

842617

JUNE 11/81

MT-6

SUNNY

CREEK THAT FLOWS NW INTO  
SUTLAHINE.

SILT SAMPLE SGT 1-72

SANDY SILT OUT OF MAIN STREAM  
AT BEGINNING OF TRAVERSE.

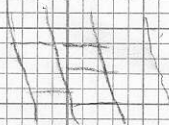
MAIN ROCK TYPES AT THIS POINT  
ARE YOUNG COASTAL ICE - QZITE  
SOME SUTLAHINE VOLS IN FLOAT AS  
WELL - 90% INT. 10% VOL.

ROCK TYPES IN FLOAT:

QZITE - FRESH SOME 17Y  
APLITE DYS " PY - PB.  
PORPHYRY - FELDSPAR?  
SUTLAHINE VOLCS  
FRAGMENTED - TT VOLCS?

SGT 1-73 SOIL SAMPLE

SAME FRESH INTRUSIVES  
IN FLOAT. EN CLIFF ABOVE ON  
WEST SIDE INTRUSIVE DISPLAYS V/  
BLOCKY FRACTURE PATTERN:



MAIN FRACTURING  
VERTICAL.

SGTI-74

SILT DRAINING  
INTRUSIVES? ON  
THE EAST OF VALLEY.  
(POSSIBLY STUNING - A FEW  
HUNDRED M'S DOWNSTREAM  
FOUND SLIDE FROM EAST  
VALLEY W/ FRESH QRMZ.)

SGTI-75

SILT ON WEST SIDE  
DRAINING INTRUSIVES.  
DRAINS A CIRCUS.

SGTI-76

SILT ON WEST SIDE  
DRAINING INTRUSIVES - SIMILAR  
AREA AS SGTI-75

MTTI-33

FRAGMENTED (?) COAST INTRUSION

(FLOAT)

SHOT WITH SILICEOUS & CALCAREOUS  
(~5-10%) SOLUTIONS - HEMATITIC  
ALTN ON WEATHERED  
SURFACE. FAIRLY FRESH,  
LITTLE CHLORIDE ON FRESH  
SURFACE. PY - VUGGY  
CONTAINING QR, CA?  
FLOAT - ~~FROM~~ FROM ABOVE  
LYING COAST INT. - GASSON  
ZONE IN CLIFF?

SGTI-78

SOIL - B-C HORIZ, 10cm deep - BROWN NE SLOPE STEEP 20-25° - NO SILT IN STREAM - SNOW.

LIKELY DRAINING STURMI VOLCS → CONTACT ??  
PY PRESENT IN F.G. ANDS(?) FLOAT.

MTTI-34 - CHIP SAMPLE.

F.G. INTRUSIVE DYKE ? OR SILICIFIED SCLT - VOLC ? . MODERATELY WELL FRACTURED - HEMATITIZED ON WEATHERED SURFACE & FRACS. PY & MINOR PO PRESENT, LITTLE OR NO QZ VEINING. FRESH ON FRESH SURFACE. GOSSAN APPEARING ON THE OUTSIDE - FRESH ON INSIDE. (NEAR RIDGE TOP)

