

Soil Permeability Rates

Data from "Civil Engineering Design Manual", 1995.

Soil Type	Coeff cm/sec	Rate cm/sec	Rate in/min	Rate in/hr	Description
GW	2.5 EE -2	0.16	3.78	226.77	Well graded, clean gravels, gravel/sand mixtures
GP	5 EE -2	0.04	0.94	56.69	Poorly graded, clean gravels, gravel/sand mixtures
SW	5 EE -4	0.0016	0.04	2.27	Well graded, clean sands, gravely sands
SP	5 EE -4	0.0016	0.04	2.27	poorly graded, clean sands, sand/gravel mix

Best base course for GP2 and GV2 would be mix of 2/3GP and 1/3GW

Rate cm/sec	Rate in/min	Rate in/hr
0.0272	0.64	38.55