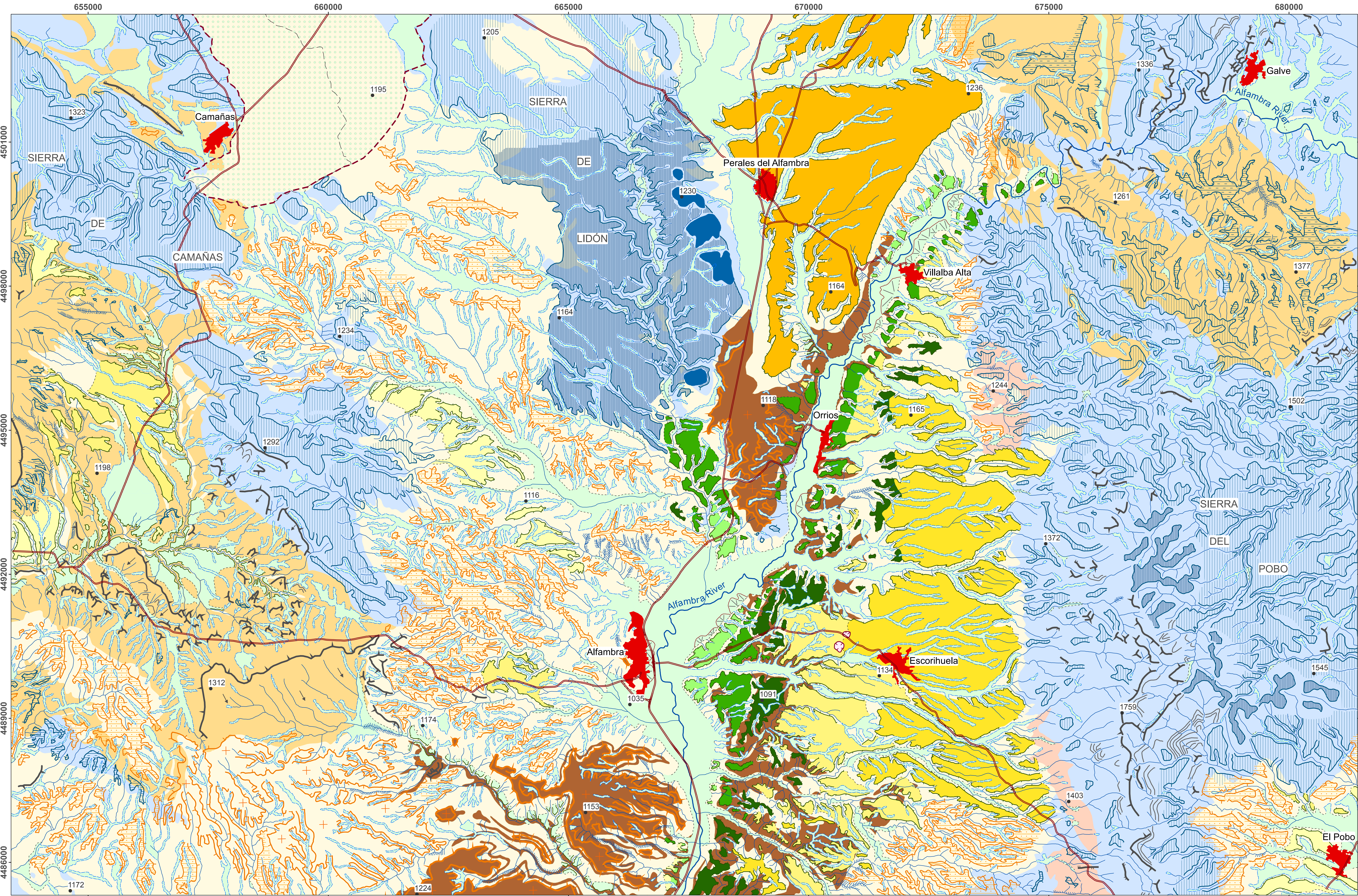


GEOMORPHOLOGICAL MAP OF THE NORTHERN SECTOR OF THE ALFAMBRA-TERUEL DEPRESSION (IBERIAN RANGES, SPAIN)



