top [cm]	Bottom [cm]	Structure	Type	Fault/shear zone observation 1	Shear zone observation 2	Apparent offset	Structure geometry	Breccia clast size	Structural Confidence	Confidence detail	Core Reference Frame				Comments	Link Files			
													Core face app. plunge	2nd app. plunge	Lineation						
													azimuth	plunge	azimuth	plunge	rake	from			
Example						deformation band/shear band/slickenside/slickeline	cataclastic/compaction /riedel/S-C		planar/curved/wavy/anastomosing/polygonal/broad/open/closed/tight/upright/overturbed	uniform/variable	0 - 1.0		90 or 270						90 or 270		
b(R)	1W	28	30	Fault	Normal	3mm offset					0.8		90 or 270	49	320	0		90 or 270		Bedding layer	
"	"	55	56	Bedding	sharp						0.8		90 or 270	3	180	8		90 or 270		within red clay	
"	"	88	90	"	"						0.8		90 or 270	11	180	3.5		90 or 270		black layer within red clay	
													90 or 270					90 or 270			
② 61R	2W	4	16	Fault	Normal				PLANAR		0.8		90 or 270	63	180	26		90 or 270		} Blows 1-18	
① 61R	2W	0	8	Fault	Normal				ANASTOMOSING		0.8		90 or 270	56	0	26		90 or 270			
① 61R	2W	3	7	Fault	Normal				PLANAR		0.8		90 or 270	17	??	??		90 or 270			
61R	2W	45	49	Fault	Normal				PLANAR		0.8		90 or 270	26	0	19		90 or 270			
61	2W	73.5	73.5	STYLO							0.8		90 or 270	1	180	14		90 or 270		peaks L to STY. SURFACE	
		74	74	STYLO							0.8		90 or 270	1	180	15		90 or 270		4	
		74.5	74.5	"							0.8		90 or 270	0	180	14		90 or 270		4	
		79	79	"							0.8		90 or 270	5	180	9		90 or 270		4	
		81	81	"							0.8		90 or 270	6	180	13		90 or 270		4	
		86	86.5	"							0.8		90 or 270	5	180	5		90 or 270		4	
		88	88	"							0.8		90 or 270	2	180	3		90 or 270		4	
		90	91	"							0.8		90 or 270	16	180	8		90 or 270			
		92	92	"							0.8		90 or 270	4	0	5		90 or 270			
		94	94	"							0.8		90 or 270	9	0	1		90 or 270			
		104	104	Bed	sharp						0.8		90 or 270	5	0	7		90 or 270			
		118	123	Fault	Reverse				PLANAR		0.8		90 or 270	42	0	34		90 or 270		intersecting w stylo	
		125	125	STYLO							0.8		90 or 270	2	0	1		90 or 270			
		128	128	STYLO							0.8		90 or 270	1	0	15		90 or 270			
		128.5	128.5	"									90 or 270	2	0	2		90 or 270			
		129.5	129.5	"									90 or 270	4	0	3		90 or 270			
		131	131	"									90 or 270	10	180	2		90 or 270			
		133	133	"									90 or 270	6	0	25		90 or 270			

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Exp. 362 Structure Observation Sheet

Site:

