

AUG 2/81

KS-39

OVERCAST

840616

AT NICKEL CREEK WITH R. LAZENBY
FOLLOWING UP 1950 AN ANOMALY
OBJECTIVE OF TRAV IS TO SAMPLE
SILICIFIED + PYRITIZED INKLIN ROCKS.

KSTI-393 - GRAY SILICIFIED
AND PYRITIZED INKLIN SEDS.

(FLOAT) LOOK HORNFELSED. SOME DISSEM.
PYRITE BUT MOSTLY ASSOCIATED
WITH QUARTZ STRINGERS.

KSTI-394 - GRAY SILICIFIED INKLIN
WITH TRACE PYRITE AND SEVERAL
(FLOAT) % ACICULAR STIBNITE. ROCK IS
NOT HIGHLY SILICIFIED AND STILL
HAS SEDIMENTARY CHARACTER.

KSTI-395 - GRAY SILICIFIED
INKLIN ROCK WITH PYRITE FODS
(FLOAT) AND DISSEM (2%) LOOKS SIMILAR
TO ROCK THAT KICKED. CALCITE
STRINGERS, SOME BRECCIATION

STARTING UP WEST BANK OF CREEK
IN AREA OF LARGE SLIDE.

(O/C) KSTI-396 - DARK GRAY SILICIFIED
INKLIN SANDSTONE. MATURE WITH
OCCASIONAL ROCK CLASTS. 1-2%
DISSEM. FINE-GRAINED PYRITE.

AUG 2/81

(O/C) KST1-397 - HIGHER ON CLIFF
AT CONTACT OF Qtz-FELD PPL
AND INKLIN ROCKS. CONTACT IS
MARKED BY ZONE OF BRECCIATED
SEDS + FELSIC PPL. MAY BE
INTRUSIVE BRECCIA OR POSSIBLY
COULD BE FAULT BRECCIA ALONG
CONTACT. NOTICED OLD TUFA
SPRING COMING OUT ALONG CON-
TACT. ACTUAL AREA OF QF PPL
IS ALL RUBBLE COVERED SO NATURE
OF O/C IS UNCERTAIN.

(O/C) KST1-398 - "DYKE" OF JASPER
AND WHITE-GREEN JASPEROID.
ORIGINAL TEXTURE IS OBLITERATED
BUT LOOKS LIKE DYKE WHICH
CROSS-CUTS INKLIN AND HAS BEEN
HIGHLY SILICIFIED. [1-1.5 M WIDE]

(O/C) KST1-399 - ABOUT 100 M
ALONG HILL ON RIDGE WITH ABUNDANT
TUFA + TRAVERTINE DEPOSITS.
IN MIDDLE IS RUSTY CALCITE
VEIN? OF IRREGULAR WIDTH (15 CM)
WHICH CONTAINS PYRITE, SPHALERITE
AND GALENA. VERY HEAVY ROCK

Aug 2/81

(c/c) KST1-400 - JUST ABOVE-899 TOOK
AND SAMPLE OF JASPER + JASPER-
OLD DYKE. OCCASIONAL QTZ BLENDS
WERE OBSERVED IN THE ROCK.
AGAIN ABOUT 1 M WIDE.

WENT BACK DOWN TO STREAM THEN
HEADED UPSTREAM.

(c/c) KST1-401 - VARIABLE WIDTH
VEIN, BUT UP TO 15 CM WIDE WITH
PYRITE, SPALERITE AND CHALCOPYRITE.
AS ALMOST MASSIVE SULPHIDES IN
PLACES. CUTS ACROSS INCLIN
SANDSTONES

RIGHT UNDERNEATH WATERFALLS

(c/c) KST1-402 - WHITE FELSIC
INTRUSIVE (SILICEOUS) WITH
FEW QTZ PYRITE MOSTLY AS
PYRITE STRINGERS WITH CHALCEDONY
+ QTZ

(TALS) KST1-403 - STILL AT FALLS.
LARGE Boulders OF FINE-GRAINED
INCLIN SEDS ARE INTENSELY
SILICIFIED AND PYRITIZED. ROCK
LOOKS LIKE LAYERED GRAY CHALCEDONY
LOTS OF IT ON SLOPE (WEST)

AUG 2/81

KST1-404 - Qtz-CALCITE STOCKWORK
VEINS IN Qtz-FELDSPAR PPY.

(O/C) ONE LARGE VEIN ABOUT 15 CM
ACROSS HAS MASSIVE SULPHIDE
CORE (8 CM) WITH PYRITE
AND POSSIBLY OTHER YELLOW-
GRAY SULPHIDE. NOT SURE IF
SECOND SULPHIDE IS JUST FINE-
GRAINED PYRITE OR NOT.

RIGHT TO WEST OF FALLS FEW
METRES.

MASSIVE SULPHIDE HAS COLLOFORM
TEXTURE.

KST1-405 - SAMPLED ACROSS ABOUT
3 M OF INCLIN SST + SILTSTONES
(O/L) WITH TRACE OF DISSEM PYRITE.

ROCKS ARE SHEARED AND FAULTED
AND MAY BE SILICIFIED.

ABOUT 50 M BACK DOWN FROM
FALLS, WEST SIDE.

KST1-406 - WHITE Qtz-EYE
PPY WITH SOME LARGE BROWNISH
FELDSPARS. HAS SEVERAL %

(TALS) DISSEM PYRITE AND RARE BEBS
OF BRIGAT GRAY MINERAL.

WHICH WAS SO SMALL COULDN'T
BE IDENTIFIED (MOGY?, GALENA?)

HAD YELLOW WEATHERING (JAROSITE?)

