

3.7 MAJOR GROUP : G

The main characteristic of these soils is their uniform medium textured (loamy) profiles which exhibit a porous, earthy fabric. They are deep soils that show weak horizon differentiation and are developed in alluvium. One soil profile class has been formed from the profile descriptions of deep, uniform medium textured soils.

3.7.1 Soil Profile Class : Ga

General Features: These are deep, very poorly structured loamy soils that lack the development of a bleached subsurface horizon. Soils with a neutral and alkaline soil reaction trend occur, ie. subclasses GaN and GaK.

Soil Description:

Surface Soil

silty loam to clay loam.

30-40cm thick before a gradual change to a weakly developed B horizon, very dark greyish brown to dark brown.

massive or weak, medium blocky structure.

friable moist and hard dry.

the higher spots in the terrain in which these soils occur contain a common amount of coarse gravel (mainly quartz) throughout the solum.

Subsoil

silty loam to clay loam.

brown, light yellowish brown and light olive brown are the most common colours.

massive structure; friable consistence moist.

total soil depth is greater than 100cm.