Core	Section	Top [cm]	Bottom [cm]	Structure	Type	Fault/shear zone observation 1	Shear zone observation 2	Apparent offset	Structure geometry	Breccia clast size	Structural Confidence	Confidence detail	Core Reference Frame		Lineation		Comments	Link Files	
													Core face app. plunge	2nd app. plunge	rake	from			
Example						deformation band/shear band/slickenside/slickeline	cataclastic/compaction/riedel/S-C		planar/curved/wavy/anastomosing/polygonal/broad/open/closed/tight/upright/overtur ned	uniform/variable	0-1.0		90 or 270						
61R	3W	16	13	Fault	Normal				listric				90 or 270	26	0	28		90 or 270	
	3W	74	77	Fault	Normal				Wavy				90 or 270	17	180	11		90 or 270	
		83	84	Fault	Normal				almost				90 or 270	10	180	15		90 or 270	
		95	97	Fault	Normal				Planar				90 or 270	5	180	14		90 or 270	
		103	104	Stylo									90 or 270	3	180	2		90 or 270	
		105	105	"									90 or 270	1	180	1		90 or 270	
		106	106	"									90 or 270	3	180	2		90 or 270	
		107	107	"									90 or 270	2	180	2		90 or 270	
		109	109	"									90 or 270	2	180	2		90 or 270	
		110	113	Fault	Normal								90 or 270	22	0	15		90 or 270	
		116	116	Stylo									90 or 270	4	180	3		90 or 270	
		120	120	Stylo									90 or 270	3	0	20		90 or 270	
4W		2	6	Fault	N								90 or 270	34	0	15		90 or 270	Blowup see 036 Dec. 167.2 Incl. -21.8
		7	8	Fault	N								90 or 270	12	180	5		90 or 270	
		9	10	Fault	N								90 or 270	16	180	14		90 or 270	
		7	10	Fault	R								90 or 270	24	0	48		90 or 270	
		10	12	Fault	N								90 or 270	16	180	12		90 or 270	
		12	13	Fault	N								90 or 270	5	180	1		90 or 270	
		16	18	Fault	N								90 or 270	21	180	12		90 or 270	
		54	56	Bed	Sharp								90 or 270	9	0	9		90 or 270	
		60	61	Stylo									90 or 270	8	0	14		90 or 270	
		81	81	DEF. BAND		D.B.	COMP		PLANAR				90 or 270	3	180	3		90 or 270	
		95	96	Fault	Normal								90 or 270	17	180	40		90 or 270	
		95	97	"	"								90 or 270	18	180	40		90 or 270	
		96	98	"	"								90 or 270	16	180	39		90 or 270	
①		107	110	Fault	Normal								90 or 270	22	180	15		90 or 270	Release 99-136
②		107	112	Fault	Normal								90 or 270	31	0	40		90 or 270	



Exp. 362 Structure Observation Sheet

Site:													Core Reference Frame				Lineation		Comments	Link Files
Core	Section	Top [cm]	Bottom [cm]	Structure	Type	Fault/shear zone observation 1	Shear zone observation 2	Apparent offset	Structure geometry	Breccia clast size	Structural Confidence	Confidence detail	Core face app. plunge azimuth	Core face app. plunge plunge	2nd app. plunge azimuth	2nd app. plunge plunge	rake	from		
Example						deformation band/shear band/slickenside/slickeline	cataclastic/compaction/riedel/S-C		planar/curved/wavy/anastomosing/polygonal/broad/open/closed/tight/upright/overtur ned	uniform/variable	0 - 1.0		90 or 270					90 or 270		
G1R	SW	45	51	Fault	N				Diast				90 or 270	68	180	22		90 or 270		
		50	54	Fault	N				h				90 or 270	32	0	29		90 or 270		
		55	58	F	N				h				90 or 270	28	0	22		90 or 270		
		58	64	F	N				h				90 or 270	42	180	5		90 or 270		
		66	68	F	N				h				90 or 270	21	0	33		90 or 270		
		73	76	F	N				h				90 or 270	62	0	45		90 or 270		
		75	80	F	N				h				90 or 270	52	0	9		90 or 270		
		80	85	F	N				h				90 or 270	33	0	40		90 or 270		
		87	90	h	h				h				90 or 270	25	180	25		90 or 270		
		90	96	h	h				h				90 or 270	51	0	32		90 or 270		
		91	95	F	N				h				90 or 270	40	0	7		90 or 270		
		95	100	F	N				h				90 or 270	36	0	48		90 or 270		
		95	99	F	N				h				90 or 270	45	180	25		90 or 270		
		98	101	F	N				h				90 or 270	23	0	23		90 or 270		
		102	104	F	N				h				90 or 270	5	0	31		90 or 270		
		103	109	F	N				h				90 or 270	42	0	24		90 or 270		
		109	113	F	N				h				90 or 270	26	0	30		90 or 270		
		111	116	F	N				h				90 or 270	35	0	23		90 or 270		
		108	114	F	N				h				90 or 270	47	180	41		90 or 270		
		113	124	F	N				h				90 or 270	68	320	0		90 or 270		
		125	134	F	N				h				90 or 270	75	345	0		90 or 270		
		129	131	F	N				h				90 or 270	14	0	23		90 or 270		
		131	134	F	N				h				90 or 270	30	0	19		90 or 270		
①		136	141	F	N				h				90 or 270	27	0	32		90 or 270		
②		137	143	F	N				h				90 or 270	40	0	52		90 or 270		
②		138	140	F	N				h				90 or 270	51	318	0		90 or 270		
													90 or 270					90 or 270		

Beach Hill  
Cross Cut!