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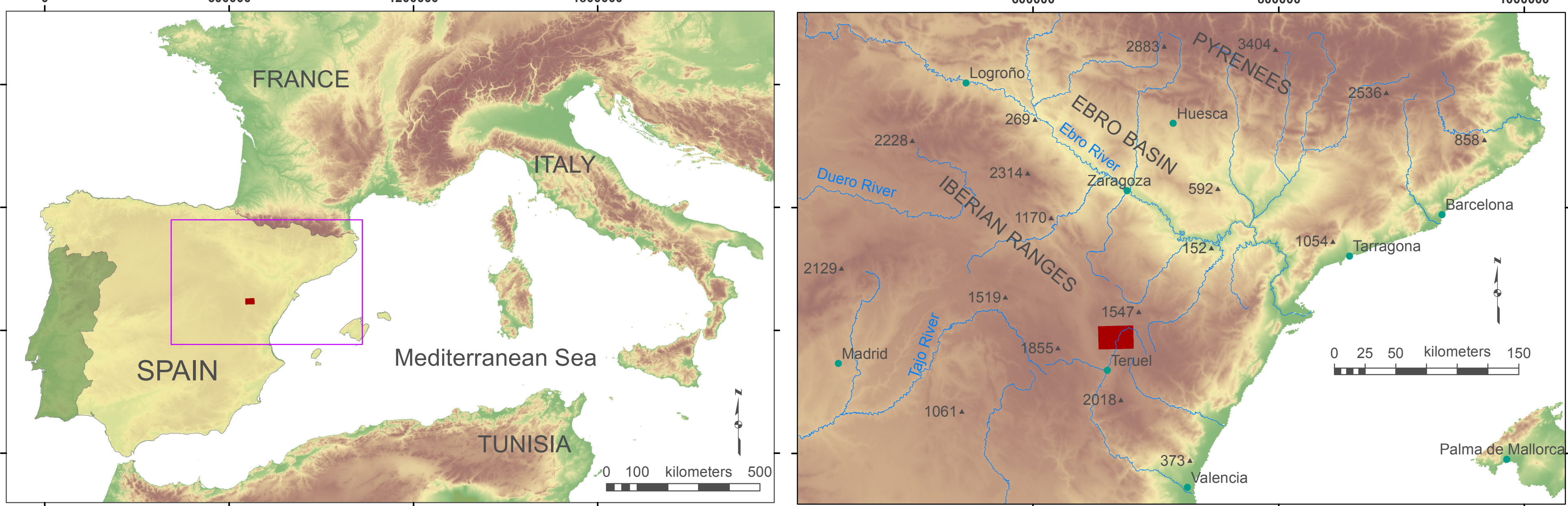


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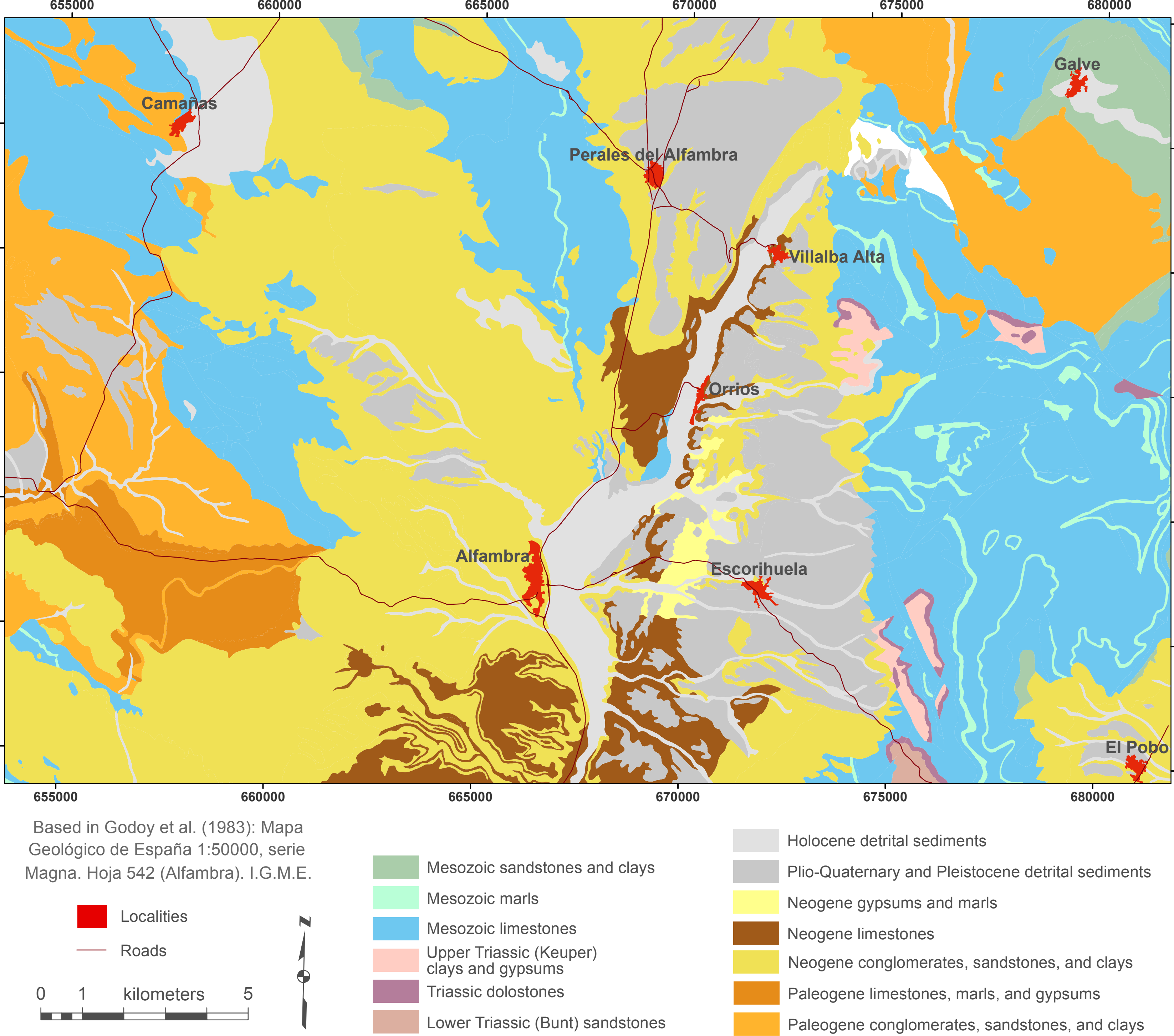


