

Salinas del Oro

ID #024

SUMARIZED INDEX CARD

Downloaded from Iberian Evaporite Structure DataBase

GENERAL INFORMATION

Structure type	Evaporite Diapir
Deformed/Undeformed	Deformed
Geological Setting	Basque-Cantabrian Basin, Navarra-Álava trough
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 wall, Welded
Other comments	Alignment of the Salinas del Oro, Anoz, Alloz, Estella, Ollo, Echalecu and Iza along the Pamplona fault.

STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Claystone-Gypsum-Halite-Anhydrite-Ophites
Post-evaporite and pre-kinematic unit/s	Jurassic (dolostones, marls and oolitic limestones)
Syn-kinematic unit/s	Upper Weald facies / Aptian-middle Albian (Urgonian Group; Punta del Bakio Unit) / Danian-Selandian / Thanetian-Ypresian / Lutetian-Bartonian / Priabonian-Burdigalian
Post-kinematic unit/s (or post-evaporite desposition when undeformed)	Quaternary (alluvial and colluvial detrital deposits)
Age of evaporite flow or deformation (when deformed)	Danian to Burdigalian and Lower Cretaceous
Flow or deforming triggering mechanisms	Pamplona fault
Halokinetic structures	Progressive unconformities / radial normal and thrust faults / thickness variations

SUB-SURFACE DATA AVAILABILITY

Available borehole data	No
Available seismic data	Yes

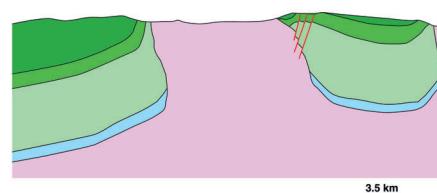
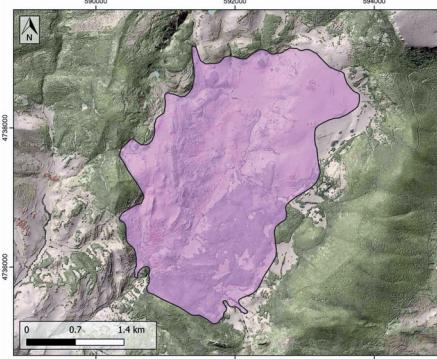
MAIN REFERENCES

Stratigraphy	Larrasoña et al. (2003)
Regional Stratigraphy	Pedrera et al. (2017)
Structure	Cámarra (2020)
Regional Structure	Larrasoña et al. (2003)
Gravimetry	Pinto et al. (2005)
Petrophysics/Paleomagnetics	Llamas et al. (2017)

LOCATION



SHAPE AND SUB-SURFACE STRUCTURE



N-S

GEOLOGY (GEODE IGME)

