

842620

MT-15

JUNE 27/87

S. OF TAIKATUA  
TUA CREEK.CLOUDY.  
MTHICK

START A SMALL LK ABOVE STREAM. TO  
CHECK OUT YOUNG QZ-FR TT & SAMPLE AT ~  
300M INTERVALS.

AT LAKE, FRESH GRANODIORITE - M.G. - C.A.,  
CONTAINS TRACE AMT OF MAGNETITE.

AT SOIL SAMPLE SGTI-155 → GIRD. GIRD  
CAN BE CHLORITIC & HAS BEEN SEEN TO  
CONTAIN BLEBS OR CONCENTRATIONS OF PINK  
K-SPAR.

IN E. OF LOW HUNDRED METRES OF TUA  
CLAIM POST VAL 4 4N 2W ID POST.  
AUG. 1980.

SGTI-156 MOSTLY GIRD. MINOR, VI  
ALTERED QZ-FR TT SEEN IN FLOAT. THIS  
SAMPLE JUST OUTSIDE OF VAL 4 CLAIM.

MTT-101

CHIP SAMPLE.

QZ-FR TT. SMALL AREA OF FLOAT.  
ALTERED TO CLAY. BUFF-CREAM ON  
FRESH SURFACE. BUFF-HEMATITE ON  
WEATHERED SURFACE. SOME QZ EYES  
STILL VISIBLE. FINE LOW. HEMATITE  
ON FRAC. POSSIBLY TRACE PY.

SGTI-157 MOSTLY GIRD IN CRACK SURF  
QZ-FR TT FLOAT. IN HILLSIDE TO W OF  
STREAM POSSIBLY SOME TT.

MTT1-102

CHIP SAMPLE

QZ-FP-TT BOULDER IN ABANDONED  
CREEK FROM BELOW BOSSAN AREA  
TT FRESH. HEMATITE ON FRACT'S &  
WEATHERED SURFACE. FLECK OF  
DISSEM PY PRESENT. OTHER  
DEBRIS IN STREAM BED INCLUDE  
SEDS, GROR, CONGLOMERATE, CHUNKS  
OF CA

MTT1-103

CHIP SAMPLE

FLOAT SAMPLE OF ALTERED QZ-  
FP-TT. FAIRLY HEAVILY HEMATITIZED  
& FP'S ALTERING TO CLAY. PY BLESS  
ALTERED TO HEMATITE. SOME FRESH  
PYRITE REMAINS. OTHER RX IN  
FLOAT INCLUDE A CALCAREOUS POSSIBLY  
BRXX SEST, OFTEN HEMATITE. ± GROR.

Silver mineral  
probably  
Py.

MTT1-104

CHIP SAMPLE

etc of HEAVILY FRACTURED - PURPLE  
QZ-CARB. CONTAINS CHALCEDONY  
BRXX? MOD-ABUNDANT COARSE CA  
VEINS UP TO INCHES IN WIDTH  
CUT QZ-CARB. NO PY SEEN  
OR SECONDARY CL. ± P QZ VEINING.

PRESENTS V/L LITTLE  $\rightarrow$  SOME VEINLETS  
 & BLEBS UP TO 1/16" WID. POSSIBLY  
 CONTAINS FRAGS OF CHALCEDONY. V/L PURPLY  
 MATERIAL F.G. & SHALELY.  
 POSSIBLE ATTITUDE OF THIS UNIT 120/38 NS

FLOAT IN CREEK - BOULDER CONTAINING  
 MA & CC (+BORNITE?) V/L SILICEOUS GRAPE  
 OR GR. ONLY CU MINERALIZATION SEEN  
 SO FAR.

SUMMARY

S. GEORGE & M. THORPE PROSPECTED, SAMPLED  
 & MAPPED TUA CREEK, A SMALL NW FLOWING  
 TRIBUTARY OF TATSATUA RIVER. TO CHECK  
 OUT POSSIBLE MINERALIZATION OF THIN DYKS OF  
 GR-EP-IT OR PEGGITE MAPPED BY THE B.C.L.  
 SOIL SAMPLES WERE COLLECTED BY S. GEORGE AT  
 APPROXIMATELY 300M INTERVALS ON THE NS  
 SIDE OF THE TUA CREEK. TWO SILTS  
 WERE COLLECTED ON SMALL DRAINAGES  
 FROM THE SW SIDE (SGT1-158, 160).

$\rightarrow$  NEAR THE BEGINNING OF THE TRAVEL  
 TWO I.D. POSTS OF THE VALLEY CLAIMS  
 WERE FOUND: 4N 2W & 4N 3W. THESE  
 WERE STARTED IN AUGUST 1980.

