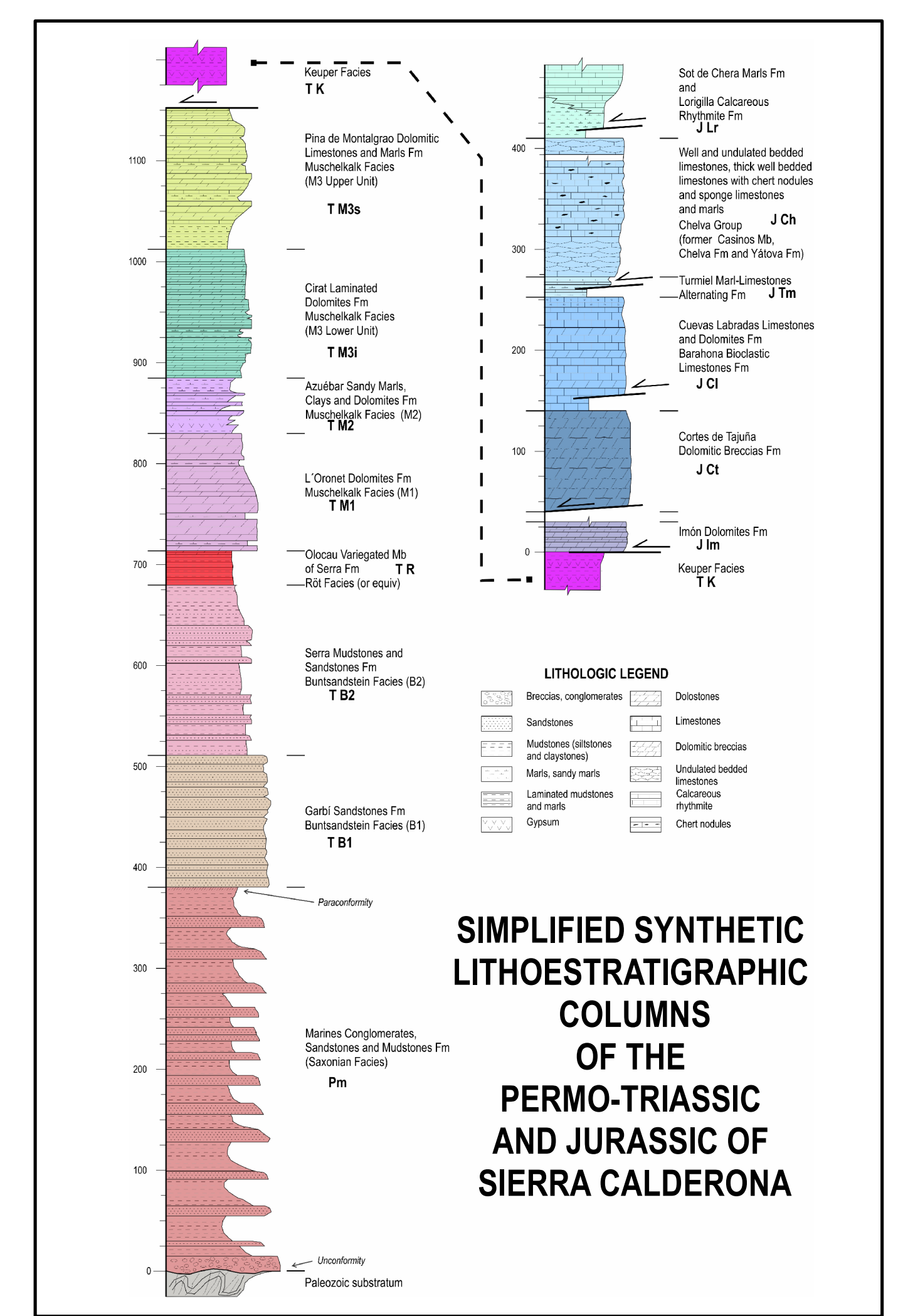


STRUCTURAL SYNTHESIS MAP
MAIN STRUCTURES / FEATURES

LEGEND

- Salt weld
- Structures/features related to the Neogene to recent extensional event of the Valencia Trough
- Structures/features related to the Paleogene-Lower Miocene compression event of the Iberian Cordillera
- Structures/features related to the Permo-Triassic extensional event of the Iberian Basin

