Montblanc-Vimbodí

SUMARIZED INDEX CARD

ID #119

Downloaded from Iberian Evaporite Structure DataBase

GENERAL INFORMATION

Structure type	Evaporite body
Deformed/Undeformed	Undeformed
Geological Setting	Ebro foreland basin, Southeastern Domain
Outcropping/buried	Outcropping
Evaporite unit/s name	Talavera Fm., Valldeperes, Pira, Rauric and Santa Coloma Fms.
Evaporite unit/s age	Bartonian (Paleogene), Stampian (Paleogene)
Evaporite unit/s origin	Continental
Classif. (Hudec and Jackson, 2009)	No diapirism
Classif. (Jackson and Talbot, 1986)	No diapirism
Other comments	Sedimentation coeval to Paleogene compression and development of NNW-verging folds. Diagenetic cycle: deposition of primary gypsum; transformation into anhydrite during burial; and anhydrite hydration into secondary gypsum during exhumation. Gypsiferous lithofacies preserved as secondary gypsum.

STRATIGRAPHY AND STRUCTURE

Evaporite unit/s composition	Gypsum-Claystone-Gypsarenites-Anhydrite
Post-evaporite and pre-kinematic unit/s	
Syn-kinematic unit/s	
Post-kinematic unit/s (or post-evaporite desposition when undeformed)	Upper Miocene (conglomerates and red claystones) ; Quaternary
Age of evaporite flow or deformation (when deformed)	Undeformed
Flow or deforming triggering mechanisms	-
Halokinetic structures	

SUB-SURFACE DATA AVAILABILITY

Available borehole data	Yes
Available seismic data	No

MAIN REFERENCES

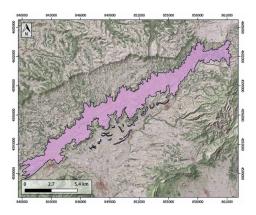
Stratigraphy	Ortí et al. (2007)
Regional Stratigraphy	Ortí et al. (2007)
Structure	Vergés et al. (1998)
Regional Structure	Anadón et al. (1985)
Gravimetry	Guinea et al. (2010)
Petrophysics/Paleomagnetics	Costa (2011)

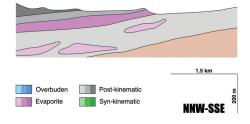
IBERIAN EVAPORITE STRUCTURE DATABASE

LOCATION



SHAPE AND SUB-SURFACE STRUCTURE





GEOLOGY (GEODE IGME)

