Vimeiro

ID #100

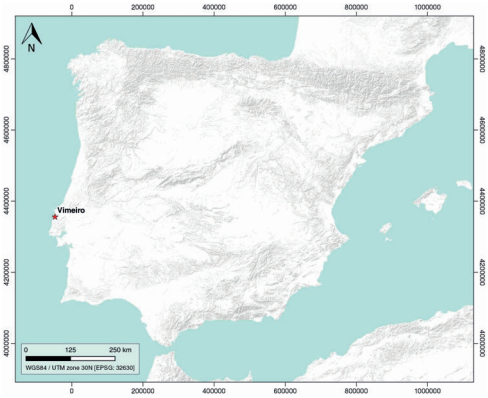
SUMARIZED INDEX CARD

Downloaded from Iberian Evaporite Structure DataBase

GENERAL INFORMATION

Structure type	Evaporite-cored anticline
Deformed/Undeformed	Deformed
Geological Setting	Lusitanian Basin, Western Domain
Outcropping/buried	Outcropping
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)	Ductile piercement
Classif. (Jackson and Talbot, 1986)	Salt wall
Other comments	-

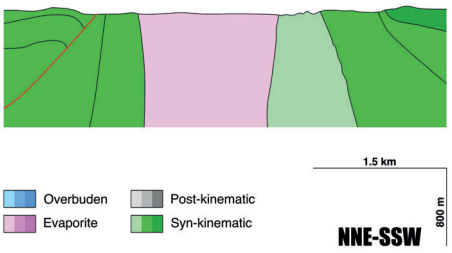
LOCATION



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 Lemede 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	Lower-Upper Kimmeridgian (Abadia Fm., shales, sandstones and conglomerates); Upper Kimmeridgian-Berriasian (Lourinha Fm., sandstones and conglomerates)
Post-kinematic unit/s (or post-evaporite desposition 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

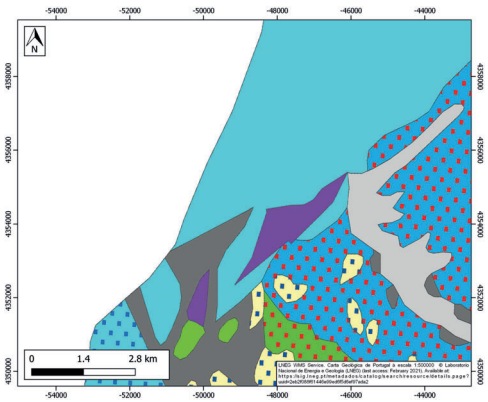
SHAPE AND SUB-SURFACE STRUCTURE



SUB-SURFACE DATA AVAILABILITY

Available borehole data	No
Available seismic data	No

GEOLOGY (GEODE IGME)



MAIN REFERENCES

Stratigraphy	Taylor et al. (2014)
Regional Stratigraphy	Davison and Barreto (2020)
Structure	Chaminé et al. (2004)
Regional Structure	Pimentel and Pena-dos-Reis (2016)
Gravimetry	Cardoso et al. (2015)
Petrophysics/Paleomagnetics	Sêco et al. (2019)

IBERIAN EVAPORITE STRUCTURE DATABASE

More information about this and other structures is available in https://iesdb.eu
Full dataset is available in https://doi.org/10.20350/digitalCSIC/14586