

JUNE 4/81 KS'2 SUNNY

RODNEY CK.

DOING REGIONAL TRAVERSE
TH ROBB LAZENBY ON MAJOR CREEK
BETWEEN TATSAMENIE LK AND META-
TULIN MT. CHECKING FOR FAVOURABLE
HOSTS FOR AU IN CACHE CREEK ROCKS
AND TAKING SILTS EVERY 300 M.

842613
RLT1-25 - SAMPLE ON LITTLE
SIDE CREEK; LOTS OF RED JASPER WITH
BLACK METALLIC (MAGNETITE) MINERAL.
ALSO ABUNDANT BROWN TO GREEN
INTERMEDIATE VOLC + VOLCANICLASTICS

KST1-6 - SAMPLED QTZ-CARB
BRECCIA FLOAT. LOOKS PRETTY
GRUNGED UP. NO VISIBLE SULPHIDES.
~~RUN FOR Au~~ (SAMPLE AT RLT1-25)

KST1-7 - RED JASPER BRECCIA
WITH OPAL + CHALCEDONY VEINLETS.
GOOD AU HOST? (FLOAT SAMPLE)
(SAMPLE AT RLT1-26)

KST1-8 - QTZ-CARB - PUCHSITE?
ROCK. (FLOAT) ABUNDANT PYRITE
(20%). RUN FOR Au, As, Sb, Hg.
(SAMPLE AT RLT1-26)

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EXAMINATION OF FLOAT AT
RLT1-27 PRODUCES ABUNDANT
INTERMEDIATE BROWN TO GREEN VOLC.
AND VOLCANICLASTICS. RED JASPER IS
STILL COMMON AND IS PROBABLY SOURCE
OF MAGNETITE IN STREAM. OTHER
FLOAT INCLUDES SERPENTINITE,
SKARN (GREEN EPID). ALSO FAIRLY
COMMON ARE INTERMEDIATE PLUTONIC
ROCKS, SOME EXHIBIT CRUDE FOLIATION
AND EPIDOTE VEINS ARE COMMON.

AT STATION RLT1-30.

SMALL ALLUVIAL FAN ON SIDE STREAM
COMING INTO BIG ONE. ABUNDANT
QTZ-CARB Boulders WHICH WEATHER
A BRIGHT ORANGE COLOUR. THE
QTZ-CARB ALSO OCCURS AS VEINS
CROSS-CUTTING AND BRECCIATING
CACHE CREEK GREENSTONES? AND
META-SEDS. NO MINERALIZATION
WAS OBSERVED.

KST1-9 - QTZ-CARB VEIN

MATERIAL - ORANGE WEATHERING.

FLOAT (TAKEN AT RLT1-30)

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RLT1-31

- SMALL SIDE CREEK DRAINING AREA WITH ABUNDANT GOSSAN. BOTS OF GOSSAN AREAS ALONG EAST SIDE OF CREEK. ALMOST CONTINUOUS ORANGE SLOPES.

- LOTS OF ORANGE QTZ-CARB IN CREEK (> 50%)

RLT1-34

- TOOK THIS SAMPLE JUST UPSTREAM FROM LARGE TALUS FAN OF QTZ-CARB AND SKARNIFIED CACHE CREEK ROCKS EPIACTIZED AND NEMATIZED GREENSTONES AND GABBRO?

RLT1-35

- GREEN Q/C IN CREEK BED LOOKS SIMILAR TO FLOAT AT-34 IT APPEARS TO BE FELDSPAR PPY WITH 5% MAPICS AND EPIDOTE-HEM VEINS AND FRACTURE COATINGS

RLT1-35

- MORE SKARNY ROCK, OUTCROP CONTINUES INTERMITTENTLY TO STATION 36. MOSTLY FELDSPAR PPY WITH ACICULAR MAPICS (PYROXENE?)

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UP TO STATION 39 - RLTI -

THERE ARE FOUR MAIN ROCK TYPES

IN CREEK FLOAT

- ① QZ - CARB
- ② JASPER
- ③ GREEN FELD PPY WITH EPID + ITEM 750%
- ④ INTERMED. PLUTONICS

KSTI-10 - RUSTY VUGGY QZ -

CARB BRECCIA. NO MINERALIZATION

RUN FOR AU etc.

(TAKEN BETWEEN ~~R3~~ RLTI-39

AND RLTI-40, FLOAT)

NEAR RLTI-42 IS ABOUT 75 M
OF HIGHLY SHEARED DARK GREEN
SERPENTINITE.

TOOK FLOAT SAMPLE FROM CREEK
ABOUT 50 M PAST SERP.

↳ KSTI-11 - HARD TO TELL WHAT

ROCK WAS. NOW IS QZ-PYRITE

WEATHERING A RUSTY BROWN.

MAY BE SILICIFIED SEDIMENT.

RUN FOR AU?

(FLOAT)

(SAMPLE 100 M NORTH-42)

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BETWEEN RLT1-42 + RLT1-43

NOTICED QUARTZITE? BOULDER WITH
POD OF BRASS COLOURED COPPER MINERAL
(BORNITE) AND MALACHITE.

