

JULY 25/81

KS-30

RAIN

842679

IN MAJOR CREEK DRAINING
SOUTH FROM HARLUCK PEAKS TO
16TH CREEK. CROSSING THROUGH
SECTION OF STUHNI ROCKS

(o/c) KSTI-319 - TYPICAL SHEARED
DARK GREEN STUHNI VOLCANICS
ABUNDANT WHITE STRINGERS OF
WHAT SEEMS TO BE A POWDERY
ZEDLITE. INTENSE SHEARING HAS
OBLITERATED ALL ORIGINAL TEXTURES
AND THE ROCK IS MAINLY ROUNDED
UN-SHEARED ROCKS IN A SHEARED
MATRIX.

(o/c) KSTI-320 - MORE SHEARED
VOLCANICS DARK GREEN COLOUR.
RED HEMATITE IN FRACTURES LOCALLY.
SOME STEEP QUARTZ-CALCITE
VEINS (SEVERAL CM WIDE) CUTTING
THROUGH o/c. THESE VEINS ARE
FAULTED AS WELL. IN SOME
PLACES THE o/c FORMS LARGE
ROUNDED BOULDERS OF
RELATIVELY UN-SHEARED ROCK
IN A SHEARED MATRIX. NO
SULPHIDES OBSERVED

BEDDING IN LMST AT CREEK

$090^{\circ}/20^{\circ}S$

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ABOUT 100 M DOWNSTREAM.

KST1-321 - BAND OF UNSHEARED
VOLCANICS. VERY MAFIC DARK
GREEN WITH TRACE DISSEM PYRITE.

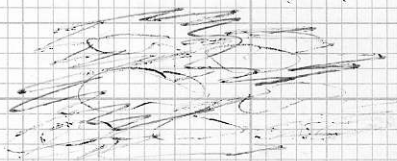
(o/c) o/c IN AREA ARE CROSS-CUT
BY MANY CALCITE STRINGERS. ROCK
LOOKS LIKE FLAS WITH GREEN
FELDSPARS

KST1-322 - AREA OF
SHEARED STUFFING ABOUT 2-3 M
WIDE WITH SOME QUARTZ-CALCITE
VEINS AND LOCAL DISSEM PYRITE.
ROCK IS DARK GREEN. JUST
AROUND CORNER FROM LAST SAMPLE

JUST DOWNSTREAM A LITTLE

KST1-323 - PYRITIC QUARTZ
VEIN IN SHEARED STUFFING ROCKS
(o/c) VEIN IS ABOUT 5 CM WIDE AND
HAS VARIABLE PYRITE CONTENT,
USUALLY LOW.

AT JUNCTION OF LITTLE STREAM
COMING IN FROM NORTH.



TYPICAL
TEXTURE

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(o/c) KST1-324 - SHEAR ZONE
CUTTING ACROSS o/c. RUSTY WEATHERING
WITH PODS FINE-GRAINED PYRITE.
DIDN'T ACTUALLY SEE ANY QTZ BUT
LOOKED LIKE VEIN.

DOWN CREEK IN AREA OF BIG
CLIFFS UPSTREAM FROM NEXT
BIG CREEK JUNCTION.

(o/c) KST1-325 - MORE SPATHY ROCKS
SOME LOOK QUITE ANDESITIC - LIGHT
BROWN-GREEN. SAMPLED SMALL
RUSTY PATCH WITH QTZ VEINS
ABOUT 1M DIAMETER. QUITE
PYRITIC LOCALLY - LIMITED EXTENT
TO o/c.

(AT) KST1-326 - UP CREEK COMING
IN FROM NORTH. FOUND SILICIFIED
BRECCIA FLOAT IN CREEK. ROCKS
LOOK SIMILAR TO DIATREME UNITS
ON NICKEL CREEK. MOST OF
THE CLASTS LOOK LIKE FELSIC VOLC.
AND FELDSPAR PPY. PYRITE IS PRESENT
AS RARE SPECKS IN MATRIX AND
ABUNDANT IN SOME CLASTS.
ALSO SAW SAMPLE WITH LATER
STAGE PPY DYKE CUTTING THROUGH. FOUND
ONE SAMPLE WITH QTZ-PYRITE-CHALCO VEIN
0.5 CM WIDE.

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KST1-327 - RUSTY QTB-PYRITE
BRECCIA ZONE 105 STATION

(46)

SILICIFIED GREEN CLASTS ARE
IN A CARBONATE MATRIX. TRACE
OF PYRITE OVER ZONE 1-2 m
WIDE. SEVERAL SEPARATE
ZONES

KST1-328 - FURTHER DOWNSTREAM

(0/c)

ANOTHER RUSTY SILICIFIED CARBON-
ATED BRECCIA ZONE. ABOUT 3-4 m
WIDE WITH RARE SPECKS PYRITE
LOOKS ALMOST LIKE OPEN SPACE
INFILLING IN SOME SAMPLES.

THESE RUSTY ZONES OCCUR
ERRATICALLY AND RARELY IN
THE SECTION. MOST OF THE
ROCK IS RELATIVELY UNALTERED
VOLCANICS.

AT JUNCTION OF NEXT MAJOR
STREAM TOOK SILT IN EACH.

