

TABLE 1 Typical weathering profile in granite gneiss

S. N.	Horizon	Descriptions
1	I (Top)	Mainly sandy loam (upland) and clay loam (lowland), high porosity and low permeability
2	II	Mainly kaolinitic clayey material, high intergranular porosity and low permeability
3	III	Mainly granular altered basement, low porosity and appreciable permeability
4	IV (Bottom)	Fractured / jointed basement, low porosity, moderate permeability in the fractures / joints. no inter-granular porosity