

DRILL HOLE LOG

UKON JOINT VENTURE

SURPRIZE CLAIMS, YUKON 1978

MOUNT SOPRIS GAMMA PROBE LOG

SLUDGE					CORE					HOLE DEPTH ft
SAMPLE NO.	WEIGHT LBS	CPS *	ppm U	ppb Au	SAMPLE NO.	% RECOV.	CPS *	ppm U	ppb Au	
LOST CIRCULATION - NO SLUDGES										5
										10
										15
										20
										25
										30
										35
										40
										45
										50
					12540	7	100/100	7.0	<5	55
11401		85/75	26	<5						60
11402		100/75	29	5	12541	38	110/110	22	<5	62
11403		100/80	27	10	12542	72	120/110	14	<5	65
11404		95/80	28	<5	12543	35	110/110	20	<5	70
										72

HOLE COLLARED AT 788 S, 52 W
 DESCRIPTION HOLE NO. 53 PAGE 1 OF 3
 AZ: 104° DIP: -50° ANGLE FOLIATION TO CORE AXIS

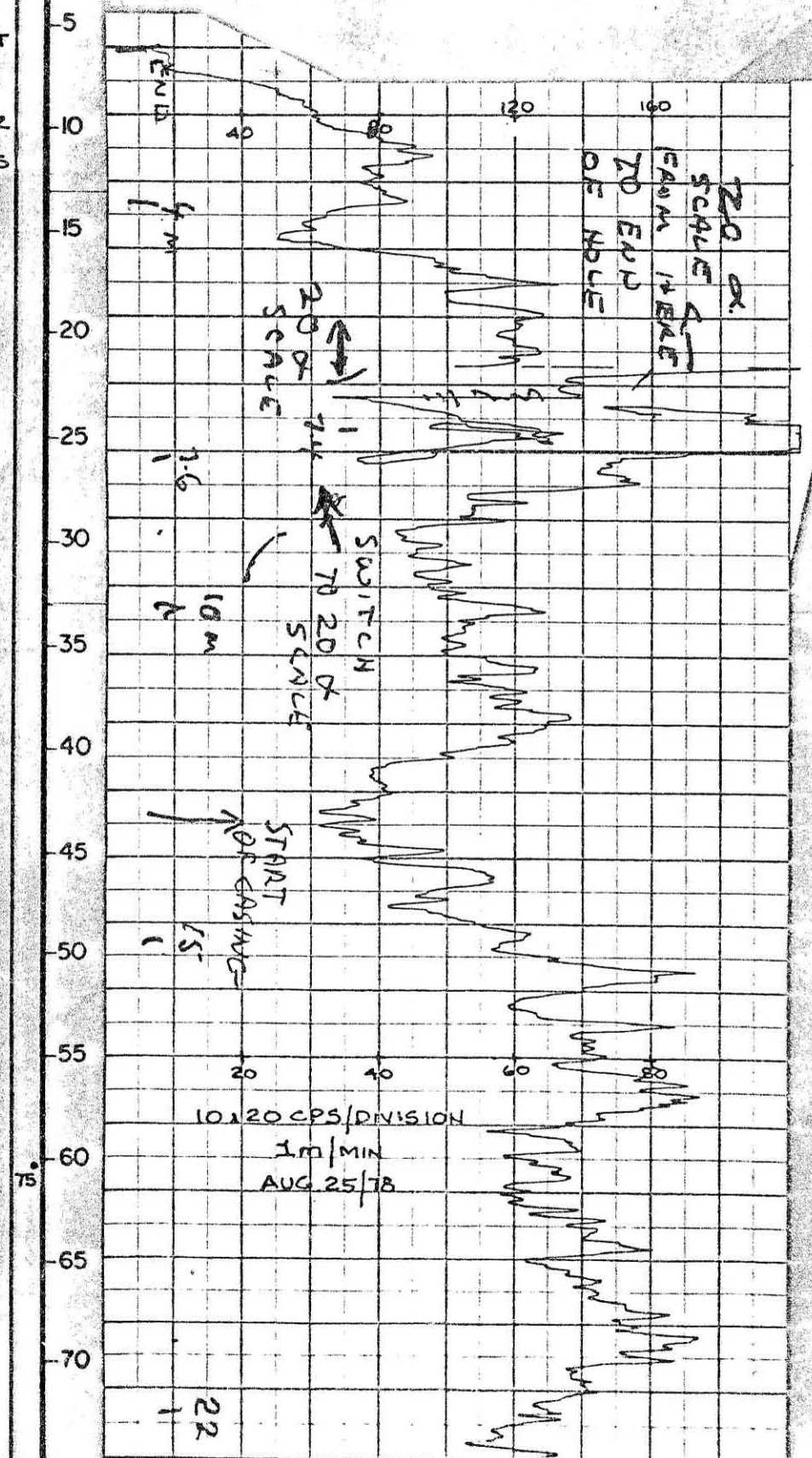
SCHIST-GNEISS UNIT-Psn (KLONDIKE
 SCHIST)

