SHĀHRAKHT

LEGEND

QUATERNARY

- Various-shaped sand dunes
- Mud flat — Salt flat
- Landslide — Recent alluvium
- Younger gravel fans and terraces — Alluvial cones
- Older gravel fans and terraces

NEOGENE

- Fluviatile conglomerate
- Conglomerate, gravel, sand; Alkali basalt
- Brick red gypsiferous clay and sandstone; Conglomerate

OLIGOC. MIOCENE

- Basaltic andesite

EOCENE

- Green sandy tuff; E^f: Rhyolite; Andesite
- E^c: Conglomerate; E^{br}: Limestone breccia
- Gypsiferous red beds; Conglomerate

PALEOCENE

- Marl, sandstone; PE^l: Limestone

UPPER CRETACEOUS

- K_2^h: Hippuritic limestone; Shale, sandstone, turbidite
- K_2^r: Red sandstone, conglomerate; Conglomerate
- K_2^v: Conglomerate with volcanic components; K_2^{ab2}: Andesite-basalt

OPHIOLITIC DOMAIN

- K_2^f Flysch-like sandstone and shale; Low grade metamorphism
- lv Listvinite; amgl: Glaucophane - albite amphibolite
- r Basic volcanics, radiolarite, jasper
- d Diabase, microgabbro
- gb Gabbro
- ub Ultrabasic rocks

- Dacite dyke
- OM^{dq} Quartz microdiorite intrusives
- sk Contact metamorphic limestone
- E^g Granite

KUH-E JAHĀZ

- K_2^l Limestone

CENTRAL BELT

- K_2^g Pink-weathering granite
- K_2^{gd} Tonalite
- K_2^{mg} Microgabbro
- K_2^{abl} Andesite-basalt; Tuff

KUH-E AHANGARĀN BLOCK

LOWER CRETACEOUS

- K_1^f Shale, turbidite, limestone breccia
- K_1^m Green marl and sandstone
- K_1^l Massive Orbitolina and rudist-bearing limestone
- K_1^s: Sandy oosparite and shale; Red sandstone and conglomerate

JURASSIC

- J_{2-3}^l Oosparite, biosparite, sandstone

LATE ?PROTEROZOIC

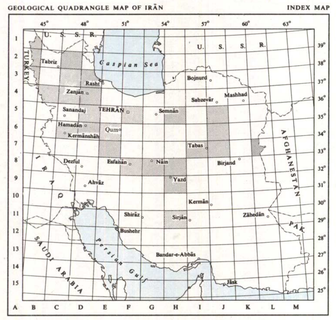
- st Feldspathic sandstone, acidic tuff; ldo Black dolomitic limestone

?PROTEROZOIC

- Hornblende granodiorite to monzonite
- metv Basic metalavas (amphibole schists); mb Metamorphic limestone
- metg Metagabbros (amphibolites)
- met Undiff. metamorphic rocks (Kuh-e Bamrud) (anatexite, microgabbro, granodiorite)

