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TOMBSTONE MINING DISTRICT

Cochise County, Arizona

State of Maine
Area of Interest

Tombstone Exploration, Inc.
Trenching Assay Data

Circa 1979-1981

1979 ?

TEI

FIRST TRENCH (MEASURED FROM SOUTH TO NORTH)

.54 TA-1 0'-2.5' PORPHYRY NEAR RHY. DIKE (SAMPLE CONTAMINATED)?

.25 TA-2 2.5'-7.0' RHY. DIKE (SAMPLE CONTAMINATED)?

.39 TA-20 49.8'-50.5' SILICIOUS MN O_2 VEIN

TRENCH FROM WATER LINE SOUTH IN LINE WITH FIRST TRENCH

.26 TA-89 AT 29 FT QUARTZ VEIN

.52 TA-92 AT 32 FT QUARTZ VEIN

.52 TA-94 QUARTZ VEIN IN DRIFT OF TRIPLE X

.15 TA-95 ROCK BETWEEN QUARTZ VEINS

.42 TA-97 AT 40 FT QUARTZ VEIN

1.22 TA-99 AT 41½ FT RED (FeO) ALTERED PORPHYRY

THIRD TRENCH (MEASURED FROM SOUTH TO NORTH)

.39 TC-23 117-119 SOUTH FOOTWALL OF STOPE

.64 TC-24 2½'-3' WIDE VEIN

14.1 TC-25 6 FEET WIDE COB.

FIFTY FOOT BARREL TESTS

.32 TAB-14
.90 TAB-15
1.34 TAB-MUCK
} SOUTH OF P.A.S LINE

.10 TAC-1
.60 TAC-2
.90 TAC-3
} FIRST 150 FT TRENCH ~~FIVE~~ THREE

TREMOLITE 9-31-79

.02 TR-1 [illegible]
WHITE MED. GRAINED, HARD, ALT. TUP.
LAP
[illegible]
N22E [illegible]

NIL TR-2 [illegible]-20
WHITE, MED. GRAINED FAIRLY HARD, ALT. TUP.
LAP [illegible] FILLING FRACTURED. [illegible]
[illegible] N49E 72NW
N69W 43SW

NIL TD-3 1/4"
MNO. FROM FRACTURE FILLING.

NIL TD-4 20-50
[illegible], MED. GRAINED, HARD, [illegible] TUP. [illegible]
[illegible] N9E 61SE
N60E 71NW
N45W 69SW

TR. TD-5 50-59
WHITE, MED. GRAINED, FAIRLY SOFT, ALT. TUP.
LAP GIVES SPATTER APPEARANCE. CHLORITE IS BROWN.
[illegible] FRACTURED
[illegible] N40E 48NW
N56W 66SW CONT.

TR. TD-6 59-80
WHITE, MED. GRAINED, FAIRLY HARD, ALT. TUP. LAP.
HEMATITE VEINLETS. FAIRLY FRACTURED
N54E 29NW CONT.

NIL TD-7 IN TD-6 ~1 SOFT A. SURFACE
WHITE FINE GRAINED FAIRLY SOFT. ALT.

NIL TD-8 80 - 111
WHITE, MED. GRAINED, FAIRLY HARD. ALT TUP
FeO STRINGERS, WITH MINOR MnO. QUARTZ
COATING ON FeO IN STRINGERS. [illegible]

.06 TD-9 WEATHERED SURFACE 1
WHITE, MED. GRAINED, SOFT, ALT. TUP.
COULD BE A PRODUCT OF FAULTING

NIL TD-10 AT 100
WHITE, MED GRAINED, HARD, ALT. TUP.
FeO STRINGERS COATED, WHITE BOTROIDAL
QUARTZ. SILICIFICATION AFTER SERITIZATION?

NIL TD-11 108-109
WHITE, MED, GRAINED, HARD, ALT. TUP.
FeO STRINGERS.

.03 TD-12 111-112 RED
RED, MED. GRAINED FAIRLY SOFT. ALT TUP.
SOME MnO. VERY RED. (HEMATITE)

NIL TD-13 - 112- 116
WHITE, MED, GRAINED, FAIRLY HARD, ALT TUP
FeO STRINGERS, FeO STAINING AWAY FROM STRINGERS.

