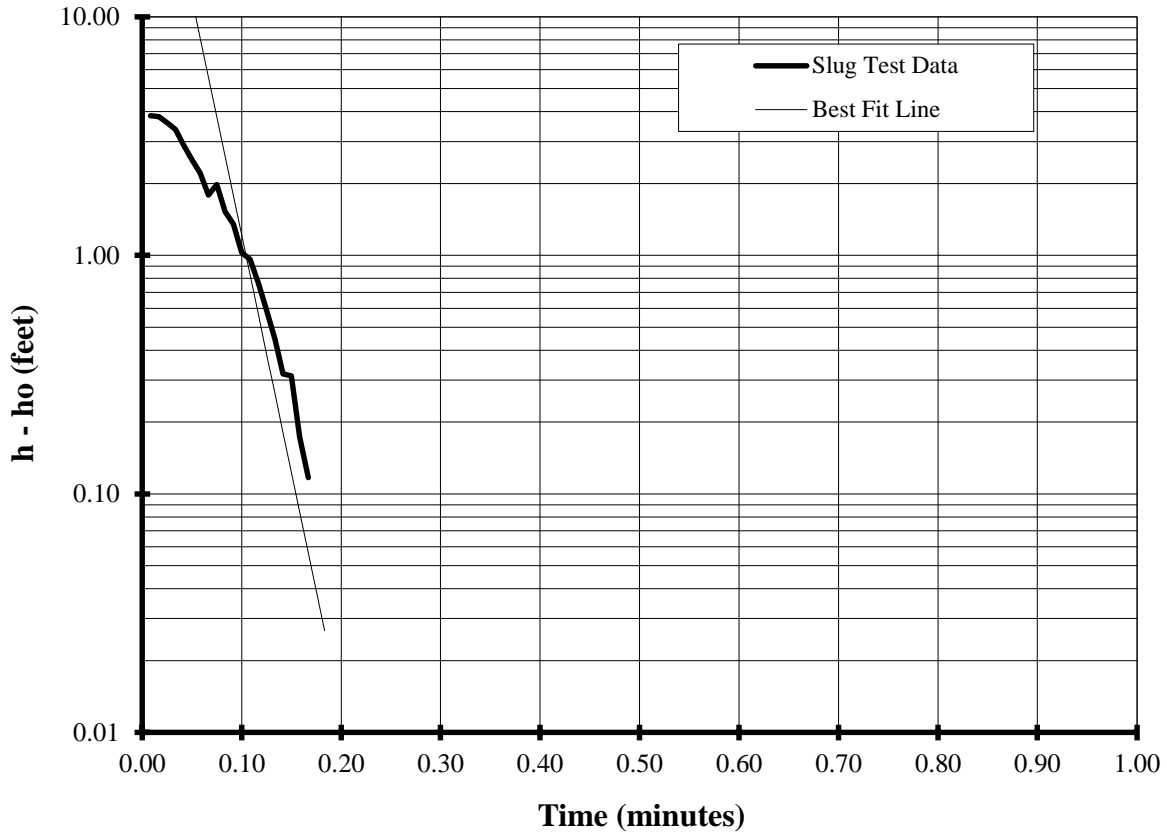


SFWMD - SLUG TEST FROM RECOVERY DATA

Project Number: SLE/IRL Date of Test: 2/1/02
 Client: SFWMD Well Number: IRMNG2 - test 2

SLUG TEST



WELL CONSTRUCTION DATA

R casing = 0.08 feet
 R gravel pack = 0.25 feet
 Porosity of the aquifer = 0.20
 Porosity of gravel pack = 0.30
 Effective radius of casing = 0.11 feet (Rc)
 Casing radius for analysis = 0.11 feet (Rw)
 Radius of well for analysis = 0.25 feet
 Casing Stickup = -0.30 feet als
 Depth of water = 19.34 feet btoc
 Depth of well = 29.31 feet btoc
 Depth of aquifer = 29.31 feet bls
 Depth to top of filter pack = 25.31 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 = 9.97 feet
 ln[(D-H)/Rw] = 4.35
 Ln (Ri/Rw) = 2.56
 R influence = 3.24 feet (Ri)
Line Fit Range and Parameters
 t minimum = >.10 minutes
 t maximum = <0.20 minutes
 r 2 = 0.972
 Estimated K h = 255 feet/day