

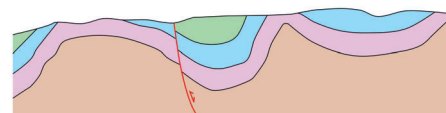
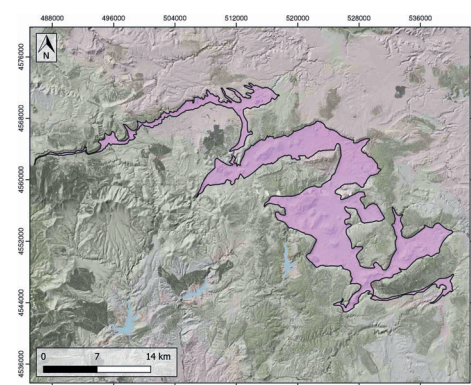
GENERAL INFORMATION

Structure type	Evaporite body
Deformed/Undeformed	Deformed
Geological Setting	Iberian Range, Castilian branch (Almanzán Basin)
Outcropping/buried	Outcropping
Evaporite unit/s name	Valderromán Fm.
Evaporite unit/s age	Carnian-Rhaetian (Upper Triassic)
Evaporite unit/s origin	Marine
Classif. (Hudec and Jackson, 2009)	Thrust piercement
Classif. (Jackson and Talbot, 1986)	nd
Other comments	Cenozoic simultaneous development of "Iberian" (NW-SE) and "Betic" (NE-SW) folds.

LOCATION



SHAPE AND SUB-SURFACE STRUCTURE



STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Shale-Sandstone-Gypsum
Post-evaporite and pre-kinematic unit/s	Lower Jurassic (Cortes de Tajuña and Cuevas Labradas Fms., «camiolas», limestones and dolostones) ; Lower Jurassic (Cerro del Pez and Barahona Fms., limestones, dolostones) ; Upper Jurassic (Turmiel and Chelva Fms.) ; Mid Cretaceous (Utrillas Fm.) ; Upper Cretaceous (Moral de Hormuez, Caballar and Castrojimenos Fms.)
Syn-kinematic unit/s	Early Miocene (red claystone, shales, sandstones, calcareous breccias and conglomerates)
Post-kinematic unit/s (or post-evaporite deposition when undeformed)	Mid-Upper Miocene (sandstones, conglomerates) ; Pliocene ; Quaternary
Age of evaporite flow or deformation (when deformed)	Oligocene to Miocene
Flow or deforming triggering mechanisms	Tectonic inversion and strike-slip displacement of the Somolinos fault
Halokinetic structures	Triangle zone development / thrusts / progressive unconformities

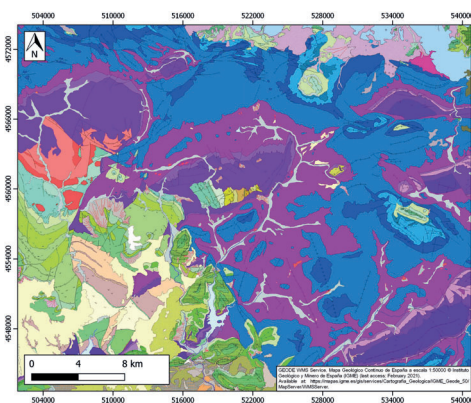
SUB-SURFACE DATA AVAILABILITY

Available borehole data	Yes
Available seismic data	Yes

MAIN REFERENCES

Stratigraphy	Aracil and Hernando (1988)
Regional Stratigraphy	Muñoz et al. (1995)
Structure	De Vicente (2018)
Regional Structure	De Vicente and Muñoz-Martín (2019)
Gravimetry	Rey-Moral et al. (2000)
Petrophysics/Paleomagnetism	Pueyo et al. (2016)

GEOLOGY (GEODE IGME)



IBERIAN
EVAPORITE
STRUCTURE
DATABASE