

JUNE 15/81

K5-10

RECONNAISSANCE IN MENATATULIN  
MOUNTAIN RANGE WITH LARRY  
DICK

842684

KSTI-70 - LANDED ON RUSTY KNOB  
SOUTH OF NATLIN MOUNTAIN.

ALTERED QUARTZ-CARBONATE ROCK  
WITH CHALCEDONY VEINLETS, MUGGY  
QUARTZ, FUCHSITE? ROCK & ROLL  
ROCKS (FOUND BECAUSE LARRY GOT  
LOST) SAW PYRITE (LITTLE BIT)

PRECURSOR TO QUARTZ-CARBONATE  
APPEARS TO HAVE BEEN  
SERPENTINITES (FUCHSITE?, CHROMITE?)

KSTI-71-72 - ~~10~~ MORE SAMPLES  
SOME WITH PYRITE.

KSTI-73 - SAME STUFF ABOUT  
200 METRES SE.

KSTI-74 - SOIL SAMPLE ON  
ALTERED SERPENTINITES (QUARTZ-  
CARB ROCK)

C-HORIZON ORANGE-BROWN

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KST1-75, 76, 77 (soil)

- More  $qtz$  carb - fuchsite in ultramafics. Lots of vuggy cavities lined with  $qtz$  crystals in cockade structure. Sample has also been brecciated.

KST1-78 - RUSTY WEATHERING GREEN-BROWN ULTRAMAFIC. DARK RECTANGULAR CRYSTALS (PIROXENE?)

LOCATED LOTS OF RUSTY ZONES NORTH OF YETH CREEK FROM THE AIR. LOOKS LIKE GOOD PLACE TO START TRAYS IN THIS AREA.



SUMMARY JUNE 15/81

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CHECKED OUT CACHE CREEK GROUP ROCKS IN THE MENATATULIN RANGE NEAR NAHLIN MOUNTAIN. LOCATED SOME VERY INTERESTING ALTERATION OF SERPENTINITES; MOSTLY WHITE BANDED CHALCEDONY AND SOME SPARRY CALCITE. THE QUARTZ-CARBONATE ROCK IS VUGGY AND RUSTY WEATHERING, SOME SAMPLES SHOWED COILABLE STRUCTURE AND EVIDENCE OF MULTIPLE INTRUSIONS OF QUARTZ VEINS. SOME SAMPLES ALSO HAD A BRECCIA TEXTURE INDICATING TECTONISM AFTER INITIAL ALTERATION.

SOME NICE MINERALS INCLUDED PYRITE, FUCHSITE, MALACHITE?, GREEN GLASSY MINERAL (H<sub>2</sub>O). LOOKS FAVOURABLE FOR GOLD MINERALIZATION OF THE MOTHERLODE, CMLF, VARIETY. ALTERATION IS POSSIBLY LOCALIZED ALONG CONTACTS WITH THE SERPENTINITE AND LIMESTONES. PROSPECTING SHOULD BE PRETTY STRAIGHT-FORWARD AS THE QUARTZ-CARBONATE ZONES SHOW UP AS BRIGHT ORANGE GOSSANS WHICH ARE QUITE DIFFERENT THAN THE DULL RED-ORANGE SERPENTINITES.

ROCKS LOOK REALLY GOOD, SHOULD HAVE HIGH GOLD POTENTIAL.