

DIN EN ISO 14688-2:2018-05 (E)

Geotechnical investigation and testing - Identification and classification of soil - Part 2: Principles for a classification (ISO 14688-2:2017)

| Contents | Page |
|--|------|
| European foreword..... | 3 |
| Foreword | 4 |
| Introduction..... | 5 |
| 1 Scope | 6 |
| 2 Normative references..... | 6 |
| 3 Terms and definitions..... | 7 |
| 4 Principles of soil classifications | 9 |
| 4.1 General | 9 |
| 4.2 Particle size fractions | 11 |
| 4.3 Particle size distribution (grading) | 11 |
| 4.4 Plasticity | 11 |
| 4.5 Organic content | 12 |
| 4.6 Carbonate content..... | 13 |
| 5 Other principles suitable for soil classification..... | 13 |
| 5.1 General | 13 |
| 5.2 Correlations of relative density terms for coarse soils..... | 13 |
| 5.3 Undrained shear strength of fine soils | 14 |
| 5.4 Sensitivity | 14 |
| 5.5 Consistency index..... | 14 |
| 5.6 Other parameters..... | 15 |
| Bibliography..... | 16 |