

840731

Rock

	Emu	Geochem:	2	1
	Ag	As	Sb	Au.
MT2T1 - 128	0.3	12	10.0	5'
129	0.3	12	12.4	15'
130	0.2	14	5.4	5'
131	0.1	3	2.0	5'
132	0.1	4	2.6	5'
133	0.2	7	4.0	15'
134	1.0	115'	14.6	10
135	4.6	85'	17.6	10
136	0.2	150	20.0	10
137	0.3	35	5.2	10
138	17.0	>10000	68.0	675'
139	0.4	110	7.2	10

	Cu	Pb	Zn.
136	60	20	340
137	17	14	61
138	67	2600	680
139	17	42	78.

Emu: 15 km north of Trapper Lake.



23

EMU

- Fe₂O₃ intrusives, fault controlled w/ associated Zn-chalcocopyrite - carbonate veins ± pyrite & trace sc.
- Take seeds in extreme northern part of claim - Fe carb stained on weathered surface - little or no altⁿ.
- Minor rusty weathering of intrusive. Zn-chalc & carbonate veins very minor occurrence
- Stiches of high fracture density as well as Zn-carb altⁿ of intrusive found in creeks that are photo linears.

~~was~~ ring grind to 80 mesh.

rocks:

entire sample was crushed then pulverized
in a ring grinder to ~100 mesh.

WORK SUMMARY

16th JULY 1982

AREA : EMU CLAIMS
PARTNER: MIKE THICKE
WEATHER: OVERCAST / RAIN

- WORK: - GEOLOGY MAPPING TRAVERSE ON EMU CLAIMS.
- ALL SAMPLES ON MIKE THICKE'S SAMPLE CODE.
 - ROCK CHIPS OF THE QZ MONZONITE, AND ALTERED ROCKS.
 - SAW CAM STEVEN'S CAMP & CREW ON THE EMU.

TOTAL SAMPLES : 0

WORK SUMMARY

17th JULY 1982

AREA: EMU CLAIMS
PARTNER: MIKE THICKE
WEATHER: OVERCAST/SUNNY

- WORK: - GEOLOGY MAPPING TRAVERSE, TRACING EXTENT OF THE QZ MONZ AND CHECKING FOR A TAKWAHONI CONTACT.
- SAMPLED SOME QZ VEINS & TAKWAHONI SEDIMENTS.
 - COVERED THE NORTHERN PART OF THE CLAIMS.

TOTAL SAMPLES: 0

M. THICKS

EMU

JULY 16/82

PURPOSE IS TO MAP THE EMU CLAIMS PAYING CLOSE ATTENTION TO PHOTO LINDERS & TO TRY & FIND SILICIFIED, JUICY TAKWATON! RV.

MT2T1-128

M.G. - C.G. BIOTITE ± H₂O QZM3. MED GRAY ON FRESH & WEATHERED SURFACES. WHITE FP PHENUS UP TO 0.5 CM LONG, SOME CLAY ACT. QZM3 IS FRESH, MODERATELY WELL FRACTURED. EXTENSIVE IN OLC & FORMS RIDGES. FP-TI? w/ QZM3 COMP.

MT2T1-129

CLASTIC TUFF (BARKO??) POSSIBLY SILICIFIED. CONTAINS SED & INTRUSIVE FRAGS, ANGULAR TO ROUNDED & UP TO 1 CM LONG. SMALL OLC WITHIN THE QZM3. QZ-FE CARB ACT OF WEATHERED SURFACE & SOME FRAGS. MATRIX F.G, GRAY-BROWN (ANDS??)

MT21-130

Q3-CARB, CA-CHAALCODY VEINED
FELSPAR Q3M3. WELL FRACTURED,
SULPHIDES? POSSIBLY DISSOLN 0.5,
SMALL AREA WITHIN FRESH Q3M3

MT21-131

Q3-CARB ALTERED, CA-CHAALCODY
VEINS. CA COURSE. FELSPAR
Q3M3 WITHIN FRESH Q3M3.

THESE Q3-CARB VEINS ARE NOT
EXTENSIVE BUT SEEM SPORADIC WITHIN
Q3M3.

MT21-132

WELL FRACTURED FAULT MATERIAL
(NOT GRAVIE) W/ SLICKENSIDES
(→ 38°NW). CALCITE ON SLICK
SURFACE. Q3M3 MODERATELY
"GROUND-UP". MINOR CARB
VEINS & Q3-CARB ALTN.
SULPHIDES (?).

JULY 16/82.

MT2T1-133

Q3-CARB ACTⁿ ~~Q3M3~~ Q3M3.
 WEATHERED SURFACE SHOWS A
 "SINTERY" MASS OF RESISTANT Q3 &
 RESSISSIVE CA. OFTEN GET Mn OXIDES
 ON FRACTURES.

MT2T1-134

TALUS.

Q3-FP-TT. VI DENSE, HARD, HEAVY.
 Q3-CARB ACTⁿ. PY DISSEM 2%
 POSSIBLY TRACE SL (?) MINOR VUGS
~~S W/ FRACTURES ON BRKWK TEXT NOW~~
 REPLACED W/ FE-CARB.

MT2T1-135

TALUS.

MUCH LIKE #134. PROBABLY DOES
 CONTAIN SL IN DISSEM & POSSIBLY
 MINOR VEINLETS. PY FINELY DISSEM
 TO 2%.

→ Q3-FP-TT ~ COEVAL W/ Q3M3?

M. Thiede.

EMU

JULY 16 1982.