TR. TD-14 116 - END
GRAY FAIRLY ALT. PORPH.
JOINTING: N52W 58SW & N72E VERT
N8E 74SE

9/10/79 TE1

TRENCH E 9-10-79

.03 TE-1 0-10
GREENISH GRAY, MED. GRAINED, HARD, ALT. TUP.
NASE [illegible]

TR. TE-2 10-11½
YELLOW, MED GRAINED, HARD, ALT TUP.
MnO_2
CONT. N60E 86 NW

.02 TE 3 11½-12
YELLOW, MED. GRAINED, FAIRLY SOFT, ALT TUP.
FEBROUS MnO_2 STRINGERS, CRUMBLY

.03 TE-4 12-13
RED, MED GRAINED, FAIRLY HARD, ALT. TUP.
HEMATITE AFTER PYRITE
N 60E 86 NW JOINTS
N 45 W 68 SW

TR. TE-5 BLACK VEIN AT 13' N75E 69NW
MnO_2, FeO's

.15 TE-6 QUARTZ VEIN ¼" THICK AT 13½"
N50E 69 NW CALICHE COATING

TR. TE-7 13-15
WHITE, MED. GRAINED, FAIRLY SOFT. ALT TUP.
50% KAOLINITE. LAP.

NIL TE-8 15-17½
YELLOW, MED. GRAINED, FAIRLY SOFT.
ALT. TUP. FeO STAINS

TE-9 4" VEIN N72E 79NW
CRUMBLY, MIO, & FeO

TE-10 17½ - 75
[illegible]

TRENCH C

FROM ROAD NORTH

.02 TC-1 0-3.

TAN, FINE GRAINED, HARD. LIMONITE AFTER PYRITE. SOME GRAY MINERAL UNKNOWN.

.03 TC-2 3-3½

RED, FINE GRAINED, HARD, SILICIOUS.
ROCK WAS ZONED WITH RED AT CORE GRADING TO BROWN AT SURFACE WITH LIMONITE AFTER PYRITE AT SURFACE.

TR TC-3 3½-5½

WHITE, FINE TO MED. GRAINED, HARD. SILICIOUS. BANDED. JOINTS N75E 38 NW

TR TC-4 1½" VEIN

VEIN IS GREENISH IN PLACE. CONTAINS VERY FINE YELLOW CRYSTALS.
~N 40-50E 60-70 NW

TR TC-5 3"

ROCK NEXT TO VEIN.
RED, FINE TO MEDIUM GRAINED, HARD, FINE YELLOW CRYSTALS IN FRACTURES. BANDED.

TR TC-6 6-8

GRAY, FINE TO MED. GRAINED. VERY HARD.
BANDING & JOINTING N61 E 58 NW
JOINTING N71 W 66NE

.02 TC-7 10" ZEAR ZONE

PINK, FINE TO MED. GRAINED, SOFT. GRAINED. FINE LIMONITE AFTER PYRITE.

N30E 51NW

.02 TC-8 8-20

RED, MED. GRAINED, FAIRLY SOFT.

ALT. TUF. FINE HEMATITE AFTER PYRITE.

.15 TC-9 20-23 26" WIDE 3 QUARTZ VEINS.

SOME LIMONITE AFTER PYRITE.

VEINS ARE ~ 1" THICK AND TREND APPROX.

~N 60-70E 21NW

WALL ROCK IS WHITE ALT. TUF.

TR. TC-10 23-60

WHITE TO PINK, MED GRAINED. HARD ALT TUF.

ABUNDT. LIMONITE AFTER PYRITE

JOINTING N 60E 41NW

N12W VERTICAL.

TR. TC-11 60-65

WHITE MED. GRAINED, HARD. ALT. TUF.

FEO STAINGERS. LIMONITE AFTER PYRITE BECOMES FINER AWAY FROM STRINGERS.

TR. TC-12 65-67½

GRAY, HARD, MED GRAINED. ALT. TUF.

LIMONITE AFTER PYRITE FEO STAINING AT JOINTS

N1E 63NW CONTACT

TR TC-13 67½ - 70

GRAY - GREEN, MED GRAINED, HARD, UNALT. TUF.
LIMONITE & HEMATITE AFTER PYRITE.

TR. TC-14 VEIN N74E 22NW

GREENISH WHITE, VERY FINE GRAINED, VERY HARD
QUARTZ VEIN N74E 22NW

NIL TC-15 70-73

REDISH-BROWN, MED. GRAINED, FAIRLY SOFT, ALT. TUF.
ABUNDANT LIMONITE AFTER PYRITE

.05 TC-16 VEIN ~N74E 22 NW

YELLOW, MED GRAINED, FAIRLY SOFT.
ALT. TUF, FINE GRAINED LIMONITE AFTER PYRITE.
FeO STAINGERS.

