

Pépinster Formation - PER

Authors: Dejonghe, Hance & Steemans, 1991b.

Description: The formation essentially consists of greenish, reddish and variegated shales, siltstones and sandstones. The rocks become calcareous in the upper part. A characteristic unit with greenish sandstones and two conglomerate beds and containing plant fragments, brachiopods and tentaculites occurs about 10m above the base of the formation; it corresponds to the Heusy Member of Hance et al., 1989.

Stratotype: composite stratotype based on three sections at Pépinster: west banks of the Hogne, railway section Pépinster Spa and railway section Liège-Eupen, km 121.

Area: South-eastern flank of the Dinant Synclinorium, north of the Xhoris Fault and Vesdre Nappe.

Thickness: 213m at Remouchamps (south-eastern flank of the Dinant Synclinorium); in the Vesdre Nappe the thickness of the formation increases from west to east, 53m at Prayon and 95m at Pépinster.

Age: Late Eifelian-early Givetian based on spores (Steemans, 1991).