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Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Structure	Struct_detail	Obs_1	Obs_2	Obs_3	Conf_Struct	Conf_Struct_detail	Core Reference Frame				Geographic Reference Frame				Comments	Link File
												Plane Orientation		Lineation		Plane Orientation		Lineation			
												dip dire	strike	dip	trend	dip dire	strike	dip	trend		
G2R-3W	83.5	83.5			vein	wavy				270/1	180/12									0.02cm thick, white	
	89.5	90.5			-	-				90/5	0/42									0.02-0.1 thick, white	
	87.3	88			-	-				270/11	0/4									-	
	110	112			-	-				90/36	180/68									0.02cm thick, white	
	116	116			-	-				90/1	180/21									-	
G2R-4W	8.5	8			-	planar				90/10	0/10									1cm 0.2 thick light green	
	27	27			vein	wavy				270/1	0/34									<0.02cm thick, white	
	79	80			-	-				90/11	0/0									0.05cm thick, white	
	98	98			-	-				90/0	9/14									<0.02cm thick, white	
	113	113.5			-	-				90/36	180/30									0.05cm thick, weathered	
G1R-7W	9	13			fault	normal	planar			90/29	150/33	33/270								drilling induced	
	14.5	17			-	-	-			270/22	0/1	20/270								-	
	18	19.4			bedding		slant			90/15	180/9										
	21	21			fault		planar			170/19	180/6	38/270								drilling induced	
	20.5	24			fault		curved			90/64	33/0	20/0								-	
	52	52			-	normal	curved			270/4	0/28	78/270								-	
G1R-8W	0	4.5			fracture	normal	wavy			270/60	70/0									natural leaching	
	6	7.4			fault		planar			90/10	0/60									-	
	17	33			fracture		wavy			90/85	36/0									-	
	17	28			-	-	-			270/180	282/0									-	
	23	25			-	-	-			90/55	28/0									-	
	22.5	24.5			-	-	-			90/55	2/0									-	
	34	39			fracture		-			270/71	0/44									-	
	27.5	39			fracture		-			90/21	0/51									-	
	30	51			fracture		-			90/85	24/0									-	