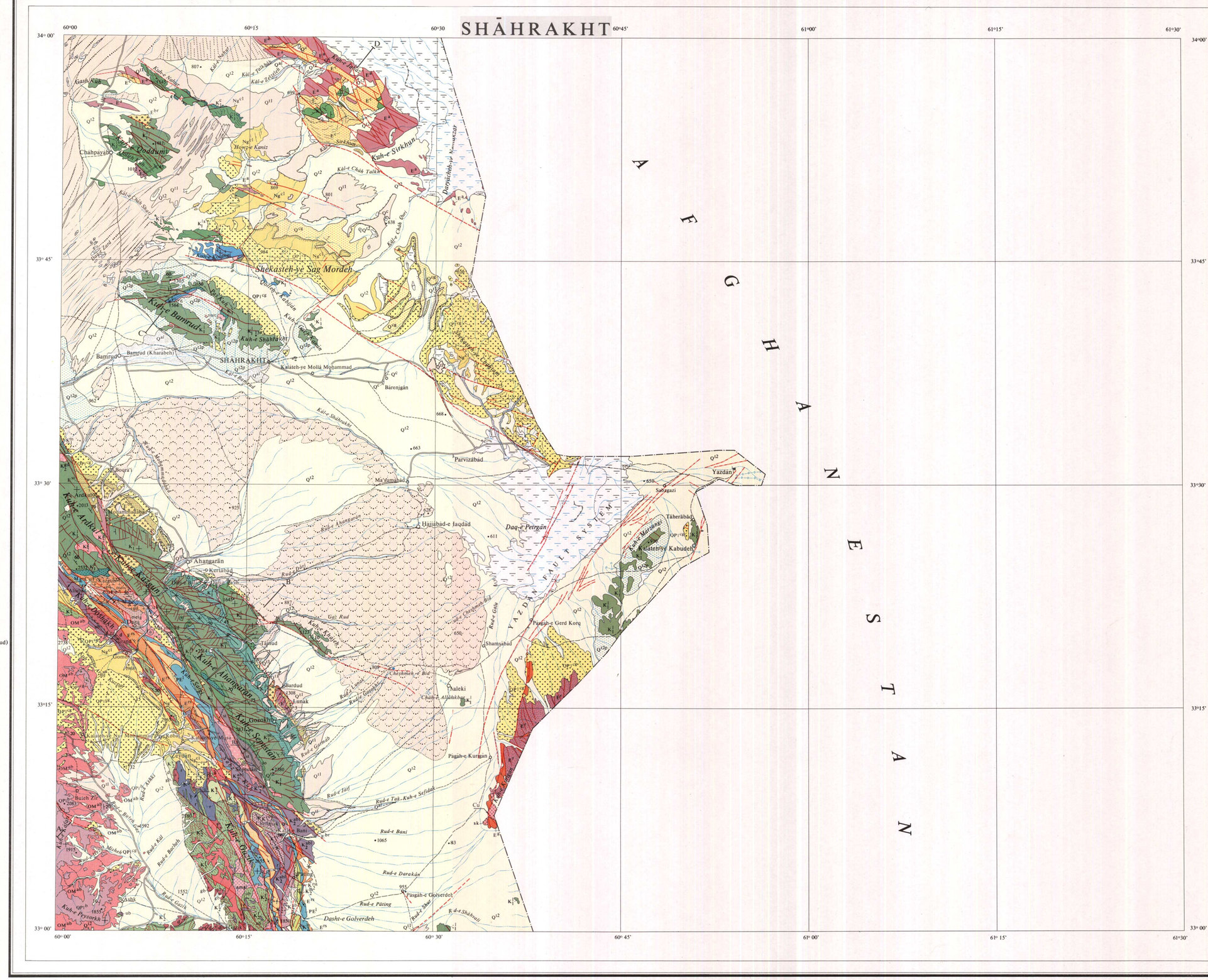
- Formation boundary, approximate
- 50 Dip of beds (measured)
- Overturned
- Horizontal
- Vertical
- Dips (airphotos interpretation): Very Low, Low, Medium, Steep
- Anticline
- Syncline
- Axis approximate or concealed
- Major fault
- Minor fault
- Thrust
- Fault inferred or concealed
- Fault active during Quaternary
- Strike-line
- Terrace
- Escarpment
- A B Structural section
- Stratigraphic section
- Fossil locality
- Mine abandoned
- Ore indication: Cu copper; Fe iron; Ba barite; Cr chromite; Mg magnesite
- Sample for age determination
- 1592 Elevation in metres
- Spring
- Qanat
- *Howz* (cistern) _ *Chāh* (well)
- Town, village
- Third class road
- Motorable track
- Animal track
- International boundary

GEOLOGICAL QUADRANGLE MAP OF IRĀN — INDEX MAP



Shāhrakht quadrangle map.

Previously published quadrangle maps.


SHĀHRAKHT
60°00'
60°15'
60°30'
60°45'
61°00'
61°15'
61°30'
34°00'
33°45'
33°30'
33°15'
33°00'
A F G H A N I S T A N
Kuh-e Qoddumi
Kuh-e Sirkhun
Shekasteh-ye Sag Mordeh
Kuh-e Bamrud
Kuh-e Shahrakht
SHAHRAKHT
Bamrud
Bamrud (Kharabeh)
Kalateh-ye Mollā Mohammad
Bārenjgān
Parvizābad
Yazdān
Sabzgazi
Tāherābād
Kalateh-ye Kabudeh
Daq-e Petrgān
YAZDĀN FAULT SYSTEM
Ardakul
Ahangarān
Hajjābad-e Jaqdad
Pasgah-e Gerd Korq
Shamsābad
Tajnud
Bardud
Gozokhu
Pasgah-e Kurgan
Pasgah-e Golverdeh
Dasht-e Golverdeh
Rud-e Bani
Rud-e Darakān
Rud-e Pāting
Rud-e Taj
Kuh-e Ahangarān
Kuh-e Sefīdān
Kuh-e Gazik
Kuh-e Peyvorkh
Kuh-e Dabbakh
Kuh-e Ardakul
Kuh-e Kāfari
Kuh-e Sangī
Kuh-e Marānak
Kuh-e Pūrī
Kuh-e Tūtbāh
Kuh-e Chāh Taikh
Kuh-e Chāh Gurī
Kuh-e Chāh Sūrī
Kuh-e Chāh Zard
Kuh-e Nahūr
Kuh-e Ghāhī
Kuh-e Gūrī
Kuh-e Kahūrī
Kuh-e Gūrī
Kuh-e Shūrāb
Kuh-e Ahangarān
Kuh-e Sangī
Kuh-e Kāfari
Kuh-e Ardakul
Kuh-e Dabbakh
Kuh-e Sefīdān
Kuh-e Gazik
Kuh-e Peyvorkh
Kuh-e Bani
Kuh-e Pūrī
Kuh-e Marānak
Kuh-e Sangī
Kuh-e Kāfari
Kuh-e Ahangarān
Kuh-e Shūrāb
Kuh-e Shahrakht
Kuh-e Sirkhun
Kuh-e Qoddumi
Kuh-e Bamrud