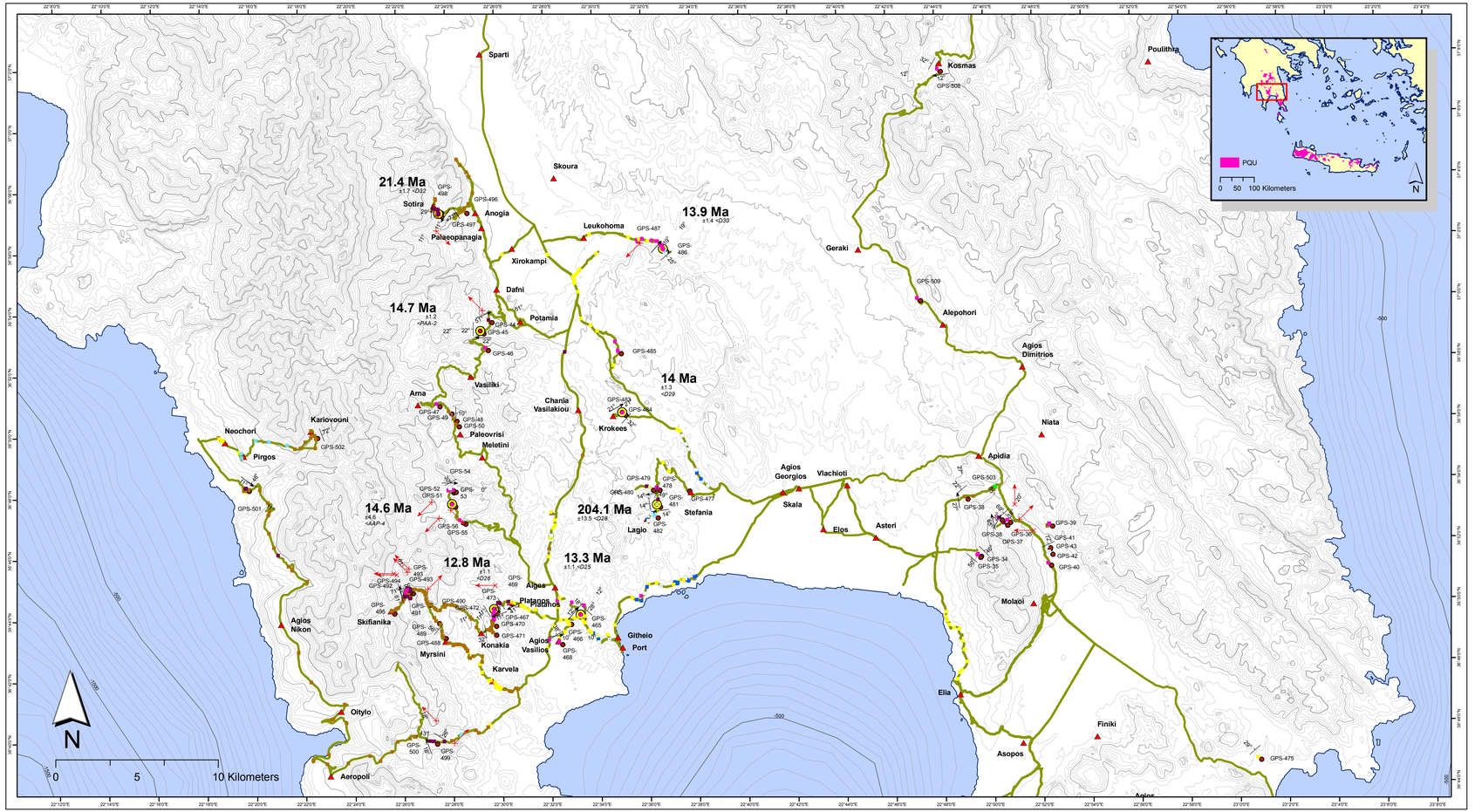

UNIVERSITY AT ALBANY
State University of New York

DEPARTMENT OF
EARTH & ATMOSPHERIC SCIENCES

PLATE (A)

Structural Map of the Phyllite-Quartzite Unit of central Peloponnese

Antonios E. Marsellos

Structural mapping by A. E. Marsellos.

Contour elevation (shapefile) derived
from SRTM (Shuttle Radar Topography Mission, C-band and X-band interferometric synthetic aperture radars)

Contour isodepth data (shapefile) derived
by National Centre for Marine Research. Isobaths (50m-interval) calculated from point data derived by
a blending of depth soundings. Soundings collected by ships with detailed gravity anomaly information.
Gravity information obtained by the Geosat and ERS-1 satellite altimetry missions.
Point data was obtained by NOAA Office of Research and Applications, Oceanic Research and Applications Division,
Laboratory for Satellite Altimetry through the lab's bathymetry data extraction website.

Map created in ESRI ArcInfo.

- Top shear sense displacement
- Sinistral shear sense
- Dextral shear sense
- Lineation
- Strike, Direction of Dip and Dip Angle
- Outcrop
- GPS-point or sample location
- Villages - Cities - Toponyms
- Contour line, 50m contour interval
- Depth Contour (isodepth, 50m contour interval)
- Coastline
- Main road network (derived through GPS tracking)
- Apatite Fission Track Age (AFT)
- Zircon Fission Track Age (ZFT)

Outcrops

- Recent landslide or remnants of an old landslide
- Limestone
- Brecciated limestone
- Limestone of Pindos Unit
- Recrystallized limestone
- Limestone of Tripolis Unit
- Contact of marble with limestone
- Contact of neogene sediments with limestones
- Contact of phyllite-quartzite with limestone
- Marbles
- Neogene sediments
- Phyllite
- Contact of phyllite with marble
- Phyllite-Quartzite rocks
- Contact of phyllite-quartzite with limestone
- Contact of phyllite-quartzite with Tripolis limestone
- Conctact of phyllite-quartzite with marble
- Contact of phyllite-quartzite with neogene sediments
- Quaternary sediments
- Contact of quaternary sediments with limestone
- Contact of phyllite-quatrzite with quaternary sediments
- spring
- Sandstone