100%  
 bridge



Exp. 362 Structure Observation Sheet

Site: 1480 G

Core	Section	Top [cm]	Bottom [cm]	Structure	Type	Fault/shear zone observation 1	Shear zone observation 2	Apparent offset	Structure geometry	Breccia clast size	Structural Confidence	Confidence detail	Core Reference Frame			rake	from	Comments	Link Files
													Core face app. plunge azimuth	plunge	2nd app. plunge azimuth				
Example						deformation band/shear band/slickenside/slickeline	cataclastic/compaction /riedel/S-C		planar/curved/wavy/anastomosing/polygonal/broad/open/closed/tight/upright/overturbed	uniform/variable	0-1.0		90 or 270						
65R	1	41	13	Fault	intermittent	(cut-off angle = 33°)			Planar				90 or 270	62	355	0			
65R	4	14	18	Fracture					planar		0.6		90 or 270	20	347	0			
65R	2	75	78	Fault	(Normal)	(cut-off = 36°)			Wavy	Not Planar → 0.75		Also C that no L drill cut High conf that L. 1.5m - 2m	90 or 270	47	180	7			3mm offset CURVY (Syn. set) (cut-off angle)
		75	76	fold	upper limb								90 or 270	6	332	0			
		74	76	fold	lower limb								90 or 270	4	180	9			slump?
		"	"	"	axis								90 or 270	1					
7	2	75	78	Fault	(Normal)	(cut-off = 31°)			Wavy		0.75		90 or 270	15	180	7			5mm offset Curvy (likely rotated)
		109	111	bedding	sharp	(possible lower limb of large fold)			large fold		0.6		90 or 270	25	13	0			
		112	115	Fault	(int)	(cut-off = 0°)			Planar		0.6		90 or 270	17	180	41	45		
		120	125	Fault	(Normal)	(Fault associated w shear zone 120-124 cut-off)					0.7		90 or 270	56	180	6			offset 3mm
		99	101	Fold	upper limb						0.8		90 or 270	32	180	24			
					Lower limb					likely	0.8		90 or 270	25	180	24			
					Axis					Syn	0.8		90 or 270	32					
		106	108	fold	upper limb					Syn	0.8		90 or 270	33					
		107	108	fold	lower limb					Syn	0.8		90 or 270	20.5					
		106	108	fold	Axis					Syn	0.8		90 or 270	28					
		94	98	bedding	sharp	(possible lower limb of large fold)							90 or 270	32	0	11			
		131	135	Fault	normal	(cut-off angle = 35)			Curvy				90 or 270	52					
		136	140	Fault	normal	(cut-off angle = 46)			Planar				90 or 270	54	346	0	19		offset 2mm
		126	129	Shear zone	(int)	(.5 to 1.5 cm thick)							90 or 270	29	0	21			
		143	147	Fault	(normal)	(cut-off angle = 39)			Planar		0.8		90 or 270	38	0	30			offset 1cm
		143	145	Bedding									90 or 270	7	0	3			
		76	78	Bedding									90 or 270	1	0	0			
		46	52	Fault		(cut-off = 63°)							90 or 270	75	349	0			
		25.5	27.5	Fault	(int)	(cut-off = 66°)							90 or 270	20	0	34			
		23	27	Fault		(cut-off = 61°)							90 or 270	38	0	54			

50 50 (cut-off = 60°) 90 60 13 0 2mm offset

Exp. 362 Structure Observation Sheet

Site: 14809

Core	Section	Top [cm]	Bottom [cm]	Structure	Type	Fault/shear zone observation 1	Shear zone observation 2	Apparent offset	Structure geometry	Breccia clast size	Structural Confidence	Confidence detail	Core face app. plunge		Core Reference Frame 2nd app. plunge		Lineation		Comments	Link Files
													azimuth	plunge	azimuth	plunge	rake	from		
Example						deformation band/shear band/slickenside/slickeline	cataclastic/compaction /riedel/S-C		planar/curved/wavy/a nastomosing/polygonal/broad/open/closed /tight/upright/overtur ned	uniform/variable	0-1.0		90 or 270					90 or 270		
65R	1	119	120	Fracture					Planar		.5		90 or 270	15	180	14			90 or 270	
		124	126										90 or 270	12	0	3			90 or 270	
65R	2	4	5	Bedding	(sharp)						.8		90 or 270	12	180	1			90 or 270	
		5	8	Fault	Normal	(cut off angle = 18)			Planar		.8		90 or 270	23	0	19			90 or 270	offset 2mm
		6	12	Fault	Normal	offset (2-3 mm)			Planar		.8		90 or 270	75	15	0			90 or 270	multiple // faults possibility vein structure
		14	16	Fracture					Planar		.6		90 or 270	5	180	4	47		90 or 270	multiple // faults (2 directions)
		15	21	Fault	Normal	offset (1 cm)			Wavy		.8		90 or 270	17	180	14			90 or 270	multiple // faults (2 directions)
	46	15	21						Wavy		.8		90 or 270	36	318	0			90 or 270	" "
		22	23	Fault	Normal	cut off angle = 26			Wavy		.8		90 or 270	7	180	8			90 or 270	offset 3-8mm multiple // faults
		23	26	bedding									90 or 270	25	180	27			90 or 270	
		24	26	Fault	Normal	offset 2-6mm			Planar		.5		90 or 270	7	180	16			90 or 270	Maybe same as fault between 23 & 24
		28	30	Fault	Normal	offset 1cm			Planar		.8		90 or 270	27	351	0			90 or 270	Multiple // faults same set as 15-21
		29	31	Fracture					curved		.6		90 or 270	23	180	27	28		90 or 270	
		29	34	Fold (slump)		UPPER limb							90 or 270	19	180	27			90 or 270	Two folds
						lower limb							90 or 270	24	180	29			90 or 270	Close by
						Axis							90 or 270	21					90 or 270	
						UPPER limb							90 or 270	24	180	6			90 or 270	
						Lower limb							90 or 270	2	180	42			90 or 270	
						Axis							90 or 270	13					90 or 270	
		21	22	shear zone		mode							90 or 270	9	180	7	55		90 or 270	
		37	38	Fault		indefinite	cut off						90 or 270	4	180	22	31		90 or 270	
		42	44	Fault		indefinite							90 or 270	2	180	14	32		90 or 270	
		51	52	Bedding	sharp								90 or 270	4	0	25			90 or 270	
		50	58	Fault	Normal	cut off angle = 30			Wavy		.8		90 or 270	19	180	45			90 or 270	offset (through) 5mm
		67	63	Fault	Normal	cut off angle			Wavy		.75		90 or 270	42	180	14			90 or 270	offset 2cm
		70	71	Fault	Normal	offset (thru)	4mm		Wavy		.75		90 or 270	6	180	19			90 or 270	series of // faults w/ apparent normal offset
		80	89	Fault	Normal	offset 1cm	cut off angle = 31		Wavy		.8		90 or 270	30	0	10			90 or 270	series of // faults

