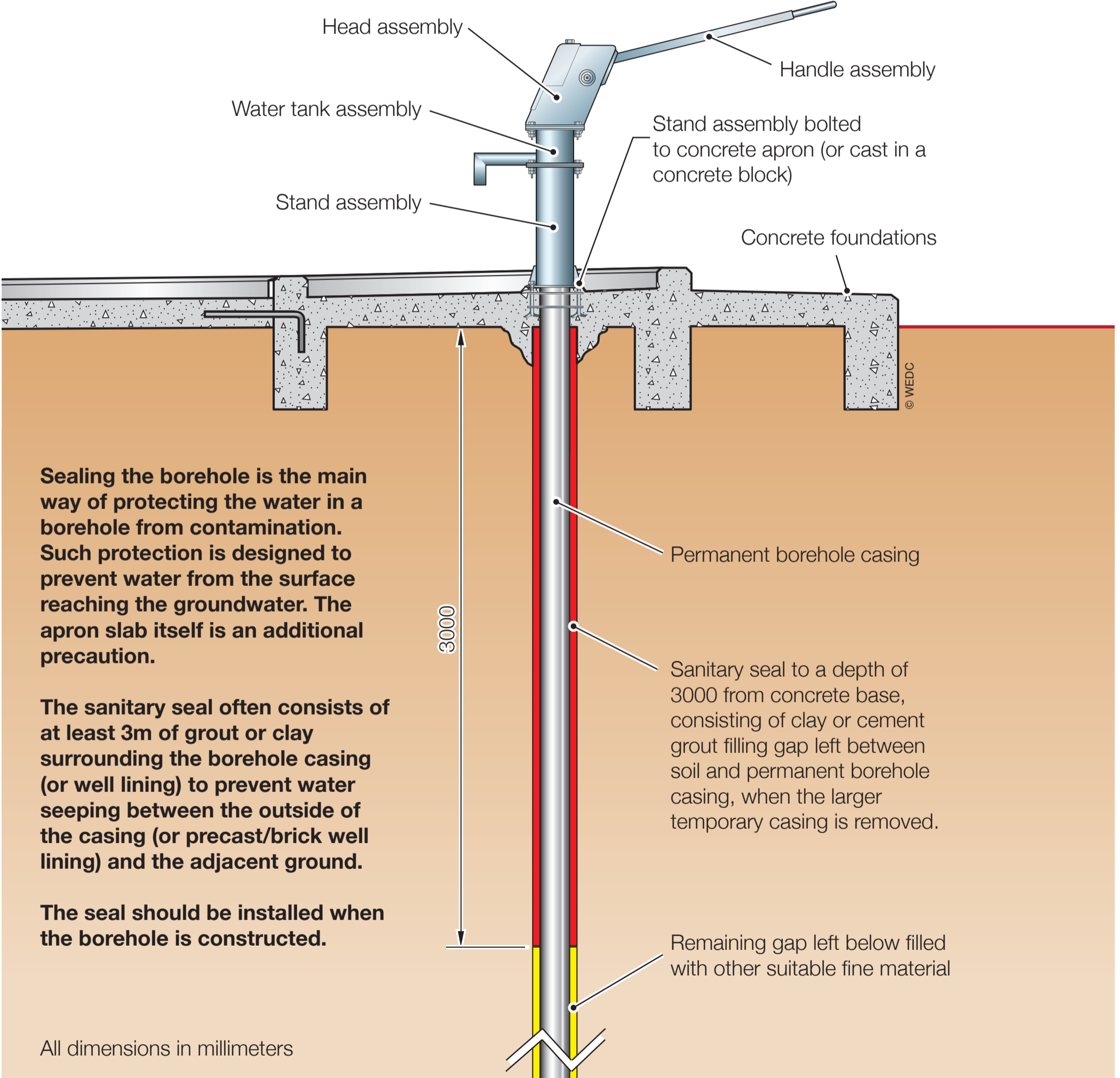


Sealing a borehole with a sanitary seal



Sealing the borehole is the main way of protecting the water in a borehole from contamination. Such protection is designed to prevent water from the surface reaching the groundwater. The apron slab itself is an additional precaution.

The sanitary seal often consists of at least 3m of grout or clay surrounding the borehole casing (or well lining) to prevent water seeping between the outside of the casing (or precast/brick well lining) and the adjacent ground.

The seal should be installed when the borehole is constructed.

All dimensions in millimeters

Source: SKINNER, B. H. 2012. *An engineer's guide to apron slabs for water points: WEDC Booklet No. 3*. Loughborough, UK: WEDC, Loughborough University