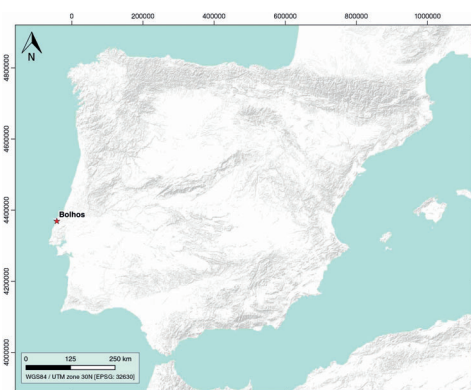


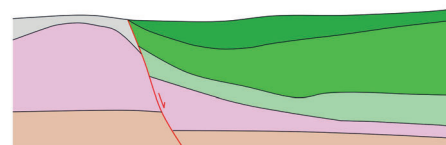
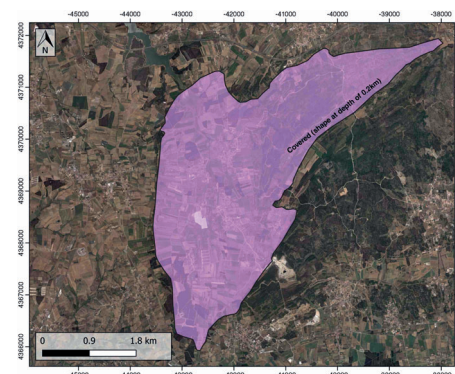
GENERAL INFORMATION

Structure type	Evaporite-cored anticline
Deformed/Undeformed	Deformed
Geological Setting	Lusitanian Basin, Central Domain
Outcropping/buried	Buried
Evaporite unit/s name	Dagorda Fm.
Evaporite unit/s age	Late Rhaetian-Hettangian (Upper Triassic-Lower Jurassic)
Evaporite unit/s origin	Marine
Classif. (Hudec and Jackson, 2009)	Passive piercement
Classif. (Jackson and Talbot, 1986)	Salt stock
Other comments	-

LOCATION



SHAPE AND SUB-SURFACE STRUCTURE

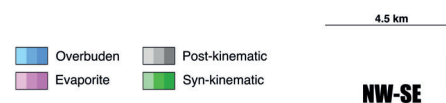


STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Gypsum-Marlstone-Halite-Bituminous dolomite
Post-evaporite and pre-kinematic unit/s	Lower Jurassic (Coimbra and San Miguel Fms., dolostones) ; Mid Early Jurassic (Agua das Medeiros, Vale das Fontes and Lemedo Fms, marlstones, marly limestones, limestones) ; Late Early Jurassic-Middle Jurassic (Brenha Fm., limestones, marly limestones) ; Late Jurassic (Complexo Carbonoso and Montejunto, marlstones and limestones)
Syn-kinematic unit/s	Kimmeridgian (Alcobasa Fm., limestones and marly limestones) ; Tithonian (Lourinha Fm., sandstones and conglomerates)
Post-kinematic unit/s (or post-evaporite deposition when undeformed)	Pliocene (siltstones, sandstones, conglomerates) ; Quaternary
Age of evaporite flow or deformation (when deformed)	late Cretaceous to Miocene, Upper Jurassic to Upper Cretaceous
Flow or deforming triggering mechanisms	Rifting and normal faulting
Halokinetic structures	Normal faults / anticline-syncline folding

SUB-SURFACE DATA AVAILABILITY

Available borehole data	No
Available seismic data	No



MAIN REFERENCES

Stratigraphy	Duarte (2007)
Regional Stratigraphy	Davison and Barreto (2020)
Structure	Pereira et al. (2014)
Regional Structure	Davison and Barreto (2020)
Gravimetry	Cardoso et al. (2015)
Petrophysics/Paleomagnetism	Sêco et al. (2019)

GEOLOGY (GEODE IGME)

