

Valls-Mora d'Ebre

ID #148

SUMARIZED INDEX CARD
Downloaded from Iberian Evaporite Structure DataBase

GENERAL INFORMATION

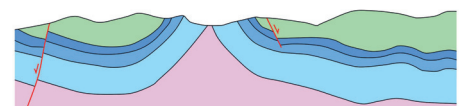
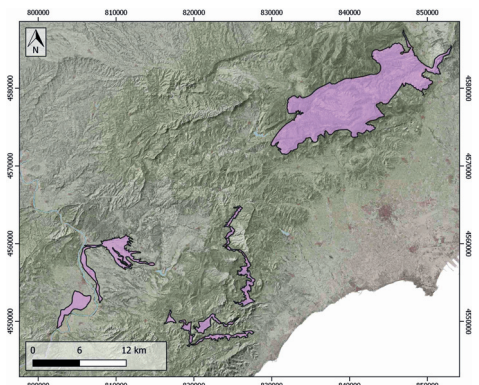
Structure type	Evaporite body
Deformed/Undeformed	Deformed
Geological Setting	Catalan Coastal Ranges
Outcropping/buried	Outcropping
Evaporite unit/s name	Keuper facies, Middle Muschelkalk facies
Evaporite unit/s age	Upper Anisian and Carnian-Rhaetian (Middle-Upper Triassic)
Evaporite unit/s origin	Marine
Classif. (Hudec and Jackson, 2009)	No diapirism
Classif. (Jackson and Talbot, 1986)	No diapirism
Other comments	-

LOCATION



SHAPE AND SUB-SURFACE STRUCTURE

Evaporite unit/s composition	Marlstone-Gypsum-Red Claystones
Syn-kinematic unit/s	Upper Jurassic (black dolostones and limestones) ; Early Cretaceous (sandstones, marlstones and red claystones) ; Paleogene (red claystones, sandstones, marlstones and conglomerates)
Post-evaporite and pre-kinematic unit/s	Jurassic (dolostones, limestones and marlstones)
Post-kinematic unit/s (or post-evaporite desposition when undeformed)	Lower Miocene; Upper Miocene ; Quaternary
Age of evaporite flow or deformation (when deformed)	Eocene to Oligocene, Paleocene-Eocene, Upper Jurassic to Lower Cretaceous
Flow or deforming triggering mechanisms	Regional extension and differential tectonic block activity and Alpine compression
Halokinetic structures	Syncline-Anticline folding / thrust faults / Normal Faults



SUB-SURFACE DATA AVAILABILITY

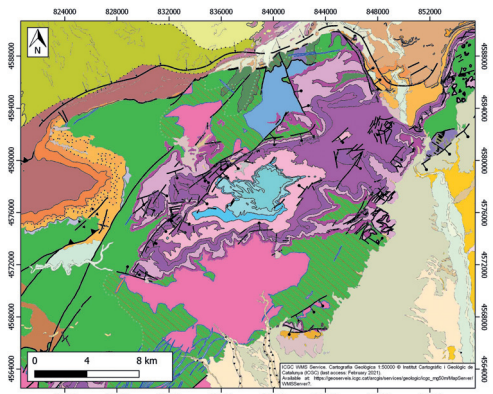
Available borehole data	Yes
Available seismic data	Yes



MAIN REFERENCES

Stratigraphy	Ortí et al. (2018)
Regional Stratigraphy	Ortí and Salvany (1987)
Structure	Vargas et al. (2009)
Regional Structure	Juez-Larré and Andriessen (2002)
Gravimetry	Izquierdo-Llavall et al. (2019)
Petrophysics/Paleomagnetism	Pueyo et al. (2016)

GEOLOGY (GEODE IGME)



IBERIAN
EVAPORITE
STRUCTURE
DATABASE