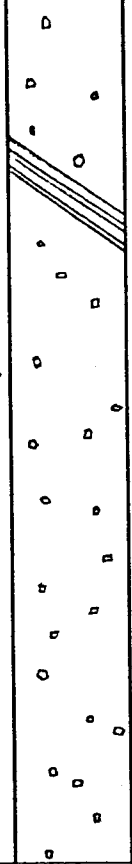
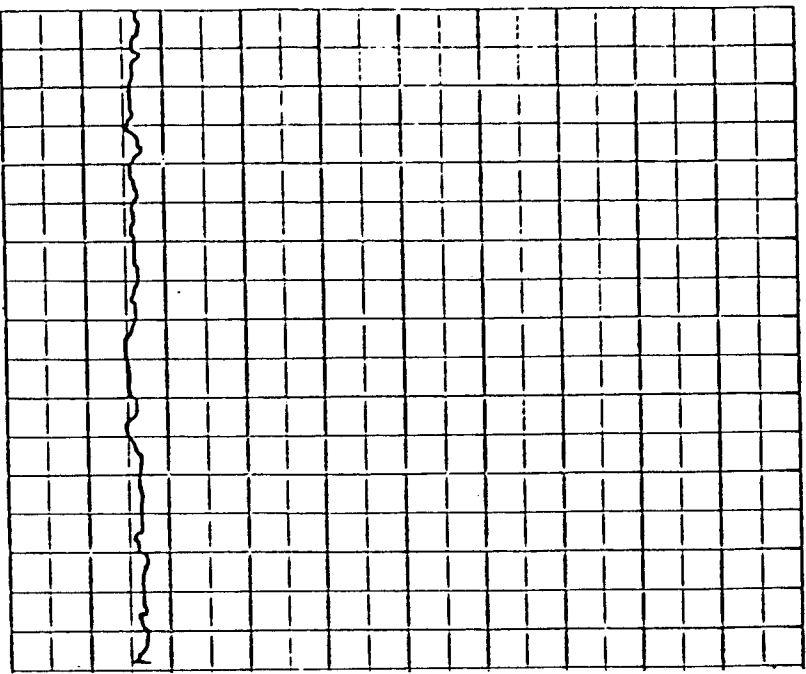


PROJECT UVJ HOLE TH2 LOCATION ZONE T1 CORE SIZE BQ STARTED 15/07/79 FINISHED 16/07/79 PAGE 1 OF 2
CLAIM GROUP TOMBSTONE LENGTH 112' DIP -50° AZIMUTH 020° COLLAR ELEVATION 5393' DRILLED BY CARON LOGGED BY EATON

