

842681

JUNE 24/81 RS-17 OVERCAST

SW OF NAHLIN MOUNTAIN ON SMALL
RIDGE OF QUARTZ CARB ALTERATION

KST1-155 - ON PHOTO BC 5616-178
QTZ-CARB RUSTY WEATHERING IN
SERPENTINITES. ZONES ARE IRREGULAR
(o/c) AND WIDELY SPACED BUT SEEM TO
FOLLOW TRENDS. SAMPLED BOTH
ALTERED SERP. AND MASSIVE
QUARTZ AND CHALCEDONY VEINS
UP TO 7 CM THICK.

(o/c) KST1-156 - MORE OF SAME, INCLUDING
AN EARTH LOOKING CHALCEDONY
(OPAL?)

MOVED OVER TO PHOTO

(o/c) KST1-157 - HIGHLY SILICIFIED QTZ-
CARB WITH FUCHSITE AND SERPENTINITE
REMANENTS. ROCK IS LACED WITH
GRAY WHITE AND SOME RED CHALCEDONY
STRINGERS. NO SULPHIDES NOTED

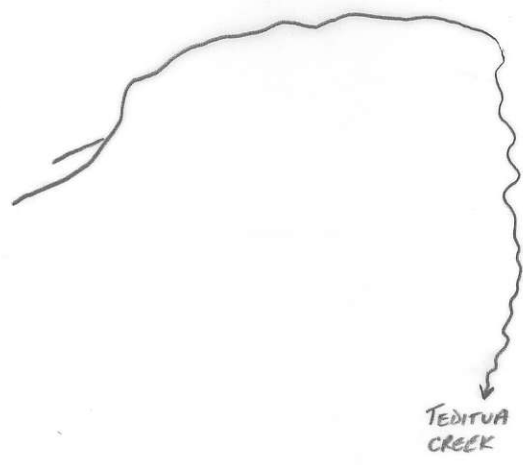
(o/c) KST1-158 - MORE FUCHSITE-QTZ-
CARB ROCK, RUSTY WEATHERING. NOT
MUCH CHALCEDONY STRINGERS. ONE
ZONE IN OUTCROP HAD BLACK WEADRITIC
MINERAL (WAD?). NO SULPHIDES

BC116662-0-5M
ATTITUDES
100/40 N

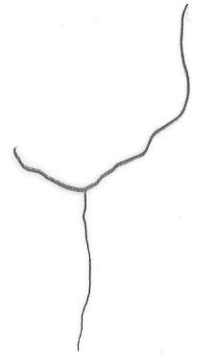
Project	TULSEQUAH	NTS	10A K	Scale	1" = 1/2 MILE	Page	1 of 2	Traverse	KS-17
Sampler	KEN SHANNON JOHN HANWYTHORNE	Location, Target (words)			GOSSAN ON RIDGE TO EAST OF TEDITUA CREEK		Sample Nos		
Date	JUNE 24/81	photo no.			BC 5616-177		Cert. Nos		

- GOSSAN, MINERALS
- INTRUSIVE
- LIMESTONE DOLOMITE
- SILT X SOIL
- SHALE
- CHERT
- CONGLOMERATE
- VOLCANIC
- SANDSTONE SILTSTONE
- WATER O
- ROCK
- PAN
- PAVING
- TRAILS, GOSSANS, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED
- INFERRED
- ASSUMED

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



OFF-CARB ZONE
SERP
KST1-155,156



ASSAY: GEOCHEM: Cu Mo Pb Zn U W

SUMMARY FOR TRAV ON JUNE 24/80

KS-17

IN MORNING STOPPED ON GOSSAN JUST TO SOUTH OF NAHLIN MT NEAR WHERE LARRY DICK AND I SAMPLED PREVIOUSLY. THE QUARTZ-CARBONATE ALTERATION WAS WEAK AND SPOTTY BUT TRENDED ALONG NAHLIN FAULT STRIKE. ROCKS REALLY DIDN'T LOOK THAT GOOD.

THEN STARTED TRAV ALONG LINE OF GOSSANS BEHIND RIDGE TO NORTH OF TULIN LAKE. THE GOSSANS WERE QUARTZ-CARBONATE BODIES WHICH LAY ALONG THE TRACE OF THE NAHLIN FAULT. ALTERATION OF SERPENTINITES SEEMED TO BE THE CAUSE OF MOST OF THE QUARTZ-CARB. AS USUAL TEXTURES AND MINERALOGY OF THE QUARTZ-CARB WERE EXTREMELY VARIED. AT EACH O/C A SAMPLE OF MAJOR QUARTZ-CARB TYPES WAS TAKEN IN CASE AN MINERALIZATION IS ASSOCIATED WITH ONE PHASE OF ALTERATION. SAMPLES WITH A HIGHER NUMBER OF GENERATIONS OF CHALCEDONY (3 OR GREATER) RECEIVED SPECIAL ATTENTION. OTHER FAVOURABLE CRITERIA INCLUDED PRESENCE OF SULPHIDES, INTENSE BRECCIATION, FAULT GOUGE AND UGGY CAVITY INFILLINGS.

EXCEPT FOR ONE SAMPLE WITH SOME CHALCOCITE[?], AZURITE, MALACITE POSSIBLY ALONG FRACTURES NO MINERALIZATION WAS NOTED. THE QUARTZ-CARBONATE ROCKS ARE HIGHLY FRACTURED AND TEND TO FORM RUBBLY O/C; IN SPITE OF THIS THEY STILL OUTCROP AS RESISTANT RUSTY KNOBS PROBABLY BECAUSE OF THEIR HIGH-SILICA CONTENT. (O/S) NO VEGETATION GROWS ON THE TALUS SLOPES FROM THE GOSSANS FORMING PROMINENT KILL ZONES.

W