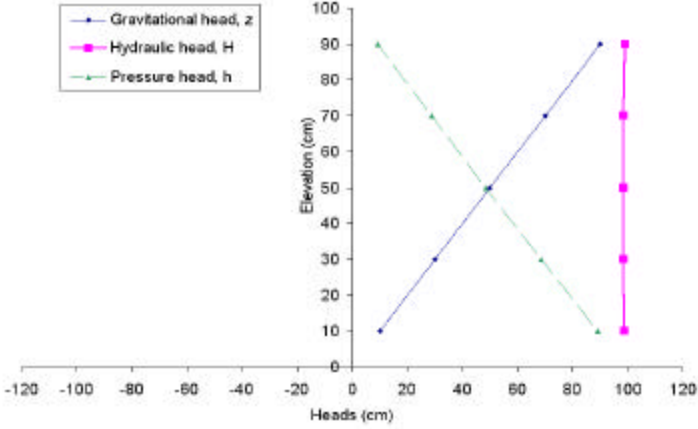
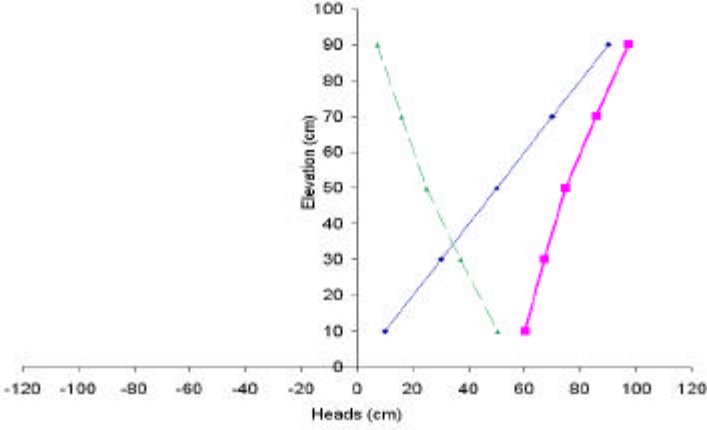