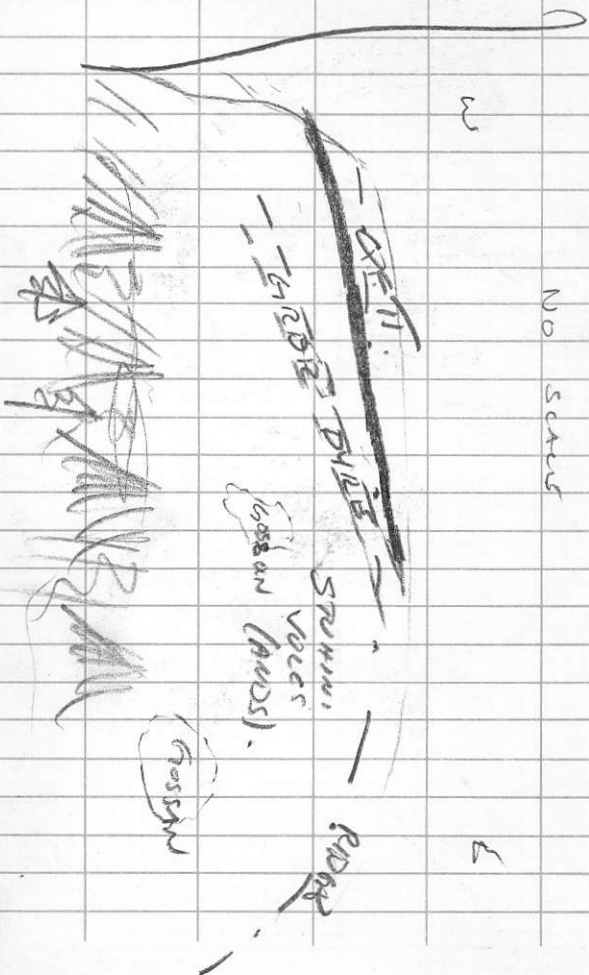
RIDGE TOP - M.G. GRID DYKE W/ F.G. FRAG OR XENOLITHS. BOTH ICK TYPE V/ FRESH. DYKE TRENDING APPROX WEST.

MTTI-35 - CHIP SAMPLE

QR- FERSTAR (BIOTITE) TI DYKE GREYISH ON FRESH SURFACE, BUFF ON WEATHERED SURFACE. EUMBRAN BLOTITES MOST WEATHERED OUT. LITTLE MUSCLITE - OR NO SULPHIDE STAINING - FRAC LOW - NO QZ VEINS.

SGT1-84

Silt at pick up  
spot on main stream  
Silt on side of stream.  
- below gossan zone it  
lies upstream