CHLORITE SCHIST
 MINOR QUARTZ CHLORITE SCHIST
 WITH OCCASIONAL UP TO 0.4 FT.
 WIDE LENSES OF WHITE QUARTZ
 OFTEN WITH OPEN FRACTURES
 SOMETIMES LINED WITH QUARTZ
 CRYSTALS. WEAK TO FAIR
 JAROSITE COATING FRACTURES

NO CORE RECOVERED

--- FAULT-0.8 FT GREY MUD WITH GRIT SIZE
 QUARTZ FRAGMENTS

--- FAULT-HIGHLY BROKEN, IN PART MUD AND QUARTZ FRAGMENTS
 STRONG JAROSITE TOP CONTACT
 MODERATE FRACTURE AND FOULATION
 JAROSITE



FOOTAGE	SLUDGE					CORE					HOLE DEPTH ft	DESCRIPTION	HOLE NO. 53 PAGE 2 OF 3 ANGLE FOLIATION TO CORE AXIS	FOOTAGE	MOUNT SOPRIS GAMMA PROBE LOG				
	SAMPLE NO.	WEIGHT LBS	CPS*	ppm U	ppb Au	SAMPLE NO.	% RECOV	CPS*	ppm U	ppb Au									
80	11405		95/75	22	5	12544	12	110/110	3.0	<5	76	FAULT-HIGHLY BROKEN AND MUDDIED, GRAPHITIC	CHLORITE AND QUARTZ CHLORITE SCHIST						
85	11406		95/80	17	<5	12545	47	110/110	24	5	80	FAULT ZONE-MUDDIED AND BROKEN SCHIST WEAK JAROSITE	PARTINGS AND NARROW BANDS OF GRAPHITE SCHIST BECOME COMMON TOWARDS BOTTOM CONTACT. NARROW QUARTZ LENSES COMMON, WEAK, LOCALLY FAIR FRACTURE JAROSITE						
90	11407		95/75	19	<5	12546	33	100/100	15	<5	85								
95	11408		90/75	17	<5	12547	47	120/110	25	5	86	FAULT ZONE-MUDDIED AND BROKEN SCHIST	FAIR-MODERATE FRACTURE AND DISSEMINATED JAROSITE TO BOTTOM CONTACT.						
100	11409		95/80	18	<5	12548	63	110/110	18	60	94	GRAPHITIC QUARTZITE							
105	11410		100/80	16	10	12549	30	110/110	3.5	10	95	FAULT ZONE-MUDDIED SCHIST WEAK-MODERATE JAROSITE							
110	11411		95/75	21	<5	12550	25	120/110	30	15	97	FIRST TRACE OF PYRITE	MODERATE-ABOVE AVERAGE DISSEMINATED AND FRACTURE JAROSITE. TRACES OF PYRITE IN SCHIST ALONG FOLIATION.						
115	11412		90/75	14	<5	11422	25	75/75	8.0	<5	100	FAULT-BROKEN AND MUDDIED	QUARTZ CHLORITE SCHIST						
120	11413		80/75	15	<5	11423	35	75/75	4.5	<5	105	FAULT-WEAK WATER FLOW	IN PART GRAPHITE SCHIST. NARROW QUARTZ LENSES. WEAK SUPERGENE ALTERATION ALONG FRACTURES. WEAK-FAIR PYRITE ALONG FOLIATION. USUALLY RIMMED BY JAROSITE. IN WEATHERED SECTIONS PYRITE COMPLETELY LEACHED WITH JAROSITE LINING CAVITY.						
125	11414		90/75	18	<5	11424	11	80/80	1.0	5	108		QUARTZ GRAPHITE SCHIST						
130	11415		95/80	23	<5						110		WEAK QUARTZ IN LENSES AND VEINING. WEAK-FAIR DISSEMINATED AND FOLIATION PYRITE. FAIR DISSEMINATED, FOLIATION AND FRACTURE JAROSITE						
135	11416		80/75	N.S.	N.S.		0				114								
140	11417		80/75	17		11425	27	75/75	<0.5	<5	115	FAULT-0.3 FT MUD	QUARTZ GRAPHITE AND QUARTZ CHLORITE SCHIST						
145	11418		95/80	16		11426	4	75/75	<4.0	<5	116	FAULT-0.2 FT MUD	OCCASIONAL UP TO 0.3 FT LENSES OF WHITE QUARTZ AND SOME AS FRACTURE FILLING. WEAK TO FAIR DISSEMINATED AND QUARTZ FRACTURE FILLING PYRITE. WEAK JAROSITE COATING CAVITIES AND RIMMING PYRITE						
150	11419		80/80	16							120	CAVE AT 150 FT. 1.0 FT BROWN SAND 1.5 FT-BLACK GRIT-GRAPHITE & WHITE QUARTZ							

NOT PROBED AS
RODS FILLED
WITH SAND

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* - CPS - 120/100 - COUNTS PER SECOND OVER BACKGROUND USING SCINTREX BGS ISL (43.4 cc CRYSTAL) SCINTILLOMETER