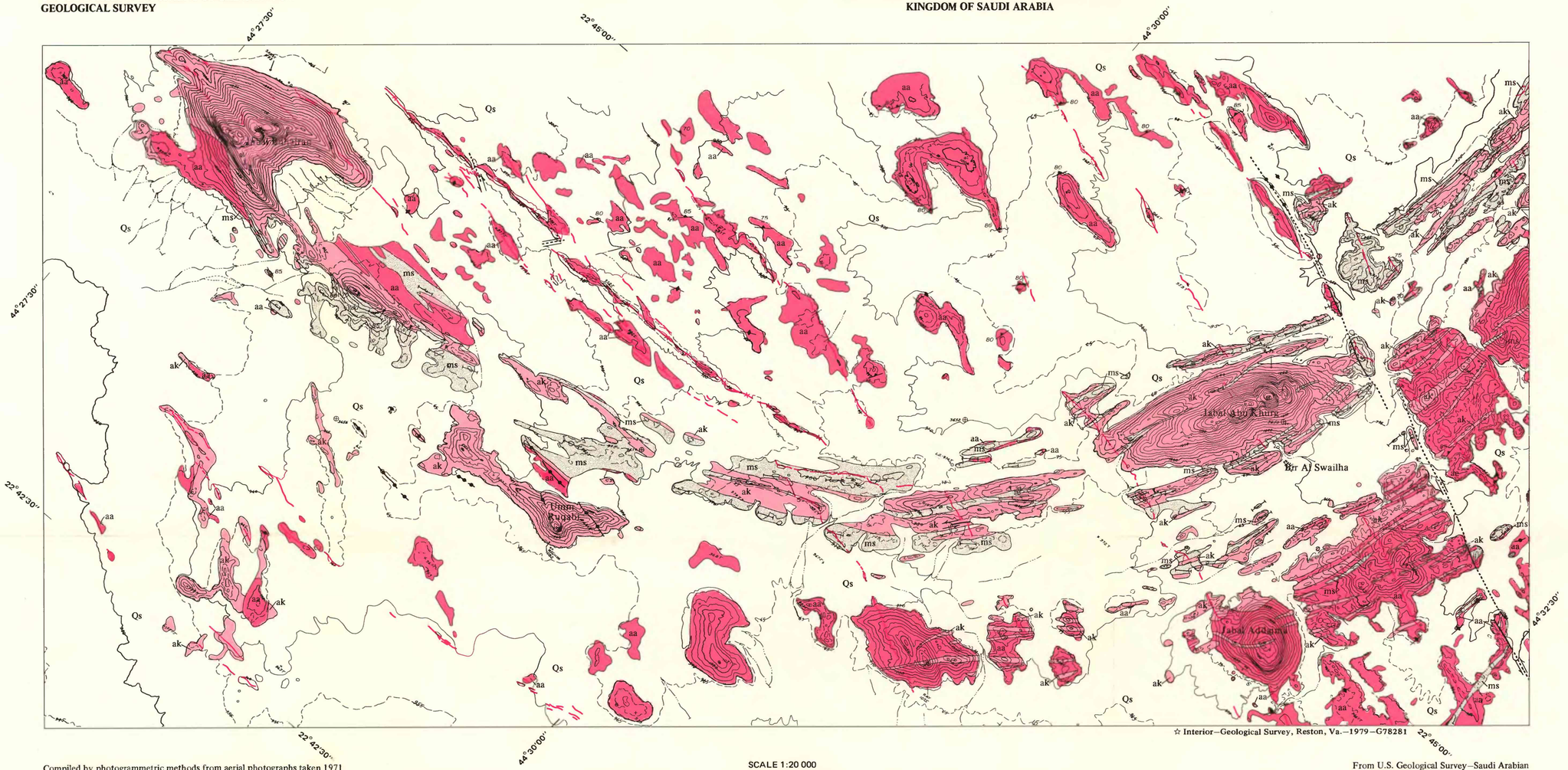
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with the
MINISTRY OF PETROLEUM AND MINERAL RESOURCES,
KINGDOM OF SAUDI ARABIA

PROFESSIONAL PAPER 774-E
PLATE 1



EXPLANATION

QUATERNARY

Qs — Surficial deposits

Unconformity

PRECAMBRIAN

Quartz vein

Mafic dike

Felsic dike

ak — Leucogranite of Jabal Abu Khurg

aa — Granodiorite of Al Areyef

ms — Metasedimentary rocks

Contact
Triangle indicates locality where contact well exposed at time of mapping

Fault
Showing relative horizontal movement. Dotted where concealed

80 — Inclined; Vertical
Strike and dip of beds

85 — Inclined; Vertical
Strike and dip of cleavage

75 — Inclined; 85 — Inclined, strike variable; Vertical
Strike and dip of primary foliation in granitic rocks

☆ Interior—Geological Survey, Reston, Va.—1979—G78281

Compiled by photogrammetric methods from aerial photographs taken 1971
Topography and control by U.S. Geological Survey

SCALE 1:20 000

500 0 500 1000 1500 2000 METERS

CONTOUR INTERVAL 10 METERS
WITH SUPPLEMENTARY CONTOURS AT 5-METER INTERVALS

From U.S. Geological Survey–Saudi Arabian Project Report 163, 1973

N

GEOLOGIC MAP OF PART OF THE UYAIJAH RING STRUCTURE, BUHAIRAN-ABU KHURG AREA

KINGDOM OF SAUDI ARABIA