

JUNE 9/81 KST 7 | SUNNY

842652

ON RIDGE TO NE OF SHARP
HAIR-PIN BEND IN KING SALMON
CREEK. AREA IS ALONG TRACE OF
KING SALMON THRUST FAULT.

KST1-38 - RUSTY CALCITE VEINED
LIMESTONE. FORMS PROMINENT HORSBACK
TRENDING NW-SE. LIMESTONE DID NOT
APPEAR INCREDIBLY ALTERED, BUT I
TOOK SAMPLE OF RUSTY CALCITE
VEINED MATERIAL.

RIDGE
KST1-39 - RUSTY SILICIFIED SEDIMENTS?
APPEARS TO BE ALTERED KING SALMON
PERHAPS DOESN'T LOOK LIKE LIMESTONE
WAS PRECURSOR. SOME AREAS LOOK
BRECCIATED.

WENT DOWN TO SMALL CREEK TO
SOUTH ~~WADAIN~~ WHICH DRAINS AREA OF
THRUST FAULT. TOOK SILT
PAT1-69 AND SOIL PAT1-70
HEADING WEST DOWN CREEK TO-
WARDS KING SALMON CREEK.
ABOUT 100M PAST PAT1-70 IS
RUSTY O/C OF LAMINATED SILTSTONE

140° / 50° NE

BEDDING IN SSB -

SILTSTONE

JUNE 9/81

JUST BELOW PATI-71 IS O/C OF TAN SILTSTONE IN CREEK BED. O/C WEATHERS LIGHT RUSTY COLOUR AND IS HIGHLY FRACTURED. CALCITE VEINS ABOUT 0.25-1 CM CUT VERTICALLY THROUGH THE O/C. THE OUTCROP WEATHERS IN A ROUNDED BULBOS MANNER PROBABLY DUE TO CONCRETIONS. CARBONIZED TWIGS AND NUTS? WERE OBSERVED. (NUTS? MAY HAVE BEEN SMALL BIVALVES)

ABOUT 100 M DOWNSTREAM FROM PATI-71 IS O/C OF DARK SILTSTONES AND INTERBEDDED GRAY LIMESTONES. ABUNDANT PECTIN-LIKE SHELLS WERE FOUND IN THE SILTSTONE AND LIMESTONE. ~~also~~ IRREGULAR QUARTZ PYRITE VEINS RAN THROUGH THE O/C PARALLEL TO BEDDING. THE VEINS PINCHED AND SWELLED ALONG STRIKE, BUT WERE USUALLY LESS THAN 1 CM

KSTI-40 - QTZ-PYRITE VEIN MATERIAL IN SILTSTONES. LOOKS LEACHED.

[TAKEN 100 M DOWNSTREAM PATI-71]

JUNE 9/81

JUST DOWN BELOW WATERFALLS
ABOUT 200 M PAST PAT1-72 IS
CONTACT BETWEEN LAMINATED SEDIMENTS
AND GRAY CARBONATE. CONTACT IS
ABOUT 5M WIDE, AND IS MARKED
BY ZONE OF BRECCIATED LMST AND
SILTSTONE WITH COARSE SPARRY CALCITE
FILLING IN FRACTURES. SOME OF THE
CALCITE VEINS WERE BANDED.
ONLY SULPHIDES NOTED WAS A TINY
BIT OF PYRITE; SOME BITUMEN
WAS FOUND IN ONE SAMPLE.

KST1-41 - GRAB SAMPLE FROM
BRECCIA CONTACT ZONE

{ 200 M DOWNSTREAM FROM PAT1-72 }

NOTE: CONTACT MAY BE KING
SALMON THRUST.

ABOUT 150 M PAST PAT1-7B
IS LAMINATED SILTSTONE WITH
PLANT FOSSILS. ALSO FOUND SOME-
THING THAT LOOKS LIKE INOCERAMMUS.

100°/VERT - BEDDING IN SILTSTONE

JUNE 9/81

ABOUT 200 M PAST PATI-74
IS LIMESTONE BRECCIA. CLASTS
ARE AROUND 0.5 TO 2 CM AND
ARE USUALLY LIGHT COLOURED.

LITHOLOGIES LOOK LIKE FINE-GRAINED
SEDS, LIMESTONE AND AMYGDALOIDAL
VOLCANICS? MATRIX IS DARK GRAY
MICRITIC LIMESTONE. THERE IS
A LOT OF GREEN MICA? IN SOME OF
THE CLASTS.

KST1-42 - LIMESTONE BRECCIA
[TAKEN 200 M DOWNSTREAM PATI-74]

THE BRECCIA ZONE APPEARS TO BE
AT LEAST 50 M WIDE THEN IT GOES
BACK TO LAMINATED SEDIMENTS.

PATI-75 IS TAKEN ON SOUTH
BANK JUST PAST BRECCIA ZONE.

