

JUNE 23/81

K5-16

RAINY + CLAGGY

WORKING IN CREEK TO SOUTH OF HARLUCK PEAKS EXAMINING QUARTZ CARBONATE ZONES IN SERPENTINITE.

KST1-149 - QTZ-CARB ZONE ABOUT 50 M LONG AND A FEW WIDE.

(o/c) MOSTLY ORANGE CARBONATIZED SERPENTINE IN A MATRIX OF WHITE AND GRAY CHALCEDONY. NO SULPHIDES

840595

JHT1-164 - SOIL ON KST1-149

C-HORIZON NO ORGANICS 4CM DEPTH
RED-BROWN STEEP SLOPE

IN SMALL GULLY BETWEEN MAIN CENTRAL CANYON AND ONE TO EAST. GOING DOWN TO MAIN CANYON.

JHT1-165 - SOIL

C-HORIZON NO ORGANICS 4CM-DEPTH
RED STEEP-SLOPE [ON QTZ-CARB ZONE]

JUST BELOW SMALL WATERFALLS
TOOK SILT

JHT1-166 - SILT

WIDTH = 0.25 M FLOW = 4

COLOR: GRITTY BLACK

MED - GRAINED

SERP. HOST

KS-16
TULSEQUAH

KEN SHANNON

JUNE 23/81

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ABOUT 50 M DOWN CREEK

KST1-150 - ALTERED LIGHT GREEN

(O/C) SERPENTINITE WITH STRINGERS OF
CHALCEDONY FUCHSITE? AND HEMATITE
STAINED FRACTURES.

JUST PAST THIS STATION SAMPLED
BRIGHT GREEN FUCHSITE SOIL.

JHT1-167 - SOIL

COLOR GREEN SLOPE = STEEP

DEPTH = 4 CM NO ORGANICS

C-HORIZON

AROUND CORNER IN STREAM AND
UP ON EAST BANK.

KST1-151 - GOUGE ZONE IN
SERPENTINE ABOUT 25 CM WIDE.

(O/C) APPEARS TO BE MOSTLY FUCHSITE
AND RUSTY MATRIX. SOME CHAL-
CEDONY VEINS ABOUT 1 CM IN
FAULT ZONE. TO SOFT FOR HAND SPEC.

KST1-152 - PYRITIC ZONE IN
(O/C) GREEN ROCK (IDENTITY UNKNOWN) LOOKS
LIKE LOCALIZED MINERALIZED AREA.

JHT1-168 - SOIL

RED 3 CM STEEP SLOPE

NO ORGANICS SERPENTINE HOST

C-HORIZON

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KSTI-153

LITTLE FURTHER DOWN STREAM

FOUND O/C OF WHAT MAY BE

BRECCIATED SERPENTINITE. IT IS

(O/C) CROSS-CUT BY VEINS OF PYRITE,
CHALCOCITE? MALACHITE, AZURITE, MAGNETITE
NATIVE COPPER? AND QUARTZ WHICH ARE
UP TO 5 CM ACROSS.

KSTI-153a - SAMPLE SHOWING NATIVE
COPPER?

JHTI-169 - SILT

FLOW #3 1 METER-WIDE

MED-COARSED GRAY

JHTI - 170, 171

- SILTS TAKEN AT JUNCTION
OF CREEKS

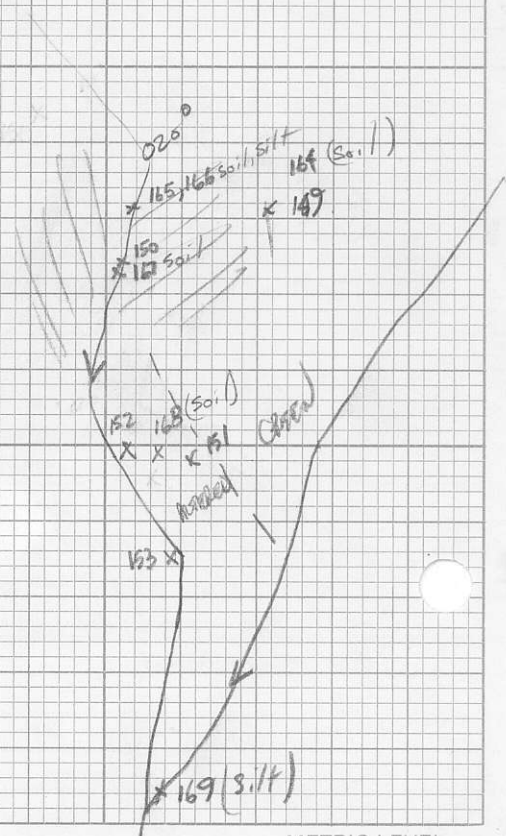
KSTI-154 - SAMPLE OF STUTTINI
VOLCANICS WITH CHALCEDONY VEINLETS
AND MALACHITE ON FRACTURE SURFACES

(O/C) ALL THE STUTTINI ROCKS IN THIS
BRANCH OF THE CREEK ARE HIGHLY
SHEARED AND BRECCIATED.

MOST ARE DARK GREEN, BLACK AND
RED VOLCANICS.

JHTI-172 - SOIL AT SAME LOCATION

- END OF TRAV.

