UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SW. NE.

400 W 0 400 E 800 E 1200 E 1600 E 2000 E 2400 E 2800 E 3200 E

3000' 2500' 2000' 1500' 1000' 500'

90 3144.7' | 80 3116.9' | 81 3100.7' | 87 3089.9' | 101 3088.0' | 89 3087.4' | 103 3040.7' | 88 3014.9' | H-16 2994.1'

Gila (?) conglomerate

Unconformable contact

FAULT

SAN MANUEL FAULT

WEST FAULT

EAST FAULT

COPPER 1%

Zone of oxidation

Secondary copper-sulfide zone

Primary copper-sulfide zone

Pyritic zone

Hanging wall, some oxidation and enrichment Avg. 0.294% Cu

Avg. 0.25% Cu

Avg. 0.616% Cu

Avg. 0.306% Cu

Total depth 2750 feet

Copper oxide and sulfide Avg. 0.267% Cu

Primary copper sulfide and some iron oxide Avg. 0.415% Cu

Avg. 0.604% Cu

Avg. 0.266% Cu

Total depth 2635 feet

Oxide and secondary sulfide Avg. 0.558% Cu

Avg. 0.569% Cu

Avg. 0.33% Cu

Total depth 1135 feet

Avg. 0.604% Cu

Avg. 1.13% Cu

Avg. 0.424% Cu

Avg. 0.525% Cu

Avg. 0.404% Cu

Avg. 0.98% Cu

Total depth 2138 feet

Slightly enriched in upper part Avg. 0.47% Cu

Avg. 0.241% Cu

Avg. 0.834% Cu

Avg. 0.137% Cu

Total depth 2408 feet

Avg. 0.152% Cu

Avg. 0.625% Cu

Avg. 1.71% Cu

Avg. 0.687% Cu

Avg. 0.44% Cu

Avg. 0.79% Cu

Avg. 0.35% Cu

Total depth 2265 feet

Avg. 0.193% Cu

Avg. 1.51% Cu

Avg. 0.571% Cu

Avg. 0.441% Cu

Total depth 1105 feet

Avg. 0.047% Cu

Avg. 0.656% Cu

Avg. 0.21% Cu

Avg. 0.252% Cu

Avg. 0.75% Cu

Avg. 0.238% Cu

Total depth 2095 feet

Total depth 1820 feet

100 0 500 Feet

Horizontal and vertical scale

Datum is mean sea level

EXPLANATION

- Gila (?) conglomerate
- Monzonite porphyry
- Quartz monzonite
- Rhyolite
- Diabase
- Fault, showing relative movement; dashed where approximately located
- Total copper content
- Content of nonsulfide copper in assays

LONGITUDINAL SECTION ALONG DRILL GRID COORDINATE 1700 S SHOWING GEOLOGIC LOG AND ASSAY GRAPH OF THE DRILL HOLES

246133 O - 53 (In pocket)