

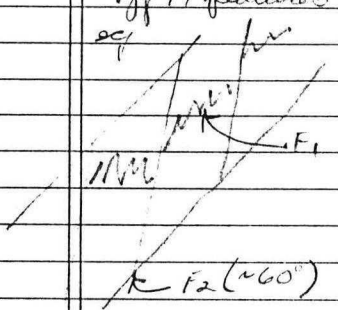
020181

S<sub>0</sub> = ~ -55° @ 276°

# ANVIL RANGE MINING CORPORATION

## STRUCTURAL LOG

DDH # 96MM-01UNITS: Feet / MetresDATE: SEPT. 9/96LOGGED BY: D. MATTLAPAGE 1 OF 8

FROM	TO	RFE = S <sub>0</sub> = F <sub>2</sub>					A F <sub>2</sub>				B F <sub>1</sub>				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
14'	99'		1		~55°	276°	PS <sub>2</sub>	2	~55°	276°									only simple structure visible RFE = S <sub>0</sub> F <sub>2</sub> = S <sub>0</sub>
126'	143				25°	276°	PS <sub>2</sub>	2	25°	276°									
145'	151'				60°	276°	PS <sub>2</sub>	2	60°	276°	DD <sub>1</sub>	1	N/A	N/A					F <sub>2</sub> structure cutting off F <sub>1</sub> features. 
157'	217'				55°	276°	PS <sub>2</sub>	2	55°	276°									- simple F <sub>2</sub> visible - no sign of micro structure.
217'	235'				30°	276°	PS <sub>2</sub>	2	30°	276°									RFE = S <sub>0</sub> shallows
235'	287'				55°	276°	PS <sub>2</sub>	2	55°	276°	DD <sub>1</sub>	1	N/A	N/A					MICROLITHONS (F <sub>1</sub> ) too small to obtain structure - - as above diagram. - simple F <sub>2</sub> structure visible - 243' - 287'

SO = ~-55° @ 276°

# ANVIL RANGE MINING CORPORATION

## STRUCTURAL LOG

DDH # 96MM-01

UNITS: Feet / Metres

DATE: SEP 7. 9/96

LOGGED BY: D. MATTILA

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FROM	TO	RFE = SO = F <sub>2</sub>					A F <sub>2</sub>				B F <sub>1</sub>				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
287'	319'				30°	276°	PS <sub>2</sub>	2	30°	276°									RFE shallows RFE = SO = F <sub>2</sub> simple F <sub>2</sub> structure visible
319'	320'				45°	276°	PS <sub>2</sub>	2	45°	276°	DD <sub>1</sub>	1	N/A	N/A					F <sub>2</sub> cuts off F <sub>1</sub> , RFE steepens - as shown diagram
339'	346'				45°	276°	PS <sub>2</sub>	2	45°	276°	DD <sub>1</sub>	1	N/A	N/A					" " RFE remains the same.
355'	378'				52°	276°	PS <sub>2</sub>	2	52°	276°									RFE steepens, simple F <sub>2</sub> structure visible
384'	391'				60°	276°	PS <sub>2</sub>	2	60°	276°									F <sub>2</sub> steepens
391'	393'				35°	276°	PS <sub>2</sub>	2	35°	276°									F <sub>2</sub> shallows F <sub>2</sub> visible only.

50 = ~55° @ 276°

## ANVIL RANGE MINING CORPORATION STRUCTURAL LOG

DDH # 96MM-01

UNITS: Feet / Metres

DATE: Sept. 3/96

LOGGED BY: D. MATTILA

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FROM	TO	RFE = S <sub>0</sub> = F <sub>2</sub>					A F <sub>2</sub>				B F <sub>1</sub>				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
669'	670'				60°	276°													RFE changes to 60° as a result of small small fold. Returns to 55° @ 672'
679'	681'				60°	276°	PS <sub>2</sub>	2	60°	276°									
703'	707'																		5 small chevron folds, DIP and DIR unable to measure
717'	742'																		general dip and dir of RFE unaffected by many minor (chevron) folds in this span. Small fold (F <sub>1</sub> ) structure appears "interbedded" between bands of bedding of ~55° dips (F <sub>2</sub> )
750'	757'				55°	276°	PS <sub>2</sub>	2	55°	276°	DD <sub>1</sub>	1	N/A	N/A					QTZ, VEINS FOLLOW C LEAVAGE F <sub>1</sub> minor folds overstepped by F <sub>2</sub> fold structure. Sphalerite bands (~2mm) follow S <sub>2</sub> cleavage.
762'	768'				40°	276°	PS <sub>2</sub>	2	40°	276°									RFE DIP shallows for 6'. QTZ LENSES BETWEEN FOLDING FLATTEN OUT. DIP returns to ~55° approx after 768'