GREEN GR. WAS ENCOUNTERED AT THE  
 START OF THE DAY. GR. M16 - C.B. MINOR  
 AMOUNTS OF MAGNETITE & CAN ALSO CONTAIN  
 CHALCEDONY. GRANODIORITE (POSSIBLY A QRM?)  
 SEEN TO CONTAIN SMALL CONCENTRATIONS OF  
 K-SPATE. MINOR AMOUNT OF GR-EP-IT WAS  
 FOUND IN FLOAT NEAR SOIL SGT1-158.  
 SMALL AREA OF GR-EP-IT FLOAT WAS SAMPLED  
 ~ 1/2 MILE FROM TRAVEL BEGINNING. THIS

SAMPLE WAS ALTERING TO CLAY &  
POSSIBLY CONTAINED TRACE PY.

MTI-105

CLIFF SAMPLE

QR-IP-TI FROM ROSSANUS  
CLIFF, PY WEATHERED OUT & NO  
HEMATITE. TI ALTERING TO CLAY AS WELL  
AS FP PHENOS. MODERATE - WELL  
FRACTURED.

THE CLIFF-FORMING UNIT ON THE NE SIDE  
OF ~~THE~~ TUA CREEK IS ALTERED  
QR-IP FT. SAMPLE MTI-105 IS FROM THE  
CLIFF & #103 IS FLOAT FROM JUST ABOVE  
THE CREEK. MOST PY WAS ALTERED TO HEMATITE  
BUT #103 STILL HAD SOME.

QR-CARB W/ CHALCODYM WAS FOUND  
AS A CLIFF-FORMING UNIT IN TUA CREEK  
THIS IS POSSIBLY A BRK, CONTAINS  
SHALTY MATERIAL WHICH IS V. PURPLE.  
(MTI-104). A LIMBY SHALE, ~~WAS~~  
ALSO MAPPED, & FORMED A CLIFF  
FOR POSSIBLY > 200M ALONG THE ~~CLIFF~~<sup>CREEK</sup>.  
OTHER ROCKS IN FLOAT IN THE CREEK  
INCLUDED TARKANONI CONGLOMERATES, & SE  
ALSO ~~GRANITE~~ INTRUSIVES ALSO WELL AT  
WELL ROUNDED BRK & QR-CARB BRK.

Rx MTI-101-105

Sols SGT-156-157, 159, 161-162.

SITS " 158, 160

CIL 6662 a - CSM ATTITUDES (100/40 N)

