

JUNE 12/81

N/I. KS-14

842682

HOPPED OVER TO BC 5615-234 } T-23  
EXTENSION OF QUARTZ-CARB-SERP  
ZONE AT Δ 103 104

KST1-130 - CHALKY WHITE OPALE?  
AND BANDED GREEN CHALCEDONY

FORM REPLACEMENT BODIES IN

(C/C) SERPENTINE. SILICA IS VERY  
RESISTANT TO WEATHERING AND  
FORMS TALL SPIRES IN GREEN  
SERPENTINE NO SULPHIDES NOTED.

T-23, 234

KST1-131 - SOIL

10<sup>+</sup> CM DARK BROWN TO GREEN  
ORGANICS - B-HORIZON QUARTZ-  
CARB-SERP HOST. T-23, 234

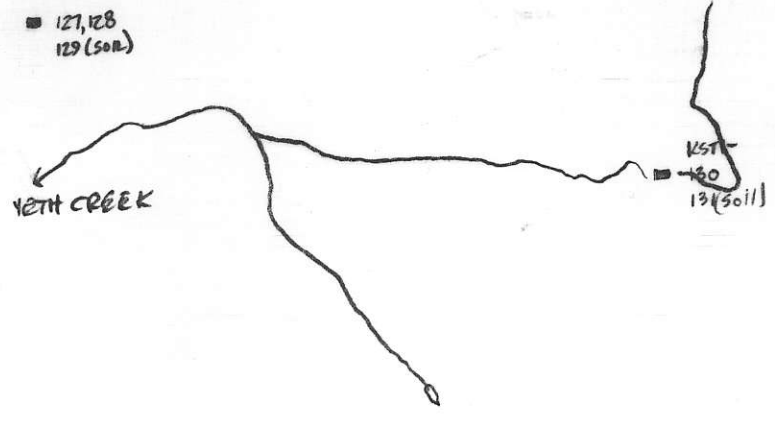
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WSD-029997  
ALTITUDES  
100/40 N

Project	TULSEQUAH	NTS	104 K	Scale	1" = 4 MILES	Page	1	of	1	Traverse	K5-14
Sampler	KEN SHANNON	Location, Target (words)				REGIONAL PROSPECTING		Sample Nos			
Date	JUN 19/81	FOR AN IN MENA TATULINE MOUNTAINS ALONG				NARROW THRUST FAULT.		photo no. 1-250, 000 104 K			
						Cert. Nos					

SANDSTONE SILTSTONE  
 CONGLOMERATE  
 VOLCANIC  
 SPECIMEN SITE A.B...: DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 CHERT  
 WATER O  
 SHALE  
 PAN Δ  
 ROCK ■  
 SOIL ●  
 SILT X  
 LIMESTONE DOLOMITE  
 INTRUSIVE  
 GOSSAN, MINERALS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED.....



KING SALMON LAKE

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

SUMMARY JUNE 19/81

KS-14

AFTER MORNING IN ATLIN SENDING OFF LARRY DICK, I RETURNED TO THE MENA-TATULIN MOUNTAINS AND EXAMINED SOME MORE GOSSANS ALONG THE NAHLIN THRUST FAULT. FIRST, NEAR HARDLUCK PEAKS WAS AN ALTERED QUARTZ-CARBONATE-FUCHSITE ROCK WHICH HAD VARIETY OF HABITS. ONE WAS A BROWN CHALCEDONY BRECCIA WITH CLASTS OF QUARTZ-CARBONATE; THIS ROCK WAS CUT BY LATE STAGE GRAY CHALCEDONY STRINGERS INDICATING SEVERAL STAGES OF SILICIFICATION (AT LEAST THREE). ALSO AT SAME OUTCROP WAS USUAL BANDED RUSTY QUARTZ-CARBONATE SOME OF WHICH HAD BLACK CRYSTALLINE MINERAL (CHROMITE?).

FURTHER EAST NEAR SHARP NORTH BEND IN YETH CREEK WAS QUARTZ-CARBONATE ROCKS WHICH ALSO HAD VARIETY OF HABITS. SOME WAS PURE WHITE CHALKY CHALCEDONY, ALSO PRESENT WAS GREEN BANDED CHALCEDONY AND GRAY LATE STAGE CHALCEDONY STRINGERS. THE USUAL LAYERED QUARTZ-CARB RUSTY WEATHERING ROCK IS ALSO COMMON.

THERE IS A WIDE RANGE OF TEXTURES AND COMPOSITIONS IN THESE QUARTZ-CARBONATE ROCKS, PERHAPS SOME VARIETIES WILL BE RELATED TO GOLD MINERALIZATION. THE FELDSPAR PORPHYRY THAT TERRY Z WAS WORKING ON TODAY AT NICKEL CREEK IS A LOGICAL SOURCE FOR AU FLUIDS.