

### 3.6. Stop 6a – Geistthal

Topic: Basal sequence of the Kainach Gosau (lower part).

Locality: Road junction Almgrabenweg/Muralterweg northwest of Geistthal, 47°10'41"N/15°09'38"E.

Lithostratigraphy: Geistthal Formation.

Biostratigraphy: –

Chronostratigraphic age: Upper Santonian to lower Campanian.

Description: Polymict conglomerates in red (haematitic) matrix alternating with red siltstones (alluvial fan) (Fig. 16, 1–2).

References: SCHIRNIK (1995).

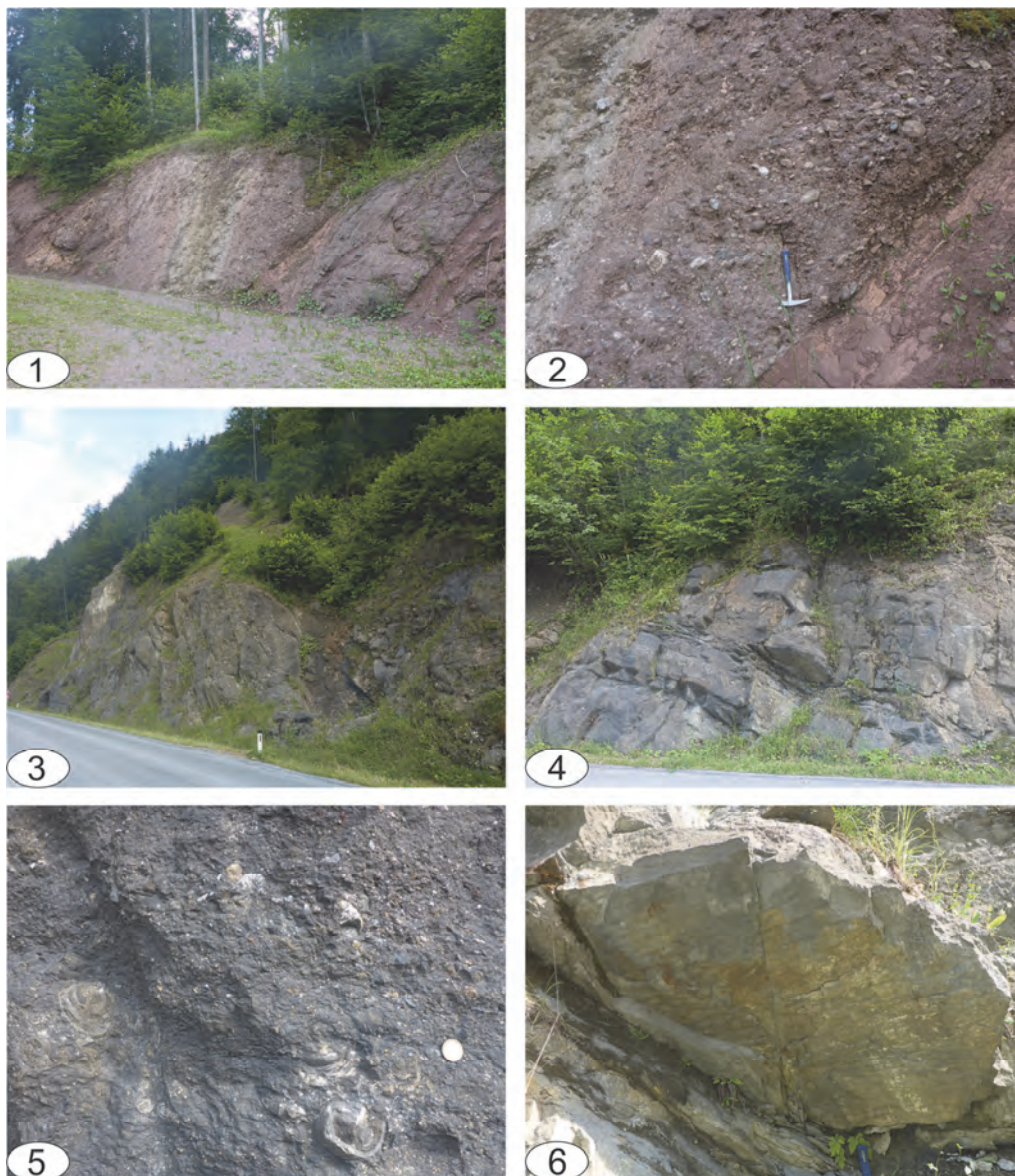


Fig. 16. Lower Geistthal Fm. at Geistthal (1–2) and upper Geistthal Fm. at Gallmannsegg.  
 1) Basal succession of the Geistthal Formation at Almgrabenweg/Muralterweg northwest of Geistthal; 2) Polymict conglomerate with red (haematitic) matrix. Hammer for scale (Detail of 1); 3) Section through conglomerate-sandstone alternation of the upper Geistthal Fm. along Gallmannsegg road; 4) Upper part of the section containing snail shells of 5) Some *Trochactaeon* shells in life position. One Euro coin for scale; 6) Symmetrical ripple marks on the lower surface of a sandstone bed.