

# Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 358 Site: C0025 Hole: A Core: 1R  
2R Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → *1* Bottom → *-1*	top	bottom	az./trend	dip	
	1R	—			no structure disturbed											
	2R	—			No recovery											

### Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 35P Site: COD25 Hole: A Core: 3R Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave. depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes	
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → +1* Bottom → -1*	top	bottom	az./trend	dip		
1	Bedding	48	49	6		270	6	180	4								
3	"	61	62			90	6	0	7								
3	"	72	72			90	0	0	0								
4	"	7	8			90	3	0	3								
4	"	9	10			90	0	0	0								
"	"	41	41			270	2	0	0								
"	"	84	84			270	3	180	5								

# Structural Geology Observation Sheet

Exp.: 358 Site: C0025 Hole: A Core: 4R Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

No. \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave. depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes	
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → "1" Bottom → "-1"	top	bottom	az./trend	dip		
1	bedding	56	56			270	5	180	10								
2	"	45	46			270	4	180	8								
2	"	60	60			90	5	180	7								
2	"	10	11			270	2	180	8								
2	"	15	15			90	4	180	6								
3	"	5	5			270	1	0	4								
3	"	40	40			270	5	180	4								
8	"	18	18			90	3	0	1								
8	"	55	55			90	1	180	6								
8	"	60	61			270	8	0	8								

### Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 358 Site: C0025 Hole: A Core: 5R Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → "1" Bottom → "-1"	top	bottom	az./trend	dip	
1	Bedding	61	62			90	3	180	4							
2	:	18	19			270	3	0	5							
4		61	62			270	3	180	5							
4		120	120			90	5	180	6							
5	beddy	54	54			270	3	180	1							
7	9	124	124			90	1	180	2							

# Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 358 Site: C0025 Hole: A Core: GR Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes	
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → "1" Bottom → "-1"	top	bottom	az./trend	dip		
2	Bedding	21	21			90	3	180	8								
2	=	25	25			270	5	180	4								
2	=	141	142			270	6	180	7								
4	=	7	7			90	2	0	4								
5	=	67	67			270	3	180	9								
5	=	71	72			270	6	0	4								
7	=	126	126			90	6	0	5								
8	=	26	26			270	3	0	5								



### Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 358 Site: C0025 Hole: A Core: 8R Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave. depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → * Bottom → *1*	top	bottom	az./trend	dip	
3	Bedding	45	45			90	6	180	8							coal bed
6	bedding	123.	123,5			270	5	0	6							sand-silt layer
1	~	29	31			90	13	180	18			24	31			

### Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp. : 358 Site : C0025A Hole : A Core : 9 Observer : \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes	
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → "1" Bottom → "-1"	top	bottom	az./trend	dip		
2	beddy	128.5	128.5			270	1	0	3			118	134				
3	Normal +1	94	94			90	83	18	0	2	90	74	94			→ fresh to surface drill-induced ?? → Not sure	
3	beddy	94	94			90	3	0	3								

### Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 358 Site: C0025 Hole: A Core: 10R Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave. depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → "1" Bottom → "-1"	top	bottom	az./trend	dip	
1	beddy	48	49			90	3	180	1			45	53			
1	"	97	98			250	4	180	2							
3	"	14	15			270	4	180	2			14	21			
3	"	55	56			270	1	0	1							

### Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 318 Site: C0025 Hole: A Core: 11R Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave. depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes	
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → "1" Bottom → "-1"	top	bottom	az./trend	dip		
7	Veinst.	98	100	(each vein)		270	67	59	0								
	"			(array)		290	20	180	5								
	"	110	120	(each vein)		250	82	30	0								
8	bedding	27	28			90	1	0	5			0	35				
8	Normal Fe	64	75			90	77	351	0	8	270	54	80	54			

### Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 358 Site: C0025 Hole: A Core: 12R Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave. depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → * Bottom → *1*	top	bottom	az./trend	dip	
1	Narrow Ft (head)	45	50			270	45	0	35			29	59			
2	Ft	132	140			270	56	350	0	5	90	131	140			
5	Bddy	28	28			4	270	0	13							
	N-Fault	19	42			90	72	43	0			0	43			
	Veinst	54	58		each vein	270	18	58	0							
	Fault	96	104		array	270	21	308	0			85	70			
6	veinst	3	16			270	67	310	0			5	23			
6	veinst	8	21			270	78	348	0							
7	Fault	15	19			270	54	4	0			6	22			
	=	18	20			90	24	0	4							
8	Veinst	33	48		each vein	270	8	292	0			31	44			
	=	84	86		each vein	270	14	329	0			83	100			
	=	84	86		array	0	11	64	0			83	100			
	=	105	107		each vein	270	75	211	0			101	111			

### Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 358 Site: C0025 Hole: A Core: 13R Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave. depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes	
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → "+" Bottom → "-"	top	bottom	az./trend	dip		
2	Normal fr.	38	50			270	66	303	0	25	90	27	50				
6	Fr healed	5	6			90	7	180	5			0	20				
		60	61			90	0	0	6			43	15				
	Fault	133	140			90	54	33	0	48	270	131	141				
7	Fault	10	20			90	62	6	0	8	270	10	21				
8	Fault healed	52	53			90	10	0	12			43	60				

### Structural Geology Observation Sheet

Exp.: 358 Site: C 25 Hole: A Core: 14R Observer:

Summary:

No. \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → * Bottom → -1*	top	bottom	az./trend	dip	
1	Fault	0	3			90	31	0	30			0	8			
2	=	5	7			270	27	0	9							
1	=	14	15			90	22	180	21			110	115			
4	=	134	139			270	46	357	0			134	140			
5	Healt fault <del>fault</del>	118	119			270	72	347	0			117	128			
=	=	136	136			90	6	180	12			135	127			
7	fault	26	26			270	16	0	18			23	27			

### Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 358 Site: C0025 Hole: A Core: 15R Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave. depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes	
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → '+' Bottom → '-'	top	bottom	az./trend	dip		
1	fault	33	39			90	47	87	0	23	250	30	43				
1	"	117	130			90	81	351	0	1	250	118	128				
3	fracture	70	81			90	72	344	0								
7	veins away	70	72			90	80	40	0			50	75				
7	veins away	76	84			90	82	20	0		76	76	85				
7	veins away	95	98			270	20	320	0			95	111				
7	fault	140	152			270	61	169	0	8	90	135	152				

# Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 358 Site: Coors Hole: A Core: 16R Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave. depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes	
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → *1* Bottom → *-1*	top	bottom	az./trend	dip		
1	fault	62	79			270	19	8	0	55	270	63	79				
1	Bedding	121	122			270	12	180	7			120	123				
4	Bedding	13	13			90	1	180	12								

312.0 - 358 m/17

### Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 358 Site: 00085 Hole: A Core: 17R Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave, depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes	
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → *1* Bottom →*-1*	top	bottom	az./trend	dip		
																	No struct for description.

### Structural Geology Observation Sheet

No. \_\_\_\_\_

Exp.: 358 Site: C002I Hole: A Core: 1PR Observer: \_\_\_\_\_ Summary: \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave. depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≤90)	from (±1, 90 or 270) * Top → -1* Bottom → -1*	top	bottom	az./trend	dip	
1	fault.	65	75			250	69	340	0	5	250	67	103			2mm thick, healed fault.
	fault	77	80			250	27	0	50			↓	↓			3mm thick, healed fault.
	fault	95	97			250	30	0	16			↓	↓			//
	fault.	<del>100</del>	128			250	82	353	0			115	128			7
2	Vein st (thick)	1	9			250	68	345	0			1	18			
	fault.	42	62			250	59	26	0			42	54			12cm thick fault zone (healed)
	vein array	67	73			250	54	0	48			↓	↓			vein array // healed fault?
		75	84			250	58	325	0			55	114			2cm thick fault zone composed of vein st

### Structural Geology Observation Sheet

Exp.: 358 Site: C025 Hole: A Core: 19R Observer: Summary:

No. \_\_\_\_\_

Section No.	Structure ID	Top of Struct	Bottom of Struct	ave. depth	Thickness of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Notes
						az.	dip	az.	dip	rake (≤ 90)	from (±1, 90 or 270) * Top → "1" Bottom → "-1"	top	bottom	az./trend	dip	
1	veins array	26	30			90	76	0	40			26	30			
1	veins array	43	47			90	24	0	323			38	54			
1	vein array	50	53			90	5	0	7			38	54			
1	fault	58	71			270	25	0	301			55	71			healed fault
1	fault	118	125			90	50	345	0	10	270	115	132			1mm healed fault
1	fault	124	128			90	48	337	0	29	90	115	132			3mm
2	fault	0	10			90	66	9	0			0	21			10mm thick healed fault
2	fault	25	37			90	60	3	0							
2	fault	39	44			90	50	34	0	20	270	21	44			10mm thick healed ft.
3	vein st.	10	11		each vein	270	19	0	19		0	0	22			
=	vein st	40	49		vein array	90	68	34	0			34	68			
=	=	46	46		each vein	90	8	180	9							
=	dark seam	44	52			90	46	180	13							
=	vein st	60	66		each vein	90	6	180	3							
=	N fault	57	67		at center of vein st array	270	3	165	0							