vertical 8cm

Exp. 362 Structure Observation Sheet

Site: 14809

Core	Section	Top [cm]	Bottom [cm]	Structure	Type	Fault/shear zone observation 1	Shear zone observation 2	Apparent offset	Structure geometry	Breccia clast size	Structural Confidence	Confidence detail	Core face app. plunge		Core Reference Frame 2nd app. plunge		Lineation		Comments	Link Files	
													azimuth	plunge	azimuth	plunge	rake	from			
Example						deformation band/shear band/slickenside/slickeline	cataclastic/compaction/riedel/S-C		planar/curved/wavy/anastomosing/polygonal/broad/open/closed/tight/upright/overturbed	uniform/variable	0-1.0		90 or 270								
GSR	2	81	81.5	bedding					Wavy		.8		90 or 270	1	0	15					
"	"	102	112.5	Faults (Normal)					Planar		.8 ← S		90 or 270	54	342	0				series of 11 Faults	
"	"	118	136	Folds (axial planes)							.8 ← S		90 or 270	75	351	0				steep for limbs w/ a very gentle towards	
"	"	125	127	bedding					wavy		.8		90 or 270	17	140	13					
"	"	143	143	fracture					Planar		.4		90 or 270	38	180	31					
"	"	141	143	bedding					Wavy/planar		.8		90 or 270	4							
"	"	131	142	fracture					Planar		.9		90 or 270	32	180	"					
"	"	112	115	Fold							.8 ← S		90 or 270	16							
"	"										.8 } S		90 or 270	5							
"	"										.8 } S		90 or 270	12							
"	"	119	119	Shear zone							.		90 or 270	4	180	10					
GSR	3	11	20	Fault	Normal	10mm offset	cut off angle 53	53	Wavy		.8		90 or 270	33	0	47					
"	"	20	23	Fault	Normal	2mm offset	cut off angle 69	69	Wavy		.7		90 or 270	80	2	0					
"	"	37	42	Fault	Indeterminate			3mm	Curvy		.8		90 or 270	64	0	11					
"	"	48	49	Bedding					wavy		.8		90 or 270	7	0	6					
"	"	73	75	Fault	Normal			5mm	Planar		0.8		90 or 270	22	180	5	49				
"	"	68	72	fracture							0.6		90 or 270	36	0	16					
"	"	81	83	Fault	Indeterminate						0.7		90 or 270	17	0	40	5				
"	"	85	87	Fault	Indeterminate						0.7		90 or 270	22	0	55	80				
"	"	130	144	Fault	indeterminate				Wavy		.8		90 or 270	67	180	71				maybe reverse	
GSR	4	14	15	bedding							.6		90 or 270	1	0	3					
"	"	18	21	fault	Indeterminate		cut off angle = 16		Planar		.7		90 or 270	5	150	39	87				
"	"	20	21	bedding					Planar		.7		90 or 270	9	180	28					
GSR	"	120	121	vein					Wavy		.8		90 or 270	16	180	6					
"	"	132	141	vein					Wavy		.8		90 or 270	3	180	29					
"	"	89	91	vein					Wavy		.8		90 or 270	3	180	33					
"	"	111	112	fracture							.5		90 or 270	2	0	2				fracture between	

