

An Introduction to Geology book gives the basic concepts of geology by appreciating the formation and modification of the planet Earth on which we live. Apart from explaining geological and engineering principles' practice in industry with emphasis on exploration and exploitation of mineral resources, geohazards' scenarios of historical significance, geology plays an important role in designing foundations for structures such as dams and bridges. The main geological background knowledge of the book is provided in chapters on mineralogy, petrology for igneous, sedimentary and metamorphic rocks, weathering and structural geology. Provision of labelled illustrations, as is expected for technical textbooks, including labelled images so as to fully benefit the reader has been addressed. Evaluation aspects and exercises are provided at the end of each chapter while considering competencies that were adduced at the beginning of each chapter as a new approach for authorship of education material. In addition, glossary with an illustrated narrative summary for each chapter further strengthens the reader's perception of geological realities in a competency based approach.

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Table of Contents

CHAPTER 1	5
INTRODUCTION TO GEOLOGY	5
1.0 Introduction.....	5
1.1 Generic Competencies	5
1.2 Specific competencies.....	8
1.3 Typical infrastructural concerns that require Geology	9
1.4 Rock cycle.....	15
1.5 Structure of the Earth.....	15
1.5.1 Core.....	16
1.5.2 Mantle.....	17
1.5.3 Crust	17
1.5.4 Tectonic Plates	18
1.6 Standard Geologic Time Scale.....	21
EXERCISE 1	22
CHAPTER 2	23
MINERALOGY AND CRYSTALLOGRAPHY	23
2.0 Specific competencies.....	23
2.1 Minerals.....	24
2.1.1 Natives.....	25
2.1.2 Oxides	25
2.1.3 Halides.....	25
2.1.4 Carbonates	26
2.1.5 Sulphides	26
2.1.6 Sulphates	26
2.1.7 Silicates	26
2.2 Crystal Systems.....	28
2.3 Physical properties of major Silicate minerals	31
2.4 Physical Properties of Rock Forming Minerals.....	35

CHAPTER 3	43
PETROLOGY OF IGNEOUS ROCKS	43
3.0 Specific competencies.....	43
3.1 Introduction.....	44
3.2 Classification of Igneous Rocks.....	45
3.2.2 Classification of Igneous Rocks into Suites.....	45
3.3 Intrusive Rocks.....	47
3.4 Textures of igneous rocks.....	51
3.4.1 Factors affecting textures.....	51
3.4.2 Volcanic textures.....	53
3.4.3 Plutonic textures.....	54
3.5 Characteristics of Common Igneous Rocks.....	54
3.5.1 Granites.....	54
3.5.2 Basalts.....	57
3.5.3 Tuffs.....	58
3.5.4 Gabbros.....	59
EXERCISE 3.....	60
CHAPTER 4	61
WEATHERING PROCESSES	61
4.0 Specific competencies.....	61
4.1 Introduction.....	62
4.2 Weathering processes.....	62
4.2.1 Physical Weathering:.....	62
4.2.1.2 Differential expansion and contraction.....	63
4.2.1.3 Other forms of physical weathering.....	64
4.2.2.1 Solution.....	65
4.2.2.2 Hydrolysis.....	67
4.2.2.3 Oxidation.....	69
4.2.3 Biological weathering.....	71
4.2.3.1 Plant roots.....	72
4.2.3.2 Burrowing animals.....	72
4.2.3.3 Microbial activity.....	74
4.2.3.4 Organic material.....	75

4.3 Factors affecting weathering processes	75
4.4 Weathering Products.....	77
4.5 Weathering and Rock Durability in Construction Terms	78
4.5.1 Engineering significance of weathering	78
4.5.2 Some findings on effect of weathering on rock properties.....	79
EXERCISE 4	91
CHAPTER 5	92
PETROLOGY OF SEDIMENTARY ROCKS	92
5.0 Specific competencies.....	92
5.1 Introduction.....	93
5.2 Formation of Sedimentary Rocks.....	94
5.2.1 Sediment transport and deposition	94
5.2.2 Diagenesis.....	95
5.3 Classification of Sedimentary Rocks	96
5.3.1 Genetic classification	96
5.3.1.1 Clastic sedimentary rocks	96
5.3.1.2 Chemical sedimentary rocks	100
5.3.1.3 Biochemical sedimentary rocks.....	101
5.3.1.4 Miscellaneous sedimentary rocks.....	101
5.3.2 Compositional classification scheme	101
5.4 Major Physical Properties	102
5.5 Sedimentary Structures	106
EXERCISE 5	110
CHAPTER 6	111
PETROLOGY OF METAMORPHIC ROCKS	111
6.0 Specific competencies.....	111
6.1 Introduction.....	111
6.2 Major Metamorphic Factors.....	112
6.3 Typical Metamorphic Changes	112
6.4 Classification of Metamorphic Rocks	114
6.4.1 Dynamothermal (Burial) metamorphic rocks.....	114
6.4.2 Contact (thermal) metamorphic rocks	115
6.4.3 Dynamic metamorphic rocks	116

6.5 Typical Metamorphic Rocks	120
CHAPTER 7	123
DEFORMATIONAL STRUCTURES	123
7.0 Specific competencies	123
7.1 Introduction	123
7.2 FAULTS	124
7.2.1 Field recognition of faults	129
7.3 FOLDS	130
7.3.1 Terminology for folds	130
7.3.2 Typical types of folds	130
7.3.3 Geological significance of folds	133
7.3.4 Field recognition of folds	134
EXERCISE 7	135
CHAPTER 8	135
LABORATORY PRACTICE	136
8.1 Introduction	136
8.2 Mineral samples	137
8.3 Rock samples	138
8.3.1 Igneous Rock Samples	138
8.3.2 Sedimentary rock samples	140
8.3.3 Metamorphic rock samples	141
CHAPTER 9 GLOSSARY	145
9.1 Chapter 1.0: Introduction to Geology	146
9.2 Chapter 2.0: Mineralogy and crystallography	149
9.3 Chapter 3.0: Petrology of Igneous Rocks	153
9.4 Chapter 4.0: Weathering Processes	158
9.5 Chapter 5.0: Petrology of Sedimentary Rocks	160
9.6 Chapter 6.0: Petrology of Metamorphic Rocks	165
9.7 Chapter 7.0: Deformational Structures	170
REFERENCES	175