

JM

840557

AUG 26 1983

HIGHLINER

PART: W. HEWGILL

JA371 - 287

elw 1290

BY WH 337

CARBONATE BRECCIA?

STOCKWORK?

OUTCROP

PYRITE EUBEDRAL

ALOT WEATHERED UP TO 1%

FRESH < 1%

RUSTY BROWN WEATH.

JA371 - 288

elw 1280

36m part (west) of WH 364

BRECCIA

CARBONATE STOCKWORK?

RUSTY WEATH

LIGHT GREY FRESH

PYRITE, CHALOPY. FINELY DISSEM

IN SMALL BLEBS < 1%

MALACHITE/AZURITE STAINING

GALENA

GREY SULFIDES ~ 2%

IN VEINLETS UP TO 2mm

SOME SILICA
OUTCROP BESIDE

CARBONATE BRECCIA

CARBONATE SWEATS

GREY SHEAR ZONE ^{GOES} THROUGH

SAMPLE SITE

WH 268 +21m

JAZT1 - ~~280~~ 289 elev 1280

SILICEOUS TUFF?

QTZ CARB ALTERED GREENSTONE?

RUSTY WEATH.

GREEN/GRAY FRESH

LARGE TALUS? BELOW (30 m)

SUBCROP? OUTCROP

FRAGMENT ~~IS~~ ANGULAR (NOT ROUNDED)

PYRITE - STRINGERS ALONG CARB

VEINLETS ~ 1mm

BLEBS

DARK GREY AREAS W/ PYRITE

~ 1%

QTZ VEINLETS ~ 1mm

SOME BRECCIATED FRAGS.

- A LITTLE MALACHITE STAINING

JASTI - 290 elev 1275
at WH 371

QTZ VEIN THROUGH 2M WIDTH.

GREENSTONE? TUFF?

RUSTY WEATH. RED, YELLOW, PURPLE

PYRITE STRINGERS & BLEBS

~ 3%

ZONING TO CHALCOPYRITE

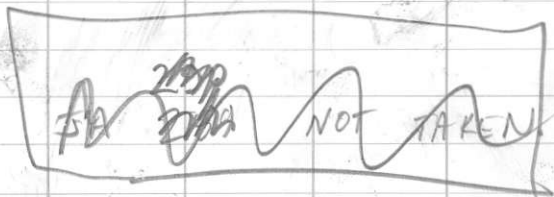
→ DISSEM. + BLEB ~ 8%

GREY SULFIDES IN BOTH ZONES

MALACHITE/AZ. STAINING

VERY SOFT, GUNGE AREAS

YELLOW COATING (?)



35 cm WIDE AT SAMPLE SITE

THINS TO 10 cm ABOVE

below WH371

JAST1-291 elev 1245

QTZ BRECCIA?

OUTCROP: LOOKS LIKE QTZ

VEIN(?) SHOOTING THROUGH

~ 2m WIDE ORIENT ~ 90°

LOOKS VERY ~~ROUGH~~ BANDED

POSSIBLY VEINLETS & SILICEOUS
AREAS BETWEEN.?

PYRITE STAINERS < 1%

DISSEM

CHALCOPY. BLEBBY & DISSEM < 1%

MALACHITE $\frac{1}{2}$ STAINING

GREY SULFIDES < 1%

QTZ VEINLETS ~ 1mm WIDE

RUSTY ORANGE WEATH

LIGHT GREY FRESH

MAYBE: LAYERING IN ROCK BEFORE.

- WITH QTZ SWEATS.

COMPOS'N CHANGES ACROSS WIDTH.

TRACE STRUCTURE OVER 40m
ATLEAST.

JA3T1-292

GOUGE FROM NEAR

JA-291

FOUND IN SMALL CAVE ~ 80cm

25cm deep

covered in chalcantite/

JIM

AUG 27/83

HIGHLINER CLAIMS
WITH M. GRAY

JA3T1-293 elev. 1245

QTZ BRECCIATED DIKE? VEIN?
POSSIBLY DIKE BEEN QTZ CARB ALTERED

TAN WEATH.
LIGHT GRAY / WHITE FRESH

QTZ FRAGS

IN SOME AREAS, UGGY QTZ
CARBONATE VEINETS CROSS CUTTING
SMALL BLEBBY PYRITE IN SOME
AREAS <<< 1%

DIKE-LOOKING STRUCTURE

TRACE OVER 30m AT LEAST

~ 1.5m WIDE

TREND ~ 348° / 44 W

QTZ CARB VEINS PARALLEL TO STRIKE
OF DIKE (SPRINGERS CROSSCUT)

SAME STRUCTURE AS JA-291

BUT 25m SOUTH OF 291

JA371-294

QTZ VEIN - PARTIALLY BRECCIATED
IN PLACES

SAMPLE TAKEN FROM 2 PLACES
ALONG VEIN

8m APART DOWN HILL

TOP

CHALCOPYRITE MALACH. STAIN.

BLEBBY ~ 2%

PYRITE ~ 1%

GREY QTZ → DISSEM SULFIDES?

BOTTOM CHALCOPY, PYRITE ~ 2%

ALSO GREY SULFIDES

MORE WEATH. LOT OF SMOKY QTZ.

POSSIBLY BOULDER?

