

JUNE 2/81

842511

SUNNY

TRAPPER LAKE

DOING FLY-AROUND WITH LARRY AND MIKE TO CHECK AREA OUT.

(1) TOT CLAIMS

ABUNDANT QTZ-CARB QTZ-CARB-1 FUCHSITE + QTZ VEINS. TOURMALINE MALACHITE PYRITE MARGNETITE VEINLETS WERE NOTED.

- ABUNDANT GRSST AND GABBRO WITH HIGHLY METAMORPHOSSED CACHE CREEK SEDS (MARBLE + ARGILLITE)

- FOUND NICE SILICIFIED AND BRECCIATED AND VEGGY (ie. CINOLA) ROCK IN MAJOR CREEK DRAINING THE CLAIMS.

- GOSSAN TO THE SOUTH OF THE CLAIM BLOCK IS PYRITIZED PYLLITES (PROBABLY CACHE CREEK)

(2) SAM CLAIMS

- LOTS OF BLACK SILICEOUS PYRITIC (JAROSITE) ROCK. TOOK SAMPLE TO RUN FOR ASSAY. SAW SOME QTZ - FUCHSITE(?) PYRITE ROCK THAT LOOKED LIKE INTRUSIVE TEXTURE

KEN SHANNON

NOTES FOR 1981

TULSEQUAH PROJECT

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(3) STOPPED ON SOME BASHED
ON THE CREEK ROCKS TO THE NORTH
OF THE SAM CLAIMS

ON SERPENTINE TO WEST
OF SOUTH END OF TATSAMENUE
LAKE. GOOD JASPER. FLOAT IN
CREEK. ALSO SERP + QZ-CARB-FCH.
GOOD AREA TO SAMPLE. CAN DO
EASY COUNTER TRAVERSES IN
THIS AREA NOT TOO RUGGED.

(5) STOPPED ON SOME OF THE
TARWHATHOYI FM. SEVERAL MILES
NE OF TATSAMENUE LAKE. SOME
COARSE SEDIMENTS BUT MOSTLY
SILTSTONE AND ~~SOME~~ SOME WERE PYRITIC
FORMING VERY RUSTY MATERIAL

(6) NEAR JUNCTION OF TATSATUA
CREEK AND SHESLOY RIVER
TO WEST SLIGHTLY. LOOK AT
STUHNI VOLC. MOSTLY FRAGMENTAL
INTERMEDIATE VOLCANICLASTIC
ROCKS

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KS-3

OVERCAST.

WITH ROB LAZENBY

SPENT ONE HOUR FLYING AROUND SOUTH-EAST OF TATSIA MENE LK LOOKING FOR CREEKS CROSSING THE NS STRUCTURES IN THE AREA.

LANDED ON SOME CLAIMS OF RIOCIANEY TO THE NW OF THE BING PROPERTY ABOUT 3 MILES.

SEVERAL DOZEN BOXES OF CORE WITH CU-MO IN EPIDOTIZED DIORITE. PROPERTY IS UNDERLAIN BY PYRITE RICH INTERMEDIATE INTRUSIVES. ABUNDANT COSSANS ARE DERIVED FROM PYRITE.

A SMALL ZONE OF GRAY CHALCEDONY BRECCIA FELSENMEER WAS LOCATED ON RIDGE ABOUT 1 KM WEST OF CORE. NEEDLES OF STIBNITE UP TO 1 CM ACROSS WERE DISSEMINATED IN THE CHALCEDONY. SOME WAS ALMOST MASSIVE STIBNITE.

NEAR
CORE
PILE

KST1-12 - CU-MO DIORITE (CORE)

KST1-13 - CU-MO DIORITE (FLOAT)

KST1-14 - ^{GRAY} CHALCEDONY BRECCIA

KST1-15 - GRAY CHALCED WITH ABUNDANT STIBNITE.

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WINDY + COLD

FLEW OVER TO TASAMENIE LAKE
AT LUNCH TIME. LOOKING AT RIDGES
ABOVE S6 SHOWING DOWN NEAR LAKE.

ROCKS ARE ALL VERY RUSTY AND SEEM
MOSTLY QTZ-CARB. NO SULPHIDES
WERE OBSERVED.

TO CHECK FOR AN, ROCK CHIP SAMPLES
OF TALUS WERE TAKEN EVERY
300 M.

KST1-16 - TOOK SAMPLE OF
TYPICAL RUSTY WEATHERING BANNED
LAYER QTZ-CARBONATE ROCK.

NO SULPHIDES BUT DOES LOOK
LIKE SOME BLACK MINERAL.

(SAMPLE TAKEN AT PLT1-47)

KST1-17 - FOUND NEAR RED
WEATHERING BANNED CARBONATE
UNIT ABOUT 100 M PAST KST1-16
THE ROCK FORMS NICE BANDS
OF CALCITE AND A WHITE CARB.
WHICH DOESN'T FIZZ IN HCl. THE
BANDS ARE DISCONTINUOUS AND
SEEM TO FORM BLOCKS OR
BRECCIA FRACS. IN THE ROCK.