5  
VIEW FROM TOP OF TRAVERSED  
RIDGE LOOKING WEST AT INTRUDING  
DYKES.

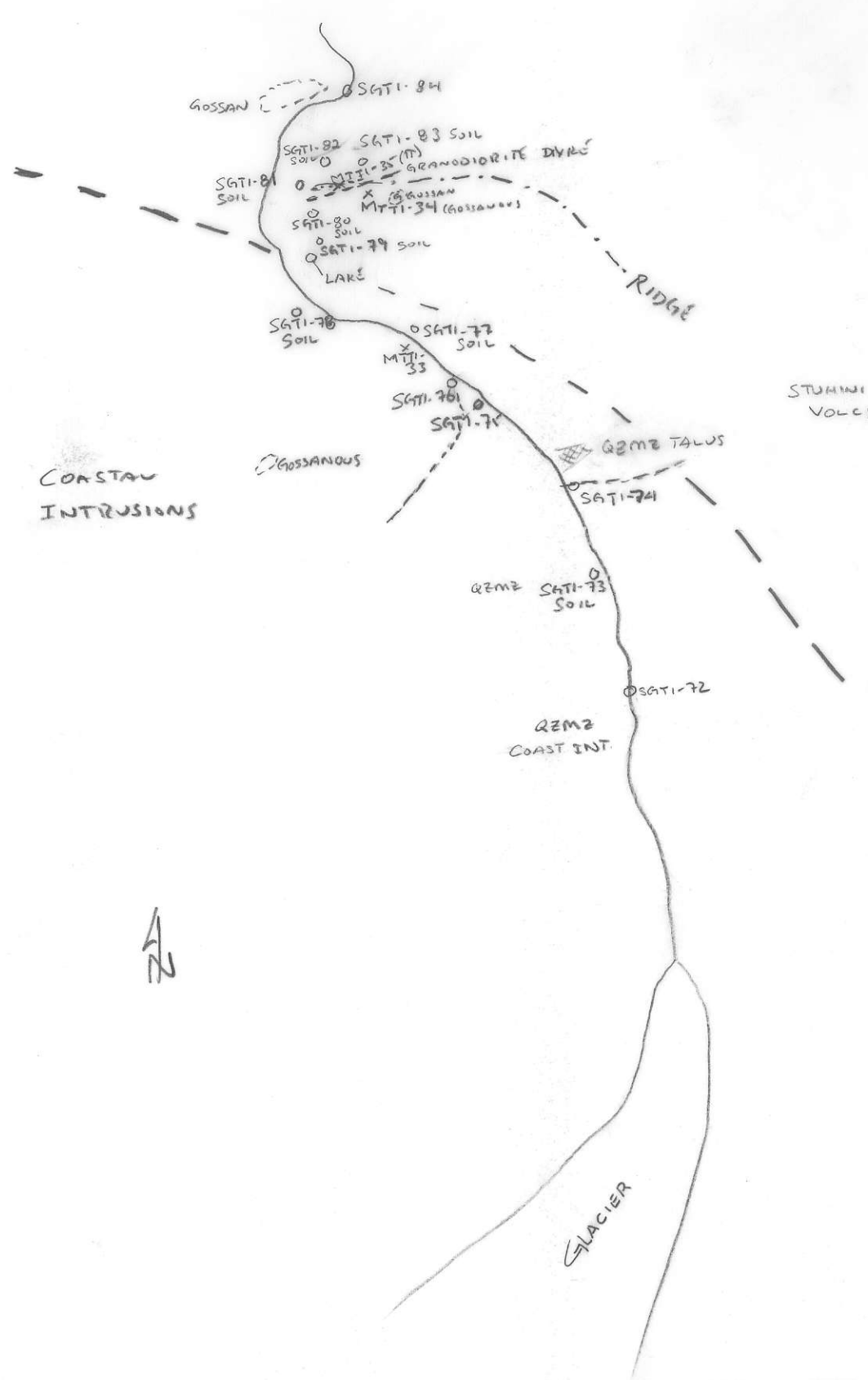


GENERALLY DYKES SEEM  
TO BE STRIKES E-W &  
DIPPING SPORELY S.

GOSAN MINERALS  
 INTRUSIVE  
 LIMESTONE DOLOMITE  
 SHALE  
 CHERT  
 SANDSTONE SILTSTONE  
 CONGLOMERATE  
 VOLCANIC  
 SPECIMEN SITE  
 ATTITUDES  
 W 100/40 N

Project TELSEQUAH	NTS 104 k	Scale 1" = 1/2 MILE	Page of	Traverse MT-6
Sampler M. Thicke S. Geertz	Location, Target (words) TRAU DOWN BSJ CREEK TOWARDS SUTLAHIVE R.		Sample Nos	MTTI-33-35 SGTI-72-84
Date JUNE 11 1981	photo no. BC 5618 202	Cert. Nos		

T-14-202



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

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

June 11/81

NW Drainage into the Suttahine R. MT-6  
BSJ Creek. M. Thib.

A day was spent mapping, prospecting & sampling a NW flowing drainage that flows into the Suttahine R (BSJ Creek). Tributaries that flowed into BSJ creek sampled where silt was available & soils were taken at various stages down the stream. A group of ~ 4 soils were taken above & east of the waterfall around the area of interest.

BSJ Creek

Geology included rx from the coastal intrusions → quartz monzonites, and Stuhini volcanics → mostly andesites ~~and~~ granodioritic dykes & quartz-feldspar porphyry (rock of interest), trending E-W & locally dipping south, intruded Stuhini volcs. This <sup>structure</sup> could be seen on rx on the other (west side) of the valley across from where the ridge terminated.

Soils & silts were collected ~~from~~ by Steve Geertz.

Rocks found in float included:  
~~Chips~~  
- aplitic dykes  
- diabase porphyry showing glomeroporphyritic texture.  
- some conglomerates  
- brecciated intrusive?

Chips : MTT1 - 33  
          ↓  
          35

SGT1-72 silt  
73-soil  
74 3 silt  
76  
77  
      ↓ 3 soil  
83  
84 silt.

Silts & soils :