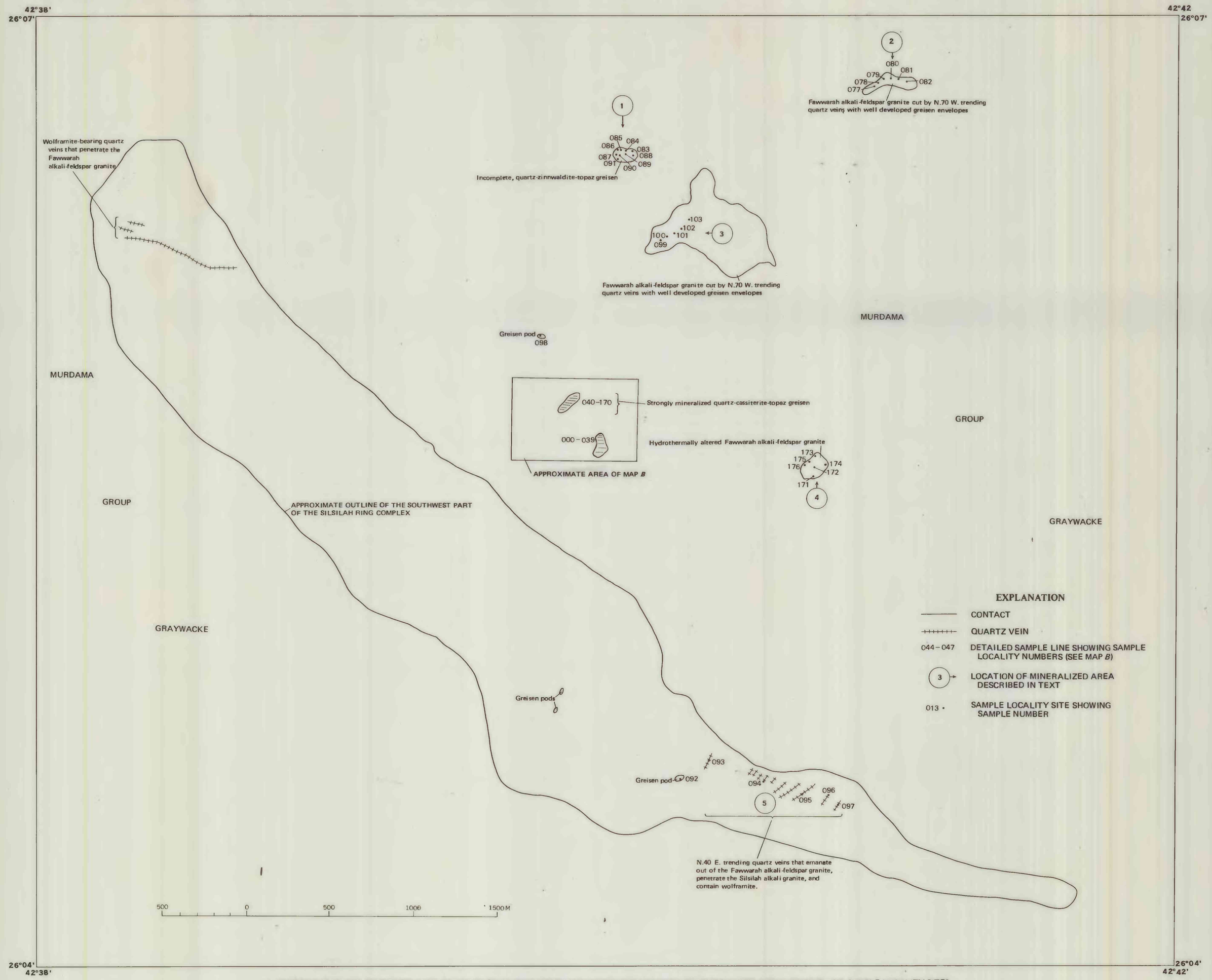
MINISTRY OF PETROLEUM AND MINERAL RESOUCES
DEPUTY MINISTRY FOR MINERAL RESORCES

KINGDOM OF SAUDI ARABIA

OPEN-FILE REPORT USGS-OF- 85-10
PLATE 1



A- -SKETCH MAP OF THE SOUTHWEST PART OF THE SILSILAH RING COMPLEX SHOWING THE LOCATION OF MINERALIZED AREAS STUDIED AND SAMPLE LOCALITY SITES

B- -GEOLOGIC MAP OF THE STRONGLY MINERALIZED GREISENS AT JABAL AS SILSILAH

EXPLANATION

QUATERNARY

Qs SURFICIAL DEPOSITS

UPPER PROTEROZOIC

qtg QUARTZ + TOPAZ + CASSITERITE GREISEN
qmg QUARTZ + ZINNWALDITE + TOPAZ + CASSITERITE GREISEN
arg ARGILLICALLY ALTERED GRANITE
qtz QUARTZ
fag FAWWARAH ALKALI-FELDSPAR GRANITE
ap HADHIR APLITE
fd FELSIC DIKE
mlg MARAGHAN LITHIC GRAYWACKE
CONTACT
WADI CHANNEL
SAMPLE INTERVALS AND NUMBERS- -Prefix numbers with 201 to obtain complete sample number
CONTOUR LINE- -Interval is 7m below station A on east greisen hill
• A TRIANGULATION STATION
BOUNDARY OF AREA SHOWN IN FIGURES 2 - 18 IN TEXT

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

RESULTS OF GRID SAMPLING AND LARGE-SCALE GEOLOGIC MAPPING FOR THE SILSILAH TIN DEPOSIT, KINGDOM OF SAUDI ARABIA

by

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1985