

Geotechnical investigation and testing — Identification and classification of soil —

Part 1: Identification and description

ICS 93.020

National foreword

This British Standard is the UK implementation of EN ISO 14688-1:2002+A1:2013. It is identical to ISO 14688-1:2002, incorporating amendment 1:2013. It supersedes BS EN ISO 14688-1:2002, which is withdrawn. It partially supersedes BS 5930:1999+A2:2010.

The UK participation in its preparation was entrusted by Technical Committee B/526, Geotechnics, to Subcommittee B/526/3, Site investigation and ground testing.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Figure 1 includes a decision box which suggests that all inorganic low density soils are of volcanic origin. In practice, other low density inorganic soils are possible, such as loess.

The grain size definitions given in Table 1 vary from previous UK practice (as given in BS 5930:1999 and BS 1377:1990) by using a 2,0 mm and 6,3 mm cycle rather than a 2,0 mm and 6,0 mm cycle. This change is to align the grain size definitions with standard sieve sizes. It is noted that there is no effective difference in soil description between 6,0 mm and 6,3 mm.

The examples given in 4.3.3 include abbreviations for composite soils. The use of the abbreviations is not usual in UK practice where the defining terms are spelt out in full. The terms “very” or “slightly” used to describe the secondary fraction are defined in BS 5930:1999.

In 5.14 a set of descriptive terms are used to describe consistency. The terminology used is the same as that given in BS 5930:1999, except that in BS 5930:1999 they also had quantitatively defined boundaries. These numerical definitions are no longer available and so the descriptions cannot be checked by the use of field or laboratory tests.

The publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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14181 Corrigendum No. 1	16 October 2002	Correction to EN ISO foreword page
16930 Corrigendum No. 2	28 February 2007	Revision of National foreword
	31 December 2013	Implementation of ISO amendment 1:2013 with CEN endorsement A1:2013: Subclause 5.5, paragraph 1 modified

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English version

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Recherches et essais géotechniques - Identification et
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(ISO 14688-1:2002)

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