END TRAV

100° / VERT.

TRENDS ON RUSTY PAPERION 70

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|---|--|----------------------------|-------------------------------------|-----------------------|
| Project <u>TULSEQUAH</u> | NTS <u>104 K</u> | Scale <u>1" = 1/2 MILE</u> | Page <u>1</u> of <u>1</u> | Traverse <u>MT-42</u> |
| Sampler <u>KEN SHANNON</u> <u>MIKE THICK</u> | Location, Target (words) <u>STUHINI ROCKS</u> <u>SOUTH OF HARDLUCK PEAKS.</u> | | Sample Nos <u>KST1 - 319 TO 328</u> | |
| Date <u>JULY 25/81</u> | photo no. <u>BC 5616 - 026</u> | | Cert. Nos <u>MTI-295 TO 298</u> | |

SANDSTONE
 SILTSTONE

CONGLOMERATE

VOLCANIC

CHERT

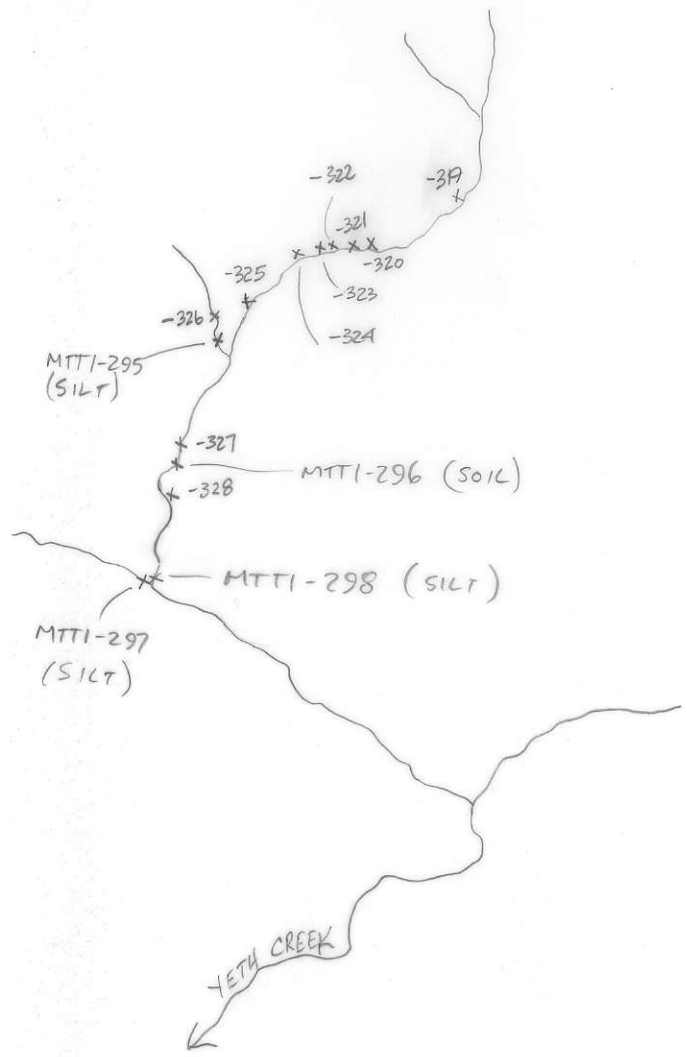
SHALE

LIMESTONE
 DOLOMITE

INTRUSIVE

GOSSAN,
 MINERALS

SPECIMEN SITE A.B...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
 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 JULY 25/81

KS-32

DID SECTION THROUGH THE STUHNI ROCKS ALONG THE NAHLIN FAULT TO THE SOUTH OF HARDLUCK PEAKS. THE STUHNI ROCKS IN THIS REGION ARE HIGHLY FRACTURED AND SHEARED WITH LOCAL ZONES THAT ARE RELATIVELY UNSHEARED. PYRITE IS RELATIVELY COMMON IN THE UNITS AS TRACE DISSEMINATED SPECKS. LOCAL CONCENTRATIONS OCCUR IN QUARTZ-CALCITE-PYRITE ^{BRECCIA} ZONES WHICH WEATHER A RUSTY COLOUR. THESE RUSTY SECTIONS ARE USUALLY ONLY 1 OR 2 METRES WIDE AND OCCUR WIDELY SCATTERED IN THE SECTION, SO VERY HIGH Au-VALUES WOULD BE NEEDED TO MAKE THIS AREA INTERESTING.

ASIDE FROM THE NARROW QUARTZ-CARBONATE-PYRITE ZONES THE ONLY OTHER INTERESTING LITHOLOGY WAS FLOAT IN A SMALL CREEK COMING IN FROM THE NORTH. THIS ROCK WAS A SILICIFIED PYRITIC BRECCIA WHICH LOOKS SIMILAR TO ROCKS IN NICKEL CREEK WHICH WERE MAPPED AS DIATREMES. IF THIS ROCK KICKS IN Au IT SHOULD BE TRACED TO ITS SOURCE AS IT WOULD REPRESENT AN ATTRACTIVE HOST. THE CREEK WITH THIS FLOAT WAS ALSO SILT SAMPLED.