

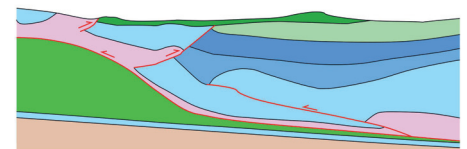
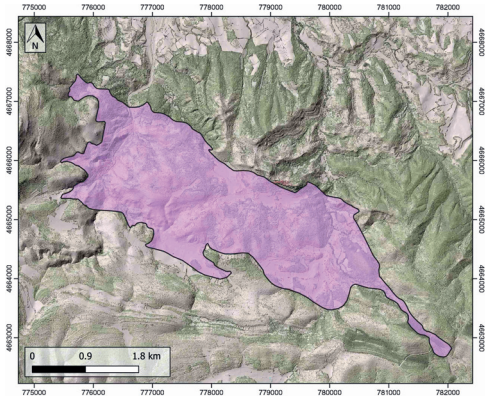
GENERAL INFORMATION

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)	Thrust piercement
Classif. (Jackson and Talbot, 1986)	Salt wall
Other comments	Subsurface occurrence of the Eocene evaporites of the Barbastro Formation beneath the diapir.

LOCATION



SHAPE AND SUB-SURFACE STRUCTURE



STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Shale-Gypsum-Anhydrite-Halite
Post-evaporite and pre-kinematic unit/s	Lower Jurassic (limestones, dolostones and shales) ; Upper Santonian-Maastrichtian (calcarenites and limestones) ; Maastrichtian-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 deposition 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	Normal high-angle faults / thrust faults / thickness variations / Progressive Unconformities

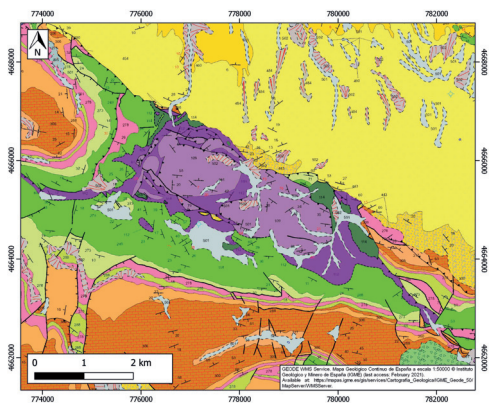
SUB-SURFACE DATA AVAILABILITY

Available borehole data	Yes
Available seismic data	Yes

MAIN REFERENCES

Stratigraphy	Salvany and Bastida (2004)
Regional Stratigraphy	Santolaria et al. (2020)
Structure	Santolaria et al. (2017)
Regional Structure	Cámara and Flinch (2017)
Gravimetry	Casas et al. (2016)
Petrophysics/Paleomagnetics	Santolaria et al. (2017)

GEOLOGY (GEODE IGME)



IBERIAN  
EVAPORITE  
STRUCTURE  
DATABASE