MAP INFORMATION
Projection: UTM Zone 30N
Datum: ETRS89
Topographic base: Raster MTN25 provided by Spanish IGN
Hill shade base: Derived from LIDAR DTM02 provided by Spanish IGN
The compilation of the Geological Map has been arranged and modified from the 1:25,000-scale mapping performed by the CN IGME_CSIC for the Institut Cartogràfic de València



LEGEND

PERMIAN	TRIASSIC	JURASSIC	NEOGENE	QUATERNARY
OPINIAN	UPPER	UPPER	UPPER	HOLOCENE
GUADALUP	MIDDLE	MIDDLE	MIDDLE	PLEISTOCENE
ARTURIAN	LOWER	LOWER	LOWER	LOWER

QUATERNARY

- Q_{tz} Undifferentiated Quaternary
- Q_{cd} Undifferentiated terrace
- Q_{cd} Deposition cones
- Q_{ae} Alluvial fans and related piedmonts

NEOGENE

- Alfama-Torres Torres Basin
- P_{to} El Tochar Conglomerates
- M_{ai} Alfama-Torres Torres Marls and Sandstones

Southern Sector (Burjassot)

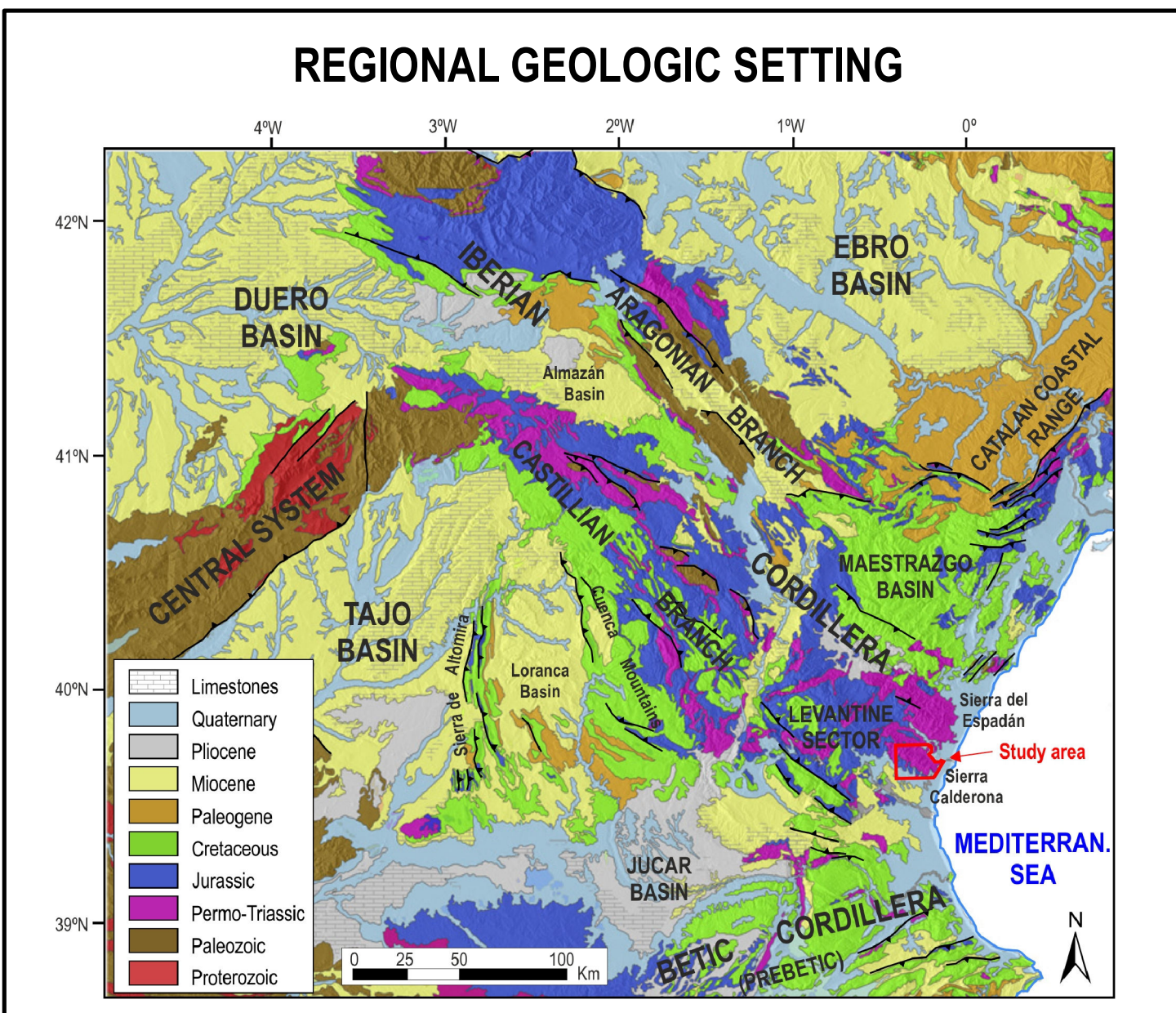
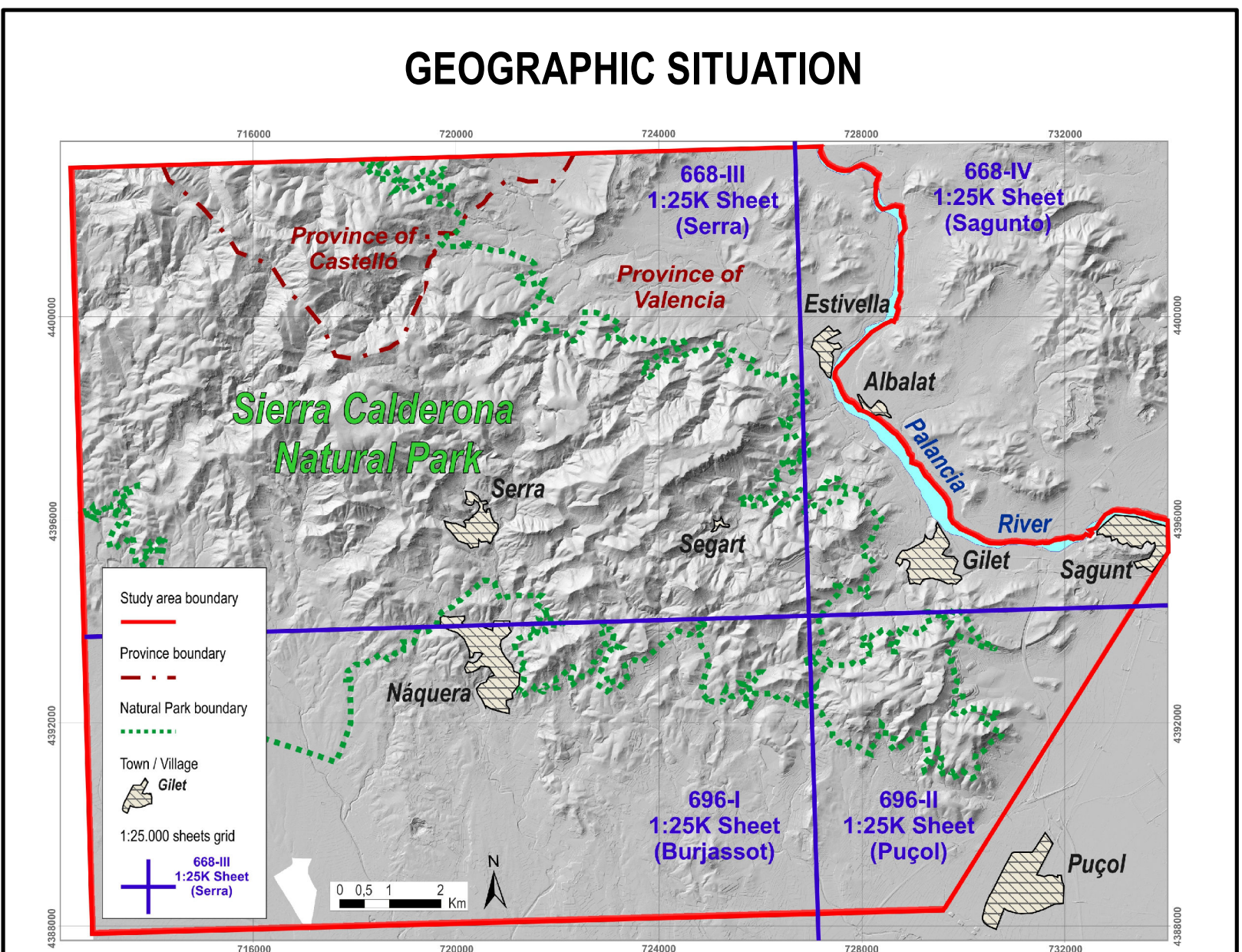
- M_{Go} Massive lacustrine (limestones, Godelia Fm)
- M_{To} Marls and sandstones, Torrel Fm

