72-176

MINISTRY OF PETROLEUM
AND MINERAL RESOURCES

KINGDOM OF
SAUDI ARABIA

DIRECTORATE OF
MINERAL RESOURCES

Base map is eastern half of Sheet 93 in Ministry of Petroleum photomosaic map series. Aerial photography 1956 and controlled mosaic 1958, Aero Service Corp., Philadelphia, Pennsylvania, U.S.A.

Geology modified from Brown, G.F., Layne, N., Goudarzi, G., and MacLean, W.H., A.H. 1383 (1963), Geology of the Northeastern Hijaz Quadrangle, Kingdom of Saudi Arabia: U.S. Geological Survey Misc. Geol. Inv. Map I-205A by C.L. Hummel on basis of reconnaissance mineral survey during March, 1966

# GEOLOGY AND MINERAL DEPOSITS OF THE WADI AN NUQUMI QUADRANGLE, NORTH CENTRAL KINGDOM OF SAUDI ARABIA


By

**Charles L. Hummel**

United States Geological Survey


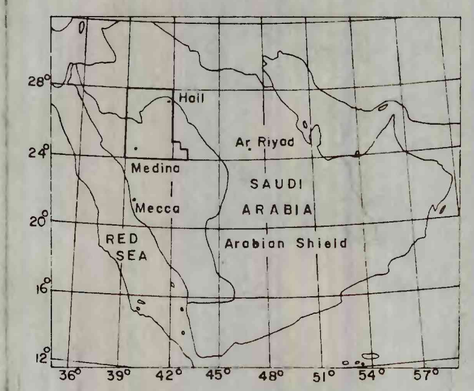


PLATE I