

Project IV: Geomicrobiological study of gypsum-deposits (Viloví, Barcelona, Spain)

-This ancient Sabkha environment from the Upper TorTonia-Messinian is mainly composed of gypsum (60 m thick) with thin carbonate partings and a few lutitic (silt and clay-size sediment) beds.

-Project IV aims at the geochemical and morphological characterization of gypsum and thin carbonate structures.

-Methods: SEM-EDS; XRD; RAMAN; C, O, S isotopes; elemental composition (ICP-MS-OES).

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