SANDSTONE SILTSTONE

CONGLOMERATE

VOLCANIC

SPECIMEN SITE A.B...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

CHERT

SHALE

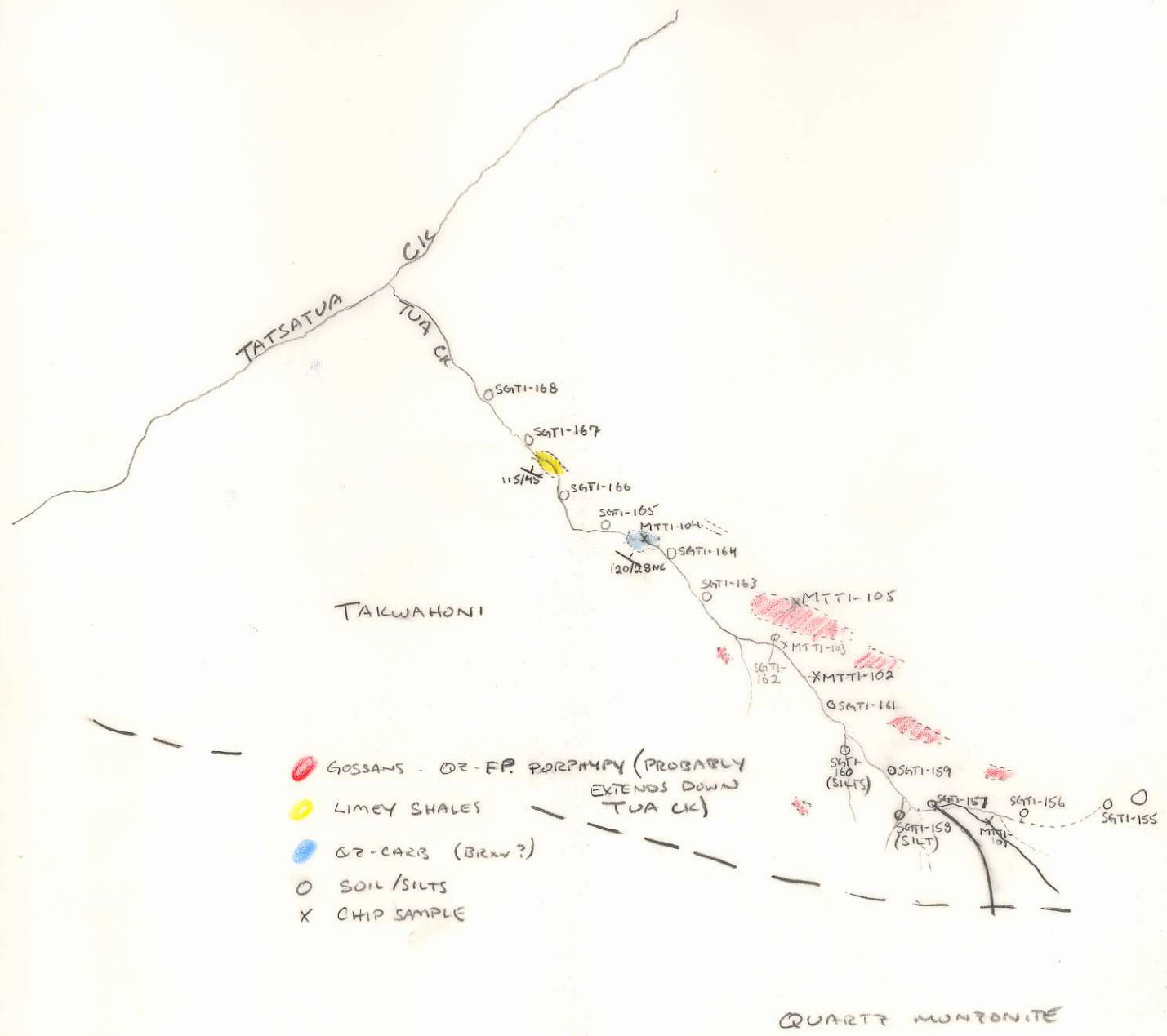
LIMESTONE DOLOMITE

INTRUSIVE

GOSSAN, MINERALS

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

Project <b>TERSEQUAH</b>	NTS <b>1:04 K</b>	Scale <b>1" = 1/2 mile</b>	Page <b>of</b>	Traverse <b>MT-15</b>
Sampler <b>M THICK S. GORIE</b>	Location, Target (words) <b>TUA CK</b> FLOWS INTO TATSATUA CK NNE OF TATSAMENIC LK.		Sample Nos <b>MTT-101-105</b> <b>SATI-155-168</b>	
Date <b>JUNE 23 1981</b>	photo no. <b>A11641-109 T-12-109</b>		Cert. Nos	



ASSAY: U W Zn Pb Mo Cu

June 23/80

TUA CREEK

MT-15  
M. Thiele

S. Greutz & M. Thiele prospected, sampled & mapped TUA CREEK, a small NW flowing tributary of Tatsatua River. The purpose was to check out possible mineralization in a quartz-feldspar porphyry dyke. Soil samples were collected by S. Greutz at approximately 300m intervals on the NE side of TUA Creek. Two silt samples were collected on small drainages from the SW side (SGT1-158, 160).

Near the beginning of the traverse two E.D. pits from the UAL4 claim were found: 4N 2W & 4N 3W. These were staked in August 1980.

Fresh granodiorite was encountered at the start of the traverse. It was medium-course grained & contained minor amounts of magnetite. Chlorite was also seen in the granodiorite. Rich K-spar concentrations were also observed → possibly quartz magnetite (?). A minor amount of quartz-feldspar porphyry was found in float near soil SGT1-156 (MTT1-101). Another small area of quartz-feldspar porphyry float was sampled ~ 1/2 mile from start of the day - very clay altered, possibly a trace of pyrite.

The cliff-forming unit on the NE side of TUA Creek is heavily altered quartz-feldspar porphyry. Sample MTT1-105 is from the cliff & #103 is float - Most pyrite was altered to hematite but #103 still showed some. Quartz carbonate with chalcedony was found as a cliff forming unit in TUA Creek. This is probably a breccia and contains shaly material that is very purple (MTT1-104). A limy shale, also forming a cliff for greater than 200m on TUA Creek was mapped. Rocks in float in the creek include Tahvuhoni conglomerates & seds, intrusives (granodiorites etc) plus well rounded breccias & quartz-carbonate breccias. Rock samples: MTT1-101-105

Soil SGT1-156, 157, 159, 161-68.

Silts " " 158, 160.