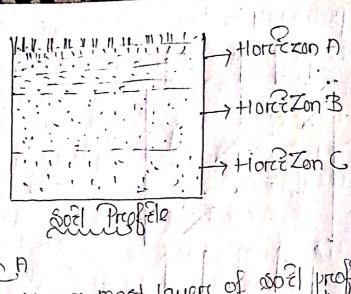
MODULE-1

- > Rock formation
- > Soil & Rock Classification
- > Soil Properties

E) Rogol 8th t) The soltd unconsoltdated materital lyting over the top of bed rock to ealled reagoleth. ETThus regoleth Encludes soil, alluvium, Deathered rock etc 205 (2) The paret of regaleth which supports, the grecoth of plant to called so'?. Et) soll to a Compenation of meneral, organice monther, after and water. SOIL PROFILE (a) If we examine the wall of a triench, they are found to be a number of horizzontal layerca. horcizontal layers are called horcizons (2) All these horizon togethori & known as port proffle, (v) There are & maion horcezons 1. Horcezon = A 2. +lorczzon = B 3 HorrEzon= C © Hamid Raza GCE Kjr



Horrizon A

Et 25 the upper most layer of soil proféle.

(tr) et 25 also known as sourcface solls (tr) et lons 251s of organic Matters and meters-organisms

Horrizon-B

(2) It so also known as "Subsoft,"

(22) Theo Zone to also called "Zone of accumulated herce".

Horcezon C

(E) Theo es the loweremost horcezon,

Types of soft

Types of soft

Depending on their mode of forematicn

softs are of a types

1. Residual soft deposit

2. Transported soft deposit

1 Restdual solldopusto

For place arreas, the product of Douthered rock Continue to accumulate over the arrea place of parcont rock Mass and give resse to residual soll doposit.

(Fi) Ex:1. Laterrete 2. Terra - Rosa 3, peat bogs

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TRANSPORTED SOIL DEPOSIT The Weatherrood and of broken rocks got erroded and transported from one place to			
The Weatherrod and & brooken recker get			
and transported from one place is			
another of natural significant			
NET COMPANY			
a) The type of deposet foremed to The			
(4. Colled deconsisted of soft applications			
		Nature of soll	
些	Agencies	0 1 24	
	1. REVER	ay Allur Eal deposet	
		b) lacustricine deposet	
	a. Lake	cy Marcene deposet	
120	3. 80a	dy Eolfan dopost	
	4. Wind		
in the	5 Glacter	er Glackal doposet	

DA TELL OF THE STATE OF THE STA	
sedement Name	<u>SEZE</u>
1 Boulder	ay 60 mm ore more
8. Grave	p) 60-5 mm
3. Coarce Dand	c) 8-0.6 mm
4. Mod Eum sand	of 0.e-0.5 mm
5 Filme sand	6) 0.5-0.0e min
6. 28H	\$ 0.06-0.0 Bun
T. Clay	a) 0.002 OTE 1625
	The state of the s

Types of Rock There are three types of reach, 1. Igneous Rock 2. God Emontarry Rock 05. Metamorephile Rock 1 JEINFOUS ROCK (3) Ignoous rocks are foremed when motten Mock ou magma roots and solfdefy Weth on Wethout Grystall Exalton. (E) These are again of two types. a) Intrustive Ignoous Rock b) Extrastre Igneous Rock. (Fr) Intrustive Egneous nock are found below the earth satisface. They errystall Exes slowly. (t) Extrustive Egneous rock are found close to the earth surgace. They Ercystallezes rapedly. Tx: Gabbreo, basalty & Dolorite, Grantete, Kembercifte etc. 7, SEDTMENTARY ROCK (E) Rock exposed to atmospheric arce Subjected to weather physical, chemical and 1520109Ecal wohthereing breed kdown through weatheriting (2) After woodtherising the rock of s'entegrates Ento boulder, greavel, soit clay, saind, soit 0-10. (201) Eeach rouck destritograte aloully by Mochanical Deathersing and chemical weathering (2n In mochanical weather in rock des-Entegrates Ento pardecle Wethout Changeng Chemical Composition (4) In chambral Deatherizing Rock destategrates Ento sedements by chemical read ten and ehanges 'Ento the chemical Composition Hamid Raza GCE Kirt Scanned by CamScanner

