842621

MT-16

JUNE 24/81

M. TAYLOR
CLOUDY

RIDGE NE OF TUA CREEK TATSAMENIE CREEK JUNCTION

PURPOSE: TO PROSPECT & MAP & SAMPLE A SMALL RIDGE WHERE JURASSIC OR CRETACEOUS HORNBLENDE DIORITE INTRUDES UPTHIN TE STUHINI ANDS.

SCTT-168 - SCTT-169 → DARK GREY-GREEN FRESH STUHINI ANDS. POSSIBLE ATTITUDE ~ 125/53 SW.

SCTT-171 → ANDS VARY FROM F.G. → C.G. FRACTURING ~ MODERATE OFTEN TRENDING NE.

SCTT-174 → SMALL AMOUNT OF DIOR FLOAT MOSTLY ANDS. DIOR CAN LOOK V/ SIMILAR TO ANDS. BOTH HAVE W/ SIMILAR COLOURS ON FRESH SURFACE. DIOR FRESH DIORITE OFTEN SEEN W/ ABUNDANT EP CRYSTS. 2-3 mm LONG. TRACE PY SEEN IN DIOR SOME MB IN DIORITE ALTERING TO CHLORITE. IN TALUS SOME DIORITE BOULDERS HEAVILY MAGNETIC.

→ ALONG TALUS SLOPE ~ ½ WAY FOUND QZ-CARB VEIN MATERIAL WITH FRAGMENTS OF CHLORITIZED DIOR. POSSIBLY SOME PY - NOW MOSTLY HEMATITIC. QZ-CARB → VUGS - THIS POSSIBLY FROM A SHEAR ZONE (?) → SOME CALC ⊄ POSSIBLY SLICKENSIDES. CALCITE VS IN TALUS.

TTI-106 CHIP SAMPLE

SAMPLE FROM TALUS. BRXX° DIORITE WITH A SUCCESSIVE CHLOR VEINLIKE GROUND MASS. DIOR PHASS CHLORITIC. QZ ALSO SEEN IN VUGS. SLIGHTLY HEMATITIC. PY MAYBE PRESENT? → MOSTLY HEMATITIC. POSSIBLY FROM A SHEAR ZONE. SLICKENSIDES SEEN.

Summary

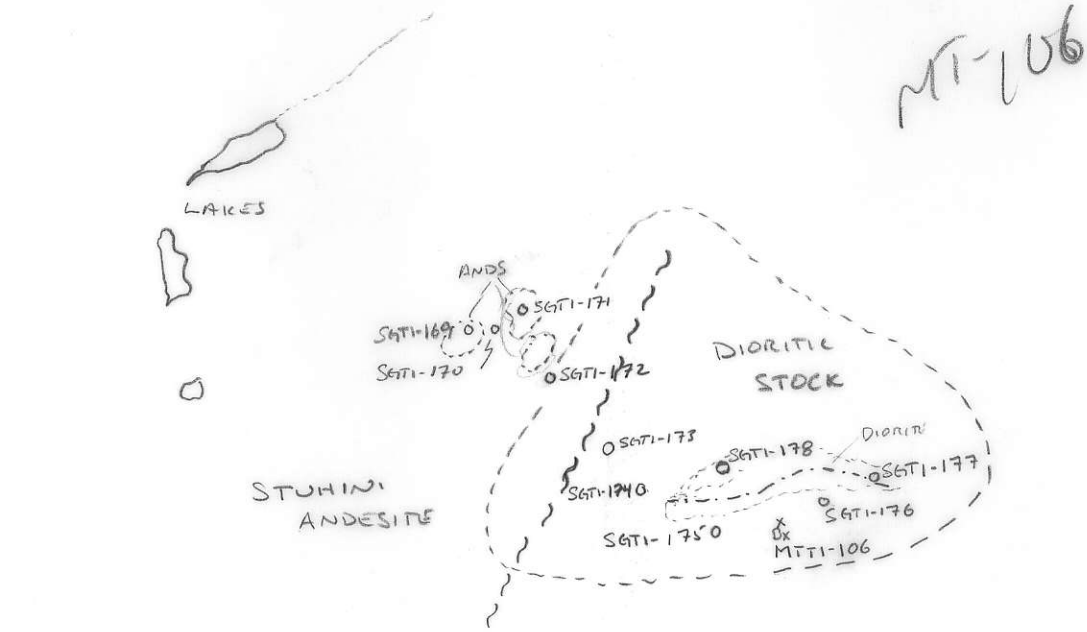
S. Goeritz & M. Thiele sampled & prospected & mapped along a small ridge-valley-ridge where Jr or Gret Ho Dior intru upper Tr Stuhini Ands. Soil samples were collected by S. Goerts at various spots along the trav to provide good coverage of the area.

Ands & Diorite were the only two Plu types seen. Ands were a dark grey-green colour, ~~f-m.g.~~, & were fresh. Dior often looks v/ similar to Ands. The colours are very close: Diorite often contains >5% ep grains up to ~~2-3~~ mm long. Diorite was seen to contain trace amounts of Py, & one specimen in float contained Magnetite. The Diorite was mostly v/ fresh. One sample of a chloritic brn Diorite was taken off of the talus slope (MTT-108).

Rocks were v/ fresh w/ no mineralization seen. Likely an uninteresting prospect.

Project	NTS	Scale	Page of	Traverse MT-16
Sampler	Location, Target (words) RIDGE NNE OF TATSATUA Clk & TUA CK JUNCTION		Sample Nos SGTI-169 to 178 MTTI-106	
Date JUNE 24/91	photo no.		Cert. Nos	

MT-106



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

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

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

SILT X SOIL ● ROCK ■ PAN △ WATER ○

INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | GOSSAN, MINERALS | ATTITUDES (~100/40 N)

MT-16

June 24/81 — RIDGE TO NW OF TATSATUA CREEK AND TUA CREEK JUNCTION — M. Thicke.

S. Goerts & M. Thicke sampled, prospected & mapped along a small ridge - valley - ridge where a Jurassic or Cretaceous hornblende diorite intrudes Upper Triassic Stuhini andesites. Soil samples were collected by S. Goerts at various spots along the traverse to provide good coverage of the area.

Andesite & hornblende diorite were the only two rock types seen. Andesites were a dark, grey - green colour, fine - course grained and fresh. Diorite often looked very similar to andesite, as the colour is close. Diorite can usually be seen containing greater than 5% feldspar crystals up to ~3mm long. Diorite was seen to contain trace amounts of pyrite and one specimen in float seemed to contain magnetite. The diorite was mostly very fresh. One specimen of a brecciated - chloritized ~~andes~~ diorite was taken off the talus slope (MTT1-106).

Rocks were very fresh with no mineralization to cause further interest in this prospect → [check geochem results].

Rocks - MTT1-106

Soils SGT1-169-178.