

**Method for experimental determination of rock
salt dissolution rate coefficient used in
Podzemgasprom, Ltd**

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ABSTRACT

The method of experimental determination of the rock salt dissolution rate coefficient under natural convection on a borehole core is described. The method is put into practice in design and construction of underground caverns by leaching through wells. The values of the rock salt dissolution rate coefficients. The results presented were obtained in dissolving borehole cores taken from bedded, domed and stock salt deposits. The statistical processing of these results shows that the dissolution rate coefficients are the lowest for rock salt from bedded deposits.

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