

842622

MT-40

SUNNY.

JULY 22/81

NORTH OF EGOR CR

M. THICKS

THE PURPOSE OF THIS TRAW IS TO FOLLOW-UP ANOMALOUS SOIL VALUES. FOUR DETAILED SOIL KINGS BEARING 155°, 1500M LONG, WILL BE SAMPLED OVER THIS ANOMALOUS AREA. PROSPECTING & MAPPING WILL BE DONE TO COMPLEMENT SAMPLING. ROCKS HAVE BEEN REGIONALLY MAPPED AS LOW-MID JURASSIC TACWATHANI, SEDS INTERRUPTED BY JURASSIC OR CRET HP DIOR. GROUND HAS BEEN STILLED ~ 5 MILES TO SW FOR FT-CM.

MTEI-283

CHIP.

HEMATITIC TACWATHANI SED. LIKELY A SHAL PY/PP UP TO 10% HEAVY FRACTURED; LIKELY CLOSE TO INTRUSIVE CONTACT. (SHAL MAY BE MORE LIKE AREL). FRESH, F.G., MED GREY ON FRESH SURFACE.

MTEI-284

CHIP.

HEMATITE, VL SLICEOUS CRT-PP-TI (?) DYKES SOME FP ALT TO CLAY. PY UP TO 12%. LIGHT GREY; HEMATITE ON FRESH SURFACE (BLOTCHY) MOSTLY HEMATITE ON WEATHERED SURFACE. MOD FRACTURING. TRENDS ~ WNW INTRUDING SHAL AREL. DYKE ~ 2-4M WIDE.

MTEI-285

CHIP.

SAME SHAL-AREL. GROSSANITE ETC AS #283 ONLY TAKEN ONE PLACE TO NORTH. PY 1-2% CONTAIN PY ROCK IS SLIGHTLY MAGNETIC. ALTITUDE MAY BE 005/8W

MTTI-286

CHIP

CLAY ALT^o OR-EP-TI DYKD
 (NEAR PATI-168). BOSSANONS
 PY ALTⁿ TO HEMATITE- FEW
 ALMOST-EMPTY BOXWORK. POSSIBLY
 SOME SERICITE. DYKS-INTRUSIVE
 NO DIOR.

MTTI-287

CHIP.

SAME HEMATITIC AGE AS
 PREVIOUS SAMPLES. THIS SAMPLE
 POSSIBLY MORE SILICIFIED,
 WELL FRACTURED, ETC. ETC.
 (TAKEN WHERE PATI-169 TAKEN)

MTTI-288

CHIP.

OR-EP-TI - EW TRENDS
 CONTAINS 1-2% PY. VI SILICEOUS,
 EP PHASE INTERDIGITATING TO CLAY.
 HEMATITE ON WEATHERED SURFACE -
 SOME EMPTY BOXWORK. LIGHT
 GREY ON FRESH SURFACE.
 TAKEN SAME LOCATION AS #287
 AS PATI-169.

~~OR-EP-TI~~ LIKELY THIS MINERAL-
 IZERS.

-3-

HIS DIOR IS A FRESH, MED-DARK GREY
M.G. - C.G. INTRUSIVE. IT IS OFTEN
SEEN WEATHERED TO FERGUSONITE OIL'S
& OFTEN IS CRUMBLY & ROTTEN. THIS
DIOR LIKELY COOKED UP THE SHALE
ALTERING THEM TO ARKILLITES. DIOR
PROBABLY WASN'T THE MINERALIZER AS
IT CONTAINS NO SIGNIFICANT PY SEEN &
IS RELATIVELY FRESH. THE QZ-FP-IT DYKES,
LIKELY OF TERTIARY AGE, PROBABLY
SUPPLIED MINERALISM. DYKES SEEM
TO CORRESPOND ^{TO} WHEATON'S P. ANALY'S ANOMALOUS
SOLLS EVERETT TAKEN, HOWEVER DIOR MAY
BE RESPONSIBLE FOR SOME OF THE MINERALISM
AS PD (MONTANA?) IS PRESENT IN THE SOLLS.

MFTI-289

CHMP

SILICEOUS QZ-FP-IT DYKES, LIKELY
A CONTINUATION OF #286 ONLY NOT
AS ALTERED. V. HEMATITIC, PYRITIC
AS PREVIOUSLY DESCRIBED

MFTI-290

CHMP

ARKL. HEMATITIC: 2-3% PY-PD
LIKELY NEAR CONTACT. SIMILAR TO
OTHER ARKL BODIES MORE PY. MED-
BOLDY, WOVEN FRACTURED.

THROUGH-OUT TRAV AND COE USING
ENCOUNTERED. THREE MAIN RL TYPES:

QZ-FP-IT → TERTIARY
DIOR → JURASSIC-ORIG
ARKL. → LOW-MID JURASSIC.

MTI-291

CMP.

STRONGLY MAGNETIC ARGL.
PØ (POSSIBLY MAGNETITE?) -
MED GRSY FG. LIKE
PREVIOUS ARGL ONLY HIGHLY
MAGNETIC. FOUND BY RELAY
ON OR NEAR SOIL LINE.

