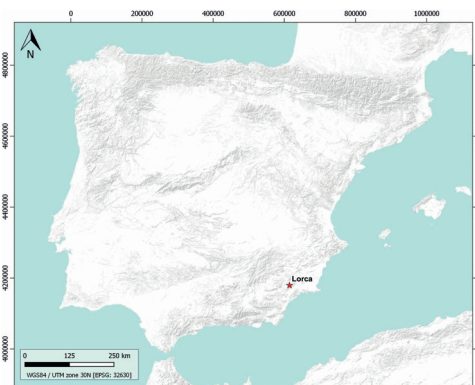


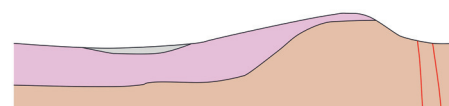
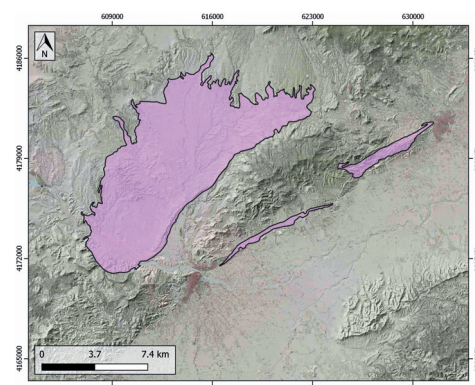
GENERAL INFORMATION

Structure type	Evaporite body
Deformed/Undeformed	Undeformed
Geological Setting	Betic system, Lorca Basin
Outcropping/buried	Outcropping
Evaporite unit/s name	La Serrata Fm.
Evaporite unit/s age	Late Tortonian-Early Messinian (Upper Miocene)
Evaporite unit/s origin	Continental, Marine
Classif. (Hudec and Jackson, 2009)	No diapirism
Classif. (Jackson and Talbot, 1986)	No diapirism
Other comments	Messinian salinity crisis represented in the Lorca basin. Early-Middle Miocene compression produced sectorial uplifts and basin development that increased marine restriction and isolation, favouring the evaporite precipitation. During the Late Miocene, extensional tectonics occurred along the Lorca basin.

LOCATION



SHAPE AND SUB-SURFACE STRUCTURE



STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Marlstone-Massive gypsum-Sandstones-Halite
Post-evaporite and pre-kinematic unit/s	
Syn-kinematic unit/s	-
Post-kinematic unit/s (or post-evaporite deposition when undeformed)	Quaternary (alluvial and colluvial detrital deposits)
Age of evaporite flow or deformation (when deformed)	Undeformed
Flow or deforming triggering mechanisms	-
Halokinetic structures	-

SUB-SURFACE DATA AVAILABILITY

Available borehole data	Yes
Available seismic data	Yes

MAIN REFERENCES

Stratigraphy	García-Veigas et al. (2020)
Regional Stratigraphy	Montenat et al. (1990)
Structure	de Galdeano et al. (2012)
Regional Structure	Krijgsman et al. (2006)
Gravimetry	Ayala et al. (2016)
Petrophysics/Paleomagnetism	Turell et al. (1997)

GEOLOGY (GEODE IGME)

