Mindluster Platform

About the course Formation of soil Fundamentals

Formation of soil course, In this course we will explore the fascinating processes and factors that contribute to soil formation.

Engineering Category's Courses

Course Lesson(29)

Lesson 1 : **Expansive Soil Intro Video**

Lesson 2 : **Lec 1 Formation of soil**

Lesson 3 : **Lec 2 Index properties and classification of soil**

Lesson 4 : **Lec 3 Engineering properties of soil**

Lesson 5 : **Lec 4 Engineering properties of soil II**

Lesson 6 : **Lec 5 Clay mineralogy**

Lesson 7 : **Lec 6 Properties of clay particles**

Lesson 8 : **Lec 7 Defination type and behaviour**

Lesson 9 : **Lec 8 Mechanism of soil water interaction**

Lesson 10 : **Lec 9 Swelling of expansive soil**

Lesson 11 : **Lec 10 Factors controlling DDL thickness**

Lesson 12 : **Lec 11 Determination of swelling properties**

Lesson 13 : **Lec 12 Classification and prediction**

Lesson 14 : **Lec 13 Factors controlling swelling of soil**

Lesson 15 : **Lec 14 Shrinkage behaviour of soil**

Lesson 16 : **Lec 15 Factors controlling shrinkage behavior of soils**

Lesson 17 : **Lec 16 Measurement of various shrinkage characteristics of soil**

Lesson 18 : **Lec 17 Cyclic Swelling Shrinkage Behaviour of Soil**

Lesson 19 : **Lec 18 Thermo Mechanical Hydraulic Chemical Behaviour I**

Lesson 20 : **Lec 19 Thermo Mechanical Hydraulic Chemical Behaviour II**

Lesson 21 : **Lec 20 Thermo Mechanical Hydraulic Chemical Behaviour III**

Lesson 22 : **Lec 21 Mechanical Methods**

Lesson 23 : **Lec 22 Hydraulic methods**

Lesson 24 : **Lec 23 Chemical methods 1**

Lesson 25 : **Lec 24 Chemical methods 2**

Lesson 26 : **Lec 25 By inclusion or confinement**

Lesson 27 : **Lec 26 Foundation on expansive soil**

Lesson 28 : **Lec 27 Use of expansive soil for various geotechnical engineering applications**

Lesson 29 : **Lec 28 Closure lecture**

Related courses

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for Business Contact
business@mindluster.com