

1. Record Nr.	UNINA9910463215803321
Autore	Pitts John <1947->
Titolo	A manual of geology for civil engineers [[electronic resource] /] / John Pitts
Pubbl/distr/stampa	Singapore, : World Scientific, c1984
ISBN	1-283-97138-0 981-4415-22-7
Descrizione fisica	1 online resource (230 p.)
Disciplina	624.1/5
Soggetti	Engineering geology Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A Halsted Press book."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	ACKNOWLEDGEMENTS; PREFACE; CONTENTS; A MANUAL OF GEOLOGY FOR CIVIL ENGINEERS; CHAPTER 1: BASIC CONCEPTS IN GEOLOGY AND THEIR RELEVANCE IN CIVIL ENGINEERING; 1.1 Plate Tectonics; 1.2 Uniformitarianism; 1.3 Superposition; 1.4 The Geochemical Cycle; 1.5 Geological Time and the Stratigraphic Column; 1.6 Geomorphic Systems; 1.7 Thresholds and Uniformity of Natural Systems; Example 1 - shearing strength of materials; Example 2 - stream flow; 1.8 Magnitude and Frequency of Forces in Geomorphic Processes; 1.9 Equilibrium of Geological Processes and their Disturbance by Engineering Activity; Example 1 Example 2 Example 3; Example 4; Example 5; CHAPTER 2: ROCKS, THEIR COMPOSITION, IDENTIFICATION AND PROPERTIES; 2.1 Igneous Rocks; 1 Classification of igneous rocks; 2 Control over the form of igneous rocks; Volcanics; (a) Lava Flows; (b) Pyroclastics; Intrusives; (a) Sheet forms; (b) Lensoid forms; (c) Large intrusions; 2.2 Sedimentary Rocks; 1 Sedimentation; 2 Sedimentary facies; 3 Diagenesis; 4 Diagenetic effects; 1. Pure Clay; 2. Pure quartz sand; 3. Pure Limestones; 2.3 Sandstones; 2.3 Sandstones; 1 Distinguishing features of sandstones; 2 Classification of sandstones; 3 Clean sandstones 4 Dirty sandstones 5 Feldspathic sandstones; 2.4 Mudrocks; 2.5 Carbonate Rocks; 1 Terminology and classification of carbonate rocks; 2.6 Metamorphic Rocks; 2.7 Classification of Rocks; 1 The use of

feldspars in rock classifications; Igneous rocks; Metamorphic rocks; Sedimentary rocks; 2.8 Identification of Rocks; 1 Identification of igneous rocks; 2 Identification of sedimentary rocks; 3 Identification of metamorphic rocks; Common textures of metamorphic rocks; 2.9 Some Engineering Properties of Rocks; 2.10 Elastic Properties of Rocks; 1 Moduli of elasticity
 2 Geological influences on the elastic behaviour of rocks 3 Poisson's ratio; 2.11 Strength Properties of Rocks; 1 Factors controlling the strength of rocks; 2.12 The Development of Index Properties of Rocks; CHAPTER 3: THE GEOMETRY, DESCRIPTION AND PROPERTIES OF ROCKMASSES; 3.1 Folds; 1 Geometry of folding; 3.2 Structural Discontinuities; 1 Faults; 2 Rock cleavage; 3 Joints; 4 Unconformities; 3.3 Shear Strength of Discontinuities; 1 Influence of surface roughness on shear strength; 2 Shear strength along actual joints; 3 Determination of ϕ ; 4 Apparent cohesion due to surface roughness
 5 Peak and residual strength 6 Shear strength of filled discontinuities; 3.4 Residual Stress; 1 Gravitational stresses; 2 Latent stresses; 3.5 Sheet Joints; CHAPTER 4: WEATHERING, EROSION, TRANSPORTATION AND DEPOSITION; 4.1 Weathering and its Significance in Geotechnical Engineering; 1 Weathering processes; 2 Weathering and weatherability; 3 Weathering in humid tropical climates; 4 Tests to assess weatherability; 4.2 Engineering Classification of Weathered Rock; 4.3 Erosion; CHAPTER 5: SOIL PARTICLES, SOIL FABRICS AND SOIL STRUCTURES; 5.1 Non-cohesive Particles; 5.2 Cohesive Particles; 1 Silts 5.3 Clay Fabrics

Sommario/riassunto

This manual of geology discusses the major aspects of descriptive geology, notably rock types and structural studies. The basic techniques of rock descriptions are also dealt with at length.

2. Record Nr.	UNISA996386460603316
Autore	Chauncy Isaac <1632-1712.>
Titolo	Examen confectionis pacificae, or, A friendly examination of the pacifick paper [[electronic resource]] : chiefly concerning the consistency of absolute election of particular persons with the universality of redemption : and the conditionality of the covenant of grace : wherein also the new scheme is clearly declared
Pubbl/distr/stampa	London, : Printed and are to be sold by Richard Baldwin, 1692
Descrizione fisica	22 p
Soggetti	Election (Theology) Grace (Theology)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reproduction of original in the Union Theological Seminary Library, New York.
Sommario/riassunto	eebo-0160