

# Plate 45

## Coeur d'Alene District Revett Study


### Underground Stratigraphic Log

Date started 6-19-84  
Completed 6-22-84

Section Name SUNSHINE 3100 A,B,C  
Purpose of Section To examine stratigraphy of middle and upper Revett.

Mine SUNSHINE  
Level 3100'  
Logged by J. Mauk

Location Map No. S 3100 a,b,c,d  
Coord-base S 81,233  
E 73,849  
Coord.-top S 79,978  
E 73,890

DEPTH / THICKNESS	ROCK TYPE	DIAGENETIC / METAMORPHIC MODIFICATIONS	COLORS	BEDDING PLANE PROPERTIES			LAYER PROPERTIES			CHERT PELITE SILTY SANDY VERY SANDY	LITHOLOGY								COMPACTION DEFORMATION PROPERTIES		NOTES	% RECOVERY	NO. OF LAYER
				TYPE	ATTITUDE STK./DIP OR 2 to Core Axis	STRUCTURE	CURRENT DIRECTION	PLANAR	CURVI-PLANAR		NONPLANAR	FINE SAND MEDIUM COARSE	FINE GRAVEL COARSE	50% CARBON-25% ATES 10% Vol. %	25% OXIDES/ 10% HYDROXIDES 5% Vol. %	25% 15% 10% SULFIDES 8% Vol. %	6% 4% 2%	STRUCTURE	TEXTURE				
1274'																				1274' TOP OF SECTION		UQ 2	
874'-1274'																				874'-1274' ROCKS DIRTY, VERY DIFFICULT TO SEE SED. STRUCTURES AND BED THICKNESS.			
1054'-1084'																				1054'-1084' ROCKS QUITE MASSIVE.		US 1	
1014'-1033'																				1014'-1033' SANDY SILTITE, AS BELOW WHICH FINES GRADATIONALLY UPWARD TO ARGILLITIC SILTITE.			
981'-1014'																				981'-1014' SANDY SILTITE, SANDIER AND THICKER BEDDED THAN MOST SILTITE; NEARLY SERICITIC QTZITE; FAIRLY MASSIVE.			
874'-944'																				874'-944' SED. STRUCTURES VERY DIFFICULT TO SEE. 874'-904.5' QTZITE IS QUITE ARGILLACEOUS, SILTY. 831'-854.5', 858'-874' QTZITE IS VERY ARGILLITIC, QUITE MASSIVE POORLY EXPOSED, SILTY		MQ	
752'																				752' 2" WIDE FAULT ZONE N78°E; 68°SE, PROBABLY MINOR OFFSET.			
745'																				745' 1" WIDE QTZ. SID. VN.		LS	
634'-644'																				634'-644' QTZITE IS HARD BAKED			
618'-634', 644'-646', 650'-651', 652.5'-654'																				618'-634', 644'-646', 650'-651', 652.5'-654' MAFIC DIKES			
460'-479', 485'-503', 509'-530', 534'-537.5'																				460'-479', 485'-503', 509'-530', 534'-537.5' QTZITE IS GREEN SLIGHTLY SERICITIC, BUT VERY HARD.		LQ	
384'-424'																				384'-424' QTZITE IS FAIRLY HARD SUBVITREOUS.			
308'-314'																				308'-314' SMALL FAULTS INDETERMINATE OFFSET			
302'																				302' SMALL FAULT NO APPARENT OFFSET.			
264'																				264' SMALL FAULT 1"-2" QTZ. SIDERITE VEIN.			
200'																				N=11 		MR	
25.5'																				25.5' SMALL FAULT, SUBPARALLEL TO BEDDING, UNKNOWN OFFSET.			