

Neuville Formation - NEU

Authors: Tsien, 1974: lower part; Boulvain, Coen & Coen-Aubert, 1993, 1999a.

Description: Typically dense nodular shales, with only few inferior nodular and argillaceous limestone beds. The macrofauna mainly consists of colonial corals. Reddish-pinkish, massive limestone mounds with typical stromatolites, colonial corals and brachiopods (Petit-Mont Member) occur in the Neuville Fm and the overlaying Valisettes Fm.

Stratotype: Southern Neuville railway cut and abandoned Petit-Mont Quarry at Vodelée, type locality of the Petit-Mont Mbr.

Area: Southern and South-eastern border of the Dinant Synclinorium up to Sy and in the Philippeville Anticlinorium.

Thickness: On the southern and south-eastern border of the Dinant Synclinorium the thickness varies between about 25 m in the Frasnes-Nismes area, 40 m at Givet, 110 m at Han-sur-Lesse and 50 m at Sy. In the Philippeville Anticlinorium thickness is about 15 m tot 25 m. The thickness of the Petit-Mont mounds is from about 20 m tot 80 m.

Age: Late Frasnian, Lower *rhenana* conodont Zone (Coen & Coen-Aubert, 1976; Bultynck et al., 1998).