STILL IN LAMINATED SST - AND
SILTSTONES AT PATI-76

ENDED TRAV AT PATI-77

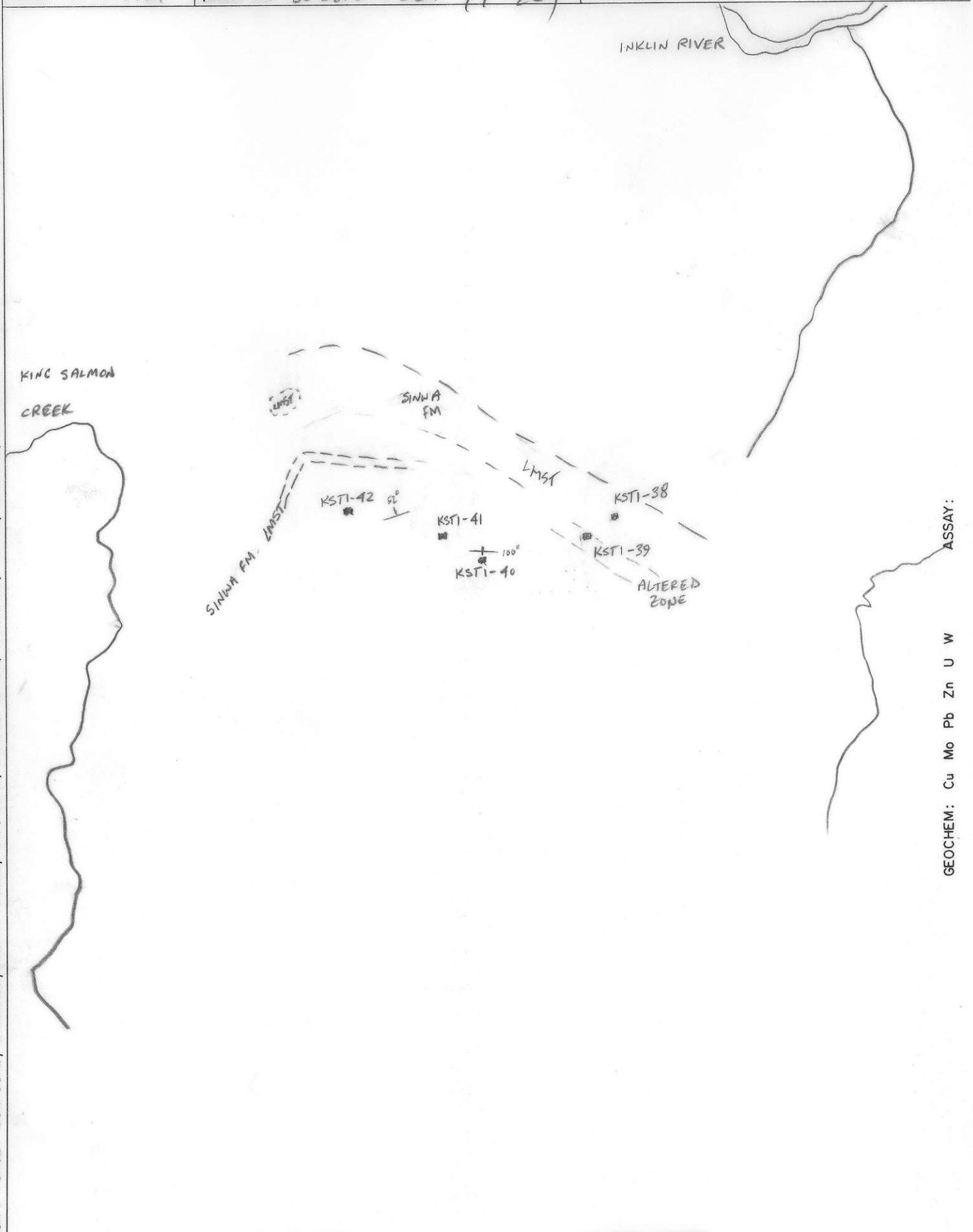
62° / 52° NW - BEDDING IN
SILTSTONES

2999-1111
 ATTITUDES
 100/40 N

Project TULSEQUAH	NTS 104 K	Scale 1" = 1/2 MILE	Page 1 of 1	Traverse KS-2
Sampler KEN SHANNON PAT ANGLE	Location, Target (words) KING SALMON THRUST FAULT, NE OF SHARP BEND IN KING SALMON CREEK		Sample Nos	
Date JUNE 9/81	photo no. BC 5615 - 02A (T-20)		Cert. Nos	

- GOSSAN, MINERALS
- INTRUSIVE
- LIMESTONE DOLOMITE
- SHALE
- CHERT
- WATER
- ROCK
- PAVING
- CONGLOMERATE
- VOLCANIC
- SANDSTONE SILTSTONE
- ATITUDES

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED ---
 SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS



GEOCHEM: Cu Mo Pb Zn U W
 ASSAY:

SUMMARY JUNE 9/81

KST-7

TODAYS TRAV WAS A SECTION THROUGH THE KING SALMON GROUP AND SINWA LIMESTONE. MOST OF THE TRAVERSE WAS SPENT IN KING SALMON FORMATION WHICH IN THIS AREA WAS MAINLY LAMINATED SILTSTONES AND SANDSTONES. THERE IS LITTLE ALTERATION IN THE KING SALMON FORMATION, AND IT APPEARED MOSTLY RELATED TO FAULT ACTIVITY. SEVERAL BRECCIA ZONES UP TO 50M WIDE WERE FOUND ALONG THE CREEK AND ARE PROBABLY FORMED BY SPLAYS OFF THE KING SALMON THRUST FAULT. NO SULPHIDES WERE NOTED IN THE BRECCIAS, BUT GREEN MICA? WAS COMMON (LOOKED VAGUELY LIKE FUCHSITE).

ANOTHER INTERESTING STRUCTURAL FEATURE WAS FOUND NEAR KST1-40. HERE THE ROCKS HAD BEEN FRACTURED PARALLEL TO BEDDING AND QUARTZ-PYRITE VEINS USUALLY ≤ 1 CM WERE INJECTED ALONG THE FRACTURES. NEAR SOME OF THE VEINS THE SILTSTONES HAD A PINK-ORANGE MINERAL WHICH MAY HAVE BEEN SOME KIND OF CARBONATE.

BECAUSE OF THE BIG BRECCIA ZONES AND QZ-PYRITE VEINS THIS AREA HAS FAIRLY GOOD POTENTIAL.