



EXPLANATION

Results of spectrographic analyses  
of wadi sand

COPPER, ZINC, AND MOLYBDENUM

●  
Location of sample with 20 ppm (parts per million) or less copper; also, less than 100 ppm zinc and 2 ppm or less molybdenum, unless otherwise indicated

○  
Location of sample with 30 to 70 ppm copper; also, less than 100 ppm zinc and 2 ppm or less molybdenum unless otherwise indicated; Cu-threshold 70 ppm copper

⊙  
Location of sample with 100-200 ppm copper; also, less than 100 ppm zinc and 2 ppm or less molybdenum unless otherwise indicated; Cu-threshold 100 ppm copper; Cu = anomalous 150-200 ppm copper

○  
Location of sample with 300 ppm copper; also, less than 100 ppm zinc and 2 ppm or less molybdenum; Cu = anomalous copper

ZINC

▲  
Threshold 100 ppm zinc; located by adjacent copper symbol

△  
Anomalous 150 ppm zinc; located by adjacent copper symbol

MOLYBDENUM

□  
Threshold molybdenum, 3 ppm-5 ppm; located by adjacent copper symbol

■  
Anomalous molybdenum, 7-15 ppm; located by adjacent copper symbol

OTHER ELEMENTS

B, boron; Ba, barium; Be, beryllium; Co, cobalt; Cr, chromium; Ga, gallium; La, lanthanum; Mn, manganese; Nb, niobium; Ni, nickel; Se, scandium; Sn, tin; Sr, strontium; Ti, titanium; V, vanadium; Y, yttrium; Z, zirconium; located adjacent to copper symbol. In ppm, parts per million.

Ga 70

Other anomalous elements and values

Ba 700

Other Threshold elements and values

(Cu 100)

Threshold element in detrital magnetite by chemical analysis: 100 Cu, 700 Zn, and 30-50 Mo. Anomalous elements: 150 Cu, 1000-1500 Zn, and 70-100 Mo

✦  
Scheelite and/or powellite  
Present in wadi sand (superimposed on symbol for copper)

AERIAL PHOTOGRAPHY 1955 AND CONTROLLED MOSAIC 1956  
AERO SERVICE CORP., PHOTOGRAMMETRIC ENGINEERS  
PHILADELPHIA 20, PENNSYLVANIA, U. S. A.

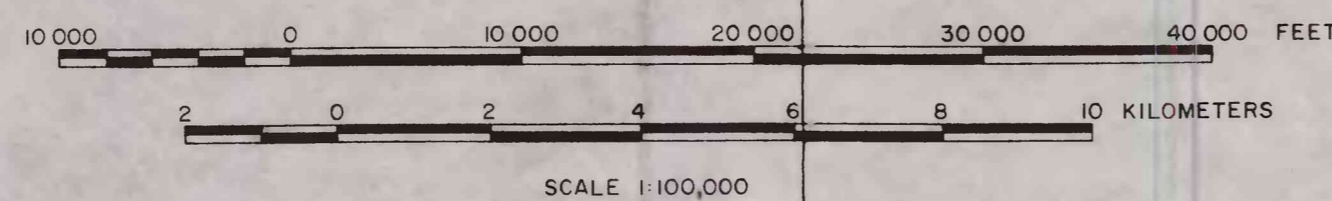


PLATE 2. MAP OF SELECTED ELEMENTS IN RECONNAISSANCE SAMPLES, WADI WASSAT  
QUADRANGLE, KINGDOM OF SAUDI ARABIA

by  
William C. Overstreet and Darwin L. Rossman  
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