

Structural Geology Observation Sheet

Exp.: 405

Site: C0019

Hole: L

Core: 1H

Observer: AL

Summary:

Sec No.	Structure ID	Top of Struct	Bottom of Struct	Core face app. Dip		2nd app. Dip		Striation on surface		Coherent interval (for P-mag)		P-mag pole		Note			
				az.	dip	az.	dip	rake (≤ 90)	from ($\pm 1, 90$ or 270)	top	bottom	az.	dip				
1	Reverse fault (v)	16	20	270	39					all coherent				wavy nodular ls			
	Reverse fault (v)	129	139	270	63	0	60							faults with ~1 cm offset			
	Reverse fault (v)	119	124	270	53	0	62										
	Contact (v)	48	53	270	13	0	14										
	Contact (v)	57	60	270	21	0	13										
	Bedding (v)	84	89	270	7°	180	14										
	Bedding (v)	129.5	131	270	14	0	12							Bedding fines upwards			
	Bedding (v)	135	135	270	15	0	10							chaotic bedding below 93 cm			
	Reverse fault (ct)	518	58	270	65	0	42										
	Reverse fault (ct)	94	94	270	30	0	24										
2	Bedding (v)	59	65	270	8	180	9	Silt laminae		all coherent							
	Bedding (ct)	77	77	90	19°	180	12										
	Bedding (v)	22	29	270	72	180	20										
	Bedding (v)	76	80	90	21	0	11										
	Bedding (ct)	141	146	90	19	0	17										
	Bedding (ct)	129	130	90	17	0	40										
	Contact (ct)	101	104	90	28	0	6										
	Fault (thrust)	76	80	270	65	0	65										
3	Bedding (v)	14	119	90	50°	0	35°			0	100						
	Bedding (v)	30	34	90	33°	0	28			129	end			drilling disturbance below 103 cm			
	Bedding (v)	35	40	90	42	0	28										
	Normal (ct)	50	52	90	63	0	59										
	Normal (ct)	47	50	90	63	0	71										
	Thrust (v)	94	96	270	27	0	16										
	Bedding (ct)	129	133	90	32	0	21										
4	Bedding (v)	65	69	90	14	0	30			0	55						
	Bedding (v)	43	44	90	10	0	8			55	73						
	Bedding (v)	15	18	90	31	0	21										
	Thrust (ct)	19	22	270	32	180	48										
	Bedding (v)	38	40	90	24	0	41										
	Normal fault (ct)	38	44	270	73	0	76										

Exed ✓

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