.04 TC-17 73-80

BLACK, MED. GRAINED, FAIRLY SOFT, ALT. TUF.
STONG MnO STAINING WITH FeO STAINING.
LIMONITE AFTER PYRITE
N 22 W 22 SW CONTACT

TR TC-18 80-86

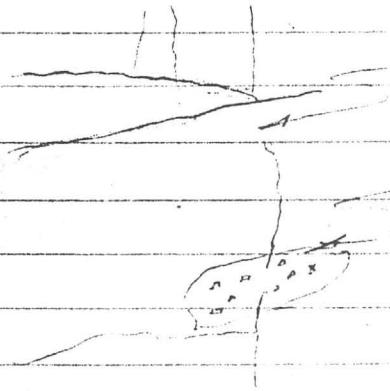
GRAY, MED GRAINED, HARD, ALT. TUF.
ABUNDANT LIMONITE AFTER PYRITE.

.04 TC-19 86-99

WHITE, MED. GRAINED, FAIRLY SOFT. ALT TUF.
SMALL (~2 mm) PARTICLES OF A GREEN MINERAL
(CHLORITE?).

.09 TC-20 99-105

WHITE, MED GRAINED, FAIRLY HARD. ALT. TUF.
SMALL VEINLETS OF FeO IN FRACTURES.
ROCK HAS INCLUSIONS OF A FINE GRAINED MATERIAL
WITH ABUNDANT LIMONITE AFTER PYRITE. AN FeO
VEINLETS IS CUT BY A PARTICLE OF THIS MATERIAL



TC-21 N/O SAMPLE

.08 TC-22 105-117

BLACK, MED. GRAINED, FAIRLY HARD, ALT. TUF
WHITE IN CENTER OF ROCK WITH FeO STAINING
AROUND CENTER. LIMONITE AFTER PYRITE.

.39 TC-23 117-119 SOUTH (FOOTWALL) OF STOPE
F.A. Ag .56
Au TR. WHITE (GREENISH), MED. GRAINED, FAIRLY HARD
ALT TUF. SOME COMMONLY WHITE (KAOLINITE?)
CRYSTALS HAVE TURNED PINK. MnO FILLINGS
IN FRACTURES.

JOINTS N 32 E 84 NW
N 39 W 75 SW
N 72 E 35 NW SAME AS THE VEIN

.69 TC-24 VEIN (STOPED) 2½-3' WIDE
FA. Ag 2.12 ABUNDANT QUARTZ, FeO, MnO, SOME
Au TR. HORN SILVER SEEN IN THE FIELD. VERY BROKEN GROUND

TA.A TC-25 GOB 6' WIDE.
FA. Ag 13.18 GRAB SAMPLE.
Au .04

TR. TC-26 124-145
GREEN, MED. GRAINED, HARD, UNALT. TUF.

NIL TC-27 145-150
VEINS OF CALCITE ~1" THICK.
NO SEVERE ALTERATION ONLY MORE FRACTURING.

NIL TC-28 150-185
GREENISH BROWN, MED. GRAINED. FAIRLY SOFT.
ALT. TUF. BROWN CHLORITE AFTER BIOTITE CRYSTALS
ARE ABUNDANT.

NIL TC-29 185
WHITE-TAN. FINE GRAINED, HARD
SMALL LIMONITE AFTER PYRITE. BANDED } 10' WIDE VEIN

TC-30 195
SAME AS TC-29 ONLY SOFT }

NIL TC-31 195-320
GREEN, MED. GRAINED, FAIRLY SOFT ALT. SLIGHTLY TUF.
LIMONITE AFTER PYRITE IN CHLORITE.

TRENCH B 7-15-79

.01 TB-1 0-4 (0-3)
YELLOW-GRAY, MEDIUM GRAINED, FAIRLY SOFT.
MOD. ALTER. TUP. MnO. FRACTURE FILLINGS, FeO STAINING
ALONG FRACTURES

.05 TB-2 4-7 3½
WHITE, MED. GRAINED, SOFT. ALT. TUP.
FeO STAINS & FILLINGS. JOINTING N85E 85NW

.02 TB-3 7-8 3½-3
YELLOW, MED. GRAINED, FAIRLY SOFT, ALT. TUP.
FeO STAINED. LIMONITE AFTER PYRITE (SOME IN
EUHEDRAL CHLORITE CRYSTALS)

TR. TB-4 8-16
UNALT. TUP.
JOINTING N41W 67.5W

.02 TB-5 12-16 4½
WHITE, MED. GRAINED, SOFT, ALT. TUP.
FINE LIMONITE AFTER PYRITE, MnO STAINING &
FeO STAINING. VEIN AT SURFACE OF WEST
WALL DIPPING TO THE WEST.