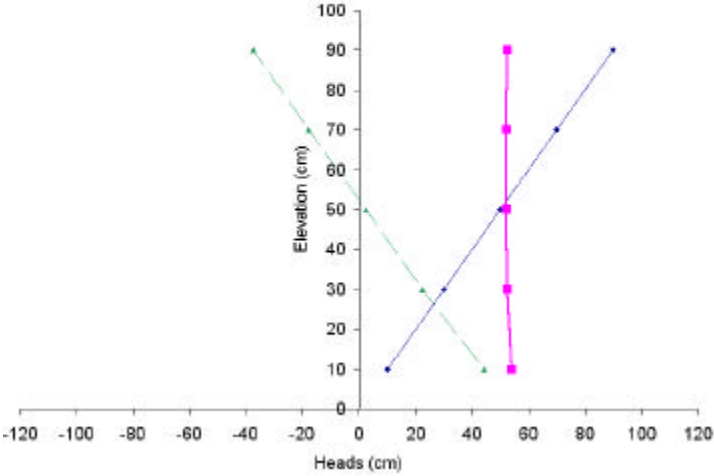
Sand, 2 cm ponding



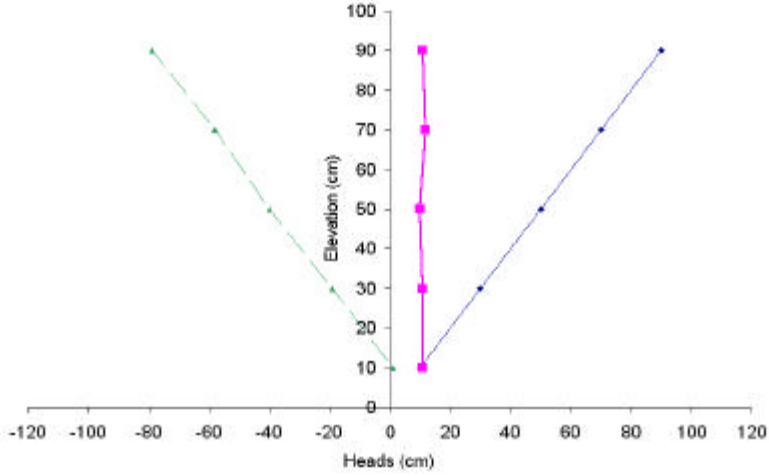
Sand, Steady-state flow

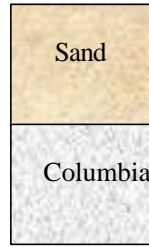


Sand, +50 cm head at the bottom

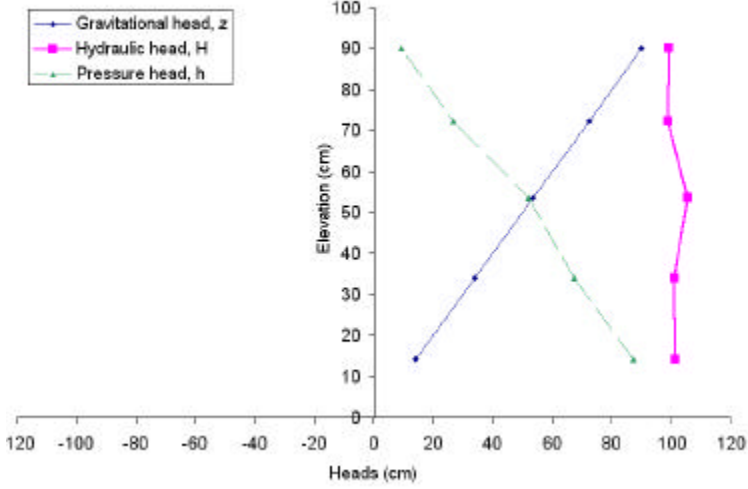


Sand, +5 cm head at the bottom

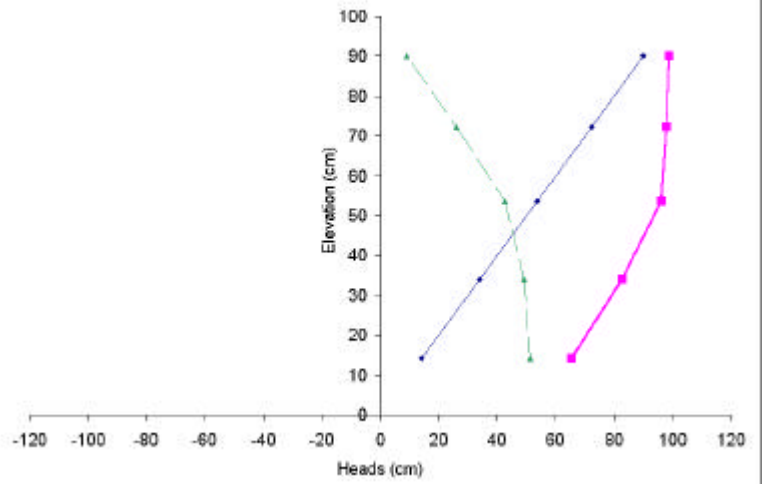




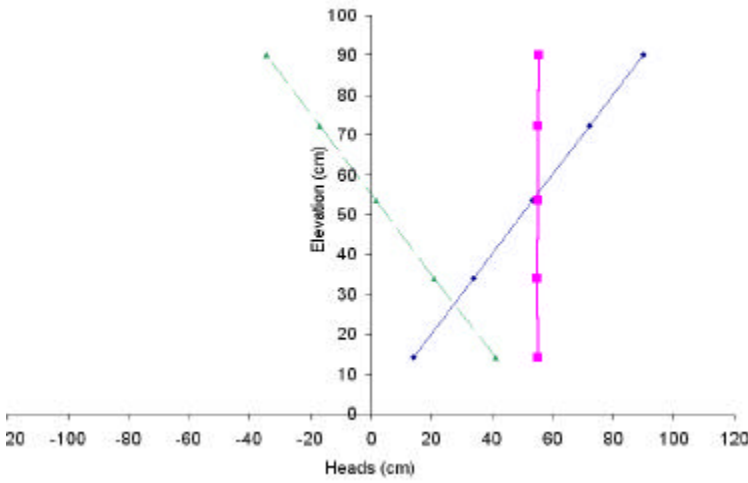
Sand-Columbia 2 cm ponding



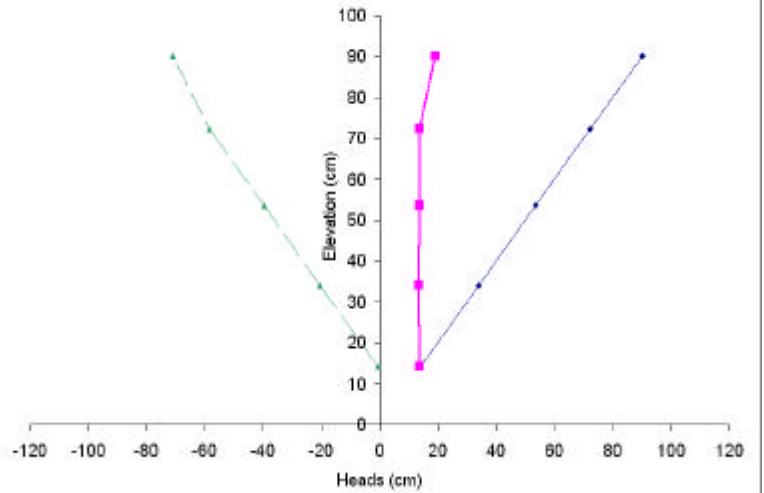
