

DRILL HOLE LOG

UKON JOINT VENTURE

SURPRIZE CLAIMS, YUKON 1978

SLUDGE					CORE					HOLE DEPTH ft	DESCRIPTION	HOLE NO. 51 PAGE 2 OF 3	MOUNT SOPRIS GAMMA PROBE LOG	
FOOTAGE	SAMPLE NO.	WEIGHT LBS	CPS *	ppm U	ppb Au	SAMPLE NO.	% RECOV	CPS *	ppm U	ppb Au			FOOTAGE	
						12521	20	72/72	4.0		78	0.8 FT. QUARTZ + QUARTZ CHLORITE SCHIST	CHLORITE SCHIST SEE PAGE 1 FOR DESCRIPTION	
80											80	0.2 FT. WHITE QUARTZ		
						12522	11	72/72	0.5			0.6 FT. WHITE QUARTZ - INCLUSIONS BLEACHED AND ALTERED		
85											85	0.1 FT. WHITE QUARTZ 0.9 FT. PORPHYRY	CONTACT LOST QUARTZ FELDSPAR PORPHYRY cTqfp	
						12523	20	78/72	4.5		90	WEAK PERVASIVE AND FRACTURE ALTERATION		
90											92	STRONG ALTERATION	LIGHT GRAY COLORED, SMOKY QUARTZ AND FELDSPAR, MEDIUM GRAINED PHENOCRYSTS IN AN APHANITIC - MICROCRYSTALLINE MATRIX. FRACTURES WITH DENSITY 1-3/FT COATED WITH MANGANESE	
						12524	90	78/70	7.5		93	WEAK PERVASIVE AND FRACTURE ALTERATION		
95											95	FIRST CHLORITE OBSERVED		
						12539	100	80/70	14					
100											100	CHILLED CONTACT?	LIGHT GREENISH GRAY, SMOKY QUARTZ (10-15%) AND FELDSPAR (15-20%) AND CHLORITIZED BIOTITE - HORNBLende (3-5%) MEDIUM GRAINED PHENOCRYSTS IN A MICROCRYSTALLINE, FINE BLACK (MAFIC) SPECKLED MATRIX. FRACTURES WITH DENSITY 1-2 UP TO 4/FT EXHIBIT WEAK ARGILLIC ALTERATION WITH MODERATE COATING OF MANGANESE AND GOETHITE (OXIDIZED SPECULARITE AND PYRITE). TRACES OF PYRITE AND HEMATITE ASSOCIATED WITH CHLORITIZED MAFICS.	
						11435	100	80/80	4.5		105			
105											110		PROBE MALFUNCTION	
						11436	100	85/80	4.5		115			
110											120			
											123	INTENSITY OF LIMONITE ON FRACTURES AND ARGILLIC ALTERATION WEAKENS		
115											125			
						11437	100	85/80	3.5		130			
120											134	KNIFE LIKE FRACTURE WITH STRONG SPECULARITE, MODERATE PYRITE AND TRACE MALACHITE		
						11438	100	80/80	4.0		135			
125											140	TRANSITION FROM PALE TO DARK GREEN CHLORITIZED MAFICS		
											141			
130											145	DULL BROWN LIMONITE - GOETHITE - OXIDIZED SPECULARITE AND PYRITE?		
135						11439	100	90/80	4.0					
140														
145														
150														