



THE INFLUENCE OF GEOLOGICAL-MORPHOLOGICAL AND LAND USE SETTINGS ON SHALLOW LANDSLIDES IN THE POGLIASCHINA T. BASIN (NORTHERN APENNINES, ITALY)

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LEGEND

QUATERNARY DEPOSITS

- 2011 translational debris slide-flow
- 2011 roto-translational debris slide
- Pre-2011 landslide (a1)
- OLOCENE
- Slope deposit (aa)
- Rock fragments with sand and silt
- OLOCENE
- Eluvial-colluvial deposit (b2)
- Clay, silt and sand partially altered to soil
- OLOCENE
- Recent and present alluvial deposit (b)
- Gravel, sand and silt
- OLOCENE
- Ancient alluvial deposit (bn)
- Gravel, sand and silt
- MID/UPPER PLEISTOCENE - OLOCENE

INTERNAL LIGURIAN DOMAIN

GOTTERO UNIT

- ARENARIE DI MONTE GOTTERO FM. (GOT)
- Quartz-feldspar-micaceous greywacke interbedded with pelitic layers
- UPPER CAMPANIAN/LOWER MAASTRICHTIAN - LOWER PALEOCENE
- FORMAZIONE DI VAL LAVAGNA FM. (LVG)
- Dark grey to black shale interbedded with limestone
- UPPER SANTONIAN/LOWER CAMPANIAN - UPPER CAMPANIAN/LOWER MAASTRICHTIAN

BRACCO - VAL GRAVEGLIA UNIT

- ARGILLE A PALOMBINI FM. (APA)
- Dark grey to black shale interbedded with limestone
- VALANGIANIAN P.P. - LOWER APTIAN
- DIASPRI DI MONTE ALPE FM. (DSA)
- Radiolarian chert interbedded with shale
- UPPER BAJOCIAN/LOWER BATHONIAN - UPPER ?BERRIASIAN/LOWER VALANGIANIAN
- GABBRI FM. (GBB)
- Mg-gabbro (troctolite, olivine gabbro, dunite)
- MIDDLE JURASSIC
- SERPENTINITI FM. (SRN)
- Serpentinised ultramafic, cataclastic structure
- LOWER - MIDDLE JURASSIC

SUBLIGURIAN DOMAIN

CANETOLO UNIT

- ARGILLE E CALCARI DI CANETOLO FM. (ACC)
- Dark grey to black shale interbedded with limestone and calcarenite
- UPPER PALEOCENE - MIDDLE EOCENE

TUSCAN DOMAIN

TUSCAN NAPPE

- MACIGNO FM. (MAC)
- Quartz-feldspar-micaceous sandstone interbedded with pelitic layers
- UPPER OLIGOCENE P.P. - LOWER MIOCENE P.P.
- SCAGLIA TOSCANA FM. (STO)
- Dominant pelitic lithofacies with subordinate calcareous-pelitic and calcareous lithofacies
- LOWER APTIAN P.P. - UPPER OLIGOCENE P.P.
- MAIOLICA FM. (MAI)
- Light grey micritic limestone with chert layers and nodules
- UPPER TITHONIAN P.P. - LOWER APTIAN P.P.
- DIASPRI FM. (DSD)
- Varicoloured radiolarian chert interbedded with shale
- UPPER BAJOCIAN/LOWER BATHONIAN - UPPER TITHONIAN P.P.

- Direct layer
- Horizontal layer
- Inverted layer
- Stratigraphic boundary
- Normal fault
- Main thrust
- Landslide scarp
- Alluvial fan
- Rill erosion
- River Network
- Building
- Main road
- Secondary road
- Trail

Datum: WGS84
Projection: Transverse Mercator, Zone 32 North
Topographic map based on the Carta Tecnica Regionale of the Liguria Region (scale 1:10,000) - Contour lines 5 m