TR. TB-6 16-20 3
YELLOW-GRAY, MED. GRAINED, FAIRLY SOFT
MOD ALT. POR. TUP. FINE LIMONITE AFTER PYRITE.
FeO STAINING.

TR. TB-7 20-26 4

WHITE, FINE GRAINED, VERY SOFT.
LIMONITE AFTER PYRITE, FE0 STAINING.

TR. An TR. TB-8 26-31½ 4½

GRAY MEDIUM GRAINED, HARD. MOD. ALT.
TUF. SOME LIMONITE AFTER PYRITE. SOME FINE
GRAINED GREEN INCLUSIONS
JOINTING: N30E 74 NW
N30W 64 NE
N23W 70 SW

TR. TB-9 31½-34½ 4

WHITE, MED GRAINED, SOFT, ALT. TUF.
LIMONITE AFTER PYRITE. FE0 STAINS.

NIL An TR. TB-10 34½-67 3½

JOINTS N58E 64SE
N2W 63 NE
SEE TB-8

NIL TB-11 67-80 3

SEE TB-8 ONLY MORE LIMONITE
AFTER PYRITE

NIL TB-12 80-83½ 3

SEE TB-8

NIL TB-13 83½-117 4

WHITE-TAN, FINE GRAINED, SOFT, ABUNDANT
LIMONITE AFTER PYRITE (FINE).
CONTACT ~N10E 62 NW

Nil TB-18 80-100 4

BROWN, MED. GRAINED, SOFT, ALT. TUF

ABUNDANT FINE LIMONITE AFTER PYRITE

Nil TB-1A 180-160

SEE TB-8

JOINTING N20W 66NE

N65E 44NW

N74W 83SW

STATE OF MAINE MINE

TRENCH A ROCK DESCRIPTIONS

7-27-79

AG SHAKER N 34 W : TRENCH BEARING

TEST OF IRON

.54 CONTAM.? TA-1 0'-2.5' LENGTH (1.5') DEPTH OF TRENCH
WHITE, MEDIUM GRAINED, HARD. LIMONITE AFTER PYRITE CASTS (<1mm). SOME FeO STAINING ON ROCK SURFACES

.25 CONTAM.? TA-2 2.5-7.0' (1.5)
PINK, FINE GRAINED GROUND MASS WITH SMALL (<1mm) WHITE CRYSTALS OF KAOLINITE(?). HARD.

.14 TA-3 7.0'-11.0' (2.0)
WHITE, MEDIUM GRAINED, HARD. SIMILAR IN APPEARANCE TO TA-1. LIMONITIC VEINLETS.

.05 TA-4 11.0-11.8 (2.0)
WHITE-TAN, MEDIUM GRAINED, SOFT. FAIRLY UNCONSOLIDATED.

.07 TA-5 11.8-16.0 (2-3½)
GRAY, FINE TO MEDIUM GRAINED, HARD. BANDING (OR FLOW STRUCTURE) FOLLOWS DIP. LAST 6", IS VERY BROKEN. STRUCTURE (VEIN) ATTITUDE N80E 81°NW

.04 TA-6 16.0-16.5' (3.5)
BLACK, MEDIUM GRAINED, FAIRLY HARD, VERY BROKEN MnO_2.

.04 TA-7 16.5 - 17.2 (3.5)
GRAY, FINE TO MEDIUM GRAINED, VERY HARD. BANDING, PYRITE CASTS (EMPTY). FeO STAINING ALONG FRACTURES. MnO IN FRACTURES.

.06 TA-8 17.2' - 20.5' (3.5)
F.A. Ag .20 Au TR.
GRAY, MEDIUM GRAINED, FAIRLY SOFT. ALTERED PORPHYRY. 80% CLAY (KAOLINITE) 10% CHLORITE EPIDOTE, 10% QUARTZ. MnO FILLING FRACTURES. SOME FeO SOAKING INTO ROCK.

.04 TA-9 20.5-20.8' (.4.0)
BLACK, MEDIUM GRAINED, SOFT, ALTERED PORPHYRY. ABUNDANT MnO. MINOR FeO. (N10W 70NE) JOINTING.