GEOLOGICAL DESCRIPTION	SAMPLE NUMBER	RADIO-ACTIVITY IN CPS BGS-ISL	%U ₃₀₈	ppm U	ppm Cu	% RECOV	GEOLOGY	STRUCTURE % core	HOLE DEPTH (FEET)	MOUNT SOPRIS GAMMA PROBE LOG
OVERBURDEN: a mixture of various tinguaites phase boulders and soil in a talus chute.										
	H37378	BKGD	42			30%	(Sketch of irregular shapes)		5	
INTERMEDIATE TINGUAITE: white orthoclase and subhedral pseudoleucite phenocrysts up to 8 mm across in a medium grey groundmass. Minor magnetite associated with 1 mm long mafic phenocrysts, probably biotite but may be an amphibole. The rocks are extremely pitted for the first 30.0'; below this, leaching is confined to fractures. Relatively massive; fracture density 3-7/ft. Two fracture sets predominate, 40-50° and 0-25° to the core axis. Most fractures are open. Where closed, chlorite, calcite and goethite + pyrite usually fill the fracture. Closed fractures are associated with the 0-25° set. Small fracture zones occur at 15.5'-16.0', 16.8'-17.3' and 21.0'-22.0'. These rocks are strongly leached with goethite stockworks on a few fractures.	H37379 H37380		10.5 9.5			100% 60% 100%	.		10 15 20	
	H37381		11.5			70%	. . . . .		25	
26.0'-29.5': a series of 1 mm to 5 mm fractures run subparallel to the core axis. In addition to chlorite the fractures contain goethite and hematite coatings and stockworks. The wall rocks are pitted. 5 mm wide, bleached envelopes surround the fractures.	H37382		22.5				. . . . .		30	
30.8'-31.3': a 2 cm wide fracture zone cutting intermediate tinguaites at 20° contains chlorite, calcite, hematite stain, goethite, pyrite and molybdenite. 31.9'-33.3': a 1 mm wide fracture inclined at 20° to the core axis contains calcite, pyrite and goethite.	H37383	BKGD	12.5				. . . . .	40° TO 50° AND 0° TO 25°	35	
36.1'-36.4': a 1 mm wide fracture inclined at 20° contains chlorite, calcite, pyrite and goethite.	H37384		13.5				. . . . .	3-7'	40	
41.5'-43.7': a 1/2 mm wide fracture running subparallel to the core axis contains calcite and chlorite with minor pyrite and goethite. 44.9'-45.1': two 1 mm wide, cross-cutting fractures, one inclined at 20° and the other at 30°, are filled with chlorite, calcite, and pyrite.	H37385		11.0			100%	. . . . .		45	
45.3'-46.0': weak hematite stains are found adjacent to 50° fractures. 46.0'-46.8': the fracturing becomes more intense. The fractures contain chlorite and minor goethite. The adjacent wall rocks are bleached.	H37386		9.0				. . . . .		50	
52.3'-52.5': two 1/2 mm fractures cutting intermediate tinguaites at 30° contain chlorite, calcite, pyrite, and goethite.	H37387		7.5				. . . . .		55	
56.5'-56.7': 1-2 mm wide, 25° fracture containing calcite and goethite, is surrounded by 10 mm bleached envelopes. 57.2'-57.4': 1 mm wide, 25° fracture contains calcite and pyrite.	H37388		10.0				. . . . .		60	
59.7'-60.0': 1-3 mm wide, 25° fracture contains chlorite and pyrite. 60.3'-61.3': 1 mm fracture which is subparallel to the core axis contains chlorite, goethite and calcite and is surrounded by a 5-10 mm bleached envelope.	H37389		15.0				. . . . .		65	
64.9'-65.1': 40 mm fracture zone composed of 30° fractures. Fractures contain chlorite and minor goethite. The wall rocks adjacent to the fractures are bleached. Similar zones are found between 66.5'-66.7' and 66.9'-67.1'.	H37390		8.0				. . . . .	30° 30'/1' 30° 30'/1'	70	
INTERMEDIATE TINGUAITE: phenocrysts are slightly smaller than most intermediate tinguaites. 69.1'-69.9': 1/2 mm wide, 15° fracture containing chlorite, calcite and goethite.	H37391		13.5				. . . . .		75	
72.3'-72.7': three 1/2 mm wide, 40° fractures contain chlorite, goethite and minor pyrite. 73.3'-73.6': a 1 mm wide, 30° fracture contains chlorite, calcite, goethite and minor pyrite.							. . . . .		

DRILL HOLE LOG

PROJECT UJY HOLE TH2 LOCATION ZONE T1 CORE SIZE 80 STARTED 15/03/79 FINISHED 13/03/79 PAGE 2 OF 2
CLAIM GROUP TOMBSTONE LENGTH 112' DIP -50° AZIMUTH 020° COLLAR ELEVATION 5393' DRILLED BY CARON LOGGED BY EATON

GEOLOGICAL DESCRIPTION	SAMPLE NUMBER	RADIO-ACTIVITY IN CPS BGS-ISL	GEOCHEMISTRY AND ASSAY				% RECOV	GEOLOGY	STRUCTURE % core	HOLE DEPTH (FEET)	MOUNT SOPRIS GAMMA PROBE LOG												
			(% U ₃ O ₈) ppm U	ppm Cu																			
82.0'-86.8': a series of 1 cm to 10 cm wide <u>fine grained tinguaitite</u> dykes cut intermediate tinguaites at 45° to core axis. 86.8'-87.0': five 1/2 mm wide, 20-30° fractures contain chlorite, calcite and goethite. 90.5'-90.8': a 2 mm wide, 20° fracture contains arsenopyrite. 94.2'-94.6': a 1/2 mm wide, 25° fracture contains chlorite, calcite and pyrite. 100.3'-100.7': a 2 mm wide, 20° fracture is filled with calcite and fresh pyrite. 102.5'-103.0': a wide, 20° fracture is filled with calcite and fresh pyrite.	H37392		11.5						40° TO 50° AND 0° TO 25°	3-7/1'	80												
	H37393		8.0								85												
	H 37394		12.0								90												
	H37395	BKGD	13.0			100%					95												
	H37396		14.0								100												
	H37397		14.5								105												
	H37398		17.5								110												
								112															
		</																					