



Direct Circulation Drilling



It is a suitable technique for alluvial and rocky soils and to perform medium-tight holes (from 6" (152mm) to 17"1/2 (444mm)) even for high depths.

This technique consists in pump the mud directly in the drilling string thanks to an appropriate power pump; the mud reaches the drilling tool at the end of the hole and then goes up again to whit the cuttings through the annulus between the rods and the wall of the well.

For larger diameters this technique can lead to issues and high costs, these problems can be avoided with the reverse circulation technique.