.08 TA-10 20.8 - 21.8 (5.5)
WHITE, MED GRAINED, FAIRLY SOFT. ALTERED PORPHYRY, MnO STRINGERS. MINOR FeO. (N40W 66SW) JOINTING.

.04 TA-11 21.8 - 19.0 (5.5)
BROWN, MED GRAINED, SOFT ALTERED PORPHYRY, MnO STRINGERS, FeO STRINER.

.05 TA-12 19.0 - 31.6 (6.0)
RED-BROWN, MED GRAINED, FAIRLY HARD, ALTERED PORPHYRY. FeO STAINING, LIMONITE AFTER PYRITE, MINOR MnO.

.05 TA-13 31.6 - 32.6 (6.0)
BROWN-YELLOW, MED GRAINED, SOFT, ALTERED PORPHYRY. CRUSHED (UNCONSOLIDATED)

.04 TA-14 32.4 - 35.7 (6.0 - 6.5).
YELLOW-RED, MEDIUM GRAINED FAIRLY SOFT, ALTER. PORPHYRY. FRESH SURFACE IS SAME AS TA-8. FeO FRACTURE FILLINGS. SOME LIMONITE AFTER PYRITE. (N76W 16 NE).

NIL TA-15 35.7 - 39.2 (6.5)
GRAY-WHITE, MEDIUM GRAINED, FAIRLY SOFT. ALT. POR. SAME AS TA-8. VEINLETS OF STONG MnO.

TR. TA-16 39.2 - 39.8 (6.0)
RED-YELLOW, MEDIUM GRAINED, FAIRLY SOFT, ALT. POR. LIMONITE AFTER PYRITE. FeO STAINING.

NIL. TA-17 39.8 - 41.8 (6.0)
GRAY-WHITE, MED. GRAINED. FAIRLY SOFT. ALT. POR. SAME AS TA-8. ROCK IS SPOTTED WITH FeO STAINS FROM LIMONITE AFTER PYRITE.

.05 F.A. to .16 in TR. TA-18 41.8 - 46.8 (5.5 - 4)
BROWN (WEATHERED), GREEN (FRESH). HARD, UNALTERED PORPHYRY. CONTAINS CHLORITE (5%), QUARTZ (5%), FELDSPAR (60%), GREEN FINE GRAINED MATRIX (30%). FeO STAINING IN FRACTURES WITH MINOR MnO.
JOINTING: N76E 74 NW; N0° 77E

.13 TA-19 46.8 - 49.8 (2 - 1½)
SEE TA-17 JOINTING: N84E 57 NW

.39 TA-20 49.8 - 50.5 (1)
BLACK, FINE GRAINED, VERY HARD VEIN. HEAVY MnO (SOME VERY HARD & DENSE). STRONG FeO IN VUGS. SILICIOUS. N70E 64 NW

.15 TA-21 50.5 - 51.5 (½)
YELLOW-BROWN, FINE TO MEDIUM GRAINED, VERY HARD.
VEIN, ABUNDANT FeO & MnO. CALCITE FILLED FRAITURES.
SILICIOUS.

NIL TA-22 51.5 - 52.9 (½)
BLACK, FINE GRAINED, VERY HARD, SILICIOUS
PORPHYRY (?), ABUNDANT FeO & MnO. REACTS WITH HCl.

NIL TA-23 52.9 - 53.9 (1)
DARK GRAY, MEDIUM GRAINED, HARD, ALT. PORPHYRY,
GROUND MASS IS BLACK. BUT TEXTURE IS SIMILAR
TO TA-18

NIL TA-24 53.9 - 70.0 (1½-2½)
SEE TA-18 JOINTING: DUE N 12 E
N10 W 90°
N60E 36NW

TRENCH BEARING: N 15 W

NIL TA-25 11.75 - 14.25 (3-4½)
YELLOW-RED, FINE TO MEDIUM GRAINED, FAIRLY SOFT
ALT. POR. SPOTTED FeO STAINING.

NIL TA-26 GRAB SAMPLE
WHITE, VERY FINE GRAINED, VERY SOFT,
FAULT GOUGE POWDER.

NIL TA-27 14.25 - 20 (2)
SEE TA-18

TRENCH BEARING: N53W

NIL TA-28 2-2.5 (2)
YELLOW-RED, MEDIUM GRAINED, FAIRLY HARD, ALT. POR. SAME MINERALS AS TA-8. SPOTTED FeO STAINS.

