

**The Appendix is an integral part of
Certificate of Accreditation No. 516/2024 of 02/10/2024**

Accredited entity according ČSN EN ISO/IEC 17025:2018:

PUDIS a.s.

CAB number 1762, Laboratory of Soil and Rock Mechanics
Podbabská 1014/20, Bubeneč, 160 00 Praha 6

The laboratory provides opinions and interpretations of the test results.

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1	Determination of water content by gravimetry	ČSN EN ISO 17892-1	Soil	-
2	Determination of liquid and plastic limits, determination of colloidal activity index, plasticity index and consistency index by calculation from measured values	ČSN EN ISO 17892-12, except cl. 4.3	Soil	-
3	Determination of laboratory reference bulk density and water content – Proctor compaction	ČSN EN 13286-2, except cl. 7.3 and 7.6	Unbound and hydraulically bound mixtures	-
4	Determination of California Bearing ratio (CBR), immediate bearing index (IBI) and linear swelling	ČSN EN 13286-47	Unbound and hydraulically bound mixtures	-
5	Determination of particle size distribution, uniformity coefficient, coefficient of curvature and filtration coefficient according to Mallet-Pacquant by calculation from measured values	ČSN EN ISO 17892-4 ČSN P 73 1005 Annex A chap. A.1.3 Journal of Hydrology and Hydromechanics, Volume 66: Issue 3 – Assessment of formulae for determining the hydraulic conductivity of glass beads, Jaromír Říha, Lubomír Petrula, Mario Hala, Zakaraya Alhasan	Soil	-
6	Direct shear test	ČSN EN ISO 17892-10	Soil	-
7	Determination of the water content by drying in a ventilated oven	ČSN EN 1097-5	Aggregates	-
8	Determination of bulk density	ČSN EN ISO 17892-2	Soil	-
9	Determination of compressive strength of rocks	PP-01 (FRANKLIN, J.A.: Suggested method for the determination of the Point Load Strength. ISRM, 1985)	Stone	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
10	Determination of particle density	ČSN EN ISO 17892-3	Soil	-
11	Determination of collapsibility	PP-02 (Zavoral et. al.: Metodika laboratorních zkoušek v mechanice zemin a hornin I. Mechanika zemin – metodiky. Český geologický úřad Praha, 1987) (Laboratory test methods in soil and rock mechanics I., Czech Geological Survey Prague, 1987)	Soil	-
12	Determination of density	PP-03 (Zavoral et. al.: Metodika laboratorních zkoušek v mechanice zemin a hornin III. Mechanika hornin. Český geologický úřad Praha, 1987) (Laboratory test methods in soil and rock mechanics III., Czech Geological Survey Prague, 1987)	Stone	-

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

³ the laboratory does not apply a flexible approach to the scope of accreditation

"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself. "