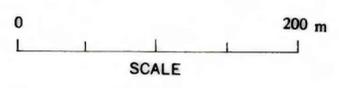


GEOLOGIC MAP EXPLANATION

- TERTIARY?**
- bad **MAFIC DIKE** - Late, unmetamorphosed, fine-grained; arrow indicates dip
- PRECAMBRIAN**
- qcp **QUARTZ PORPHYRY DIKE** - Blue quartz phenocrysts as much as 5 mm in diameter
 - qcb **QUARTZ-CRYSTAL PYROCLASTIC BRECCIA** - Both fragments and matrix contain blue-gray quartz crystals. Weakly to moderately schistose. Weathers gray
 - qct/dm **QUARTZ-CRYSTAL TUFF** - Not obviously layered. Displays marked schistose structure. Contains blue-gray quartz crystals as much as 5 mm in diameter. Weathers gray to light green. Contains narrow lenses of marble (dm), partly dolomitic; in places cut by veins of milky quartz; interlayered with quartz-crystal tuff; weathers brown to gray-brown
 - baf **METABASALT TO META-ANDESITE** - Locally has pillow structures and is vesicular. Weathers to dark green
- CONTACT**
- FAULT**
- QUARTZ VEIN**
- GOSSAN**
- DISSEMINATED PYRITE**
- ANTICLINAL FOLD AXIS** - Showing direction of plunge
- STRIKE AND DIP OF LAYERING**
- STRIKE AND DIP OF FOLIATION**
- ANCIENT WORKINGS**
- ANCIENT SLAG PILE**
- HORIZONTAL PROJECTION OF INCLINED DIAMOND DRILL HOLE**
- RUINS**
- SURVEY POINT (BASE LINE)**



GEOPHYSICAL AND GEOCHEMICAL MAP EXPLANATION

- CONTOUR OF CRONE ELECTROMAGNETIC RESULTANT DIP ANGLE** - Dashed where uncertain. Contour interval, 2°. Horizontal-shootback mode; coil separation, 100 m; medium frequency (1830 Hz)
- RESULTANT DIP-ANGLE LOW**
- COPPER-ANOMALOUS AREA** - Area in which copper content of rock-chip samples is greater than 150 ppm
- CRONE ELECTROMAGNETIC DATA POINT** - Center of coil pair

Geology and geochemistry after Smith (1980). Induced polarization anomalies after ARGAS (1976). See figure 2 for approximate location of figure.

This report has not been edited or reviewed for conformity with U.S. Geological Survey standards and nomenclature.

MAP SHOWING CRONE ELECTROMAGNETIC RESULTANT DIP-ANGLE CONTOURS, GEOLOGY, AND COPPER ANOMALIES, DHAHAR AREA, KINGDOM OF SAUDI ARABIA 1983