

National Commission for Stratigraphy Belgium

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3.2.7.1. Dendermonde Member - EID

Quaternary

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Author: De Moor, 1974.

Description: Consists of gravelly coarse sand layers to gravel layers with boulders. Locally cryoturbations are present. The gravel is mainly composed of rounded flint, flint fragments, quartz grains, wood fragments, reworked shells and locally fossil remains and sandstone fragments. The very coarse elements consist predominantly of large fossil mammal bones, large tree fragments among which complete preserved tree-trunks and boulders (Palaeozoic sandstone).

Upwards and distal from the main valley edges the unit evolves into medium sand with fine gravel and contains freshwater shells and occasionally reworked Eemian shells (Langerbrugge Bed, De Moor, 1974) or locally into medium fine sands with intercalated peat layers (Beernem Bed, De Moor et al., 1978). Locally it interfingers with gravelly braided river deposits (Bos van Aa Member, Bogemans, 1993).

Stratotype: Dendermonde lock (alluvial fan facies); Zemst (Bos van Aa, braided river deposits); Gent Sifferdok (Langerbrugge Bed facies); Beernem (Beernem Bed facies).

Area: Schelde basin.

Thickness: 3 to 5m.

Age: Upper Pleistocene, Weichselian.

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