Estada

ID #070

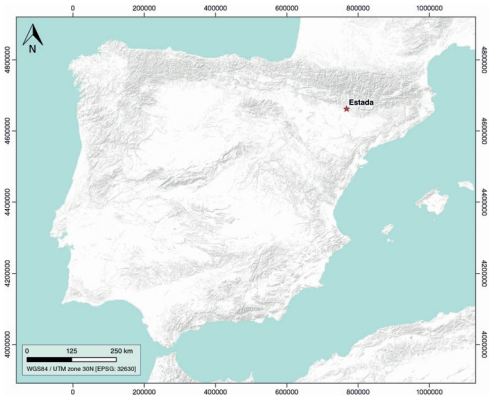
SUMARIZED INDEX CARD

Downloaded from Iberian Evaporite Structure DataBase

GENERAL INFORMATION

Structure type	Evaporite Diapir
Deformed/Undeformed	Deformed
Geological Setting	South Pyrenees Central Unit, Sierras Marginales, Boltaña-Balzes thrust sheet
Outcropping/buried	Outcropping
Evaporite unit/s name	El Pont de Suert Fm.
Evaporite unit/s age	Upper Anisian and Carnian-Rhaetian (Middle-Upper Triassic)
Evaporite unit/s origin	Marine
Classif. (Hudec and Jackson, 2009)	Passive piercement
Classif. (Jackson and Talbot, 1986)	Salt stock
Other comments	Also known as "Estadilla".

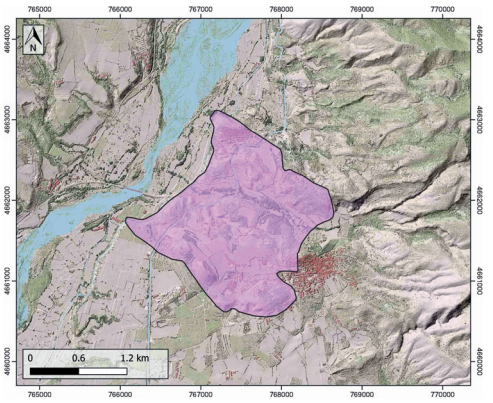
LOCATION

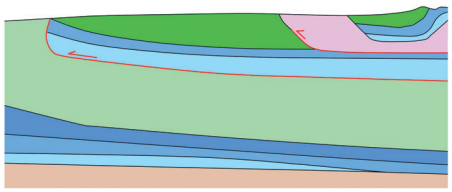


STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Shale-Gypsum-Anhydrite
Post-evaporite and pre-kinematic unit/s	Lower Jurassic (limestones, dolostones and shales) ; Upper Santonian-Maastrichtian (calcarenites and limestones) ; Maastrichian-Paleocene (Garumn Facies, carbonates and shales) ; Palaeocene-Lower Eocene (shallow marines carbonates) ; Upper Eocene-Oligocene (evaporites and detrital deposits)
Syn-kinematic unit/s	Lutetian-Early Priabonian (marlstones, mudstones, limestones, sandstones) ; Late Oligocene-Early Miocene (alluvial fan conglomerates)
Post-kinematic unit/s (or post-evaporite desposition when undeformed)	Quaternary (alluvial and colluvial detrital deposits)
Age of evaporite flow or deformation (when deformed)	Eocene, Oligocene to Miocene
Flow or deforming triggering mechanisms	Translation–rotation of the western end of the Sierras Marginales, and compression
Halokinetic structures	Progressive unconformities / Normal faults / Thickness variations

SHAPE AND SUB-SURFACE STRUCTURE

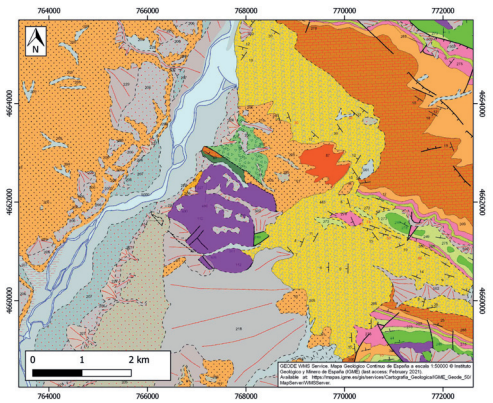




SUB-SURFACE DATA AVAILABILITY

Available borehole data	No
Available seismic data	Yes

GEOLOGY (GEODE IGME)



MAIN REFERENCES

Stratigraphy	Salvany and Bastida (2004)
Regional Stratigraphy	Santolaria et al. (2020)
Structure	Santolaria et al. (2014)
Regional Structure	Cámara and Flinch (2017)
Gravimetry	Santolaria et al. (2014)
Petrophysics/Paleomagnetics	Santolaria et al. (2017)

IBERIAN EVAPORITE STRUCTURE DATABASE

More information about this and other structures is available in https://iesdb.eu
Full dataset is available in https://doi.org/10.20350/digitalCSIC/14586