

Deposit	Porosity
Deposit	Porosity (dimensionless)
Volcanic, pumice	0.80-0.90
Peat	0.60-0.80
Silt	0.35-0.60
Clay	0.35-0.55
Loess	0.40-0.55
Sand, dune	0.35-0.45
Sand, fine	0.25-0.55
Sand, coarse	0.30-0.45
Gravel, coarse	0.25-0.35
Sand and Gravel	0.20-0.35
Till	0.25-0.45
Siltstone	0.25-0.40
Sandstone	0.25-0.50
Volcanic, vesicular	0.10-0.50
Volcanic, tuff	0.10-0.40
Limestone	0.05-0.55
Schist	0.05-0.50
Basalt	0.05-0.35
Shale	0.01-0.10
Volcanic, dense	0.01-0.10
Igneous, dense	0.01-0.05
Salt bed	0.005-0.03

Data compiled by Serrano, Sergio E. 1997. Hydrology for Engineers, Geologists, and Environmental Professionals, HydroScience, Inc. Lexington, KY