
**Geotechnical investigation and
testing — Identification and
classification of soil —**

**Part 2:
Principles for a classification**

*Reconnaissance et essais géotechniques — Identification et
classification des sols —*

Partie 2: Principes pour une classification

Document Preview

ISO 14688-2:2017

<https://standards.iteh.ai/catalog/standards/iso/520cf585-27c6-4420-b0fc-437441eca744/iso-14688-2-2017>



iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

ISO 14688-2:2017

<https://standards.iteh.ai/catalog/standards/iso/520cf585-27c6-4420-b0fc-437441eca744/iso-14688-2-2017>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Principles of soil classifications	4
4.1 General.....	4
4.2 Particle size fractions.....	6
4.3 Particle size distribution (grading).....	6
4.4 Plasticity.....	6
4.5 Organic content.....	7
4.6 Carbonate content.....	8
5 Other principles suitable for soil classification	8
5.1 General.....	8
5.2 Correlations of relative density terms for coarse soils.....	8
5.3 Undrained shear strength of fine soils.....	9
5.4 Sensitivity.....	9
5.5 Consistency index.....	9
5.6 Other parameters.....	10
Bibliography	11

ITeH Standards
 (https://standards.iteh.ai)
Document Preview

ISO 14688-2:2017

<https://standards.iteh.ai/catalog/standards/iso/520cf585-27c6-4420-b0fc-437441eca744/iso-14688-2-2017>