Geological Map of the Detachment fault of the North Area of Kythera Island

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SCALE: 1:15,000

Normal Fault
Normal Fault (Inferred)
Detachment fault
Detachment fault (Inferred)
Top shear sense displacement
Sinistral shear sense
Dextral shear sense
Lineations
Mineral lineation
Strong stretching lineation
Intense stretching lineation
Strike, Direction of Dip and Dip Angle
Outcrop
Outcrop, probably displaced by landslide
Samples Location
Villages - Toponyms
Apatite Fission Track Age (AFT)
Zircon Fission Track Age (ZFT)
\(^{40}Ar/^{39}Ar\) Bioclast Age
- Contour line, 40m contour interval
- Depth Contour (isodepth, 50m contour interval)
- Coastline
- Main road network
- Dirt road
- Dirt track/path

Quaternary sediments
Neogene sediments
Pindos Unit
Tripolis Unit
Phyllite-Quartzite Unit - PDQ (Arna Unit)

CARBONATE ROCKS
- M. Red Conglomerates
- B. Metamorphic Unit

Semi-metamorphic limestones, marbles, light, blue-gray, pink, Black, grey, dense limestones, containing Nummulites and of green-brown shales
Dense, containing Anchornurids
Black, dense, containing Nummulites and of green-brown shales

F. Flysch (Late Eocene)
- Gravels (of limestone, crystalline rocks, flysch, chert.)
- One outcrop-North of Agia Pelagia area.
- Serpentinite with chlorite and magnetite.
- Blue-black, dense, containing numerous lenses. Fine-grained limestones looking like lithographic marine water deposition environment.
- Forming the "basement" of the island sometimes with recumbent folds.
- and a composite (5,3,1) Landsat image.

PLATE  (A)