

MT-29

SUNNY

MISTICKS

NORTH OF TASMANIA UK

JULY 10/81

BREAD TRANSVERSE IN "FELSITES" - PROBABLY
A QUARTZ. FE ALTERING TO CLAY. SOME
HEMATITIC MATERIAL - NO SULPHIDES.

MTT1-185

CHIP SAMPLE.

FELSITE - HEMATITIC ON WEATHERED SURFACE
APPEARS TO CONTAIN "FLOCKS" OF VEINLETS OF
CHALCEDONY. ROCK ALTERING TO CLAY. A FEW
BIOTITE ISOLS REMAIN. LOOKS SILICEOUS.

MTT1-186

CHIP SAMPLE

FRESH COOLING QZ-FP-TT. POSSIBLY CONTAINS
TRACE PY. MINOR QZ VEINING. HEMATITIC
ON FRACTURES & WEATHERED SURFACE. QZ-FP-
TT MAY BE STRUCTURALLY CONTROLLED AS
A FAULT LINE. TRENDS THROUGH - N15W
FRACTURING HIGH. SEE SAMPLE RLT1-382

MTT1-187

CHIP SAMPLE.

QZ-FP-TT → FELSITE. CONTAINS BIOTITE
IN SOME LOCATIONS SO PROBABLY NOT QZ-FP-TT
UP TO 10% PY DISSEMINATED THROUGHOUT ROCK.
WELL FRACTURED HEMATITIC - FRESH ON FRESH
SURFACE.

MTT1-188

CHIP SAMPLE

QZ-CALC? LIKELY A V SILICEOUS QZ-FP
TT THAT HAS FAIRLY HIGH CALC MATERIAL
POSSIBLY BRN W/ CALC-SILICEOUS MATRIX.
SULPHIDES NOT VISIBLE. HEMATITIC ON WEATHERED
SURFACE. SAMPLE FROM TALUS BELOW CLIFF
NOT ABUNDANT.
CLIFF MATERIAL LIKELY FELSITE → QZ-FP-TT.

840728

CLIFFS WERE SOIL SAMPLED UNDER?
AT 100M INTERVALS. UNDERLAIN
BY SHALE 005/35W.

MTI-189

CHIP SAMPLE

VOLCANIC, SEEMS TO CONTAIN
QZ-PT-FRAGS. FRAGS CLAY
ALTO, SOME HEMATITIC
BLOTCHES. DARK PURPLISH
GROUND-MASS. POSSIBLY TRACE PY.
SOME YL SILICEOUS LOOKING FRAGS.
FROM TALUS BELOW CLIFFS - NOT
ABUNDANT

MTI-190

CHIP SAMPLE

BOULDER OF CRYPTOLITE QZ - CHALCEDONY?
CONTAINS TRACE PY. POSSIBLY
WITHIN QZ-PT. LOW HEMATITE.
CARBONATE ON FRAGS & WEATHERED
SURFACES. FROM FLOAT BELOW
CLIFFS. LOW ABUNDANCE. PYROCLUSTE.

AT EASTERN END OF CLIFF SHALE
IS STRIKING $\sim 105^\circ$ & DIPPING
VERTICALLY TO $\sim 55^\circ$ 'S.

MTT1-191

CHIP SAMPLE

SILICIFIED - SILICIFIED QZ-KP-IT, CONTAINS CARBONATE ON WEATHERED SURFACE, LOW HEMATITE STAINS - MOSTLY IN BLOTCHES. BOUNDER IS OF FIXED SIZE -> SHEAR MAY BE UP TO 1M WIDE. MOSTLY CREAM-WHITE COLOUR. POLISHED & SLICED SIDED SURFACE VISIBLE INDICATING MOVEMENT. SULPHIDES? NO QZ VEINING SEEN.

AT SOIL SAMPLE #394 QZ-KP-IT V/ ALTERED BUT "DEAD" LOOKING. DYSIC BY #395 -> FRESH FESIC RIC.