Sand-Columbia, Steady-state flow

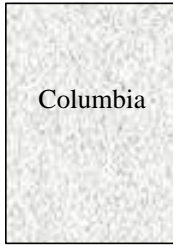


Sand-Columbia, +50 head at the bottom

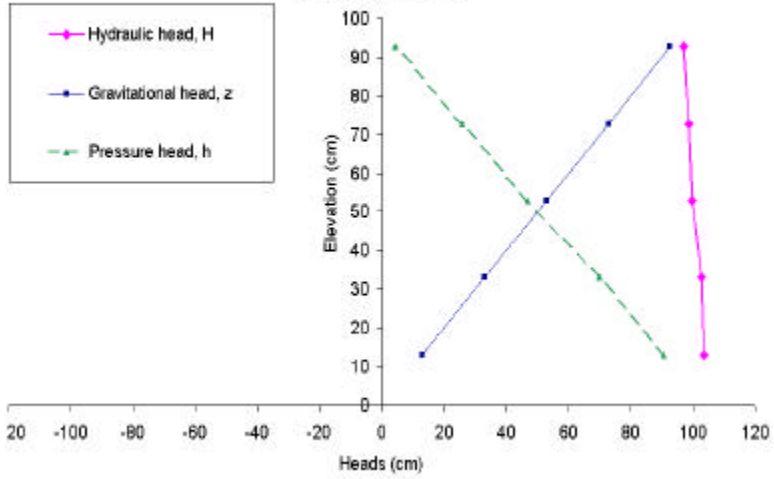


Sand-Columbia, +5 cm head at the bottom

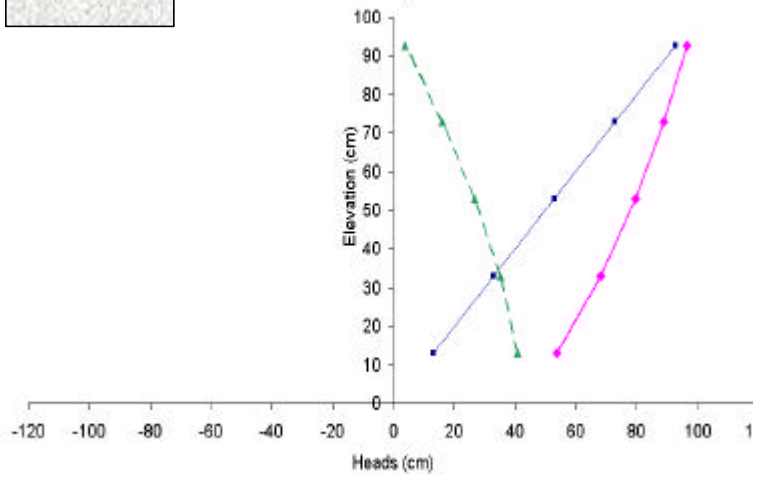




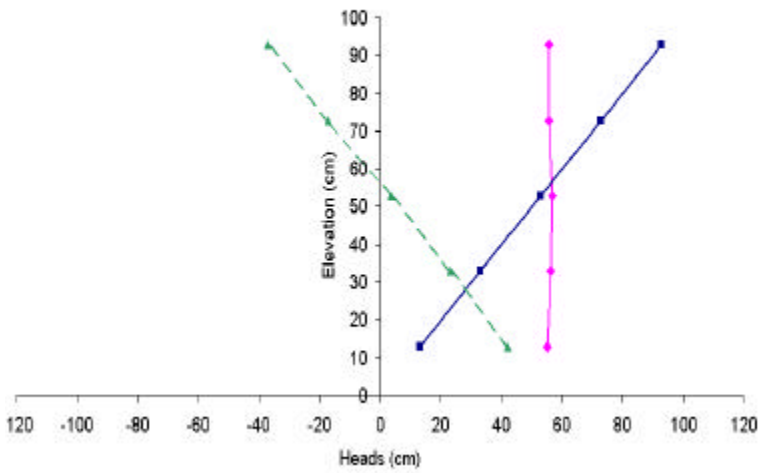
Columbia, 2 cm ponding



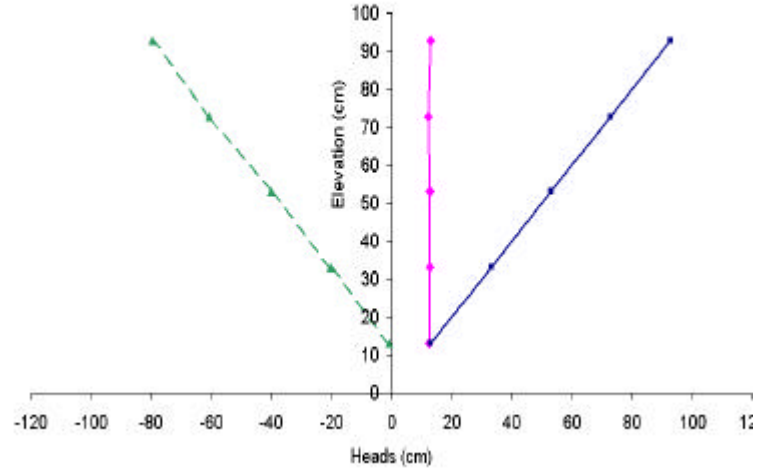
Columbia, Steady state flow

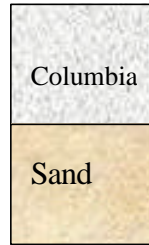


