

Mediano

ID #066

SUMARIZED INDEX CARD

Downloaded from Iberian Evaporite Structure DataBase

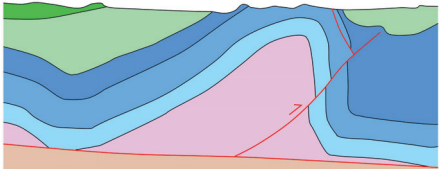
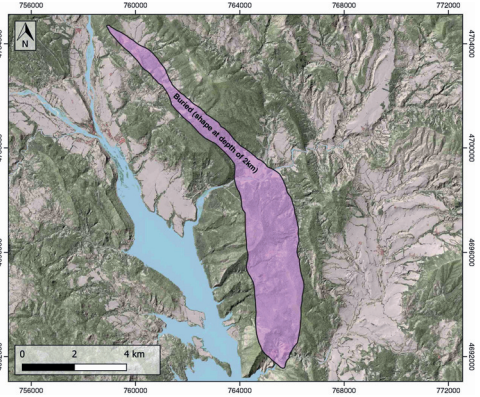
GENERAL INFORMATION

Structure type	Evaporite-cored anticline
Deformed/Undeformed	Deformed
Geological Setting	South Pyrenees Central Unit, Sierras Marginales, Gavarnie thrust sheet
Outcropping/buried	Buried
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)	Ductile piercement, Thrust piercement
Classif. (Jackson and Talbot, 1986)	Salt anticline
Other comments	The great thickness of the Triassic section in the anticline core is interpreted as the result of intra-Triassic duplexes and superposition of several detachment levels (see Cámara and Flinch, 2017).

LOCATION



SHAPE AND SUB-SURFACE STRUCTURE



STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Shale-Marlstone-Gypsum-Anhydrite
Post-evaporite and pre-kinematic unit/s	Upper Cenomanian-Lower Santonian («Calcaires des Canyons», limestones) ; Upper Santonian-Maastrichtian (limestones and calcarenites) ; Palaeocene (Garumnian, shales, mudstones, limestones) ; Illerdian (Alveolinid Limestone) ; Lower Eocene (Illaris, Metils, and Yeba Fms., marlstones and limestones)
Syn-kinematic unit/s	Early-Middle Lutetian (San Vicente Fm., shales, marlstones, sandstones, breccias) ; Middle-Late Lutetian (Sobrarbe Fm., shales and sandstones) ; Late Lutetian-Bartonian (Escanilla Fm., sandstones)
Post-kinematic unit/s (or post-evaporite desposition when undeformed)	Priabonian-Oligocene (Campodarbe Fm.) ; Oligocene (Graus Fm.) ; Quaternary
Age of evaporite flow or deformation (when deformed)	Eocene
Flow or deforming triggering mechanisms	Clockwise rotation of the structures regional structures
Halokinetic structures	Thrust faults / thickness variations / joints / progressive unconformities

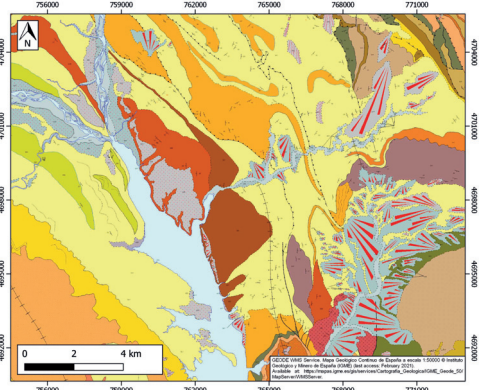
SUB-SURFACE DATA AVAILABILITY

Available borehole data	Yes
Available seismic data	Yes

MAIN REFERENCES

Stratigraphy	Muñoz et al. (2013)
Regional Stratigraphy	Cantalejo et al. (2021)
Structure	Poblet et al. (1998)
Regional Structure	Muñoz et al. (2018)
Gravimetry	Santolaria et al. (2017)
Petrophysics/Paleomagnetism	Santolaria et al. (2017)

GEOLOGY (GEODE IGME)



IBERIAN
EVAPORITE
STRUCTURE
DATABASE