NIL TA-30 2'8" - 8' (2)
GRAY, MEDIUM GRAINED, FAIRLY HARD. ALT. POR. FeO STAIN SOAKED INTO ROCK. MnO SPOTS IN FRACTURES. JOINTING: N80E 58 NW
N20W 65 NE
N17W 69 W

NIL TA-31 AT CO'
RED OUTSIDE, WHITE INSIDE, FINE TO MEDIUM GRAINED, SOFT. FeO STAINS WITH MnO SPOTS.

NIL TA-32 8-67' (4)
LIGHT GREEN, SEE TA-8. MORE CHLORITE GIVES GREENISH APPEARANCE.

NIL TA-33 17-22½ (3)
BLACK & RED. MEDIUM GRAINED, FAIRLY SOFT ALT. POR. FeO STAINING, STRONG MnO STAINING.

NIL TA-29 5-28" (4)
WHITE-TAN, MED. GRAINED, SOFT, ALT. POR.

TRENCH BEARING N 61 W

NIL TA-34 0 - 1' (3)
WHITE, MED. GRAINED, FAIRLY SOFT. SMALL FeO VEINLETS. ROCK IS PREDOMINANTLY CLAY (KAOLIN)

NIL TA-35 1-7 (3)
SEE TA-32

NIL TA-36 7-9 (3)
SEE TA-8

NIL TA-37 9-10 (3)
SEE TA-15

N 81 W TRENCH BEARING

NIL TA-38 0-7 (4-5)
SEE TA-32

NIL TRACE TA-39 7 - 8½ (5)
WHITE, GRAY MEDIUM GRAINED, HARD, FeO VEINLETS. ALT. POR.

NIL TA-40 8½ - 23½ (5-3)
GRAY-GREEN, HARD, MED. GRAINED. SIMILAR TO TA-18 ONLY MORE MnO.

N 84 - W TRENCH BEAR.

.06 TA-41 0-3 (3) YELLOW-RED, MED. GRAINED, FAIRLY SOFT. ALT POR. SAME AS TA-8 ONLY THOUGHLY FeO STAINED

.03 TA-12 3-10 (2-3)
SEE TA-8

.04 TA-13 10-30 (1-3)
SAME AS TA-18 ONLY MUCH SOFTER.

N 76 W TRENCH BEAR

No Solution TA-14 30-35½ (4)
BLACK, RED, & YELLOW, FINE GRAINED, DOMANANTLY MnO. & FeO. HARD.

No Solution TA-15 33½-55 (5.5)
SEE TA-6

No Solution TA-16 N54W 55-115 N24W 115-137
FILL

.03 TA-17 137-170 (5.5)
SEE TA-13

N 4W

.03 TA-17 0-52 (3.5)

Nil TA-18 52-60 (3-5)
SAME AS TA-13 ONLY HAS WHITE VEINLETS OF VERY SOFT FINE GRAINED MATERIAL. WHITE MAT. REACTS WITH HCL

Nil TA-19 60-85 (3)
SEE TA-18

Nil TA-50 85-87 (3.5)
GRAY (MOTTLED), MED. GRAINED VERY SOFT.
SOME MnO & FeO, REACTS WITH HCl.
+ N 18E TRENCH BEARING.
UNALTERED PORPHYRY 87-92½ (3)
SEE TA-18

DECOMPOSED UNALT. POR. 92½-100 (1-3)
SEE TA-43

.07 TA-51 100-104 (3)
WHITE, MED. GRAINED FAIRLY SOFT. ALT.
PORPH. FeO FILLING FRACTURES WITH SOME
Mn_2O_3.

UNALT. POR. 104-121 (2½)
SEE TA-18

Nil TA-52 121-122 (2½)
WHITE FINE GRAINED STRINGERS IN TA-43
MATERIAL.

DECOMPOSED UNALT. POR. 122-133 (2)
SEE TA-43

Nil TA-53 133-157 (2-6-5)
GRAY, MEDIUM GRAINED, FAIRLY SOFT.
ALT. POR. 20% CHLORITE, 30% SERICITE
20% QUARTZ, 30% FINE GRAINED GROUND MASS
INTERMEDIATE ALTERATION BETWEEN TA-8
& TA-18.

NIL TA-54 AT 150 (5.5)
DARK BROWN, MED. GRAINED, SOFT.
HEAVY FeO & MnO STAINING.

UNALTERED PORPHYRY 157-174 (3½-4)
SEE TA-43

NIL TA-55 174-177 (4)
YELLOW, MED GRAINED, SOFT. FeO
STAINING. FINE GRAINED, POWDERY WHITE
VEINLETS THRU ROCK.