MESOZOIC

- J_{Lr} Sol de Chera Marls Fm and Longuilla Calcareous Rhyolite Fm
- J_{Ch} Well and undulated bedded limestones, thick well-bedded limestones with chert nodules and sponge limestones and marls
- J_{Tm} Chelva Group (former Castanos Mb, Chelva Fm and Torrel Fm)
- J_{Cl} Torrel Marls Limestones Alternating Fm
- J_{Cl} Cuevas Labradas Limestones and Dolomites Fm and Barahona Bioclastic Limestones Fm
- J_{Cl} Imbr. Dolomites at the bottom and Cortes de Tajalla Dolomites Beccas Fm. Eventually, undifferentiated Lower Jurassic (J_{Imbr} Ch_{Cl} Q_{Units})
- J_{Im} Imbr. Dolomites
- T_{of} Optines. Basic intrusive rocks in Kuiper Facies.
- T_K Undifferentiated Valencia Group (Kuiper Facies)
- T_{M3s} Pias de Montargao Dolomites Limestones and Marls Fm (Maschkaik Facies -M3 Upper Unit-)
- T_{M3i} Grail Laminated Dolomites Fm (Maschkaik Facies -M3 Lower Unit-)
- T_{M2} Grail Laminated Dolomites Fm (Maschkaik Facies -M2-)
- T_{M1} Grail Laminated Dolomites Fm (Maschkaik Facies -M1-)
- T_{B2} L. Ornel Dolomites Fm (Maschkaik Facies -B2-)
- T_{B1} L. Ornel Dolomites Fm (Maschkaik Facies -B1-)
- T_{B1} Serra Mudstones and Sandstones Fm (Burjassot Facies -B1-)
- P_m Marls conglomerates, sandstones and mudstones Fm (Saxanian Facies)

THE GEOLOGY OF SIERRA CALDERONA (SE IBERIAN CORDILLERA, SPAIN), A REVIEW: RESULTS OF A NEW 1:25.000 SCALE GEOLOGICAL MAP GEOLOGICAL MAP OF THE SOUTHERN SECTOR OF SIERRA CALDERONA

Hernaiz-Huerta P.P., Díaz de Neira, J.A., Mink, S. (SIG) CN IGME_CSIC / Spanish Geological Survey



SYMBOLY

Dip, inverted dip, subhorizontal dip, subvertical dip	Deduced thrust/reverse fault
Normal contact	Bed trace
Unconformity	Anticline
Undefined tectonic contact (detachment, salt weld...)	Syncline
Fault	Overtuned syncline
Deduced fault	Plunging fold axis
Normal fault	Trace of cross section
Deduced normal fault	Boundary of study area
Thrust/reverse fault	1:25,000 sheet grid