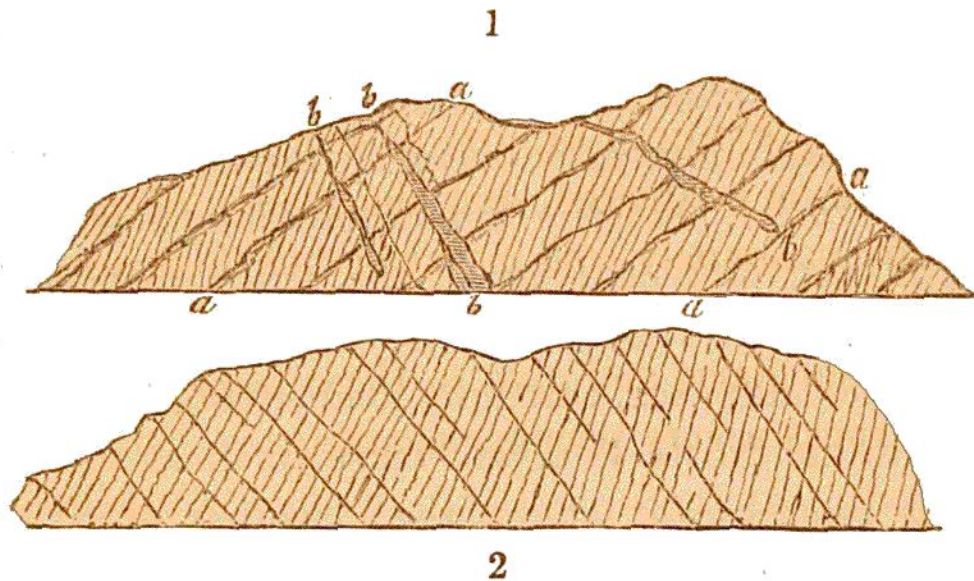


sand bay, in Pembrokeshire (Tab. 140, fig. 2), the discrepancy between the lines of deposition and of cleavage is strongly marked. The beds termed grauwacké, contain fragments and pebbles of clay-



TAB. 140.—SECTIONS OF CAMBRIAN ROCKS.\*

Fig. 1. Section near Llandovery. Quartzose grit and sandstone; *a a* laminae of deposit; *b b* quartz veins. The highly inclined lines mark the planes of slaty cleavage.

Fig. 2. Section of slate rocks at Whitesand bay, Pembrokeshire; the cleavage and lines of stratification divergent.

slate, and other rocks, and have evidently been indurated by high temperature: in proportion as the extraneous substances are large or small, abundant or scanty, the compound rock is termed a greywacké conglomerate, or greywacké slate. Mr. Bakewell observes, that if the red colour were absent in the conglomerates of the old red sandstone (page 613), those beds would be in every respect identical with the greywacké of these lower forma-

\* Silurian System, p. 368, and p. 400.