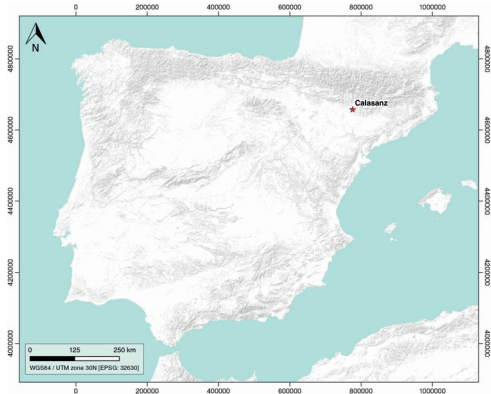


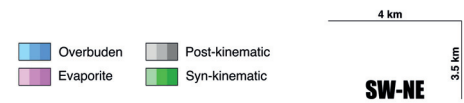
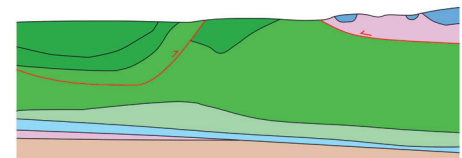
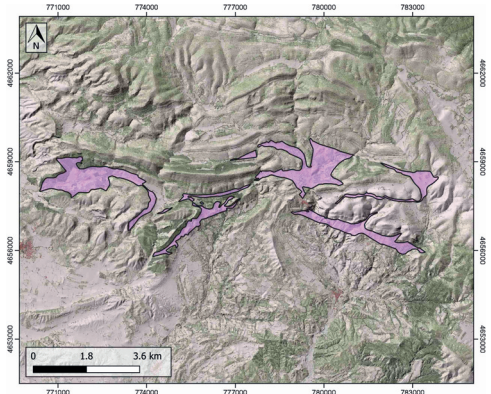
GENERAL INFORMATION

Structure type	Evaporite body
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)	Erosional piercement, Thrust piercement
Classif. (Jackson and Talbot, 1986)	Salt glacier
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 (alluvial fan conglomerates)
Post-kinematic unit/s (or post-evaporite desposition when undeformed)	Early Miocene (alluvial fan conglomerates) ; Quaternary
Age of evaporite flow or deformation (when deformed)	Eocene, late Oligocene
Flow or deforming triggering mechanisms	Translation-rotation of the western end of the Sierras Marginales, and compression
Halokinetic structures	Thickness variations / progressive unconformities

SUB-SURFACE DATA AVAILABILITY

Available borehole data	No
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	Muñoz et al. (2013)

GEOLOGY (GEODE IGME)