90 ————— 270

4/6 27, 87

Exp. 362 Structure Observation Sheet

Site: 1480G

Core	Section	Top [cm]	Bottom [cm]	Structure	Type	Fault/shear zone observation 1	Shear zone observation 2	Apparent offset	Structure geometry	Breccia clast size	Structural Confidence	Confidence detail	Core Reference Frame				Comments	Link Files		
													Core face app. plunge	2nd app. plunge	Lineation					
												azimuth	plunge	azimuth	plunge	rake	from			
Example						deformation band/shear band/slickenside/slickeline	cataclastic/compaction/riedel/S-C		planar/curved/wavy/a-nastomosing/polygonal/broad/open/closed/tight/upright/overtur-ned	uniform/variable	0-1.0		90 or 270					90 or 270		
66R	1W	60	60	vein					wavy		1		90 or 270	5	180	35		90 or 270	Brown	
		83	83	vein					wavy		1		90 or 270	2	180	20		90 or 270		
	2N	6	18	vein					curved		1		90 or 270	56	0	77		90 or 270		
		77	79	vein					h		1		90 or 270	21	180	23		90 or 270		
		111	113	vein					h		1		90 or 270	19	0	30		90 or 270		
	2W-17	3W-10		vein					h		1		90 or 270	48	0	36		90 or 270		
	3W	6	30	vein					h		1		90 or 270	68	120	68		90 or 270		
		36	75	vein					h		1		90 or 270	77	180	55		90 or 270		
	4W	18	23	vein					h		1		90 or 270	35	180	20		90 or 270		
	4W	94	96	vein					h		1		90 or 270	2	180	13		90 or 270		
		96	98	vein					h		1		90 or 270	35	0	48		90 or 270		
	5W	8	9	vein					h		1		90 or 270	7	180	7		90 or 270		
		79	145	vein	normal shear				h		1		90 or 270	81	21	0	76	90 or 270		
	6W	25	44	vein					h		1		90 or 270	80	351	0		90 or 270		
		47	63	vein					h		1		90 or 270	85	357	0		90 or 270		
		66	68	vein					wavy		1		90 or 270	32	0	68		90 or 270		
		71.5	74	vein					curved		1		90 or 270	11	0	11		90 or 270		
		82	84	vein					h		1		90 or 270	9	180	54		90 or 270		
	7	4	10	vein					h		1		90 or 270	46	180	4		90 or 270		
		12	17	vein					h		1		90 or 270	44	180	31		90 or 270		
		23	32	vein					h		1		90 or 270	58	0	31		90 or 270		
		46	46	vein					h		1		90 or 270	0	180	29		90 or 270		
		51	59	vein					h		1		90 or 270	57	0	58		90 or 270		
		92	96	vein					h		1		90 or 270	25	0	0		90 or 270		
67R	1W	22	25	vein					planar		1		90 or 270	18	0	19		90 or 270		
67R	1W	22	25	vein					wavy		1		90 or 270	5	180	72		90 or 270	calcite - quartz no react in film calcite - quartz (quartz?)	
		1	2	vein					h		1		90 or 270	28	0	10		90 or 270		

Exp. 362 Structure Observation Sheet

Site:

