

JUNE 18/81

K5-13

SUNNY

840611

WORKING WITH LARRY DICK ALONG  
NAHLIN FAULT IN VICINITY OF  
HARDLUCK AND PERIDOTITE PEAKS.

KST1-103 - LOOKING AT SOME QUARTZ  
CARBONATES NEAR HEADWATERS OF  
YETH CREEK IN AREA OF SMALL LAKES.

(TALUS) QUARTZ-CARB ROCKS ARE BRIGHT ORANGE  
WEATHERING WITH EVIDENCE OF AT  
LEAST TWO STAGES OF QUARTZ VEINING  
ALSO LOTS OF BRECCIATION. WHITE  
QUARTZ FORMS VEINS UP TO 0.2M  
ACROSS. [T23-233] SAMPLED QTZ

KST1-104 - JUST QTZ-CARB  
(TALUS) WITH SOME BLACK SPECIES (CHROMITE?)  
BRECCIATED.

KST-105 - SILT AT BASE OF  
TALUS.

WIDTH 0.5M FLOW #2 MED BROWN  
COARSE GRAINED, ALONG NAHLIN  
FAULT.

HOPPED WEST ONTO PHOTO T23-  
235. AT CONTACT OF SERPENTINITE  
AND ALTERED INKWIN. FM.

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(O/C) KST1-106 - PYRITIC RUSTY INCLIN SANDSTONES NEAR CONTACT WITH SERP. BEDS ARE WARPED AROUND BY THRUST FAULTING. PYRITE OCCURS AS DISSEM. AND SMALL BOJAS T23-236

(O/C) KST1-107 - SMALL BLACK SHALE BEDS ALL GRIND UP BY FAULTING, USUALLY < 0.5M INTERBEDDED WITH SST. GRABBED SAMPLE OF SHALE TO RUN FOR Pb-Zn T23-236

T23- KST1-108 - SILT  
236 WIDTH = 2M FLOW = 4 DARK BROWN  
MED GRAINED. SERP-INCLIN CONTACT

T23- KST-109 - SILT  
236 WIDTH = 5M FLOW = 3 DARK BROWN  
MED GRAINED YETH CREEK

T23- KST-110 - SILT  
236 WIDTH = 1.5M FLOW = 3 DARK BROWN  
MED ~~GRAINED~~ GRAINED

[STILL ON SC 5615-236 (T23)]

T23- KST1-111 - SILT  
236 WIDTH = 3M FLOW = 23 DARK BROWN  
MED GRAINED T-23, 236

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WENT UP CREEK AT KSTI-111

KSTI-112 - SILICIFIED SEDIMENTS  
WITH VEINS OF CHALCEDONY AND  
(FLOAT) PYRITE WITH ABUNDANT GRAY COPPER.  
T23- VEINS UP TO 3 CM WITH OVER  
236 50% SULPHIDES WERE NOTED.

KSTI-113 - ALMOST COMPLETELY  
SILICA (WHITE TO GRAY CHALCEDONY)  
(FLOAT) WITH ABUNDANT DISSEM PYRITE ~ 10%  
LOOKS LIKE GOOD GOLD HOST. T23-236

KSTI-114 - GRAY PYRITIZED FELDSPAR  
PPY? ROCK IS SO ALTERED HARD TO  
(FLOAT) TELL WHAT ORIGINALLY WAS. (HAND  
SPEC. ONLY) T23-236

KSTI-115 - SILT.  
WIDTH = 2M FLOW = 5 MED BROWN  
COARSE GRAINED AT CONTACT OF  
INKLIN AND SERP. T23-236

KSTI-116 - ON HILLS ABOVE AT  
CONTACT OF INKLIN WITH SERP.  
(O/C) RUSTY O/C IS GRAY FELDSPAR  
PPY VERY FELSIC WITH ABUNDANT  
DISSEMINATED PYRITE (5%)  
NICE STUFF FOR AU T23-236

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KST1-117 - SILT

WIDTH = 2M FLOW = 9 MED BK  
COARSE 1' SAME AS 116" T23-236

KST1-118 - SILT

WIDTH = 2M FLOW = 4 MED BROWN  
MED GRAINED - AT CONFLUENCE WITH  
YETH CREEK. T23-236

KST1-119 - SILT

WIDTH = 2M FLOW = 3 MED BROWN  
MED GRAINED - AT YETH CREEK  
[ON PHOTO BC 5615-237, T-23]

KST1-120 - ABUNDANT RUSTY QUARTZ-  
CARBONATE. SAMPLED ZONE WITH MANY  
(O/C) CROSS-CUTTING QUARTZ VEINS OF AT  
LEAST TWO GENERATIONS (ONE MILKY,  
ONE CLEAR) ON PHOTO BC 5616-029 (T23)

KST1-121 - WHITE SILICEOUS FELDSPAR  
(O/C) PKY WITH 1% PYRITE. VERY QZ  
-029 RICH ONLY A FEW FELDSPARS.

