

Geotechnical investigation and testing - Geohydraulic testing - Part 2: Water permeability tests in a borehole using open systems (ISO 22282-2:2012)

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English Version

Geotechnical investigation and testing - Geohydraulic testing - Part 2: Water permeability tests in a borehole using open systems (ISO 22282-2:2012)

Reconnaissance et essais géotechniques - Essais
géohydrauliques - Partie 2: Essais de perméabilité à l'eau
dans un forage en tube ouvert (ISO 22282-2:2012)

Geotechnische Erkundung und Untersuchung -
Geohydraulische Versuche - Teil 2:
Wasserdurchlässigkeitsversuche in einem Bohrloch unter
Anwendung offener Systeme (ISO 22282-2:2012)

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Foreword

This document (EN ISO 22282-2:2012) has been prepared by Technical Committee CEN/TC 341 "Geotechnical Investigation and Testing", the secretariat of which is held by ELOT, in collaboration with Technical Committee ISO/TC 182 "Geotechnics".

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2012, and conflicting national standards shall be withdrawn at the latest by December 2012.

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Geotechnical investigation and testing — Geohydraulic testing —

Part 2:

Water permeability tests in a borehole using open systems

1 Scope

This part of ISO 22282 specifies requirements for the determination of the local permeability in soils and rocks below and above groundwater level in an open hole by water permeability tests as part of the geotechnical investigation services according to EN 1997-1 and EN 1997-2.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 14688-1, *Geotechnical investigation and testing — Identification and classification of soil — Part 1: Identification and description*

ISO 14689-1, *Geotechnical investigation and testing — Identification and classification of rock — Part 1: Identification and description*

ISO 22282-1: 2011, *Geotechnical investigation and testing — Geohydraulic testing — Part 1: General rules*

ISO 22475-1, *Geotechnical investigation and testing — Sampling methods and groundwater measurements — Part 1: Technical principles for execution*

3 Terms, definitions and symbols

3.1 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 22475-1 and ISO 22282-1 apply.

3.2 Symbols

For the purposes of this document, the symbols given in Table 1 apply.