DECOMPOSED POR. 177-190 (4-3½)
SEE TA-43

UNALTERED POR. 190-210 (6-3½)
SEE TA-18

NIL TA-56 210-226 (4½-6)
SEE TA-32 MnO & FeO STRINGERS.

UNALTERED POR. 226-230 (6)
SEE TA-18

DECOMPOSED POR. 230-273 (6-5.5)
SEE TA-43

NIL TA-57 273-290 (3)
SEE TA-3; LIMONITE AFTER PYRITE.
MED. GRAINED.

TR. TA-58 0-18 (3½-1)
SAME AS TA-8 ONLY HARDER. ($CaCO_3$ COATING. (FRACTURE FILLING).

.03 TA-59 AT 18 (3½).
BROWN, FINE GRAINED, HARD, MnO_2 VEINLETS. ROCK COMPOSED OF FeO_3.

NIL TA-60 18-30 (5)
SEE TA-8, LIGHT GREEN, FINE GRAINED, VERY SOFT MATERIAL ALONG FRACTURES.

TR. TA-61 30-33 (4-3)
SEE TA-8 (ONLY VERY HARD)

.04 TA-62 33-39 (2½)
YELLOW TO RED, FINE GRAINED, HARD. FIBEROUS MnO. ABUNDANT FeO

NIL TA-63 34-65 (5)
SAME AS TA-8 ONLY HARDER.

NIL TA-64 55-57 (5)
SAME AS TA-8 ONLY FRACTURES ARE FILLED WITH MnO. ROCK COLOR BECOMES BLACK

NIL TA-65 AT 65' VEIN OF MnO (3)
MnO VEIN Dip ~ 27° S. IN WHITE, MGA GRAINED, SOFT, ALT. POR.

NIL TA-66 At 70 (1' DOWN)
BLACK, MED. GRAINED. SOFT. SMALL
POCKET OF HEAVY MNO.

.04 TA-67 65-90 (3)
SAME AS TA-8 ONLY HARDER

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MEASUREMENT FROM NORTH END OF TRENCH

NIL TA-68 235-215 (1½)
SEE TA-43

NIL TA-69 215-210 (1½-2½)
WHITE, MED. GRAINED, FAIRLY HARD, ALTERED
PORPHYRY. SOME LIMONITE AFTER PYRITE. FeO
STAINING.

UNALT. TOP 210-180 (2½-6)

TR. TA-70 At 180 (6)
WHITE, FINE GRAINED, VERY SOFT (POWDERY)
SMALL VEIN IN TOP.

PIPE LINE 180/170 (3)

UNALT. TOP 180-170 (3)

.01 TA-71 170-167 (3-4)
WHITE, MEDIUM GRAINED, VERY SOFT, FeO
STAINING.

UNALT. TUF 167-163 (4-6½)

NIL TA-71 163-160 (6½)
YELLOW, MED. GRAINED, SOFT, ALT. TUF.
LIMONITE AFTER PYRITE. FeO STAINED.

UNALT. TUF 160-148 (6½-4)

NIL TA-73 148-145 (4)
GRAY, MED. GRAINED, HARD. ALT. TUF.
CHLORITE ALTERATION GIVE A GREENISH TINT,
ESPECIALLY IN FRACTURES. FeO STAINS IN FRACTURES.

NIL TA-74 145-144 (3)
WHITE, MED GRAINED, HARD. ALT. TUF.
SPLOCHES OF FeO FROM LIMONITE AFTER
PYRITE.

TR. TA-75 144-140 (3)
WHITE, MEDIUM GRAINED, FAIRLY HARD, ALT. TUF.
LIMONITE AFTER PYRITE IN FRACTURES.

.09 TA-76 140-138 (3-2½)
GRAY, MED. GRAINED. HARD, ALT. PORPH TUF.

.09 TA-77 138-135 (1½)
WHITE, MED GRAINED, HARD ALT. TUF.

NIL TA-78 135-130 (1)
WHITE, MED GRAINED, HARD, ALT. TUF.
LIMONITE AFTER PYRITE.

Nil TA-79 130-126 (1-3)
LIGHT GREEN TINT, MED GRAINED, HARD.
ALT. TUF.

.23 TA-80 126-121 (3)
GRAY, MED. GRAINED, HARD ALT TUF.
FEOSTAINS & LIMONITE AFTER PYRITE IN FRACTURES.