M. Bray & myself began mapping & sampling the Emu claims. The purpose was to pay close attention to photo linears & try & find juicy Tahwahaní sedls or Stuhini volcanics.

none

Main unit mapped was Tertiary quartz monzonite. This unit was usually fresh, often contained biotite & hornblende phenos as well as ~ 20% white feldspar phenos. The quartz monzonite was often moderately magnetic. Minor chalcidony, carbonate veins, quartz-carbonate altered, can be seen intruding quartz monzonite. Quartz-feldspar porphyry dykes were seen in one location - these may be only veins containing pyrite & minor sphalerite (?) - & were sampled. A small outcrop of clastic tuff, possibly Sloko, was seen containing sedimentary & intrusive fragments. ~~There~~

Nothing appeared too juicy except for minor veins-dykes & no contacts were seen between Tahwahaní sedls & Stuhini volcs.

M. THICKE

EMU

JULY 17/82

CONTINUATION OF YESTERDAY'S
TRAV - SAME GENERAL PURPOSE

MT21-136

WELL FRACTURED Q3-CARB
ALTERED Q3M3. CONTAINS NARROW
Q3 & CA VEINS, SULPHIDES (?)
HEAVY, DENSE FEEL.
SLICKENSIDES TRENDS QGS, PLUNGE 43°
 $\frac{180}{245}^{\circ}$

MT21-137

Q3-CHALETOWN VEIN (WIDEST?)
WITHIN Q3M3. CONTAINS PY
IN BLENDS & DISSEM UP TO
2-3%. CONTAINS IRREGULAR
BLACK CHLORITE "FRAGS". Q3M3
LOOK A LITTLE COOKED UP, GENERALLY
V1 FRACTURED. ALSO COARSE CA
VEINS UP TO 4 CM WIDE CUTTING
Q3M3.

MT21-138 (ASSAY: 12cm)

WELL FRACTURED Q3 VEIN
WITHIN WELL FRACTURED, MODERATELY
COOKED UP (FRICTION → SLICKENSIDES)
Q3M3, Q3-CARB ALTⁿ ON
WEATHERED SURFACE OF VEIN.
PY DISSEM & BLENDS TO 3%.
POSSIBLY TRACE SL (?) → GA
THERE ARE ~ 5' SUCH VEINS
IN THIS OIC AS WELL AS
WHITE-BLACK CA VEINS & VEINETS.
ATTITUDE: 095/40N.

MT21-139 TALUS

Q3-CARB ALTⁿ, MINOR Q3 VEINS
& CA VEINS. SULPHIDES?
THIS ROCK IS POSSIBLY A "CONTACT
ZONE" ROCK BETWEEN TAKWATON
& Q3M2 (?) ABOVE THIS LOCATION
A CONTACT WAS FOUND BETWEEN
THIS MATERIAL & SHAL. FRACTURING
INTENSE, SLICKENSIDES EASILY
VISIBLE - LIKELY FAULT CONTACT.

RL-62

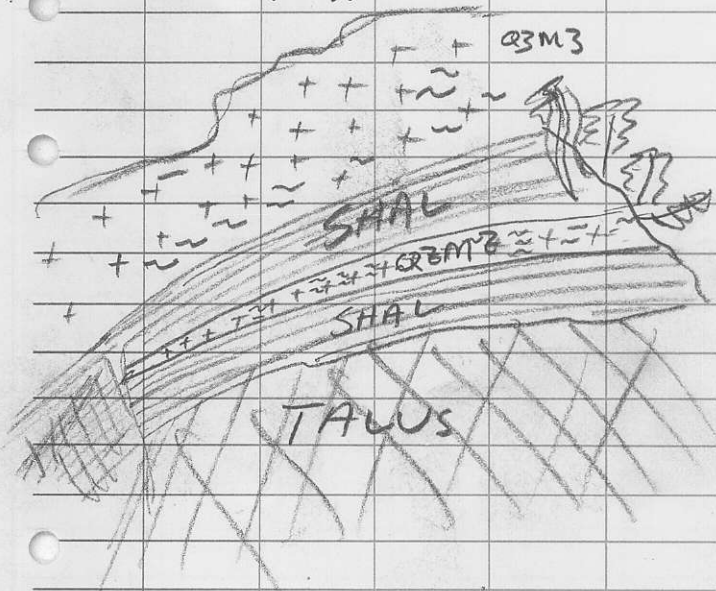
3-

JULY 17

A1

059/20NW

← 2m →



2, 1-2M THICK BEDS OF TAKWATON
 SILTY SHALE, ~~BEDD~~ THINLY BEDDED
 NOT ~~TO~~ ALTERED. SMALL WELL
 FRACTURED WITH SNICKS "Q3M3" DYKES"
 SPLITTING THE BEDS. ARE THESE
 "RAFTS" IN Q3M3 OR POSSIBLY
 ZONES NOT AT ALL REPLACED??

BELOW THIS OTC IN TACUS
ADD A FEW LARGE BLOCKS
OF @3M3 - SILTY-SHAC.

M. Trace

EMU (Cami Camp)

JULY 17/82.

The day was spent finishing off mapping the EMU claim. Much of the day was spent in quartz-monzonite through Tahuvahoni sedls, shales & siltstones mostly, were encountered in the north part of the claim. Some of the quartz-carb altered rocks, notably in E-W trending creeks looked transitional between Tah sedls & intrusive. These ~~are~~ after ~~have~~ showed a slight sandstone (silicified) texture. Steep sides & high fracture density was noted in creeks that ~~are~~ are distinct photo linears.

Basically the claim consists of:

- (A) TACUATION. SHALE/SLST IN NORTHERN CLAIM.
- (B) INTRUSIVE Q3M3, POSSIBLY DUE TO FAULTING FOR MOST OF THE MAP SHEET.
- (C) MINOR IRREGULAR Q3 VEINS, CHALCEDONY, CALCITE, \pm PY & TRACES OF SPHALERITE.