

Table 3.

Feature	Ideal Porous Medium	Typical Carbonate Aquifer
Recharge	areal, evenly distributed	areal but also concentrated at sinking streams
Groundwater flowlines	parallel	convergent to conduits
Discharge	from whole face of aquifer, no springs	via springs
Hydraulic gradient	steepens downgradient	flattens downgradient
Hydraulic conductivity	constant	increases downgradient
Profile of water table	convex	concave
Flow type	laminar	laminar or turbulent