

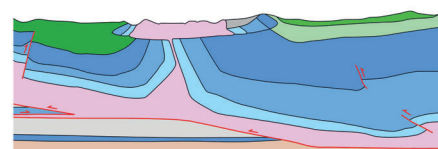
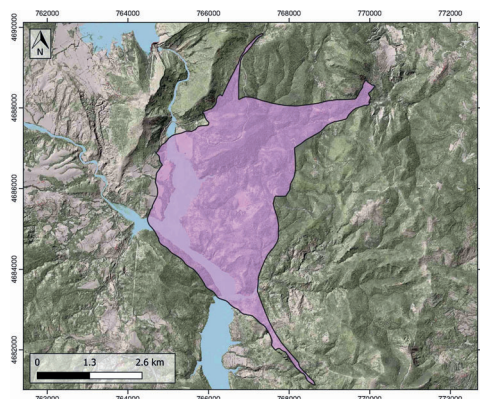
GENERAL INFORMATION

Structure type	Evaporite Diapir
Deformed/Undeformed	Deformed
Geological Setting	Southern Pyrenees, Sierras Marginales, Boltaña-Balzes thrust sheet
Outcropping/buried	Outcropping
Evaporite unit/s name	Keuper facies
Evaporite unit/s age	Carnian-Rhaetian (Upper Triassic)
Evaporite unit/s origin	Marine
Classif. (Hudec and Jackson, 2009)	Erosional piercement
Classif. (Jackson and Talbot, 1986)	Salt glacier
Other comments	Host rocks show a unusual, reduced piercement. Diapir is surrounded by a thicker overburden and a significant thickness of syntectonic deposits of the Graus-Tremp Basin. Genetically linked to the Mediano salt-cored anticline (ID #066): pop-up structure evolved from the salt-cored Mediano anticline during Lutetian.

LOCATION



SHAPE AND SUB-SURFACE STRUCTURE



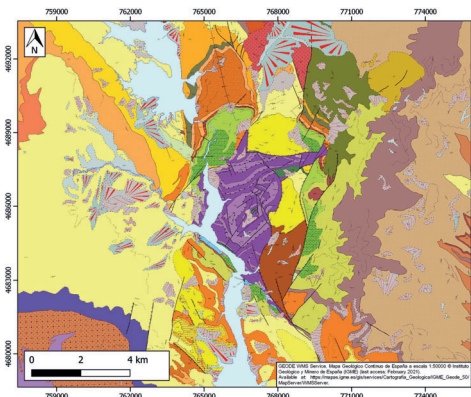
STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Shale-Marlstone-Gypsum-Halite-Anhydrite
Post-evaporite and pre-kinematic unit/s	Jurassic (carbonate breccias, marlstones, limestones) ; Upper Cretaceous (Garumn Facies, calcarenites and limestones) ; Illerdian-Middle Cuisian (limestones, marlstones, calcarenites)
Syn-kinematic unit/s	Upper Cuisian(?) (Boltaña Fm., limestones) / Lutetian (Guara Fm., limestones)
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
Flow or deforming triggering mechanisms	Contraction / Sedimentary loading and thrust stacking / anticline crest erosion
Halokinetic structures	Progressive unconformities / Normal faults / Thickness variations

SUB-SURFACE DATA AVAILABILITY

Available borehole data	Yes
Available seismic data	Yes

GEOLOGY (GEODE IGME)



MAIN REFERENCES

Stratigraphy	Soto et al. (2020)
Regional Stratigraphy	Muñoz et al. (2013)
Structure	Santolaria et al. (2017)
Regional Structure	Santolaria et al. (2020)
Gravimetry	Santolaria et al. (2020)
Petrophysics/Paleomagnetism	Santolaria et al. (2017)

