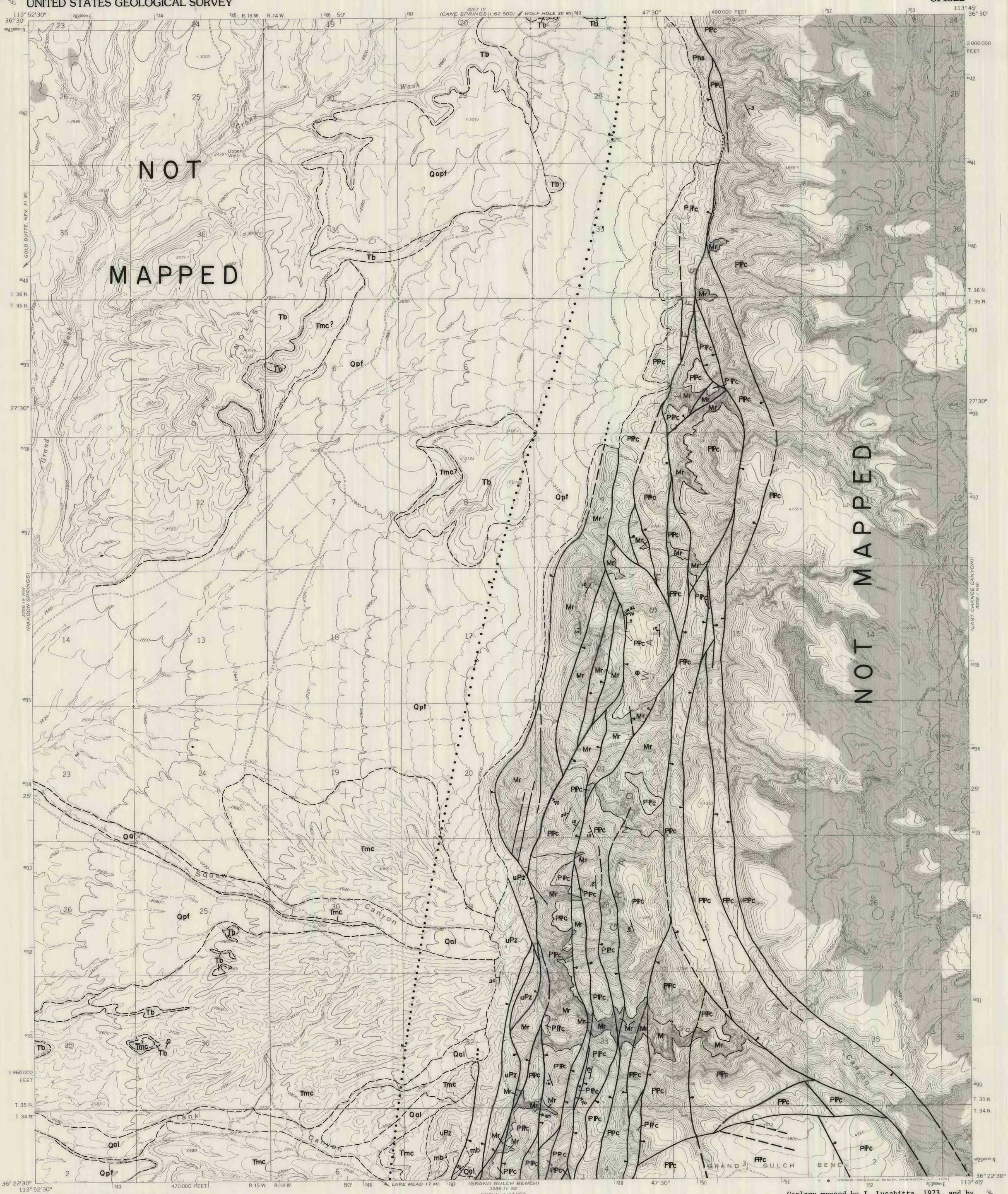
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT
81-1322



Base from U. S. Geological Survey, 1971

Geology mapped by I. Lucchitta, 1973, and by I. Lucchitta and S. Beard, 1978

SCALE 1:24 000

1 MILE — 7000 FEET — 1 KILOMETER

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
(GN 1°40' 30 MILS; MN 15° 267 MILS)

ARIZONA
QUADRANGLE LOCATION

See accompanying pamphlet for explanation

PRELIMINARY GEOLOGIC MAP OF THE OLAF KNOLLS QUADRANGLE, MOHAVE COUNTY, ARIZONA

By

Ivo Lucchitta and Sue Beard

1981