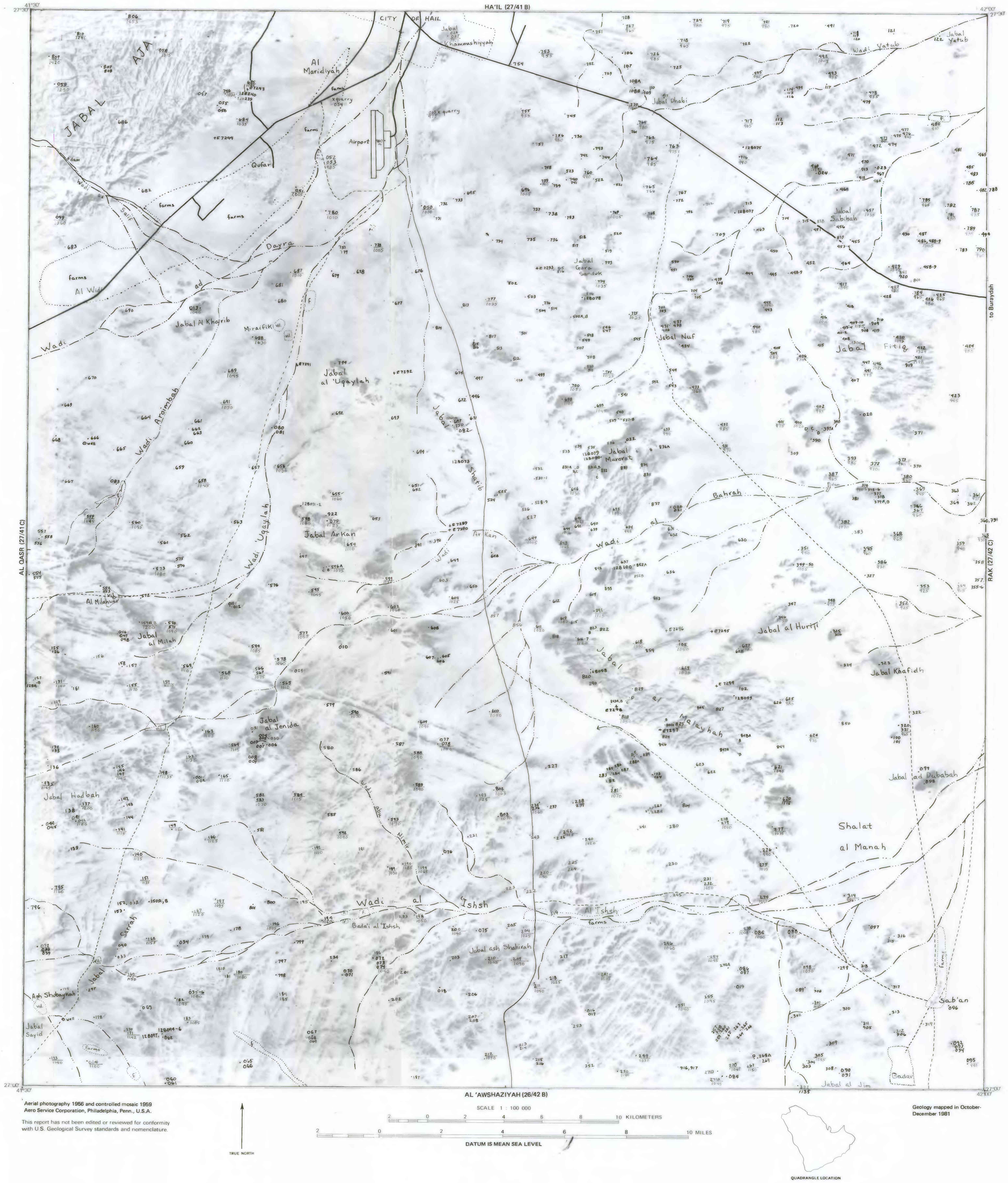
U.S. DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, PREPARED FOR

MINISTRY OF PETROLEUM AND MINERAL RESOURCES
DEPUTY MINISTRY FOR MINERAL RESOURCES

KINGDOM OF SAUDI ARABIA

OPEN-FILE REPORT 84-159
PLATE 2



EXPLANATION

x1120	Elevation, approximate in meters above sea level; corrected to elevation at Ha'il airport
.490	RASS sample locality, last three digits only, prefixed by 180 (e.g., 180490)
495 / 1195	Rass sample locality above line, last three digits only, prefixed by 180; approximate elevation above sea level in meters, below line
.128239	Rock sample collected by D. B. Stoeser
+E7298	Wadi sediment sample, collected by J. E. Elliott
F	Approximate boundaries for villages (vil.), farms (f.), and city of Ha'il
	Flood control dam
	Paved highway
	Graded road
	Major dirt track
	Major wadi channel
	MINERAL LINEATION
	STRIKE AND DIP OF FRACTURE CLEAVAGE
70	Inclined
	Vertical
x180360	SAMPLE LOCALITY REFERRED TO IN TEXT
x23.4±02Ma	POTASSIUM-ARGON WHOLE-ROCK AGE

Aerial photography 1956 and controlled mosaic 1959
Aero Service Corporation, Philadelphia, Penn., U.S.A.

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

TRUE NORTH

SCALE 1 : 100 000

2 0 2 4 6 8 10 KILOMETERS

2 0 2 4 6 8 10 MILES

DATUM IS MEAN SEA LEVEL

QUADRANGLE LOCATION

Geology mapped in October-December 1981

MAP OF THE QUFAR QUADRANGLE, SHEET 27/41 D, KINGDOM OF SAUDI ARABIA, SHOWING SAMPLE LOCATIONS, SAMPLE NUMBERS, AND GEOGRAPHIC AND CULTURAL FEATURES

by
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1984