

**The Appendix is an integral part of
Certificate of Accreditation No. 583/2023 of 07/11/2023**

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

AZ GEO, s.r.o.
CAB number 1768, AZ GEO Soil Mechanics Laboratory
Muglinovská 1091/19, 702 00 Ostrava – Přívoz

Detailed information on activities within the scope of accreditation (source literature) is given in the section „Specification of the scope of accreditation“.

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of moisture content	ČSN EN ISO 17892-1	Soil	-
2	Determination of mass per unit volume	ČSN EN ISO 17892-2, excl. cl. 4.3, 5.3	Soil	-
3	Determination of apparent density of solid particles	ČSN EN ISO 17892-3, excl. cl. 4.4, 5.2, 6.2	Soil	-
4	Determination of grain size	ČSN EN ISO 17892-4, excl. cl. 4.4, 5.4, 6.3	Soil	-
5	Incremental loading oedometer test	ČSN EN ISO 17892-5	Soil	-
6	Test of uniaxial compressive strength	ČSN EN ISO 17892-7	Soil	-
7	Determination of strength by unconsolidated undrained triaxial test	ČSN EN ISO 17892-8	Soil	-
8	Direct shear test	ČSN EN ISO 17892-10, excl. cl. 5.2.2, 5.4.2	Soil	-
9	Determination of permeability	ČSN EN ISO 17892-11, excl. cl. 5.2.2, 6.2.2, 6.3.1, 6.3.2	Soil	-
10	Determination of liquid and plastic limits	ČSN EN ISO 17892-12, excl. cl. 4.3, 5.4, 6.3	Soil	-
11	Determination of laboratory reference density and water content – Proctor test	ČSN EN 13286-2, excl. cl. 7.3 and 7.6	Soil	-
12	Determination of California bearing ratio, immediate bearing index and linear swelling	ČSN EN 13286-47	Soil	-
13	Determination of the water content	ČSN EN 1097-5	Aggregates	-
14	Determination of swelling-ability	PP-2	Soil	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
15	Determination of collapsibility	PP-2	Soil	-
16	Determination of swelling pressure	ČSN CEN ISO/TS 17892-5:2005	Soil	-
17	Determination of bulk density	PP-1	Rock, aggregates	-
18	Determination of uniaxial compressive strength	ASTM D5731-16	Rock, aggregates	-

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

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
14	J. Zavoral et al.: Laboratory test methods in soil and rock mechanics, 1987, p. 175.
15	J. Zavoral et al.: Laboratory test methods in soil and rock mechanics, 1987, p. 174.
17	J. Zavoral et al.: Laboratory test methods in soil and rock mechanics, 1987, p. 14 - 17; J. Ďurove, I. Formender: Rock and massive mechanics, Lesson manuals, 1984, p. 23 - 24.

Explanatory notes:

PP Operating Procedure

ASTM US technical standard