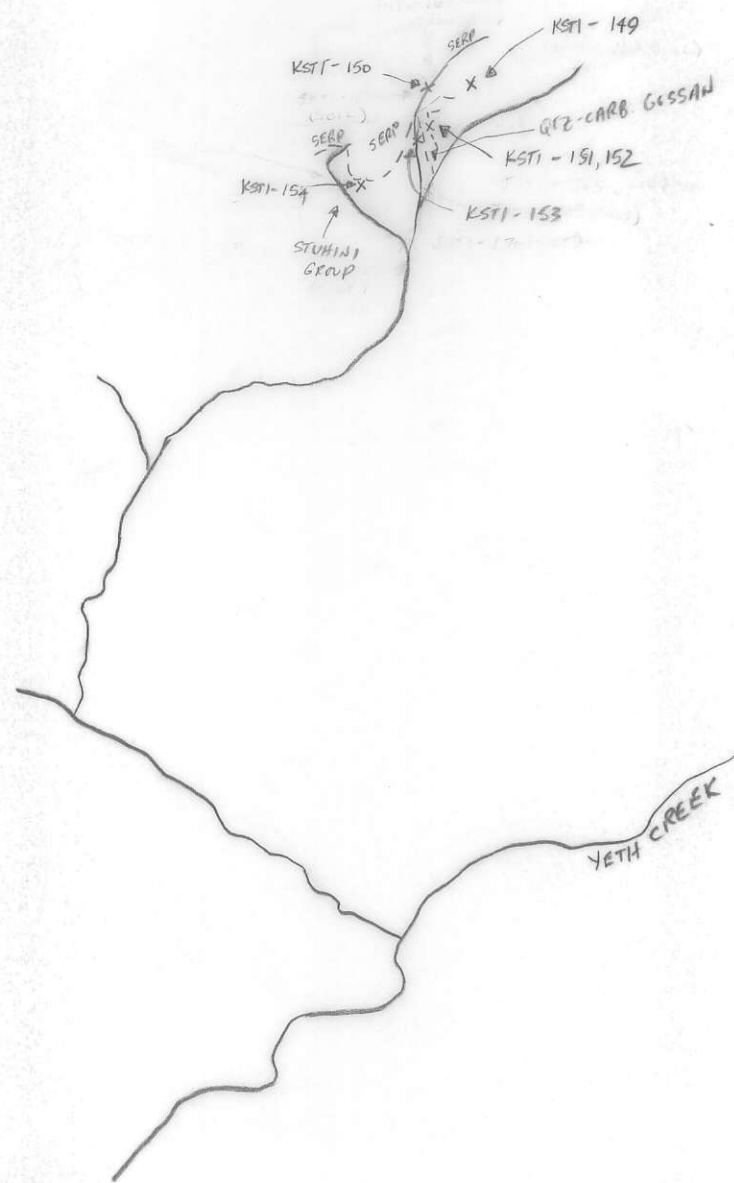


WCS-0-02822a-000/40 N

Project TULSEQUAH	NTS 104K	Scale 1" = 1/2 MILE	Page 1 of 1	Traverse K5-16
Sampler KEN SHANNON JOHN HANTHORNE	Location, Target (words) CONTACT OF SERPENTINITE AND STUHINI GROUP		Sample Nos KSTI-149-154	
Date JUNE 23/81	photo no. BC 5616 - 020		Cert. Nos	

- GOSSAN MINERALS
- INTRUSIVE
- LIMESTONE DOLOMITE
- SOIL
- ROCK
- SHALE
- CHERT
- WATER
- PAN
- SHALE
- CONGLOMERATE
- VOLCANIC
- SPECIMEN SITE
- SANDSTONE SILTSTONE
- ATTITUDES

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



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

TRAV SUMMARY, JUNE 23/81

K5-16.

TODAYS ORIGINAL TRAV PLANNED FOR GOSSANS SOUTH OF HARLUCK PEAKS WAS ABANDONED BECAUSE OF LOW CLOUDS. IN PLACE A TRAV DOWN SOME CREEKS WITH THE QUARTZ-CARB ALTERATION IN SERPENTINITES WAS DONE.

THE RUSTY QUARTZ-CARB ROCKS WERE OF USUAL TYPE WITH ABUNDANT CHALCEDONY VEINLETS AND MALPOSITE. VERY LITTLE SULPHIDES WERE SEEN IN THE QUARTZ-CARB. NEAR KSTI-153 FOUND PYRITE-QUARTZ VEINS UP TO 5 CM THICK IN A SHEARED MAFIC VOLCANIC? ROCK. THE VEINS HAD MASSIVE PYRITE, CHALCOCITE?, MALACHITE, AZURITE AND LOOKED GOOD.

IN A BRANCH CREEK SOME RUSTY STUHNI VOLCANICS WITH MALACHITE ON FRACTURE SURFACES WERE SAMPLED. THE STUHNI ROCKS IN THIS FAULT ZONE ARE COMPLETELY BRECCIATED AND BROKEN AND CROSS-CUT BY NUMEROUS SMALL CALCITE AND CHALCEDONY VEINLETS.

EXCEPT FOR THE QUARTZ-PYRITE VEINS AT KSTI-153 THE ROCKS DID NOT LOOK PARTICULARLY GOOD TODAY, ALTHOUGH THE FUCHSITE SHEAR ZONES IN THE ULTRAMAFIC SHOULD PRODUCE SOME GOLD (GOOD VIBRATIONS.)