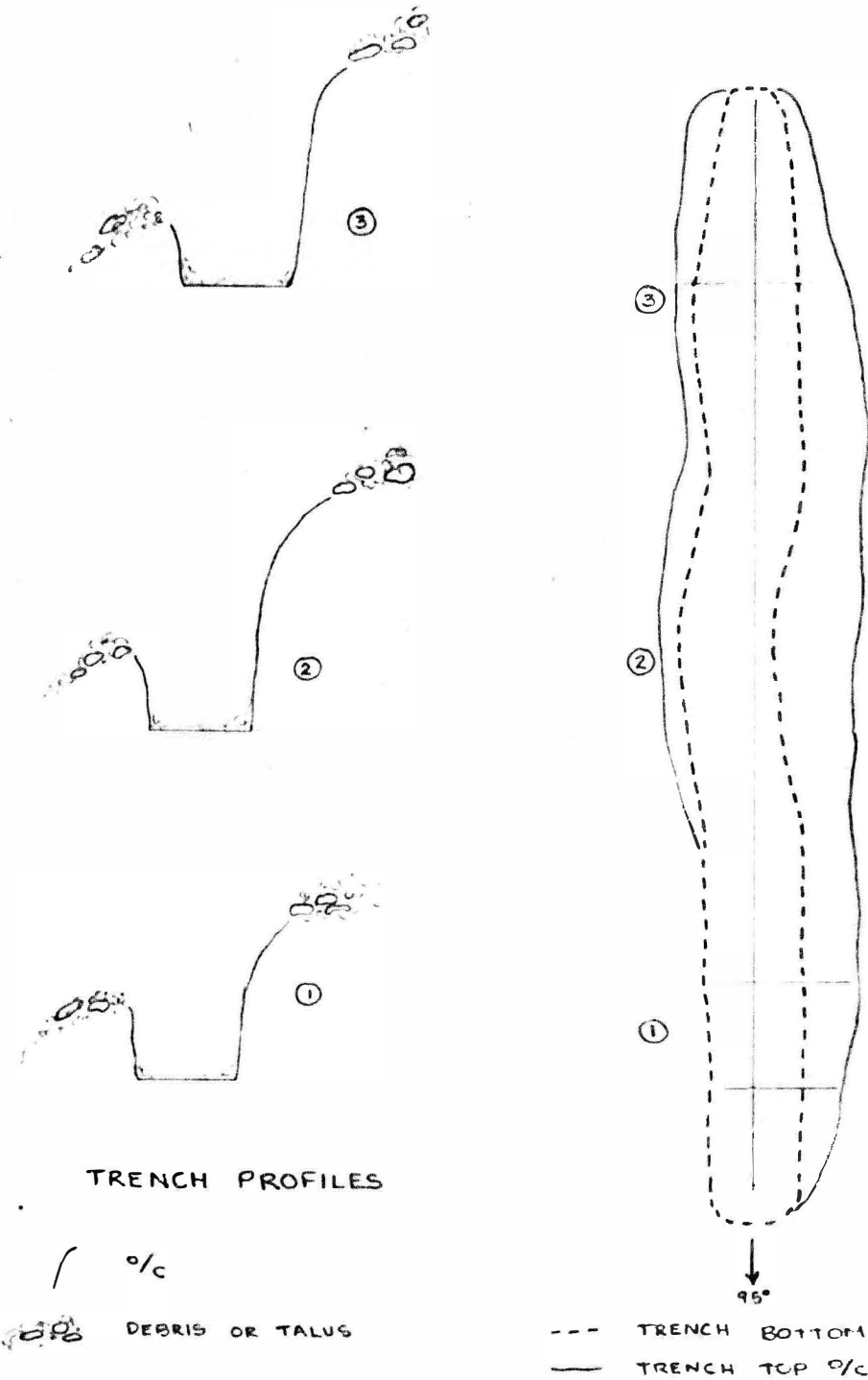


UJV/77
TRENCH TIC

006840



LENGTH AND IDENTIFIER	ASSAY NO. AND ASSAY RESULTS	SCINT READING AGAINST TRENCH WALL
- 6 m		2000
		2500
TIC6	11077 - 0.025%	5600
		6500
- 5 m		8500
		5600
TIC5	11076 - 0.105%	6500
		6300
- 4 m		7200
		7300
TIC4	11075 - 1.06%	10K
		10K
- 3 m		10K
		10K
TIC3	11074 - 0.078%	8200
		6200
- 2 m		5400
		4900
TIC2	11073 - 0.030%	4800
		4200
- 1 metres		2900
		2300
TIC1	11072 - 0.006%	2200
		1800
- 0		1700

SCINT (3):
51218

NORTH TRENCH WALL	
BOTTOM	TOP
GREEN-GREY FINE GRAINED TO AFFINITIC TINGVAITE	
DARK GREY, FINE GRAINED TO AFFINITIC TINGVAITE	
TRANSITION TINGVAITE	
MASSIVE PSEUDO-LEUCITE TINGVAITE	

MAPPING DESCRIPTION AND COMMENTS

THE ROCKS OF TRENCH TIC WERE IN MOST CASES EASIER TO DISTINGUISH RADIOMETRICALLY THAN THEY WERE GEOLOGICALLY. AT NO PLACE IN THE TRENCH WERE THE CONTACTS SHARP, MOST TENDED TO BE GRADATIONAL. THE PRESENCE OF MUD AND WATER ON THE TRENCH WALLS FURTHER COMPLICATED THE PROBLEM.

