

JUNE 26/81

KS-19

PARTY CORDY

DOING WRAP-UP WITH HELICOPTER ON
SCATTERED GOSSANS IN WAHLIN
FAULT AREA.

842680

FIRST LOCATION IS ON END OF LIME-
STONE RIDGE JUST WEST OF WAHLIN
RIVER. AT BASE OF LIMESTONE
IS WEDGE OF SERPENTINITE
WHICH IS BANDED ON EACH SIDE
BY QUARTZ-CARB ALTERATION.

(O/C) KST1-168 - RUSTY CHALCEDONY
BRECCIA, JUGGY, MANGANESE (WAD) AND
SOME FUCHSITE? THIS SAMPLE IS
IN QTZ-CARB ADJACENT TO LIMESTONE.
ZONE IS ABOUT 2 METERS WIDE
AT THIS POINT.

(O/C) KST1-169 - LITTLE FURTHER WEST
STILL AT CONTACT OF QUARTZ-CARB
AND LIMESTONE. HERE THE CHALCEDONY
BRECCIA IS MULTI-COLOURED AND
APPEARS TO HAVE TRACE PYRITE.
ALSO HAS BOXWORK CARBONATE ZONES.

KST1-170 - SOIL ON 169
DEPTH = 15 CM COLOUR = RED-BROWN

SLOPE-STEEP COUNTRY ROCK - QTZ-CARB/
C-HORIZON SERP-CONTACT
[TOOK PAN SAMPLE]

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KST1-171 - SOIL ON CONTACT QTB-CARB
AND SERP (FAULT GOUGE).

DEPTH = 4 CM COLOUR = RED-BROWN

C-HORIZON QTB-CARB - SERP HOST

STEEP = SLOPE [TOOK PAN SAMPLE]

THE GRAY LIMESTONE APPEARS BASICALLY
UNALTERED EXCEPT RIGHT AT QTB-CARB
CONTACT.

IT APPEARS THE SERPENTINITE -
QTB-CARB IS A SMALL FAULT SLIVER
ALONG THE MARGIN OF THE LIMESTONE.

MOVED OVER TO NORTH OF SERPENT
MOUNTAIN TO EAST OF VICTORIA LAKE.

KST1-172 - SILT

FLOW = 4 WIDTH = 1-2 M

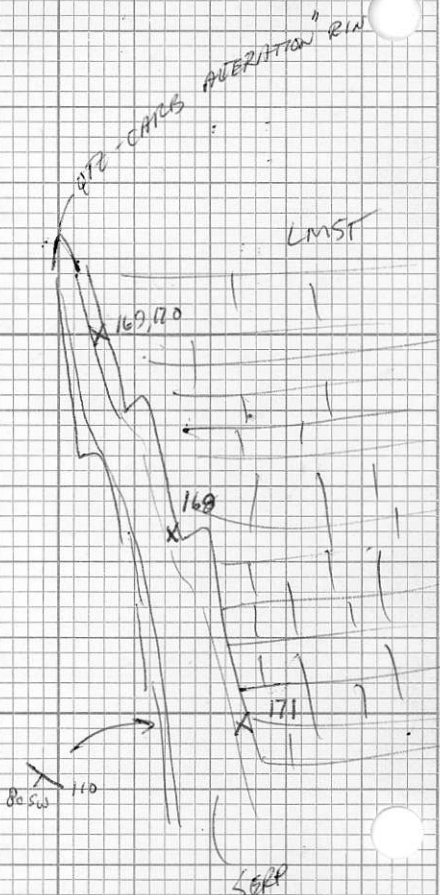
COARSE GRAINED COLOUR = GRAY -
GREEN

COUNTRY ROCK IS ULTRAMAFICS

[TOOK PAN SAMPLE]

MOST OF CIRQUE APPEARS TO BE
VARIABLY SERPENTINIZED ULTRAMAFIC
ROCKS - NO MINERALIZATION WAS
OBSERVED AND THE ROCKS DID NOT
APPEAR AS ALTERED ITS MASE ALONG
THE NATHAN FAULT.

