

A B S T R A C T

The invention relates to a method of monitoring the diameter of columns made in the ground by jet grouting.

5 In the method, a measuring instrument (14) is provided which is constituted by a tubular element (16) of length substantially equal to the length of the column (2), said tubular element being fitted with a plurality of emission electrodes (18) for creating an electric field, and with

10 a plurality of measurement electrodes (18) for measuring the resulting potential differences; a reference borehole is made in the ground; an axial borehole (36) is made in the column (32) to be tested; said measuring instrument (16) is inserted in the borehole in said column and

15 voltage measurements are performed at different depths; and said measurements are processed.

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