S0 = ~55° @ 276°

# ANVIL RANGE MINING CORPORATION

## STRUCTURAL LOG

DDH # 96MM-01

UNITS: Feet / Metres

DATE: Sept. 6/96

LOGGED BY: D. MATILA

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FROM	TO	RFE = S0 = F2					A F2				B F1				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
801'	813'				~40°	276°	PS <sub>2</sub>	2	40°	276°	DD <sub>1</sub>	1	N/A	N/A					F <sub>1</sub> MICRO FOLDS CUT OFF BY F <sub>2</sub> FOLDING EVENT.
813'	814'				~30°	276°	PS <sub>2</sub>	2	~30°	276°									" " " " "
838'	842'				~45°	276°	PS <sub>2</sub>	2	45°	276°									
842'	843'				~53°	276°	PS <sub>2</sub>	2	53°	276°									F <sub>2</sub> FOLD DEEPENS AROUND F <sub>1</sub> MICRO FOLD STRUCTURES
843'	845'				~45°	276°	PS <sub>2</sub>	2	45°	276°	DD <sub>1</sub>	1	N/A	N/A					F <sub>1</sub> structures very deformed - hard to measure
848'	852'				~75°	276°	PS <sub>2</sub>	2	75°	276°									F <sub>2</sub> dip steepens until aft. 852' where it returns to 45°.
853'	867'				55°	276°	PS <sub>2</sub>	2	55°	276°									F <sub>2</sub> dip shallows and returns to ~45° @ 855' S0: S2
872'	877'				35°	276°	PS <sub>2</sub>	2	35°	276°									F <sub>2</sub> dip shallows - steepens to 40° after 877'

S0 = ~55° @ 276°

# ANVIL RANGE MINING CORPORATION

## STRUCTURAL LOG

DDH # 96MM-01

UNITS: (Feet) / Metres

DATE: SEPT. 8/96

LOGGED BY: D. MATTILA

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FROM	TO	RFE = S0 = F2					A F2				B F1				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
880'	889'		1		55°	276°													RFE = F2 = S0
889'	907'		PS2		30°	276°													
907'	907'				50°	276°	PS2	2	50°	276°									
@	906.5'									PS1	1	?	?						F2 phase cut off F1 structures
	909.5'									PS1	1	?	?						" S0 = S2
974'	997'		PS2		30°	276°	PS2	2	30°	276°									
980'	980.5'									PS1	1	?	?						F2 cuts off F1 structures S0 = S2
997'	1008'				55°	276°													
1008'	1012'				40°	276°	PS2	2	40°	276°	DD1	1	~25°	?					F2 changes-dip/shallows and cuts off large F1 feature over 4'
1017'	1018'				30°	276°	PS2	2	30°	276°	DD1	1	~25°	?					F2 dip shallows and cuts off large F1 structures over 1 foot S0 = S2
1027'	1033'				50°	276°	PS2	2	50°	276°	DD1	1	~20°	?					F2 steepens and F1 appears to shallowen - last defined to determine azimuth on F1

S0 = ~55° @ 276°

# ANVIL RANGE MINING CORPORATION

## STRUCTURAL LOG

DDH # 96MM-01

UNITS: Feet / Metres

DATE: Sept. 8/96

LOGGED BY: D. MATTICA

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FROM	TO	RFE = S0 = F2					A F2				B F1				C				COMMENTS
		SYM	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	FEATURE	PHASE	DIP	DIR	
1042'	1045'				50°	276°	PS2	2	50°	276°	DD1	1	~70°	?					F1 steep, - because of F2
1047'	1107'				40°	276°	PS2	2	40°	276°									F2 shallows
1115'	1140'				30°	276°	PS2	2	30°	276°									F2 shallows
1140'	1166'				40°	276°	PS2	2	40°	276°									F2 steepens, simple structure, F2 visible only.
1166'	1189'				55°	276°	PS2	2	55°	276°									simple structure, F2 visible only.
1189'	1191'				40°	276°	PS2	2	40°	276°									
1191'	1194'				40°	276°	DD1	1	N/A	~276°	DD1	1	?	~276°					F2 cuts off F1 fold structures (fine) in direction of F1, folds appear to be ~276°

RFE = S0