M. THICKE
TELSEQUAH
104 K

BE 5618 156

T-13-156

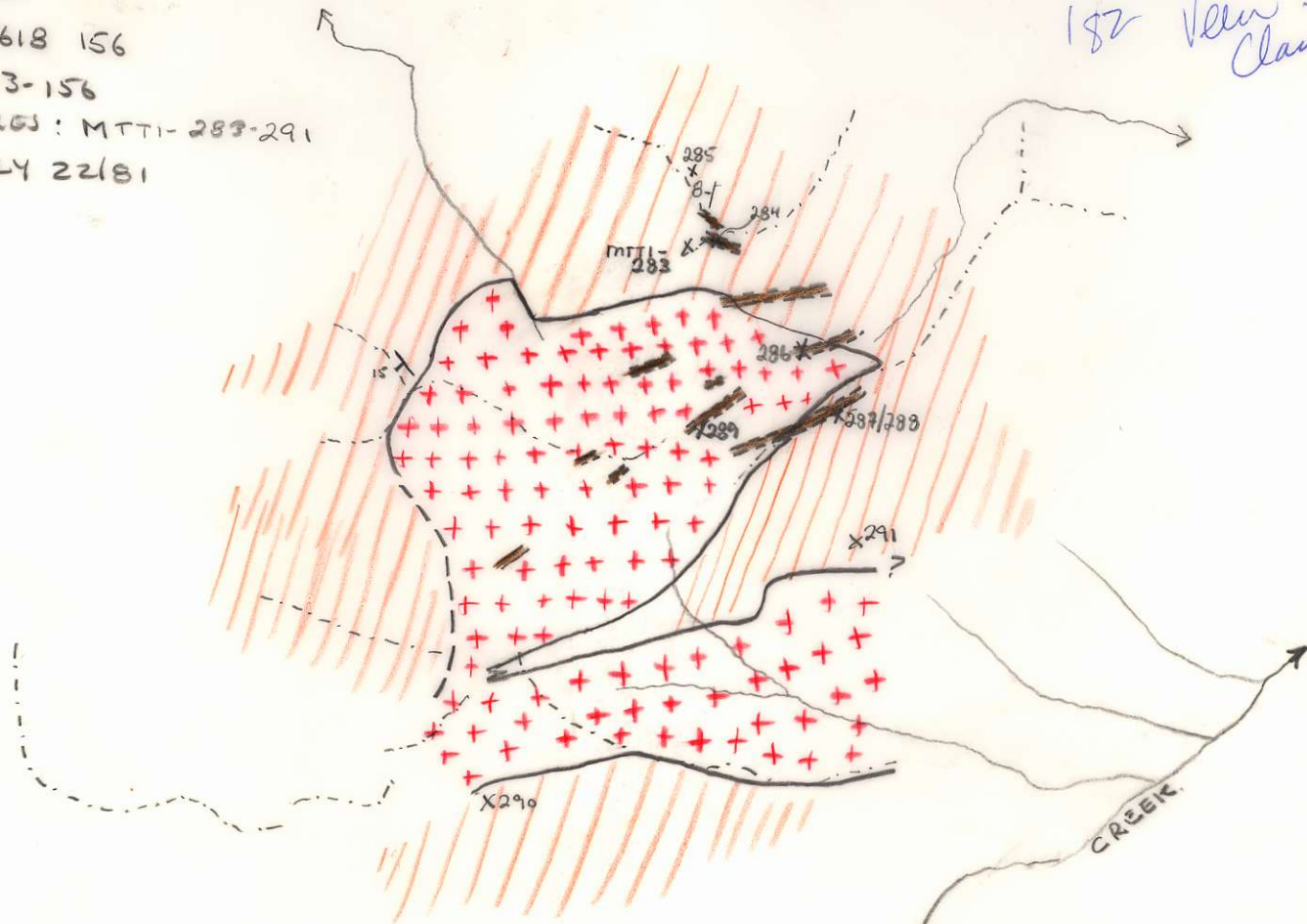
SAMPLES: MTTI-283-291

JULY 22/81

NORTH OF IGOR CREEK.

MT-40

182 vein claims



— QZ-EP-T

+ + + HORNBLENDE DIORITE

//// HEMATITIC ARGILLITES: TAKWAHONI

- - - RIDGE

~ - - CONTACT: PRESENT, ASSUMED.

f BEDDING

1" = 1/2 MILE

X ROCK SAMPLE

July 22/81

North of Tabor Creek

MT-40
M. Thiede

The purpose of this trav was to follow-up anomalous soil values found on a regional trav. Four detailed soil lines bearing 155°, 1500m long (NOT AWITS COMPLETED), at 100m intervals were sampled over the anomalous area. Prospecting & mapping will be done to compliment sampling. R. Hazenby & J. Hawthorne performed soil duties. Rocks have been regionally mapped as lower-mid Jurassic Tahwahoni sediments intruded by Jurassic or Cretaceous hornblende diorite. Some ground has been staked about 5 miles southwest for porphyry copper. Tahwahoni sediments encountered were argillites that can have very high amounts of pyrrhotite present. For the most part they were highly hematitic stained. A small speck of chalcopyrite was seen. Quartz veining was minimal. Quartz-feldspar porphyry dykes of probable tertiary age intruded all rocks & could very well be the mineralizer. The porphyry ranged from fairly extensive clay alteration to fresh. The hornblende diorite is a fresh, medium-dark grey, medium ~~grained~~ grained to ~~coarse~~ coarse grained intrusion. It is often seen weathered to felspar "outcrops", crumbly & rotten. The diorite likely cooked-up the Tahwahoni shale to argillite. The diorite likely wasn't the mineralizer but may have had something to do with pyrrhotite ~~dep~~ deposition. It contains no significant amounts of pyrite and shows no alteration. Quartz-feldspar porphyry dykes may have carried an mineralization as these seemed to be near P. Angh's regional soil anomalies. Note geochron on this area. See J. Hawthorne & R. Lazy for soils.

Rocks MTT-283-291.