Plate 12

Coeur d'Alene District Revett Study

Drill Core Log

Date Drilled: started 2-28-84
Date Drilled: Completed

Hole Name/No. ALLIED SILVER D.D.H # 83-1
Purpose of Hole to examine stratigraphy of part of the Revett and St. Regis Formations
Logged by J. Mauk

Property Allied Silver
Coord-collar N
E
Elev-collar 3,300'

Location Map No. Allied Silver a, b, c
Bearing at collar N 20° W
Inclination at collar -89
Length 3903'
Core size 1502'-2422': NX
2422'-3903': BQ

DEPTH / THICKNESS	ROCK TYPE	DIAGENETIC / METAMORPHIC MODIFICATIONS	COLORS	BEDDING PLANE PROPERTIES: TYPE	BEDDING PLANE PROPERTIES: ATTITUDE STK./DIP or ∠ to Core Axis	BEDDING PLANE PROPERTIES: STRUCTURE	CURRENT DIRECTION	LAYER PROPERTIES: PLANAR	LAYER PROPERTIES: CURVI-PLANAR	LAYER PROPERTIES: NONPLANAR	LITHOLOGY	COMPACTION DEFORMATION PROPERTIES: STRUCTURE	COMPACTION DEFORMATION PROPERTIES: TEXTURE	NOTES	% RECOVERY	NO. OF LAYER
3900		10-25% ser/phn	gn-gy-l/gn		45						ank			3903': END OF HOLE 3841.8'-3855.7' DARK GREEN LAMPROPHYRE DIKE WITH COMMON CALCITE VEINLETS. DIKE MAY INTRUDE WHITE LEDGE FAULT.		SR
			wh		41						sid					
3800		10-25% ser/phn	gn-l/gn		60						ank					MR
					60											
					52									3610'-3670': QUARTZITE IS EXTREMELY MASSIVE		
3700		3-5% ser/mus	wh-l/gy		54						sid					LQ
3600		15-30% ser/phn	gn-gy-l/gn		57						sid ank			3552'-3555': ZONE OF FOLDING; LAMINATIONS LOCALLY PARALLEL CORE AXIS.		
					74											
3500		3-15% ser/phn			83						ank					
		10-30% ser/phn	gn-gy-l/gn		65											
3400					79						ank					
					64									3250'-3261', 3267'-3276.5', 3375'-3397': HEMATITE AFTER MAGNETITE.		MR
					65											
3300		5-15% ser/phn	l/gn-tn		66									3260': DESICCATION CRACK INDICATES HOLE GOING DOWN SECTION.		
					70						ank					
3200					68											
					70											
3100		3-5% ser/mus	wh-l/gy		68									3069': GREEN MUD CHIPS SUBANGULAR TO SUBROUNDED TO 2" DIAMETER.		LQ
					60											
					57											
3000					59									2082', 2083', 3157'-3162', 3229'-3232', 3359'-3363', 3677.5'-3679': CORE SLIGHTLY PINKISH DUE TO TRACE OF URANINITE. VITREOUS QUARTZITE PORTRAYED AS MEDIUM SAND; SERICITIC QUARTZITE AS FINE SAND; THIN BEDDED ARGILLITE AS SANDY PELITE; LAMINATED ARGILLITE AS SILTY PELITE.		LS
		10-25% ser/phn	gn-l/gn		78											
			wh		66						ank					MQ
2900					74											
		5-15% ser/phn	l/gn								ank					US
					67											
2800		3-5% ser/mus	wh-l/gy		31									2747' PYRITE REPLACING BLACK MUD CHIP		
					69						ank					
					61											UQ
2700		5-15% ser/phn	l/gn		61						ank					
					66											
2600		15-30% ser/phn	tn-l/gn-d/gy		70									2500' APPROXIMATE AXIS OF SYNCLINE		
					67						ank			2478'-2500', 2607'-2611.5': HEMATITE AFTER MAGNETITE		SR
2500		20-30% ser	d/gy		75									2337': LARGE OBLONG INCLUSION OF SILTITE 1.5" LONG, 0.7" HIGH.		
		15-30% ser/phn	gy-l/gn		80									CALCITE-RICH PODS 0.7" 1.5"		
					67						ank					
2400					71											
		5-15% ser/phn	l/gn-l/gy		50						ank			2257'-2264': SHEAR ZONE WITH LOCAL GOUGE, MAY BE SOUTH CONTROL FAULT.		UQ
2300					59											
					70						ank					
2200					65											
					50						ank					
2100		15-30% ser/phn	l/gn-gy		68									2060' APPROXIMATE AXIS OF SYNCLINE.		
		20-30% ser	d/gy-lv-l/gn		68											
2000					56						ank			1934.5'-1944', 1961'-1965', 2001'-2005': DARK GRAY ARGILLITE, AS BELOW.		SR
		15-30% ser/phn	gy-l/gn-tn		52						ank					
1900					60											
			l/gy-l/gn		46						ank			1765'-1767, 1769'-1771', 1774.5'-1776', 1791-1793', 1801'-1802', 1807.5'-1812.5', 1818'-1819.5': DARK GRAY ARGILLITE; LAMINATED AND WELL-BEDDED TO MASSIVE.		
					32											
1800		5-15% ser/phn	wh l/gy		55						ank			1608', 1887.5'-1893', 1969'-1972.5', 2009', 2061'-2066', 2086'-2088', 2107', 2115.5', 2276.5'-2279', 2332.5'-2332.5'-2333', 2335'-2336', 2338'-2339.5', 2446', 2469', 2470', 2471.5', 2476.5', 3764', 3860.5', 3863', 3864', 3867.5', 3856', 3859.5': CALCITE VEINS, VEINLETS & PODS.		UQ
			l/gy-l/gn		51						ank					US
1700					49									1511'-1542': FRACTURE ZONE WITH LOCAL GOUGE AND BRECCIA; MAY BE LUCKY FRIDAY FAULT.		MQ
			l/gy-l/gn		60						ank			0'-1502': NO CORE, ROTARY DRILLED.		
1500														SECTION CONTAINS NUMEROUS SHEAR, FRACTURE, GOUGE AND BRECCIA ZONES.		