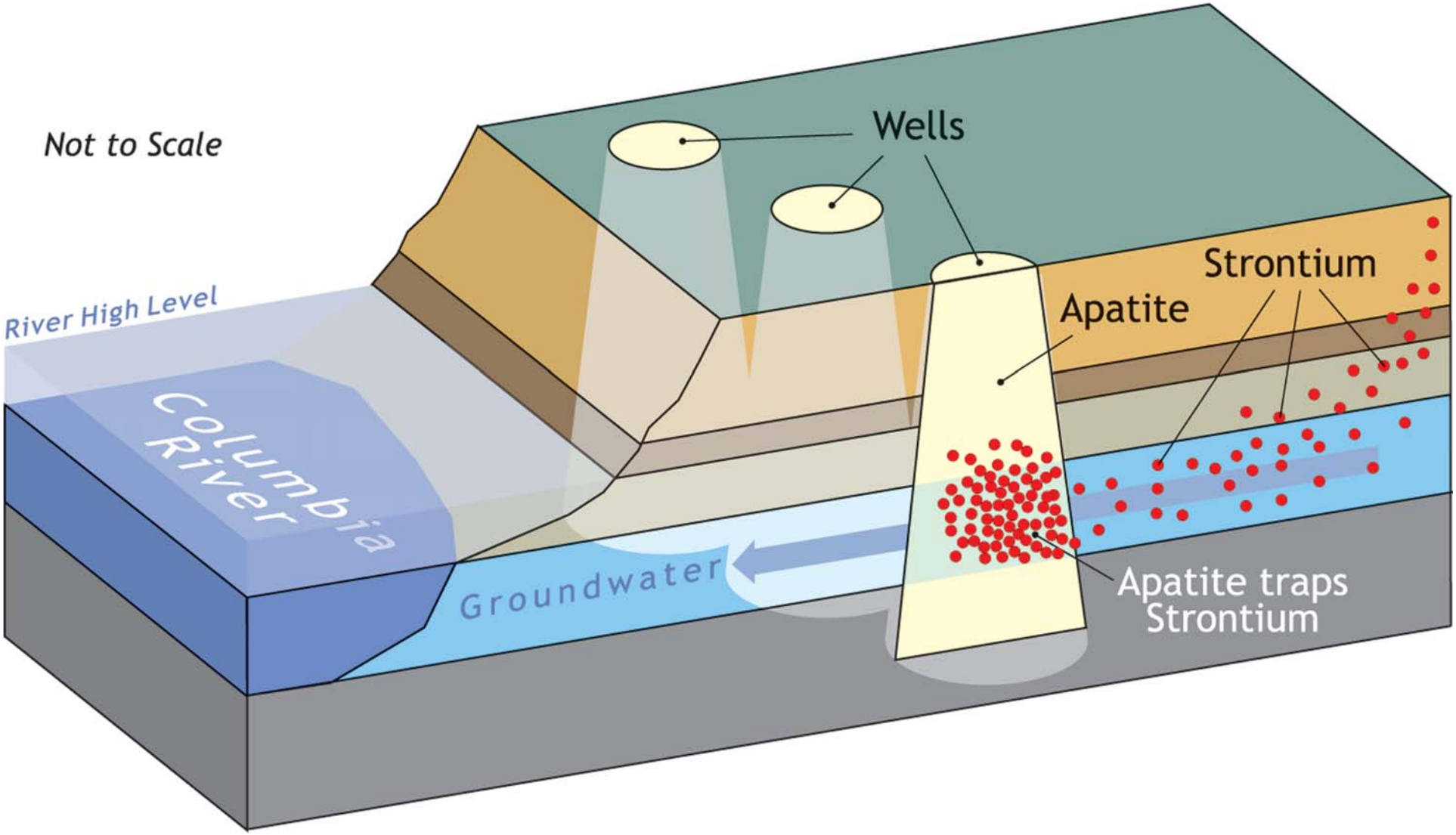Apatite Sequestration