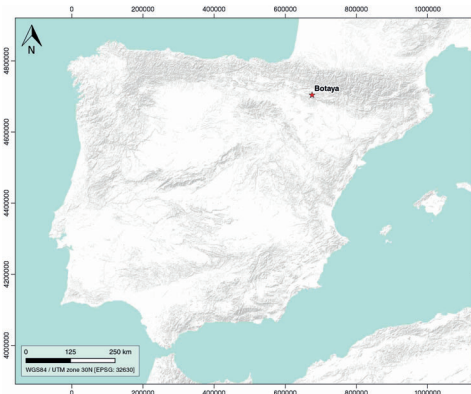


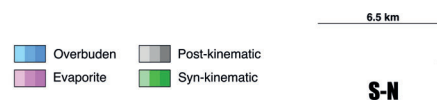
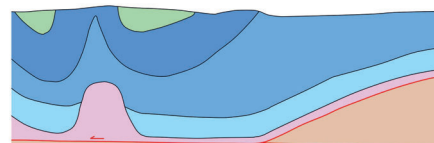
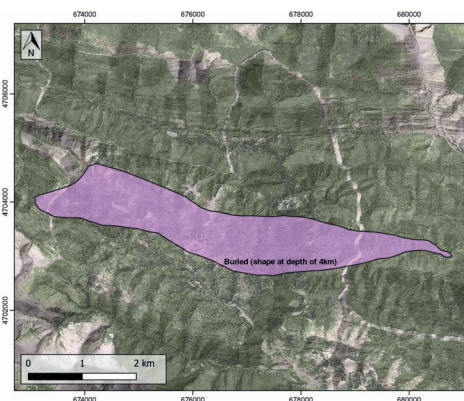
GENERAL INFORMATION

Structure type	Evaporite-cored anticline
Deformed/Undeformed	Deformed
Geological Setting	Southern Pyrenees, External Ranges
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
Classif. (Jackson and Talbot, 1986)	Salt anticline
Other comments	Syntectonic sedimentation along the southern flank of the fold (see Puigdefàbregas, 1975). Several interpretations on its depth geometry and related kinematic evolution due to the lack of seismic lines (see a review in Calvin et al., 2018).

LOCATION



SHAPE AND SUB-SURFACE STRUCTURE



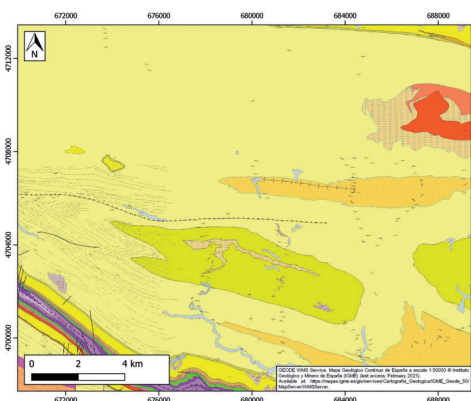
STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Shale-Marlstone-Gypsum-Anhydrite-Halite
Post-evaporite and pre-kinematic unit/s	Upper Cretaceous (Adraen-Bona Fms., limestones); Cretaceous-Palaeocene (Garumnian, Tremp Fm.); Lutetian (Guara Fm., limestones); Bartonian-Early Priabonian (Arguís Fm.); Late Eocene (Yeste-Arrés Fm.); Upper Priabonian-Lower Oligocene (Lower member, conglomerates); Lower Oligocene-Early Upper Oligocene (Campodarbe Fm.)
Syn-kinematic unit/s	Upper Oligocene (Upper sequence, sandstones and claystones); Lower Miocene (Bernués and Uncastillo Fms., conglomerates and sandstones)
Post-kinematic unit/s (or post-evaporite deposition when undeformed)	Miocene (Uncastillo Fm., conglomerates), Quaternary (detrital deposits)
Age of evaporite flow or deformation (when deformed)	Oligocene to Miocene
Flow or deforming triggering mechanisms	External Sierras second development stage mechanisms
Halokinetic structures	Thrust faults / thickness variations / joints

SUB-SURFACE DATA AVAILABILITY

Available borehole data	Yes
Available seismic data	No

GEOLOGY (GEODE IGME)



MAIN REFERENCES

Stratigraphy	Nichols (1987)
Regional Stratigraphy	Vidal-Royo et al. (2013)
Structure	Millán et al. (1995)
Regional Structure	Oliván et al. (2020)
Gravimetry	Calvín et al. (2018)
Petrophysics/Paleomagnetism	Pocoví et al. (2014)

