

The following table gives a general view of the species of altered rocks and of their chemical and mineralogical nature.

IV.—Table showing the Constitution of the Species of Altered Rocks.

Description of texture and Basic Constituents.	Non-felspathic Rocks.	Basic Rocks under 49 p. c. Silica with Anorthite.	Acidous Rocks 49 to 56 p. c. Silica with Felspar.	Neutral Rocks 56 to 63 p. c. Silica with Felspar.	Siliceous Rocks 63 to 70 p. c. Silica with Quartz and Felspar.	Silicic Rocks 70 p. c. Silica and appears with Quartz and Felspar.
I. Coarse and small grained with talc or chlorite.	Steatyte.	Chloritic diorite.	Chloritic diorite.	Chloritic granityte. Protogine.		
“ Serpentine.	Ophiolyte.	Schilleryte.				
II. Schistose and slaty with hydrous mica			Paragonite slate.	Damourite slate.	Nacreous slate.	Sericite slate.
“ indistinct micaceous and chloritic minerals.			Green slate.	Argillaceous mica slate.	Phyllite.	Silicic slate.
“ talc or chlorite.	Potstone.	Chlorite Schist.	Talcose schist.	Talc schist.	Protogine gneiss.	
“ porphyritic minerals.		Chloritoid Schist.	Ottrelite slate.	Cornubianyte.		
“ Aluminous silicates.		Kaolinite.	Parophite schist.	Pinitoid schist.	Pyrophyllite schist.	
III. Amygdaloidal and spherulitic.		Basic amygdaloid.	Spilite.	Amygdaloidal melaphyre.	Amygdaloidal porphyrite.	Pearlyte.
IV. Impalpable.			Hydrous Tachylyte.	Melanphyre pitchstone.	Tachylyte pitchstone.	Felsitic pitchstone.
V. Fine grained.		Hydrous basalt.	Nosean phonolyte.	Phonolyte.		