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LOCATION MAP



LITHOLOGICAL UNITS



- Based in Godoy et al. (1983): Mapa Geológico de España 1:50000, serie Magna. Hoja 542 (Alfambra). I.G.M.E.
- | | |
|---|--|
| Mesozoic sandstones and clays | Holocene detrital sediments |
| Mesozoic marls | Plio-Quaternary and Pleistocene detrital sediments |
| Mesozoic limestones | Neogene gypsums and marls |
| Upper Triassic (Keuper) clays and gypsums | Neogene limestones |
| Triassic dolostones | Neogene conglomerates, sandstones, and clays |
| Lower Triassic (Bunt) sandstones | Paleogene limestones, marls, and gypsums |
| | Paleogene conglomerates, sandstones, and clays |
- Legend symbols: Localities (red dot), Roads (black line), Scale bar (0 to 5 kilometers), North arrow.

GEOLOGICAL BEDROCK

- Neogene limestones, marls, and gypsums
- Neogene conglomerates, sandstones, and clays
- Paleogene limestones, marls, and detrital materials
- Cretaceous-Jurassic limestones, marls, sandstones, and clays
- Triassic clays, gypsums, dolostones, and sandstones

STRUCTURAL RELIEFS

- Cuesta reliefs
- Chevrons
- Hogbacks
- Mesozoic-Paleogene reliefs
- Structural platforms in Neogene (*mesas*)
- Neogene reliefs

KARSTIC MORPHOLOGIES

- Alluvial dolines
- Polje outline
- Polje infills

EROSION SURFACES

- Intra-Miocene erosion surface
- Middle-Upper Pliocene main erosion surface
- Residual reliefs
- Scarps of the erosion surfaces

FLUVIAL NETWORK

- Main river (Alfambra River)
- Incised fluvial network
- Flat bottom valleys

PLIO-QUATERNARY AND QUATERNARY ACCUMULATIONS

Pediment, alluvial fan, and infill valleys

- Plio-Quaternary pediment
- Pleistocene pediments (Qp1)
- Pleistocene pediments (Qp2)
- Pleistocene pediments (Qp3)
- Alluvial fans

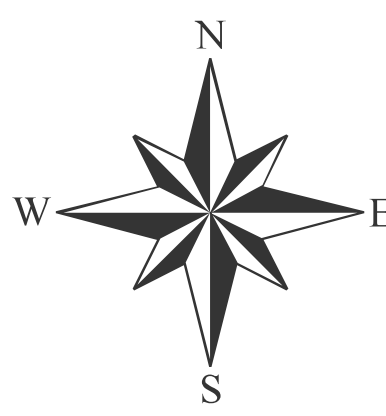
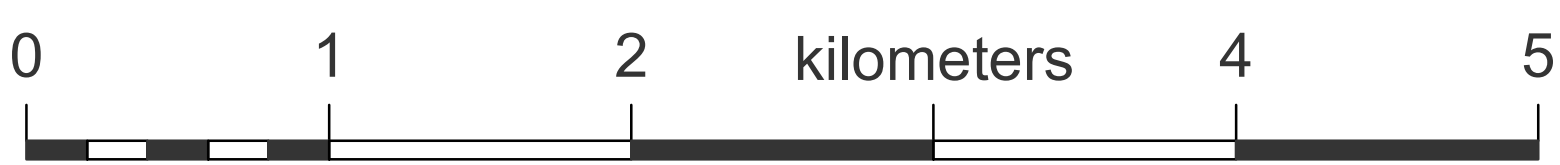
Fluvial terraces

