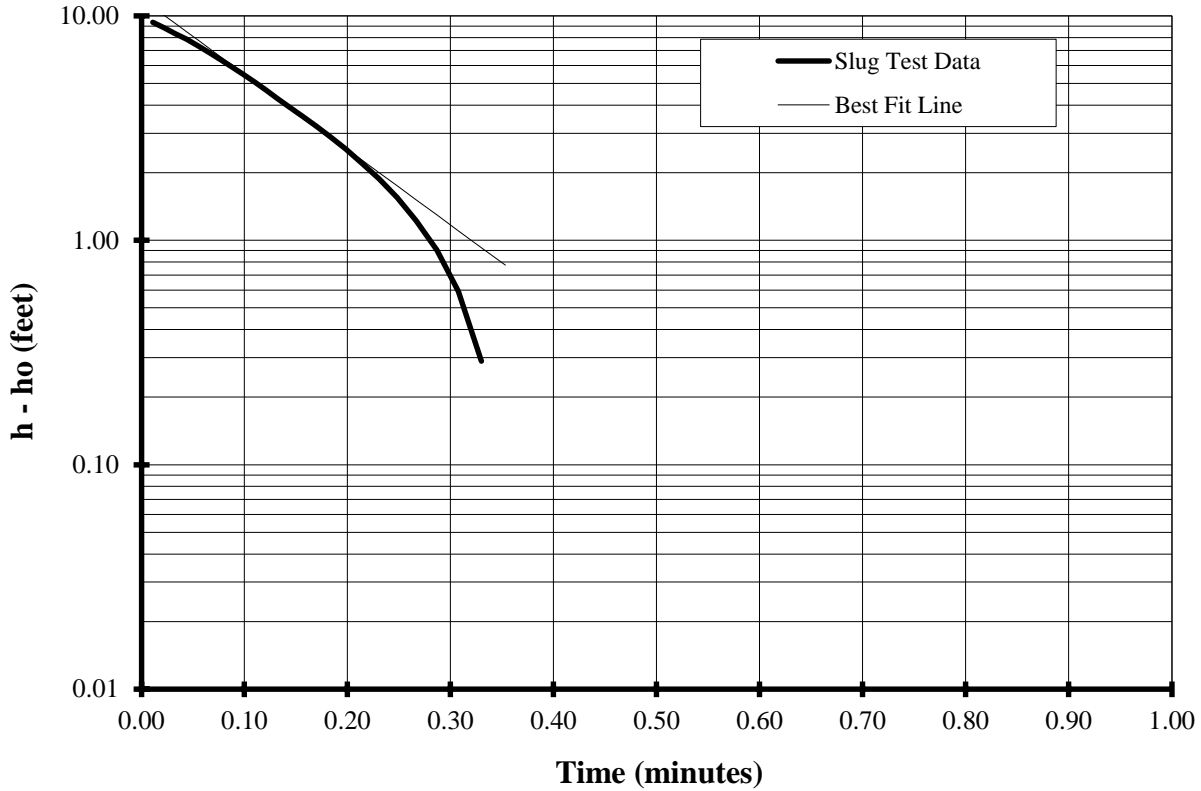


SFWMD - SLUG TEST FROM RECOVERY DATA

Project Number: SLE/IRL Date of Test: 3/22/02
 Client: SFWMD Well Number: SLCMG3

SLUG TEST



WELL CONSTRUCTION DATA

R casing = 0.08 feet
 R gravel pack = 0.25 feet
 Porosity of the aquifer = 0.30
 Porosity of gravel pack = 0.30
 Effective radius of casing = 0.08 feet (Rc)
 Casing radius for analysis = 0.11 feet (Rw)
 Radius of well for analysis = 0.25 feet
 Casing Stickup = -0.49 feet als
 Depth of water = 3.94 feet btoc
 Depth of well = 31.67 feet btoc
 Depth of aquifer = 31.67 feet bls
 Depth to top of filter pack = 29.67 feet bls
 Length of screen = 2.00 feet
 Length of gravel pack = 4.00 feet
 L (input) = 4.00 feet
 Case = 2

SLUG TEST DATA/RESULTS

(Bouwer Rice Method)
 L/Rw = 16
 A = 2.02
 B = 0.28
 C = 1.47
 H = 27.73 feet
 ln[(D-H)/Rw] = 2.76
 Ln (Ri/Rw) = 3.07
 R influence = 5.40 feet (Ri)
Line Fit Range and Parameters
 t minimum = >.10 minutes
 t maximum = <0.20 minutes
 r 2 = 1.000
 Estimated K h = 52 feet/day