Core	Section	Top [cm]	Bottom [cm]	Structure	Type	Fault/shear zone observation 1	Shear zone observation 2	Apparent offset	Structure geometry	Breccia clast size	Structural Confidence	Confidence detail	Core Reference Frame				Comments	Link Files		
													Core face app. plunge		2nd app. plunge				Lineation	
													azimuth	plunge	azimuth	plunge	rake	from		
Example						deformation band/shear band/slickenside/slickeline	cataclastic/compaction /riedel/S-C		planar/curved/wavy/a nastormosing/polygon al/broad/open/closed /tight/upright/overtur ned	uniform/variable	0 - 1.0		90 or 270					90 or 270		
676	R-1	93	101	vein									90 or 270	24	180	21			90 or 270	
:	"	94	108	vein									90 or 270	61	180	50			90 or 270	
676	R-2	39	49	vein									90 or 270	63	180	68			90 or 270	
:	R-3	9	13	vein									90 or 270	29	180	55			90 or 270	
:	"	61	68	vein									90 or 270	68	180	29			90 or 270	
:	R-4	60	67	vein									90 or 270	78					90 or 270	
:	"	86	102	vein									90 or 270	94	0	0			90 or 270	
:	R-5	24	34	vein									90 or 270	58	180	62			90 or 270	
676	R-8	51	53	vein									90 or 270	14	0	4			90 or 270	
:	"	17	24	vein									90 or 270	51	180	5			90 or 270	
:	R-7	13	25	vein									90 or 270	68	180	64			90 or 270	
:	R-9	58	59	vein									90 or 270	10	0	3			90 or 270	
686	R-5	84	69	vein									90 or 270	91	180	59			90 or 270	
68R	5	0	13	vein									90 or 270	96	0	21			90 or 270	
68R	4	14	15	vein									90 or 270	2	180	41			90 or 270	
68R	4	63	68	vein									90 or 270	40	0	33			90 or 270	
:	"	110	119	vein									90 or 270	29	339	0			90 or 270	
:	3	0	16	"									90 or 270	76	351	0			90 or 270	
:	"	31	59	vein									90 or 270	16	180	11			90 or 270	
:	"	62	65	vein									90 or 270	32	0	22			90 or 270	
:	"	100	108	vein									90 or 270	68	180				90 or 270	
:	2R	44	46	vein									90 or 270	27	180	59			90 or 270	
:	"	49	54	vein									90 or 270	74	24	0			90 or 270	
:	"	49	51	vein									90 or 270	43	328	0			90 or 270	
:	1R	66	83	vein									90 or 270	89	180	52			90 or 270	
:	"	80	85	vein									90 or 270		180	20			90 or 270	
:	"	80	85	vein									90 or 270						90 or 270	



Exp. 362 Structure Observation Sheet

Site:

Core	Section	Top [cm]	Bottom [cm]	Structure	Type	Fault/shear zone observation 1	Shear zone observation 2	Apparent offset	Structure geometry	Breccia clast size	Structural Confidence	Confidence detail	Core Reference Frame				Comments	Link Files		
													Core face app. plunge azimuth	plunge	2nd app. plunge azimuth	plunge			Lineation rake	from
						deformation band/shear band/slickenside/slickline	cataclastic/compaction/ri edel/S-C		planar/curved/wavy/anastomosing/polygonal/broad/open/closed/tight/upright/overtur ned	uniform/variable	0-1.0		90 or 270							
	3W	33	35	Def Band		Def Band						0.8	90 or 270	5	180	14			90 or 270	
		69	73	Fault	Normal							0.9	90 or 270	25	0	61			90 or 270	110 beddings Diskosa Bedding // D.B.
		94	102	Fault	Normal				Navy			0.9	90 or 270	70	180	73			90 or 270	→ Pelouf 64-74
		117.5	120.5	Shear Zone								0.9	90 or 270	31	180	34			90 or 270	
		121	124	Shear Zone								0.9	90 or 270	58	36	0			90 or 270	
		124	125	Def. Band								0.9	90 or 270	69	340	0			90 or 270	
		125	128	Def. Band								0.9	90 or 270	46	0	44			90 or 270	
		124	127	Def. Band								0.9	90 or 270	81	345	0			90 or 270	
		128.5	131	DB								0.9	90 or 270	51	0	44			90 or 270	
	4W	2	4	Fault	Normal							0.9	90 or 270	24	76	0			90 or 270	
		2	8	Fault	N							0.9	90 or 270	76					90 or 270	
		25	8	Fault	N							0.9	90 or 270	75	345	0			90 or 270	
		7	16	Shear Zone								0.9	90 or 270	66	21	0			90 or 270	
		17	24	Fault	Reverse							0.9	90 or 270	40	180	62			90 or 270	
		18	28.5	Fault	Reverse							0.9	90 or 270	88	314	0			90 or 270	
		33	40	Shear Zone	Normal							0.9	90 or 270	50	0	56			90 or 270	
		34	36.5	Fault	Normal							0.9	90 or 270	20	0	21			90 or 270	
		37	50	Fault	Normal							0.9	90 or 270	56	310	0			90 or 270	
		49	53	Def. Band								0.9	90 or 270	35	338	0			90 or 270	
		53	63	Def. Band								0.9	90 or 270	46	325	0			90 or 270	
		64	69.5	Def. Band								0.9	90 or 270	13	0	28			90 or 270	Pelouf 64-76
		68.5	71	"								0.9	90 or 270	27	0	31			90 or 270	
		69.6	74.5	"								0.9	90 or 270	34	180	4			90 or 270	
		71.5	76.5	"								0.9	90 or 270	30	180	11			90 or 270	
		77	86	Shear Zone								0.9	90 or 270	60	346	0			90 or 270	
		80.5	91.5	Def. Band	Reverse							0.9	90 or 270	80	5	0			90 or 270	
		85	92	Def. Band	Normal							0.9	90 or 270	74	180	35			90 or 270	