RUNS THROUGH: ^{WEST} MAFIC FSPAR PORPHYRY

EAST ALMOST PHYLLITE

WIDTH ~ ²⁰~~100~~ cm

TRACE INTERMITT. OVER ²⁰~~100~~ m

TREND ~ ~~341~~ ~~341~~ ~~341~~

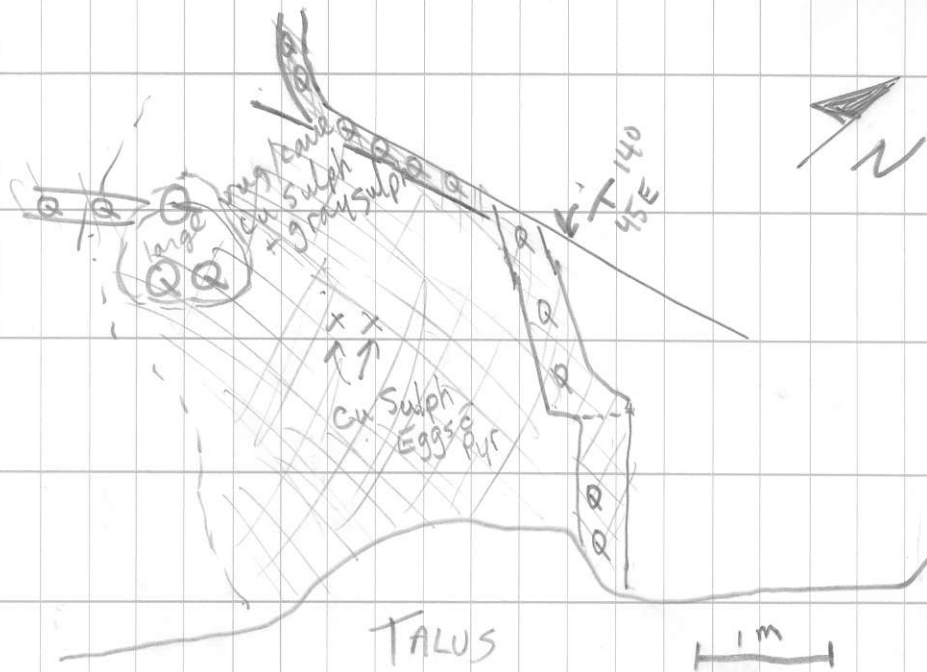
341° / 68° E

MAYBE FAULTED?

CUTOFF AT TOP BY FAULT



LOCATION
OF
MG3T1-478,
JA



rwth
we

JASTI-297

QTZ VEIN

elev. 1300

HIGH GRADE OF ~~B6~~ MOST PYRITIC AREA

5cm → 30 cm WIDE

ORIENT: 190 / 74° W (VARIES)

TRACE OVER 25 m

ABOVE 5m WIDE DIKE ABOVE JA 288

SIMILAR TO JA 290 VEIN

HEMATITE/LIMONITE STAIN

CHALCOPYRITIC BLEBBY AND ALONG STRINGERS
~ 1%

GREY SULFIDES ~ 2%

VUGGY QTZ IN PARTS

JASTI-298

QTZ VEIN POPPING OUT OF TALUS

MORE RESISTANT SECT'N

WIDTH 20 cm ?

ORIENT. ? VERY VARIABLE

PART OF JA 297 VEIN?

TRACE OVER 2 m. HERE,

RUSTY WEATH.

PATCHES OF RUST ALONG ROUGH STRIKE

CHALCOPYRITE 5%

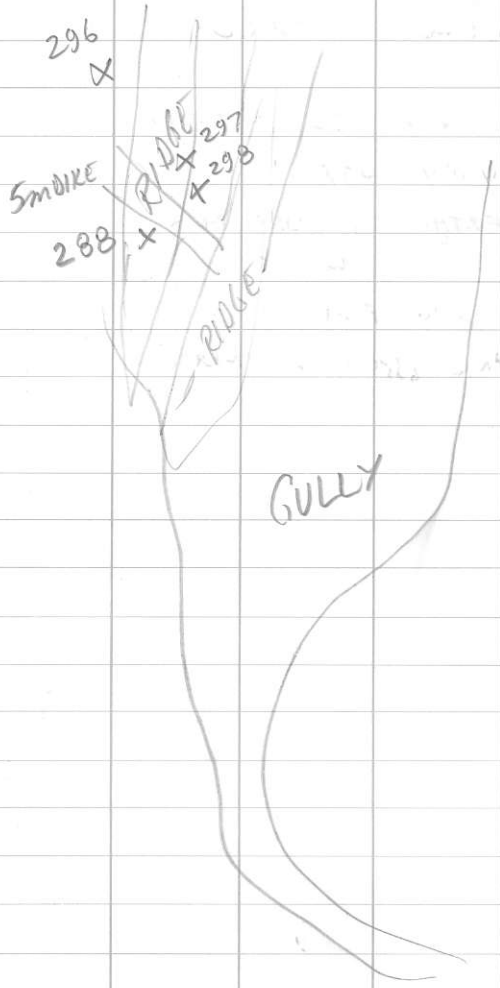
BLEBBY ACROSS SURFACE

27
~~26~~ 8/83

MALACHITE STAINING (LITTLE)
PYRITE AND OTHER SULFIDES

~ 3%

TUFF : COUNTRY WORTH.



JABTI-299

elev 1535

SILICEOUS (PARTIALLY SILICIFIED?)

CARBONACEOUS/ ARGILLACEOUS SEDIMENT.

LIMONITIC STAINING.

WELL FRACTURED.

OUTCROP

DARK GREY BLACK FRESH

VUGGY QTZ.

WEATHERED SULFIDES

FAULT CONTACT: COMES THROUGH
OUTCROP

FAULT BOUNDED?

ATTITUDE 279 / 36 N