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 USGS-OF 83-781
PLATE 1

CENOZOIC VOLCANIC ROCKS of the ARABIAN PENINSULA 1983

RED SEA THOLEIITIC BASALTS

ARABIAN ALKALINE BASALTS

TIHAMA ASIR COMPLEX

YEMEN VOLCANIC SERIES

Continental dike swarms
Edge of Precambrian shield
Faults, normal and transform
Folds
Thrust faults
Mantle inclusions
Historic eruptions
Tertiary structural highs
Tertiary seaway with basin range structure

0 100 miles

0 200 kilometers

SCALE

CYPRUS
MEDITERRANEAN SEA
Jebel Druse
Amman
Turayf
Al Harrah
Gulf of Suez
Tabuk
Raha
Uwayrid
Harairah
Lunayyir
Kura
Khaybar
Ithnayn
Hutaymah
Al Madinah
Kurama
Abu Rashid
Bani Abdullah
Turrah
Rukha
Kishb
Hadan
Nawasif
Buqum
Jeddah
Shama
RED SEA
Al Birk
Abha
As Sirat
Ad Darb Transform
Tihama Asir Complex
Sana
GULF OF ADEN

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

Adapted from Brown (1972) and Freund and Garfunkel (1976)