Exp. 362 Structure Observation Sheet

Site:

Core	Section	Top [cm]	Bottom [cm]	Structure	Type	Fault/shear zone observation 1	Shear zone observation 2	Apparent offset	Structure geometry	Breccia clast size	Structural Confidence	Confidence detail	Core Reference Frame				Comments	Link Files		
													Core face app. plunge	2nd app. plunge	Lineation					
												azimuth	plunge	azimuth	plunge	rake	from			
Example						deformation band/shear band/slickenside/slickeline	cataclastic/compaction /riedel/S-C		planar/curved/wavy/anastomosing/polygonal/broad/open/closed/tight/upright/overtur ned	uniform/variable	0-1.0		90 or 270				90 or 270			
	4W	92	97	Shear zone							0.9		90 or 270	38	318	0	90 or 270			
		103	108	DB							0.9		90 or 270	70	0	59	90 or 270			Relocation
		106	112	DB							0.9		90 or 270	66	0	68	90 or 270			98-123
		107	114	DB							0.9		90 or 270	61	180	45	90 or 270			
		130	142	Fault	Normal						0.9		90 or 270	66	319	0	90 or 270			
		133	148	Fault	Normal				curved		0.9		90 or 270	26	324	0	90 or 270			
	5W	13	14	Bed							0.9		90 or 270	3	0	14	90 or 270			Relocation 0-13
		16	17	Shear Band							0.9		90 or 270	4	0	6	90 or 270			
													90 or 270				90 or 270			
71R	2W	47.5	63	DB							0.9		90 or 270	80			90 or 270			
		71.5	72.8	Compaction band							0.9		90 or 270	14	0	8	90 or 270			
		81.5	82.5								0.9		90 or 270	10	0	12	90 or 270			
		82.5	85	DB									90 or 270	35	180	27	90 or 270			
	3W	0	11	vein									90 or 270	75	21	0	90 or 270			
		12	12										90 or 270	0	0	42	90 or 270			
		30	81	polygonal vein									90 or 270				90 or 270			
													90 or 270				90 or 270			
<del>72R</del>	1W	16	26	vein	(calcite?)						0.9		90 or 270	63	0	25	90 or 270			
72R	2W	110	114		(calcite?)						0.9		90 or 270	16	180	22	90 or 270			
72R	3W	90	91	vein	(black-brown)								90 or 270	8	140	21	90 or 270			
72R	3W	97	100	vein	(black-brown)								90 or 270	21	0	59	90 or 270			
	"	<del>90</del>	<del>97</del> 124		"								90 or 270	87	7	0	90 or 270			
	"	46	50		white								90 or 270	43	0	17	90 or 270			
	"	<del>48</del> 23	58		white								90 or 270	30	150	30	90 or 270			
		45	18										90 or 270	42	130	43	90 or 270			
													90 or 270				90 or 270			
													90 or 270				90 or 270			