TREND VEIN

162°/70° NE

Aug 2/81

(OAT) KST1-407 - LITTLE FURTHER DOWN-
STREAM FOUND PIRITIC SILICIFIED
INKLIN SILTSTONE FLOAT WHICH
APPEARED SIMILAR TO TALUS AT
FALLS. PIRITE IS DISSEM +
VEINLETS AND IS UP TO 5-10%
OF SOME SPECIMENS. ROCKS ARE
LOCALLY BRECCIATED

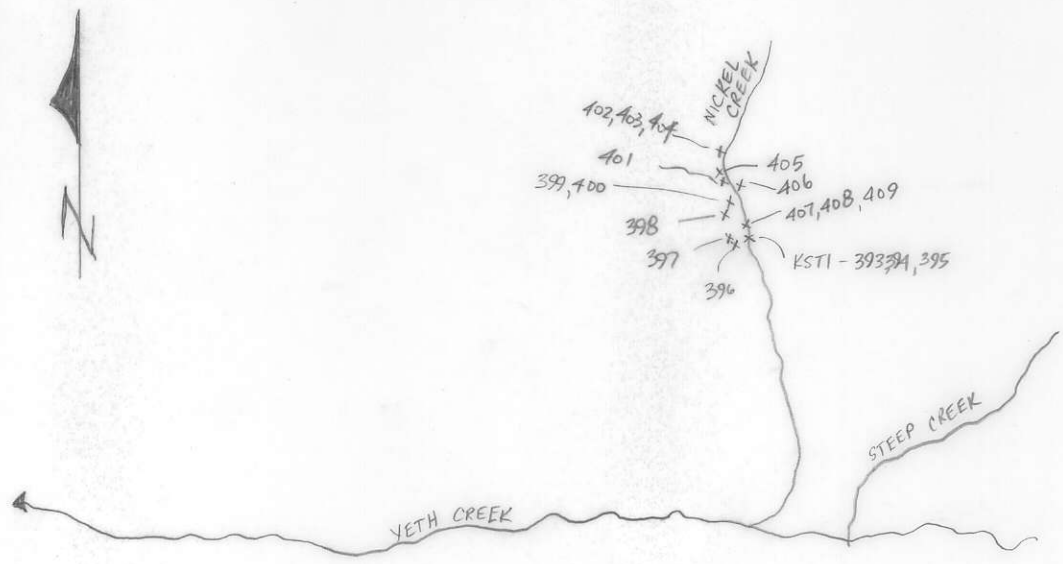
(FLOAT) KST1-408 - SAMPLE OF GRAY TO
BLACK SILICIFIED BEDDED INKLIN
SILTSTONES. ON FRACTURE SURFACES
ARE GRAY NEEDLES WHICH LOOK LIKE
STIBNITE, THEY ALSO APPEAR TO
BE DISSEMINATED AS WELL. PIRITE
STRINGERS ARE ALSO PRESENT

(FLOAT) KST1-409 - GRAY SILICIFIED
INKLIN? NOT SURE OF ORIGINAL
NATURE OF ROCK BUT MAY HAVE
BEEN FINE-GRAINED SED. SAMPLED
PYRITE VEIN ABOUT 5 CM ACROSS
WITH SILICIC ENVELOPE.

DOWN NOW AT START OF
TRAV.

Project TULSEQUAH	NTS 104K	Scale 1" = 1/2 MILE	Page 1 of 1	Traverse KS-39
Sampler KEN SHANNON R. LAZENBY	Location, Target (words) GOAT CLAIMS NICKEL CREEK.		Sample Nos KSTI-398 TO 409	
Date AUG 2/81	photo no. BC 5615-237	Cert. Nos		

- GOSSAN, MINERALS
 - INTRUSIVE
 - LIMESTONE DOLOMITE
 - ROCK
 - SHALE
 - CHERT
 - WATER
 - SILT
 - SOIL
 - PAN
 - PAN Δ
 - WATER O
 - VOLCANIC
 - CONGLOMERATE
 - SANDSTONE SILTSTONE
 - SANDSTONE SILTSTONE
- 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 AUG 2/81

KS-39.

FOLLOW-UP ON NICKEL CREEK TODAY LOOKING FOR PYRITIC SILICIFIED INCLIN^{ROCKS} WHICH ARE SIMILAR TO FLOAT IN CREEK WHICH RAN 4950 PPB AU. THE DAY WAS A PARTIAL SUCCESS WITH LOTS OF MINERALIZATION BUT MOSTLY OF VEIN TYPE INCLUDING PYRITE, SPHALERITE, CALENA AND POSSIBLY ARSENOPYRITE. THESE WERE SAMPLED TO SEE IF ASSOCIATED WITH GOLD MINERALIZATION. THE ONLY ROCK WHICH LOOKED EVEN REMOTELY LIKE THE ANOMALOUS FLOAT WAS RIGHT AT THE FALLS. THIS SAMPLE WAS INTENSELY SILICIFIED SILTSTONE WITH ABUNDANT DISSEMINATED AND VEIN PYRITE. THIS KIND OF ROCK IS MUCH MORE LIKELY TO LEAD TO A LOW GRADE / LARGE TONNAGE SITUATION SO WAS SAMPLED IN SEVERAL PLACES. THE VEINS IN THE AREA IF HIGH ENOUGH GRADE COULD SERVE TO RAISE GRADE OF ENTIRE ROCK HOWEVER.

THE ENVIRONMENT AT NICKEL CREEK IS VERY FAVOURABLE TO GOLD MINERALIZATION AND MUST RATE HIGHLY AS TARGET FOR FOLLOW-UP NEXT YEAR.