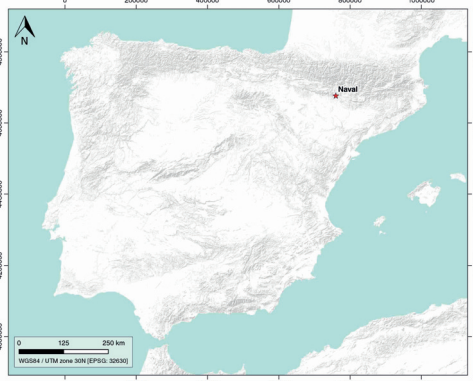


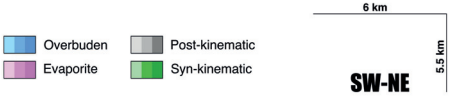
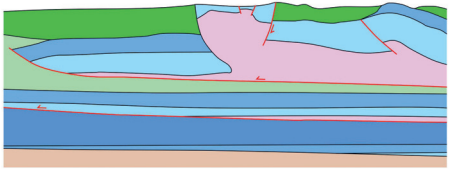
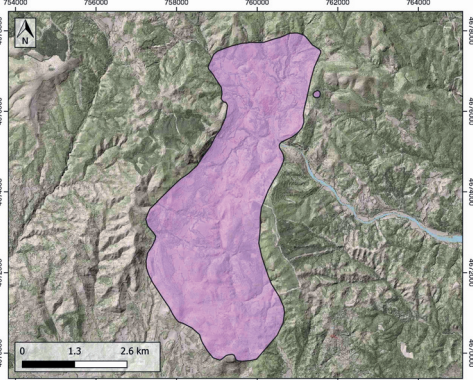
GENERAL INFORMATION

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 wall
Other comments	Evaporite extrusion favoured by local cover weakening caused by differential displacements of thrust sheets and enhanced by the presence of an evaporite-cored hanging-wall anticline (see i.e. Santolaria et al., 2014).

LOCATION



SHAPE AND SUB-SURFACE STRUCTURE



STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Shale-Gypsum-Anhydrite-Ophites
Post-evaporite and pre-kinematic unit/s	Lower Jurassic (limestones, dolostones and shales) ; Upper Santonian-Maastrichtian (calcarenes 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 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	Thrust faults / thickness variations / joints / 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. (2014)
Regional Structure	Cámara and Flinch (2017)
Gravimetry	Santolaria et al. (2017)
Petrophysics/Paleomagnetism	Santolaria et al. (2015)

GEOLOGY (GEODE IGME)

