

GENERAL INFORMATION

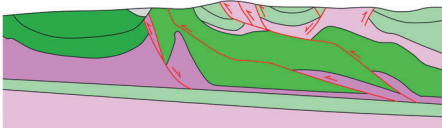
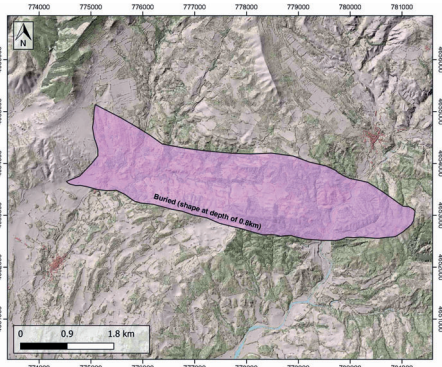
Structure type	Evaporite-cored anticline
Deformed/Undeformed	Deformed
Geological Setting	Ebro foreland basin, Northern-Central Domain
Outcropping/buried	Buried
Evaporite unit/s name	Barbastro Fm.
Evaporite unit/s age	Upper Priabonian-Chatian (Eocene-Oligocene)
Evaporite unit/s origin	Continental
Classif. (Hudec and Jackson, 2009)	Ductile piercement, Thrust piercement
Classif. (Jackson and Talbot, 1986)	Salt anticline
Other comments	Main growth of the anticline coeval with the Peraltila Fm. deposition and accompanied by a significant forelandward shift of the basin depocenter (see Senz and Zamorano, 1982).

LOCATION



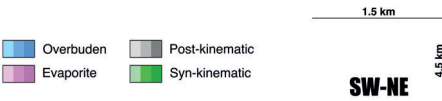
SHAPE AND SUB-SURFACE STRUCTURE

Evaporite unit/s composition	Gypsum-Halite-Anhydrite-Shale
Syn-kinematic unit/s	Rupelian (Peraltila Fm., limestones, marly limestones, sandstones and red mudstones) ; Upper Rupelian (Calasanz Fm., conglomerates and sandstones) ; Upper Rupelian (Peraltila Fm., red shales, sandstones and conglomerates) ; Chatian (Sarifena Fm., sandstones and conglomerates)
Post-evaporite and pre-kinematic unit/s	nd
Post-kinematic unit/s (or post-evaporite desposition when undeformed)	Late Chatian-Miocene (Baells Fm.) ; Quaternary
Age of evaporite flow or deformation (when deformed)	Lower Oligocene, Late Oligocene
Flow or deforming triggering mechanisms	Alpine compression and thrusting mechanisms
Halokinetic structures	Normal faults / joints / progressive unconformities / anticline-syncline folding



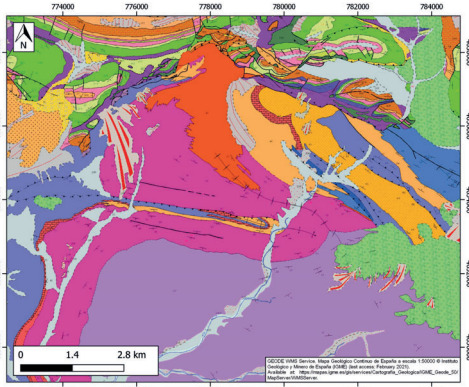
SUB-SURFACE DATA AVAILABILITY

Available borehole data	Yes
Available seismic data	Yes



GEOLOGY (GEODE IGME)

Stratigraphy	Senz et al. (1992)
Regional Stratigraphy	Senz et al. (1992)
Structure	Peña and Pocoví (1988)
Regional Structure	Cámara and Flinch (2017)
Gravimetry	Santolaria et al. (2020)
Petrophysics/Paleomagnetism	Santolaria et al. (2017)



IBERIAN
EVAPORITE
STRUCTURE
DATABASE