Poza de la Sal

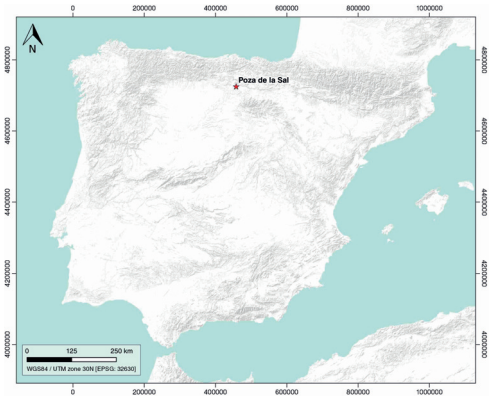
ID #002

SUMARIZED INDEX CARD

GENERAL INFORMATION

Structure type	Evaporite Diapir
Deformed/Undeformed	Deformed
Geological Setting	Basque-Cantabrian Basin, Burgalesa Platform
Outcropping/buried	Outcropping
Evaporite unit/s name	Keuper facies
Evaporite unit/s age	Carnian-Rhaetian (Upper Triassic)
Evaporite unit/s origin	Marine
Classif. (Hudec and Jackson, 2009)	Ductile piercement
Classif. (Jackson and Talbot, 1986)	Salt stock
Other comments	Age of evaporite flow not well determined. Open-pit mine aperture suggested for 2021.

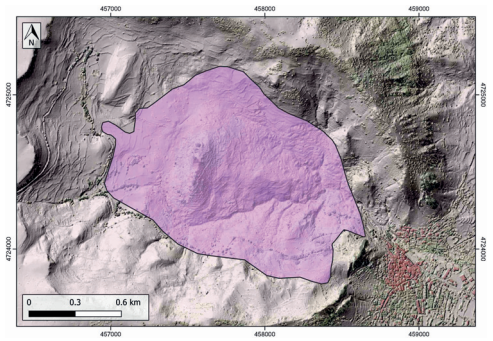
LOCATION

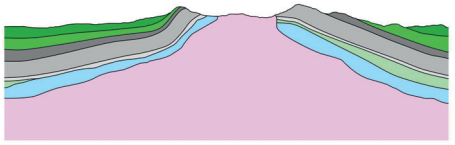


STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Anhydrite - Halite - Sylvite - Carnallite
Post-evaporite and pre-kinematic unit/s	Jurassic (Calcareous breccias, limestones and dolomites)
Syn-kinematic unit/s	Late Upper Cretaceous (limestones, marlstones, marly limestones, dolostones, micritic limestones) ; Oligocene (red claystones and sandstones)
Post-kinematic unit/s (or post-evaporite desposition when undeformed)	Upper Cretaceous-Eocene
Age of evaporite flow or deformation (when deformed)	Lower Cretaceous, Oligocene to Miocene
Flow or deforming triggering mechanisms	Mesozoic extensional regime (early stage) and Alpine compression (late reactivation stage)
Halokinetic structures	Joints / Faults / Low-angle extensional faults / Anticline folding / Progressive discordances

SHAPE AND SUB-SURFACE STRUCTURE

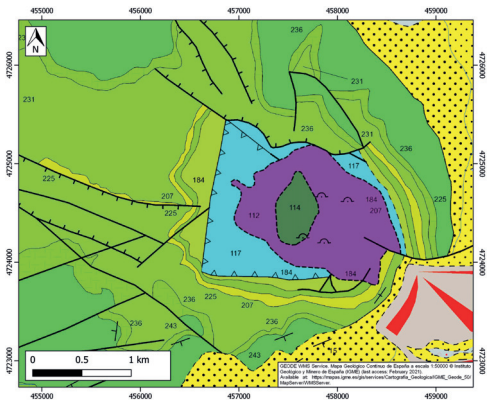




SUB-SURFACE DATA AVAILABILITY

Available borehole data	No
Available seismic data	Yes

GEOLOGY (GEODE IGME)



MAIN REFERENCES

Stratigraphy	Cámara (2017)
Regional Stratigraphy	Pedrera et al. (2017)
Structure	Quintà et al. (2012)
Regional Structure	Cámara (2020)
Gravimetry	Pedrera et al. (2017)
Petrophysics/Paleomagnetics	Llamas et al. (2017)

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