- Pleistocene fluvial terraces (Qt1)
- Pleistocene fluvial terraces (Qt2)
- Pleistocene fluvial terraces (Qt3)
- Floodplains and infilled valleys

Others

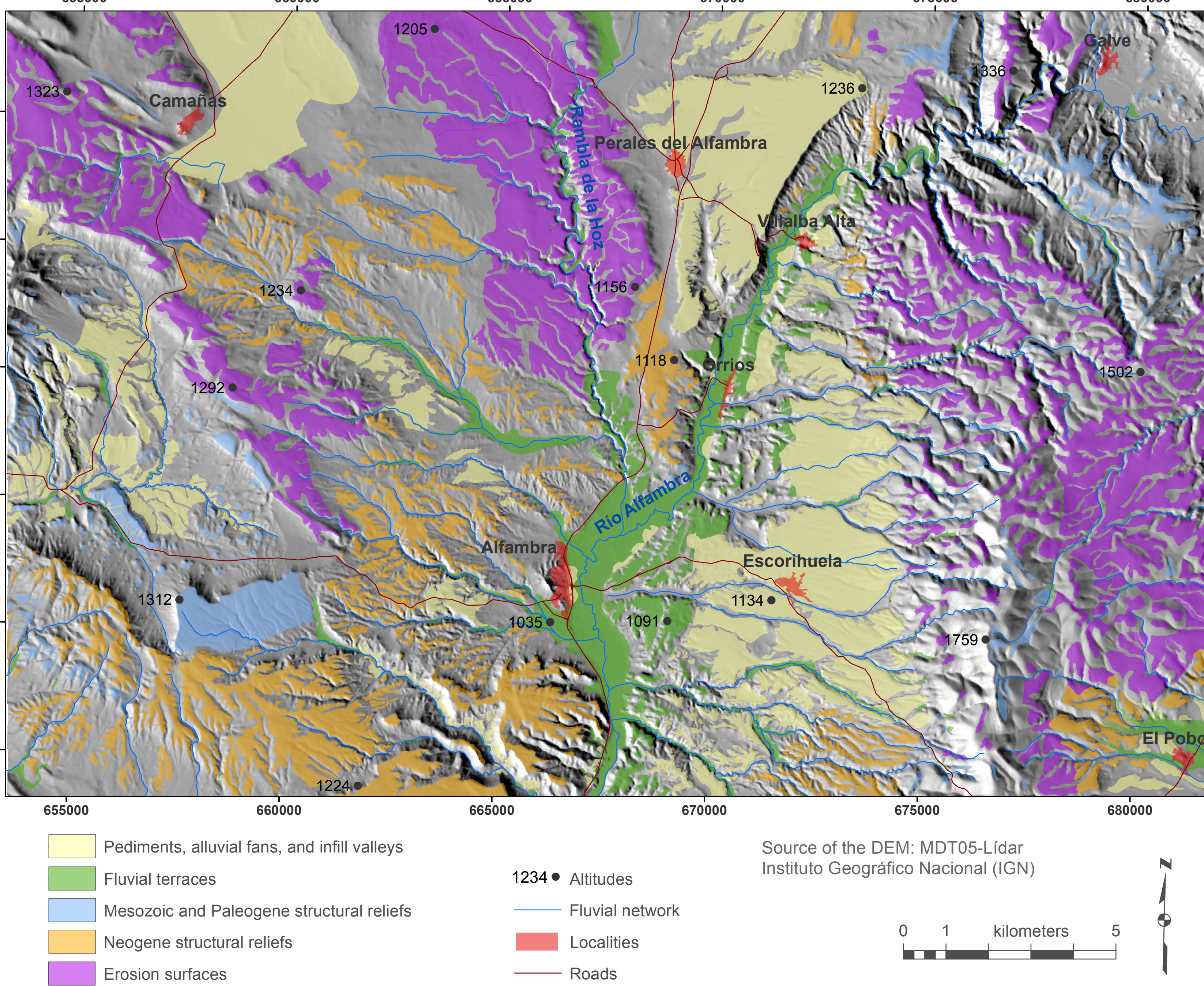
- Scarpmnts in pediments and terraces
- Internal limits of the deposits

- Localities
- Roads
- Altitudes



Designed for printing at A2

GEOMORPHOLOGICAL UNITS



- Legend symbols: Pediments, alluvial fans, and infill valleys; Fluvial terraces; Mesozoic and Paleogene structural reliefs; Neogene structural reliefs; Erosion surfaces; 1234 • Altitudes; Fluvial network; Localities; Roads.
- Source of the DEM: MDT05-Lidar Instituto Geográfico Nacional (IGN)