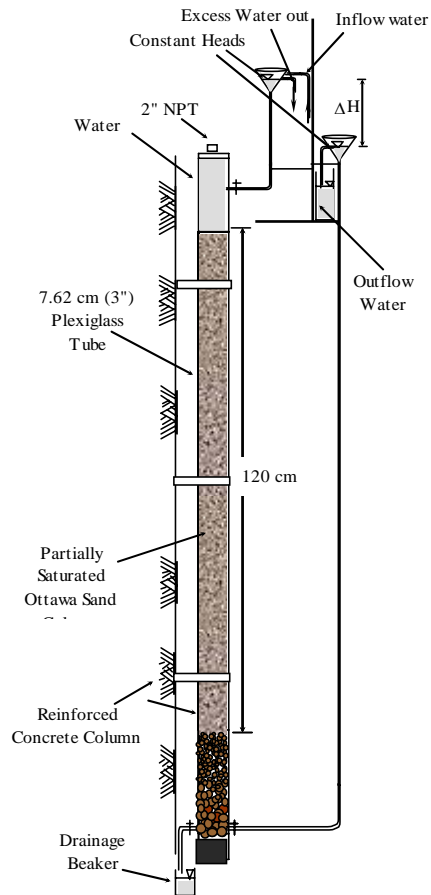


Air Diffusion Tests under Downward Hydraulic Gradient

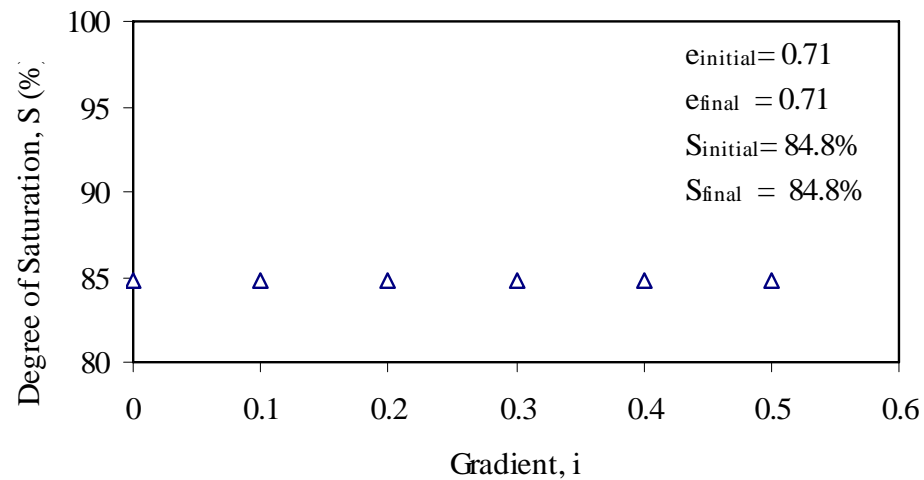
NSF Project: Liquefaction
Mitigation Using Entrapped Air
(Award #:CMS-0509894)

Test Setup



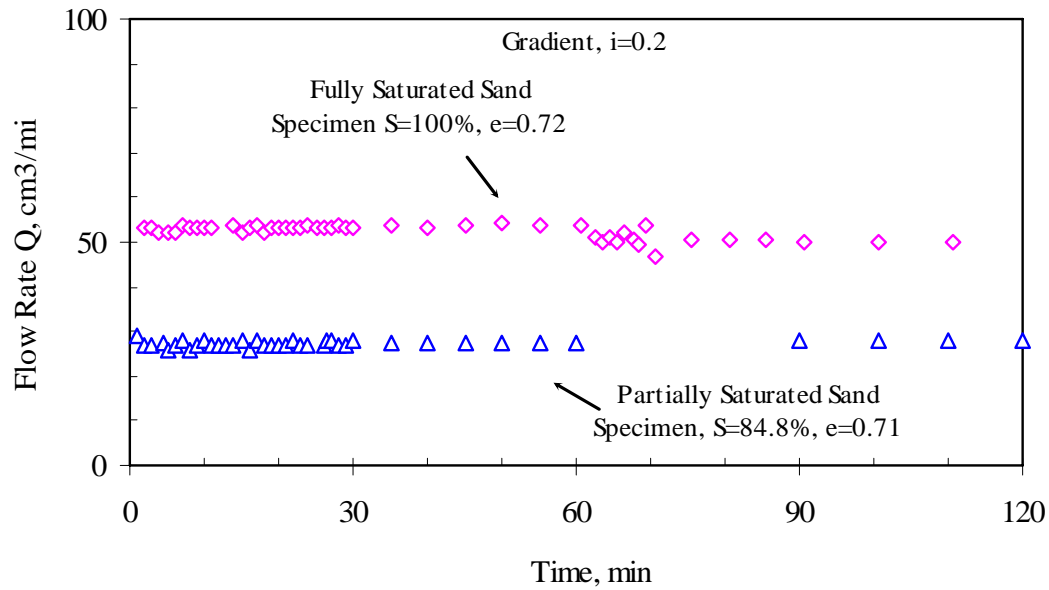
Typical Test Results

Variation of Degree of Saturation for Air Entrapped Ottawa Sand Specimen under Vertical Downward Hydraulic Gradient



Typical Test Results

**Flow Rates under $i=0.2$ for
Air Entrapped and Fully Saturated Specimens**



Typical Test Results

Coefficient of Permeability for Air Entrapped and Fully Saturated Specimens

