

ABSTRACT

A grouting consolidation method for a full casing borehole guide prefabricated pile, comprising the following steps: S1, driving a drilling rig carrying a casing (1) to perform borehole construction, the borehole construction being performed to a preset hole depth to form a borehole (2); S2. the casing (1) being housed in the borehole (2); S3. implanting a prefabricated pile (4) into the borehole (2) so that the prefabricated pile (4) reaches a hole bottom of the borehole (2); S4. injecting a slurry (3) into the borehole (2); S5. pulling out the casing (1) so that the prefabricated pile (4) and an inner cavity of the borehole (2) are fixed and cemented into an integrated structure. Also provided is a prefabricated pile, comprising a pile body and a grouting channel (5) provided on the pile body, wherein a liquid inlet end (11) of the grouting channel (5) extends out from an upper end surface of the pile body and a liquid outlet end (12) of the grouting channel (5) extends out from a lower end surface of the pile body and/or a side surface of the pile body.

Figure 1