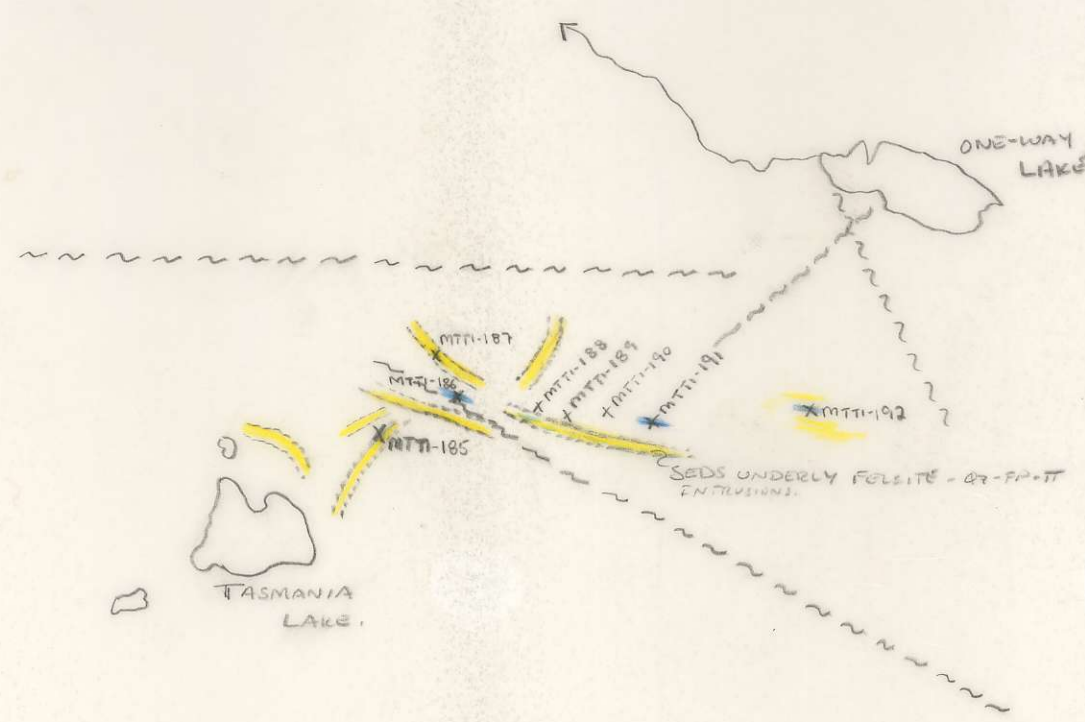
MTT1-192

CHIP SAMPLE

ALTERED QZ-KP-IT - 74 REPLACED BY HEMATITIC BLOTCHET THROUGHOUT. WELL FRACTURED. CREAMY-WHITE (CLAYISH) ON FRESH SURFACE. ROCK IS STILL W/ SILICIOUS THOUGH QZ VEINING NOT PRESENT. SOIL SAMPLE PCT1-337 TAKEN NEARBY

Project TASMANIA	NTS 10:1	Scale 1" = 1/2 mile	Page of	Traverse MT-29
Sampler M. Throck	Location, Target (words) EAST OF TASMANIA LK.		Sample Nos MTT-185-192	
Date JULY 10/31	photo no. 075 (BC)		Cert. Nos	

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



- ~~~~~ PHOTO LINEAR
- X CHIP SAMPLE
- ~~~~~> DRAINAGE
- QR-FD-TI
- FELSITE (OR MONAZONITE).

ASSAY:
 GEOCHEM: Cu Mo Pb Zn U W

July 10/81

Tasmania Lake Area

MT-29
M. Thiele

A day was spent sampling, prospecting & mapping around the Tasmania Lake area. R. Layenby took detailed ~~soil~~ soil samples over a section of the tran. These will be analysed by the XRF in camp & the area may be staked along with an area to the east.

Geology mostly included young felsitic rocks and quartz-feldspar porphyries. Some rocks contained pyrite while others didn't. The intrusive rocks varied in alteration. Calcite veins were more prominent than quartz veins. A volcanic breccia was found in float. It contained quartz-feldspar porphyry. The breccia was not abundant in float. Shales, likely from the Tuhavahoni Formation, underlay the intrusives. Rocks didn't seem overly interesting but results of the soils should be looked at before any decisions are made.

Rocks MT 71-185-192

Soils RL 71-380-397