KST1-122 - SILT

FLOW = 3 WIDTH = 4M MED GRAINED  
DARK BROWN - AT YETH CREEK

PHOTO T23-238

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KST1-123 - SILT

WIDTH = 2M FLOW = 4 DARK BR-GREEN  
FINE GRAINED LIDS SERP FLOAT

[T-23 - 239]

KST1-124 - SILT

F23  
239  
WIDTH = 3M FLOW = 4 MED BROWN  
MED GRAINED AT VETH CR.

KST1-125 - HARD TO TELL WHAT IT IS  
BUT SEEMS TO BE EXTREMELY RUSTY

(O/C) PYRITIC SILTSTONE. BECAUSE OF DARK  
BROWN COLOR ITS HARD TO ESTIMATE  
HOW MUCH PYRITE IS PRESENT.

[T-23, 239]

KST1-126 - SILT

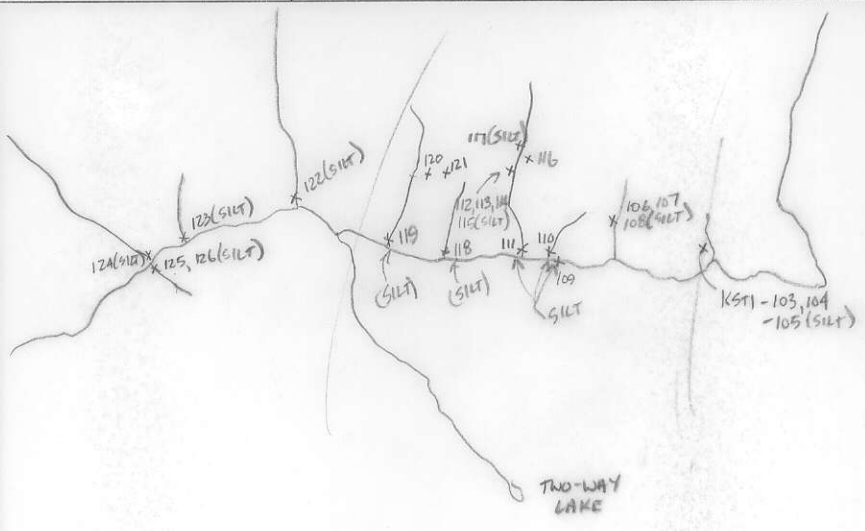
WIDTH = 2M FLOW = 3 DARK BR-GREEN  
COARSE GRAINED AT VETH CR  
ON SWTH SIDE. T23-239

END OF DAY

WSP 26999-11-10  
ATTITUDES  
(100/40 N)

Project <b>TULSEQUAH</b>	NTS <b>104 K</b>	Scale <b>1" = 4 MILES</b>	Page <b>1</b> of <b>1</b>	Traverse <b>K5-13</b>
Sampler <b>KEN SHANNON</b> <b>LARRY DICK</b>	Location, Target (words) <b>DOING CHECK FOR TRAVS ALONG NAHLIN FAULT.</b>		Sample Nos <b>(KST1-106-121)</b>	
Date <b>JUNE 18/81</b>	photo no. <b>104 K (4 MILE)</b>	Cert. Nos		

SANDSTONE SILTSTONE  
 CONGLOMERATE  
 VOLCANIC  
 SPECIMEN SITE A, B, ...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS  
 CHERT  
 WATER  
 SHALE  
 PAN  
 ROCK  
 SOIL  
 SILT  
 INTRUSIVE  
 LIMESTONE DOLOMITE  
 GOSSAN MINERALS  
 DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED - - - ASSUMED.....



.5510



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

SUMMARY JUNE 18/81

KS-13

LOOKED AT GOSSANS ALONG NAHLIN FAULT TODAY WITH LARRY DICK. FOUND SOME NEAT GEOLOGICAL ENVIRONMENTS:

1. INKLIN SEDIMENTS ADJACENT TO THE NAHLIN FAULT ARE ALTERED AND PYRITIZED AS WELL AS BEING FOLDED AND FRACTURED. THEY LOOK LIKE GOOD HOST ROCKS FOR REPLACEMENT MINERALIZATION.

2. RIGHT ALONG THE NAHLIN THRUST FAULT ARE SILLS OF KAOLINIZED FELDSPAR PORPHYRY. THIS ROCK IS VERY SILICEOUS AND CARRIES UP TO 10% DISSEMINATED PYRITE LOCALLY. THESE TERTIARY INTRUSIVES ARE FAVOURABLE INDICATORS OF AU MINERALIZATION.

3. ALTERED QUARTZ-CARBONATE ZONES WITH MULTIPLE GENERATIONS OF QUARTZ-VEINING ARE COMMON AS REPLACEMENT BODIES IN THE CACATE CREEK GROUP ROCKS. THESE ROCKS ARE ASSOCIATED WITH AU DEPOSITS IN CALIFORNIA (MOTHERLODE) AND PRESENT SIZEABLE TARGETS IN THIS REGION.

THE POTENTIAL FOR DEPOSITS OF AU MINERALIZATION IN THIS REGION CERTAINLY IS GOOD, SO DETAILED SAMPLING OF THE ABOVE THREE ENVIRONMENTS WILL BE UNDERTAKEN.