

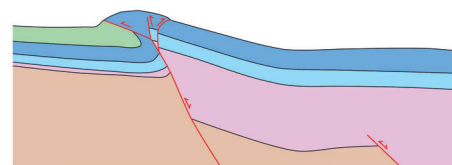
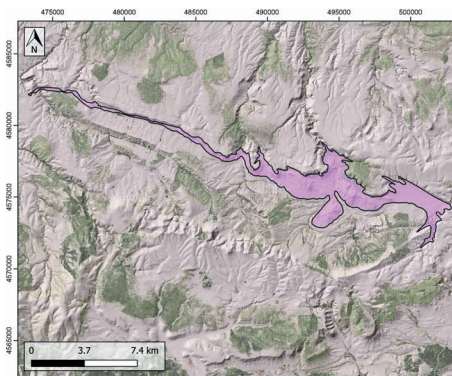
### GENERAL INFORMATION

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	Currently being evaluated for CO2 sub-surface storage in the ALGECO2 project. Storage is proposed in the sandstones of Almacén Fm. (Buntsadstein).

### LOCATION



### SHAPE AND SUB-SURFACE STRUCTURE



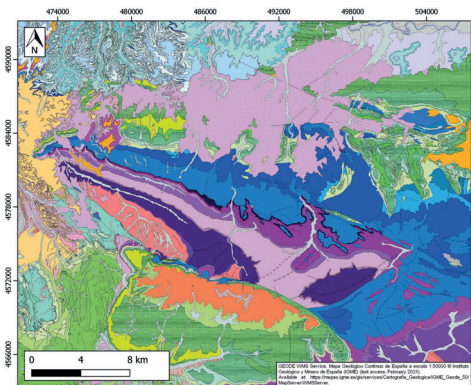
### STRATIGRAPHY AND STRUCTURE

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

### GEOLOGY (GEODE IGME)



### MAIN REFERENCES

Stratigraphy	Casas-Sainz et al. (2000)
Regional Stratigraphy	Muñoz et al. (1995)
Structure	De Vicente (2018)
Regional Structure	Guimerà (2018)
Gravimetry	De Vicente et al. (2007)
Petrophysics/Paleomagnetism	Pueyo et al. (2016)