LOOKING UP
ALONG CLIFF
TO WEST



THE SERPENTINITE IS HIGHLY
SHEARED AND FORMS GROUND-
UP RUBBLE. THE OTC-CARB
IS HIGHLY FRACTURED AND
BROKEN

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FLEW WEST IN BEHIND MENTATATULINE RANGE. AREA DOES NOT LOOK PROMISING MOST GRAY UNALTERED CMST.

PUT DOWN SOUTH OF HARD LUCK PEAKS NEAR STATION KST1-166 ALONG CREEK. AREA WAS ULTRAMAFIC WITH QUARTZ-CARB PODS.

KST1-173 - SOIL

BROWN-RED DEPTH- 10 CM HOST ROCK =
SLOPE = MOD. QZ CARB
C-HORIZON

[TOOK SAMPLE FOR PANNING.]

(O/C) KST1-174 - SAMPLE OF BANDED QUARTZ AND CHALCEDONY VEINS RUNNING THROUGH QUARTZ-CARB OUTCROP. SOME VEINS HAVE 5 OR 6 DIFFERENT BANDS AND OTHERS HAVE FRAGMENTS OF QUARTZ-CARB IN THEM. THE VEINS ONLY MAKE UP A FEW % OF THE OUTCROP

(O/C) KST1-175 - SAMPLE OF QUARTZ-CARB-FUCHSITE ROCK WITH MINOR CHALCEDONY VEINS. NO SULPHIDES NOTED.

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RST1-176 - SILT

WIDTH = 2 M GRAIN SIZE = MED

FLW = 4 COLOUR = GRAY

SERP / QTZ - CHRB HOST ROCK

[TOOK PAN SAMPLE]

← QUARTZ VEINS SOMETIMES HAVE
CARBONATE CORES WHICH DO NOT
FIZZ IN HCl

CIL 66620 - CSM
 ATTITUDES
 (100/40 N)

Project TULSEQUAH	NTS 104 K	Scale 1:250,000	Page 1 of 2	Traverse <i>K5-19</i>
Sampler <i>KEN SHANNON JOHN HANTHORNE</i>	Location, Target (words) <i>CHECKING GOSSANS IN MENATATULINE RANGE.</i>		Sample Nos	
Date <i>JUNE 24/81</i>	photo no.		Cert. Nos	

- GOSSAN, MINERALS
- INTRUSIVE
- LIMESTONE DOLOMITE
- SILT X SOIL ● ROCK ■ PAN △ WATER O
- SHALE
- CHERT
- CONGLOMERATE
- VOLCANIC
- SANDSTONE SILTSTONE

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED ——— INFERRED - - - - ASSUMED - - - -

