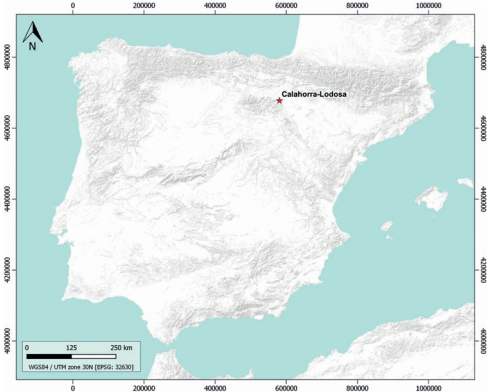


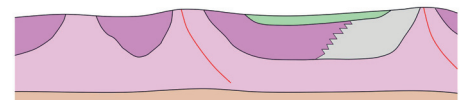
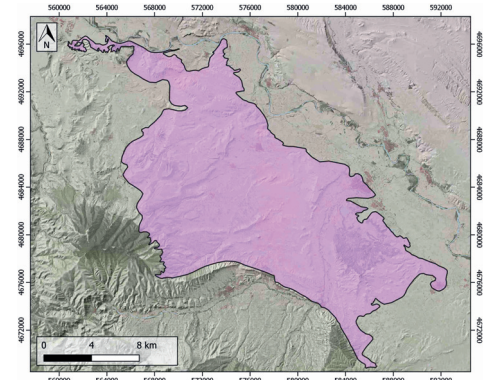
GENERAL INFORMATION

Structure type	Evaporite body
Deformed/Undeformed	Deformed
Geological Setting	Ebro foreland basin, Northwestern Domain
Outcropping/buried	Outcropping
Evaporite unit/s name	Falces gypsum Fm., Lerín gypsum Fm.
Evaporite unit/s age	Oligocene-Lower Miocene
Evaporite unit/s origin	Continental
Classif. (Hudec and Jackson, 2009)	No diapirism
Classif. (Jackson and Talbot, 1986)	No diapirism
Other comments	Evaporites formed under a playa-lake system. Detritic intercalations are related to the Pyrenean and Iberian ranges uplift during the Oligocene and Early Miocene (see Salvany, 1989).

LOCATION



SHAPE AND SUB-SURFACE STRUCTURE



STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Gypsum-Shale-Anhydrite-Glauberite-Halite
Syn-kinematic unit/s	Lower Miocene (Tudela Fm., shales and sandstones) ; Lower-Middle Miocene (Alfaro Fm., sandstones)
Post-evaporite and pre-kinematic unit/s	-
Post-kinematic unit/s (or post-evaporite deposition when undeformed)	Middle-Upper Miocene (limestones, sandstones and conglomerates) ; Quaternary
Age of evaporite flow or deformation (when deformed)	Miocene
Flow or deforming triggering mechanisms	Alpine compression in the Navarra-Rioja basin (folding early stage and thrusting late stage)
Halokinetic structures	Thrust faults / anticline-syncline folding / Low-angle unconformities

SUB-SURFACE DATA AVAILABILITY

Available borehole data	Yes
Available seismic data	Yes

MAIN REFERENCES

Stratigraphy	Salvany (1989)
Regional Stratigraphy	Salvany (1989)
Structure	Casas-Sainz et al. (1994)
Regional Structure	Casas-Sáinz and Berdiel (1999)
Gravimetry	Guinea et al. (2014)
Petrophysics/Paleomagnetism	nd

GEOLOGY (GEODE IGME)