Columbia, +50 at the bottom

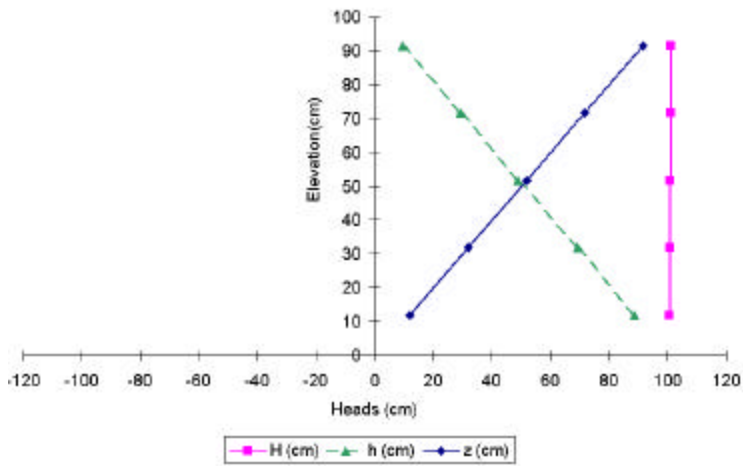


Columbia, +5 at the bottom

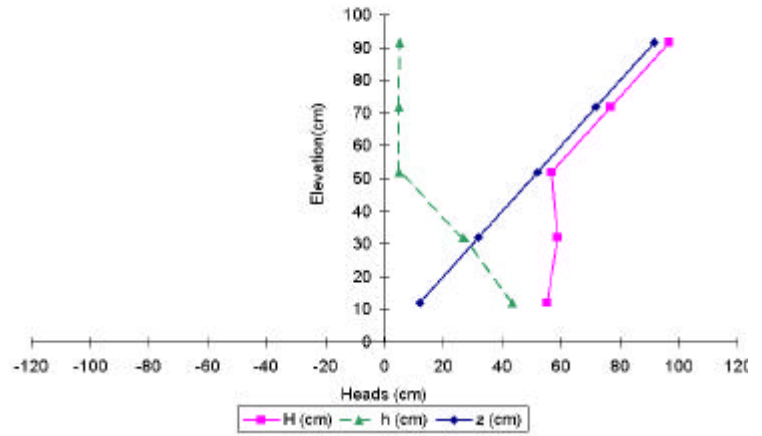




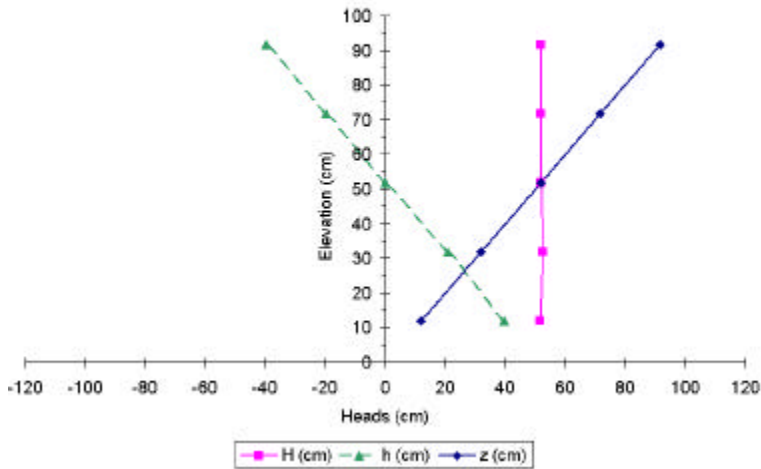
Case 1: Columbia-Sand Equilibrium
Surface: +1.7 cm head



Case 2: Steady-State
Surface: +1.7 cm head
Base: +50 cm head



Case 3: Equilibrium
Base: +50 cm head at the bottom



Case 4: Equilibrium
Base: +5 cm head at the bottom