THE TRENCH STARTS IN MASSIVE PSEUDO-LEUCITE TINGVAITE. AT 6M THIS GRADES INTO A TRANSITIONAL TINGVAITE, WHICH IS FINE GRAINED AND DARKER GREY BUT WHICH STILL HAS THE PSEUDO-LEUCITE PHENOCRYSTS. IN THE MASSIVE P.L.T. NO URANIUM MINERALS OR SULFIDES WERE SEEN; HOWEVER LIMONITE WAS PRESENT ON SOME FRACTURES. THE TRANSITION TINGVAITE HAS MINOR PYRITE AND HEMATITE STAINS IN ADDITION TO THE LIMONITE.

THE TRANSITION TINGVAITE GRADES INTO THE SAME DARK GREY, FINE GRAINED TO AFFINITIC, DENSE TINGVAITE THAT POSSES THE BEST VALUES IN TIA. THIS UNIT GAVE BY FAR THE BEST SCINT RESULTS. AS WAS THE CASE IN TIA SOME MINERALIZED FRACTURES GAVE DISCEPTIVELY HIGH SCINT READINGS; HOWEVER THE 10K ZONE IN THIS TRENCH WAS REMARKABLY FREE OF HEMATITIZED, YELLOW STAINED FRACTURES. IT WAS CHARACTERIZED INSTEAD BY THE DARKEST, DENSEST ROCK IN THE TRENCH. THIS UNIT CONTAINED SEVERAL MINERALS ON FRACTURES: LIMONITE AND HEMATITE STAINS WERE FREQUENTLY ACCOMPANIED BY YELLOW AND GREEN URANIUM STAINS. LESS VISIBLE, BUT MORE IMPORTANT, WERE THE FRACTURES WHICH CONTAINED A BLACK MINERAL PRESUMED TO BE PITHELMENDE. IT IS ASSUMED THAT URANIUM MINERALS ARE ALSO DISSEMINATED, AS SOME ROCKS WITH NO VISIBLE MINERALIZATION GAVE EXCELLENT SCINT RESPONSE ALSO OCCURRING ON FRACTURES WERE MINOR AMOUNTS OF PYRITE, HEMATITE, GALENA, AND PURPLE FLUORITE.

AT APPROXIMATELY 5M THE ROCK GRADES INTO A RADIO-METRICALLY WEAK UNIT DISTINGUISHABLE FROM THE MINERALIZED ROCK BY A DISTINCTIVE DARK GREEN AS OPPOSED TO A DARK GREY COLORATION WHEN MOIST. LIKE THE MINERALIZED ROCK THIS UNIT TENDED TO BE AFFINITIC. IT ALSO WEATHERED SLIGHTLY MORE RESISTANTLY AND WAS LESS GOSSANOUS. MINOR CALCITE WAS PRESENT AT THIS CONTACT. THE MINERALIZED ROCK APPEARED TO DIP UNDER THIS UNIT; BUT THIS WAS DIFFICULT TO PROVE ABSOLUTELY. THE ANGLE OF THIS DIP LOOKED TO BE 60° N.

THE ROCK IN THIS TRENCH WAS QUITE HIGHLY FRACTURED COMPARED TO THE SURROUNDING ROCKS; HOWEVER IT WAS NOT NEARLY SO FRACTURED AS TIC6 OR THE LOWER END OF TIC1. THE STRONGEST FRACTURE PLANES WERE: STRIKE 20° DIP 60°W; STRIKE 80° DIP 75°S; STRIKE 150° DIP 40°; AND STRIKE 100° DIP 20°S. COUNTLESS MINOR FRACTURES WERE ALSO PRESENT. BOTH OPEN AND CLOSED FRACTURES WERE PRESENT.

THE TRENCH WAS SAMPLE RADIOMETRICALLY WITH SCINT 3 SERIAL NUMBER 51218 HELD 50 CM FROM THE TRENCH BOTTOM AGAINST THE WALL OF THE TRENCH. THE CHIP SAMPLES WERE TAKEN UNIFORMLY FROM THE WALLS OF THE TRENCH IN PANELS 1 METER LONG AND .5 METER HIGH. A LARGE PLASTIC BAG WAS COLLECTED FROM EACH PANEL.