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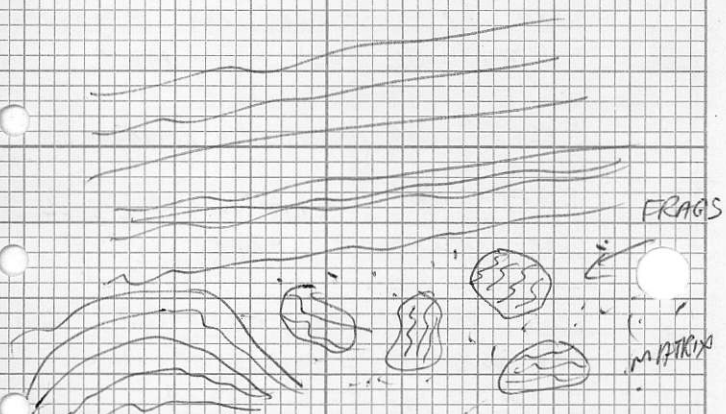
EXAMINING CONTACT BETWEEN
PYROXENITE (GABBRO?) + SERPENTINE
WITH AN ORANGE CARBONATE ROCK.
THE CONTACT APPEARS TO BE A
FAULT ZONE ABOUT 5 METERS WIDE,
COMPOSED OF GRAIND UP ULTRAMAFIC.
TOOK SOIL SAMPLE RLTI-50
WHICH IS FAULT GONGE.

THE SERPENTINE-GABBRO IS ALSO
PINCHED OFF TO THE NORTH BY MORE
ORANGE WEATHERING CARBONATE. THE
CARBONATE IS KIND OF WEAT. DOESN'T
FIT IN HCL (EXCEPT LOCALLY) AND
HAS ROUNDED CLASTS? OF WHITE
CABB. UP TO SEVERAL CM. DIAMETER.
THE ORIGINAL ROCK MAY HAVE
BEEN A VESICULAR VOLCANIC IF THE
CLASTS? ARE ACTUALLY AMYGDULES.

KSTI-18 - CLASTIC? CARBONATE
(ORANGE) TAKEN AT
RLTI-50.

ABOUT 25 METERS NE OF RLTI-50
TOOK ROCKCHIP SAMPLE OF LARGE
TALUS BOULDER WITH ABUNDANT
SOFT GREEN MINERAL (HEZ) ALONG
FRACTURES. LOOKS LIKE GYPSUM.

RLTI-51 - ROCKCHIP SAMPLE OF CARB-
GYPSUM? FLOAT



FRAGS

MATRIX

SKETCH OF BANDING IN ROCK

AT KETI-17

FRAG

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TOOK HAND SPECIMEN OF SAME
MATERIAL SHOWING GREEN GYPSUM?

KST1-19 - CARB-GYPSUM? GOSSAN
MATERIAL - (FLOAT)
(AT RLT1-51)

KST1-20 - CARB-GOSSAN MATERIAL
WITH FEW SMALL PATCHES OF MALACHITE
(AT RLT1-51)

NOTE: BOTH SAMPLES 19+20
WERE FROM LARGE JAGGED BOULDER
WHICH MOST LIKELY HAS NOT MOVED FAR.

KST1-21 - HIGHLY ALTERED Fe-RICH
ROCK. HAS MOTTLED TEXTURE WHICH MAY
INDICATE THAT IT USED TO BE AN INTRUSIVE,
BUT CAN'T BE SURE.

ROCK LOOKS SIMILAR AT DISTANCE
TO KST1-19 ETC BUT LOOKS VERY
DIFFERENT ON THE O/C.

SAMPLE 21 IS MAINLY DARK RD.
WITH MOTTLED PINK INTERSTICES
AND VEINLETS OF JASPER CUTTING
THROUGH IT.

(TAKEN AT RLT1-53)

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ENDED TRAV AT SAMPLE RL1-5A.
ROCKS ARE HIGHLY FRACTURED AND
RUBBLY. ORIGINAL NATURE IS HARD
TO DISCERN. NOW THE ROCKS APPEAR
TO BE CARBONATE GOSSAN. HOWEVER
MOST OF THE ROCK DID NOT FIT ONLY
LOCAL AREAS. PERHAPS THE ROCK IS
NOT EVEN PREDOMINANTLY CARBONATE,
A THIN-SECTION WOULD HELP.

SUMMARY

MORNING: FINDING THE STIBNITE/CHAL-
CEDONY BRECCIA IN THE DIORITE WAS
KIND OF NEAT. THE STIBNITE WAS
VERY DISTINCTIVE IN ITS ACICULAR
X'TAL HABIT. OBVIOUSLY THE CHAL-
CEDONY BRECCIA IS A GOOD TARGET
FOR HOSTING AN MINERALIZATION IF
Sb IS A RELIABLE PATHFINDER.

ALSO BECAUSE THE ~~AGE~~ HOST
ROCK IN THIS CASE APPEARS TO BE
TRIASSIC INTRUSIVE, ALL ^{OLDER} LITHOLOGIES
HAVE TO BE CONSIDERED AS ~~ROCK~~
TARGETS.

AFTERNOON: THE GOSSANS OVER
WEST OF TATSAMENIE LAKE ARE
DIFFERENT THAN THOSE ~~LOOKED~~ LOOKED
AT THIS MORNING. ONE TYPE MIGHT