Nil TA-81 121-106 (3-1)
WHITE, MED. GRAINED, FAIRLY SOFT. ALT. TUF.
FEO STAINS.

Nil TA-82 106-104 (5)
WHITE, MED. GRAINED, HARD, ALT TUF.
LIMONITE AFTER PYRITE, FEO STAINING ALONG
FRACTURES.

PIPELINE.

UNALT. TUF. 104-0 (3-1½)

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SMALL QUARTZ VEIN NEAR XXX SHAFT
N 45 E 41 NW

.05 FOOT WALL
RED, MED GRAINED, HARD. ABUNDT. FINE.
LIMONITE AFTER PYRITE

.20 TR. VEIN
BROW → CLEAR (ALMOST PURPLE), QUARTZ CRYSTALS,
COARSE, VERY HARD & CRUMBLY.

.11 TR. HANGING WALL
WHITE MED. GRAINED HARD, LIMONITE AFTER PYRITE CASTS.

NIL TA-83 0-11
WHITE, MED. GRAINED, FAIRLY HARD. ALT. TUR.
ABUNN. LAP. FeO STAINING, MnO IN FRACTURES.
N46W 60SW
N51E 31NW (MOST PROMINENT)

.03 TA-84 11-13 1½ FT VEIN
SAME AS TA-83 ONLY BROKEN & VERY CRUMBLY.
~N51E 31NW

NIL TA-85 13-15
WHITE, MED. GRAINED, HARD. ALT. TUR. LAP.

TR TA-86 15-20
WHITE, MED. GRAINED, FAIRLY HARD, ALT. TUR.
MnO IN FRACTURES

.11 TA-87 MnO VEINLETS IN TA-86
BLACK MnO, SOME FeO's.

?TR TA-88 15-32
WHITE, MED. GRAINED. SOFT. ALT. TUR.
VERY CRUMBLY.

.26 TA-89 AT 29 FT
QUARTZ VEIN 1 IN. MnO IN OPEN SPACES.
FeO's.
DUE EAST 66°N

TR. TA-90 At 34
RED, MED. GRAINED, FAIRLY SOFT, ALT TUF.

.05 TA-91 At 31
VEIN OF MnO ¼" THICK.
N15E 29 NW

.52 TA-92 At 32
F.A. Ag .84 QUARTZ VIEN ~1" THICK
Au TR.

.02 TA-93 WALL ROCK FROM 90, 91, & 92.
WHITE, MED GRAINED, FAIRLY SOFT. ALT. TUF.
L.A.P.

HIGH GRADE VEIN IN DRIFT (MINED)
DUE E 44N

.52 TA-94
QUART (AMETHYST?) VEIN IN FOOTWALL OF DRIFT.
~N80E JEAT

.45 TA-95 ROCK BETWEEN HIGH GRADE VEIN & 94.
F.A. Ag .40 WHITE, MED. GRAINED, FAIRLY HARD, ALT. TUF.
Au .01 L.A.P.

.15 TA-96 38-40
WHITE, MED. GRAINED, FAIRLY HARD, ALT. TUF.
L.A.P.

.12 TA-97 40

SAME AS TA-94 NSAE VEIN.

.07 TA-98 40 - 41½

RED. MED GRAINED, FAIRLY HARD, FLT. TUR.
GREEN CHLORITE CRYSTALS ~1mm.

✓ 1.22 TA-99 41½

F.A. Ag 1.66
Au TR

RED MED GRAINED HARD ROUND QUARTZ
CRYSTALS (CLEAR) ~2mm. MnO
~N55E VERT

.04 TA-100 41½ - 44½

SAME AS TA-98 ONLY LAR,

.22 TA-101 44½

SAME AS TA99 ONLY MORE SILICIOUS IN PART.

.07 TA-102 44½ - 50

WHITE, MED. GRAINED, FAIRLY HARD, FLT. TUR.
LAR.

.13 TA-103 AT 50 2½ FT VEIN.

VERY SILICOUS, ABUNDANT FeO (LIMONITE - HEMATITE)
MINOR MnO. ~N60E 52 NW

.12 TA-104 50 - 53

WHITE, MED. GRAINED, FAIRLY HARD FLT. TUR.
VERY SPOTTED WITH HEMATITE (POSS. BLY AFTER PYRITE)

.07 TA-105 AT 53

VEIN, SILICIOUS, ABUNDANT FeO

TR. TA-106 53-70

WHITE to GREEN, MED. GRAINED, FAIRLY SOFT, ALT TUP

NOT AS ALT. AS TA'S 75-105