ENDED TRAV. AT RLT1-45
PAST SAMPLE SITE ABOUT 50 M
WAS HIGHLY SHEARED GREENSTONE
PROBABLY CACHE CREEK UNIT 4
OF SUTHER.

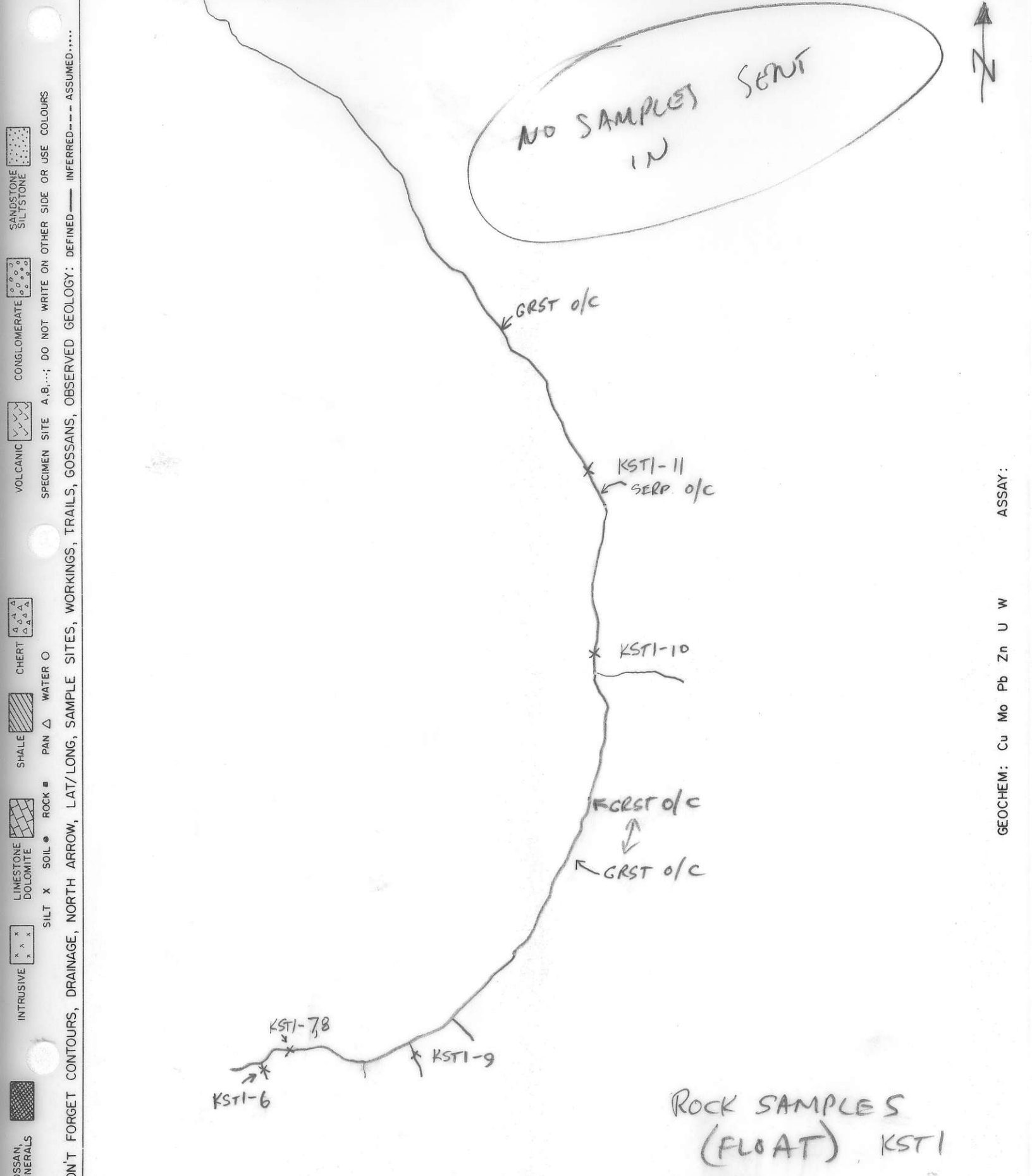
MOST OF TRAV. WAS IN CACHE
CREEK GRST TYPE ROCKS.

SUMMARY

LOTS OF INTERESTING ROCKS
TODAY. ABUNDANT QTZ-CARBONATE
VEINS AND BOULDERS IN CREEK
ARE PROBABLY DERIVED FROM
RUSTY ZONES ALONG THE CREEK
WHICH EXTENDS FOR KM. THE
ONLY WAY WE CAN EVALUATE
THESE AREAS ARE STREAM GEO-
CHEM, AS MINERALIZATION IS
NOT OBVIOUS.

MOST COMMON ROCKS WERE
CACHE CREEK GRST, QTZ-CARB DIORITE
AND MINOR JASPER, SERPENTINE.

Project	TULSEQUAH	NTS	104K	Scale	1" = 1/2 MILE	Page	1 of 2	Traverse	KS-2
Sampler	KEN SHANNON	Location, Target (words)	RODNEY CREEK REGIONAL SILTS - WEST TREATMENT LK		Sample Nos				
Date	JUNE 4/81	photo no.	A11586-333		Cert. Nos	KS-6 → 11			



ROCK SAMPLES
(FLOAT) KSTI