

$$Q = K i A$$

$$Q = \text{flow (m/s)}$$

$$i = \text{hydraulic gradient} = \frac{\Delta H}{L} = \frac{\Delta H}{100}$$

$$A = \text{cross sectional area} = 0.6 \times 0.6 = 0.36 \text{ m}^2$$

$$K = \text{rock conductivity} = 1 \times 10^{-2} \text{ m/s}$$

long section

cross section

cross section

