

GENERAL INFORMATION

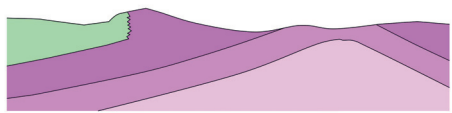
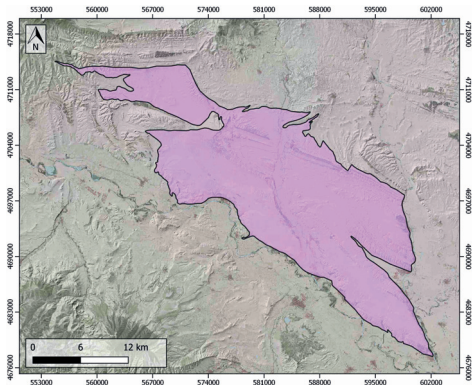
Structure type	Evaporite body
Deformed/Undeformed	Deformed
Geological Setting	Ebro foreland basin, Northwestern Domain
Outcropping/buried	Outcropping
Evaporite unit/s name	Falces gypsum Fm., Lerín gypsum Fm., Los Arcos gypsum Unit
Evaporite unit/s age	Oligocene-Lower Miocene
Evaporite unit/s origin	Continental
Classif. (Hudec and Jackson, 2009)	No diapirism
Classif. (Jackson and Talbot, 1986)	No diapirism
Other comments	Los Arcos gypsum Unit represents the uppermost level of the Lerín Fm., and contains widely studied glauberite deposits.

LOCATION



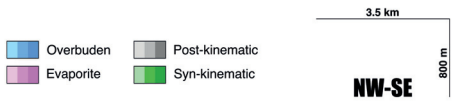
SHAPE AND SUB-SURFACE STRUCTURE

Evaporite unit/s composition	Gypsum-Shale-Anhydrite-Glauberite-Halite
Post-evaporite and pre-kinematic unit/s	-
Syn-kinematic unit/s	Lower Miocene (Tudela Fm., shales and sandstones) ; Lower-Middle Miocene (Alfaro Fm., sandstones)
Post-kinematic unit/s (or post-evaporite desposition when undeformed)	Middle-Upper Miocene (limestones, sandstones and conglomerates) ; Quaternary
Age of evaporite flow or deformation (when deformed)	Miocene
Flow or deforming triggering mechanisms	Alpinecompression 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

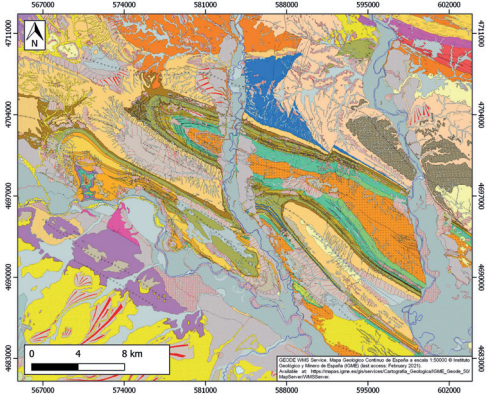
Available borehole data	Yes
Available seismic data	Yes



MAIN REFERENCES

Stratigraphy	Salvany (1997)
Regional Stratigraphy	Salvany (1989)
Structure	Casas-Sainz et al. (1994)
Regional Structure	Suárez-González et al. (2013)
Gravimetry	Guinea et al. (2014)
Petrophysics/Paleomagnetism	nd

GEOLOGY (GEODE IGME)



IBERIAN  
EVAPORITE  
STRUCTURE  
DATABASE