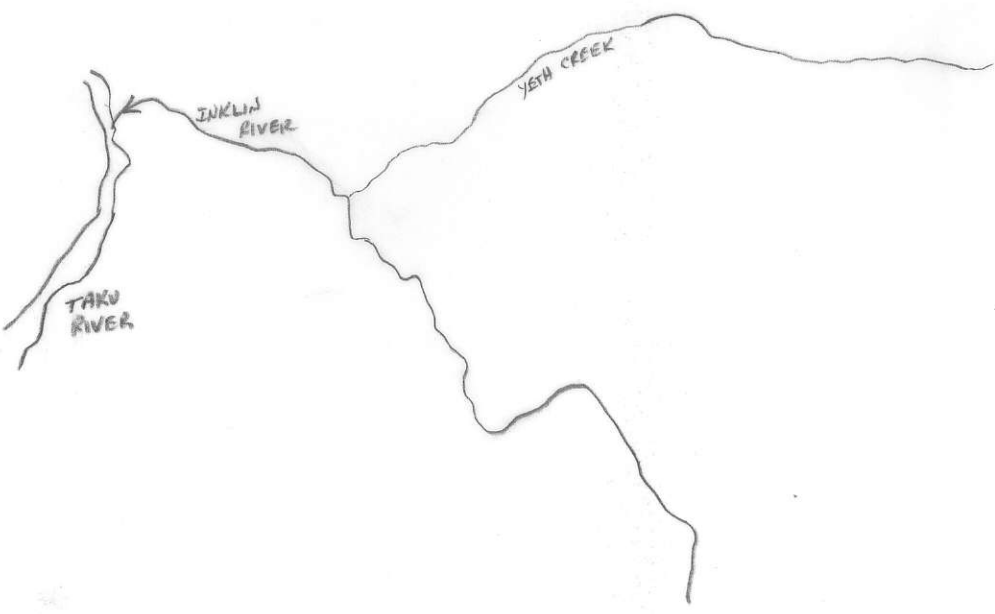


GEOCHEM: Cu Mo Pb Zn U W ASSAY:

CIL 6662-0 - CSM
ATTITUDES
100/40 N

Project TULSEQUAH	NTS 104 K	Scale 1:250,000	Page 2 of 2	Traverse KS-19
Sampler KEN SHANNON	Location, Target (words) GOSSANS SOUTH OF HARD LUCK PEAKS		Sample Nos	
Date JUNE 26/81	photo no.		Cert. Nos	

SANDSTONE SILTSTONE
 CONGLOMERATE
 VOLCANIC
 SPECIMEN SITE A, B, ...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS
 CHERT
 SHALE
 LIMESTONE DOLOMITE
 INTRUSIVE
 GOSSAN, MINERALS
 SILT X SOIL ● ROCK ■ PAN △ WATER O
 DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED ——— INFERRED - - - - ASSUMED ·····



*on edges (NW)
of lake.*

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

TRAV SUMMARY JUNE 26/81

KS-19

TODAY CHECKED OUT SOME ISOLATED GOSSANS IN MENA-TATULINE RANGE, KEPT HELICOPTER ALL DAY. ONE NEAR THE NAHLIN RIVER WAS A LARGE AREA OF LIMESTONE WITH A SMALL WEDGE OF SERPENTINITE AND QUARTZ-CARBONATE ALONG ITS SOUTH SIDE. THE ROCKS WERE REALLY BASHED AND FAULT CONGE AT THE CONTACT WAS SAMPLED TO CHECK FOR MINERALIZATION.

MOST OF THE ULTRAMAFICS TO THE NORTH OF THE NAHLIN FAULT BETWEEN VICTORIA LAKE AND HARDLUCK PEAKS LOOKS BARREN. IT IS ALL THE SAME LIGHT BROWN COLOUR FROM THE AIR WITH NO ZONES WHICH LOOK GEOLOGICALLY DIFFERENT OR INTERESTING. I THINK HEAVY MINERALS WOULD BE THE BEST WAY TO EVALUATE THIS REGION WITH PERHAPS A FEW SOIL TRAYS FOR BACKGROUND NUMBERS. THE LIMESTONES IN THE NORTHERN PART OF THE TULSEQUAH SHEET AND SOUTHERN NAHLIN SHEET APPEAR EQUALLY UNEXCITING, MOST LOOK LIGHT GRAY FROM THE AIR WITH NO GOSSANS.

OVER SOUTH-WEST OF HARDLUCK PEAKS FURTHER SAMPLES WERE TAKEN ON INTERESTING ZONE OF QUARTZ-CARBONATE OUTCROPS WHICH FOLLOW THE APPROXIMATE TRACE OF THE NAHLIN FAULT. ONE OUTCROP TODAY HAD LARGE BANDED, VUGGY QUARTZ VEINS WHICH LOOKED PROMISING. I THINK THIS AREA DESERVES FURTHER WORK.