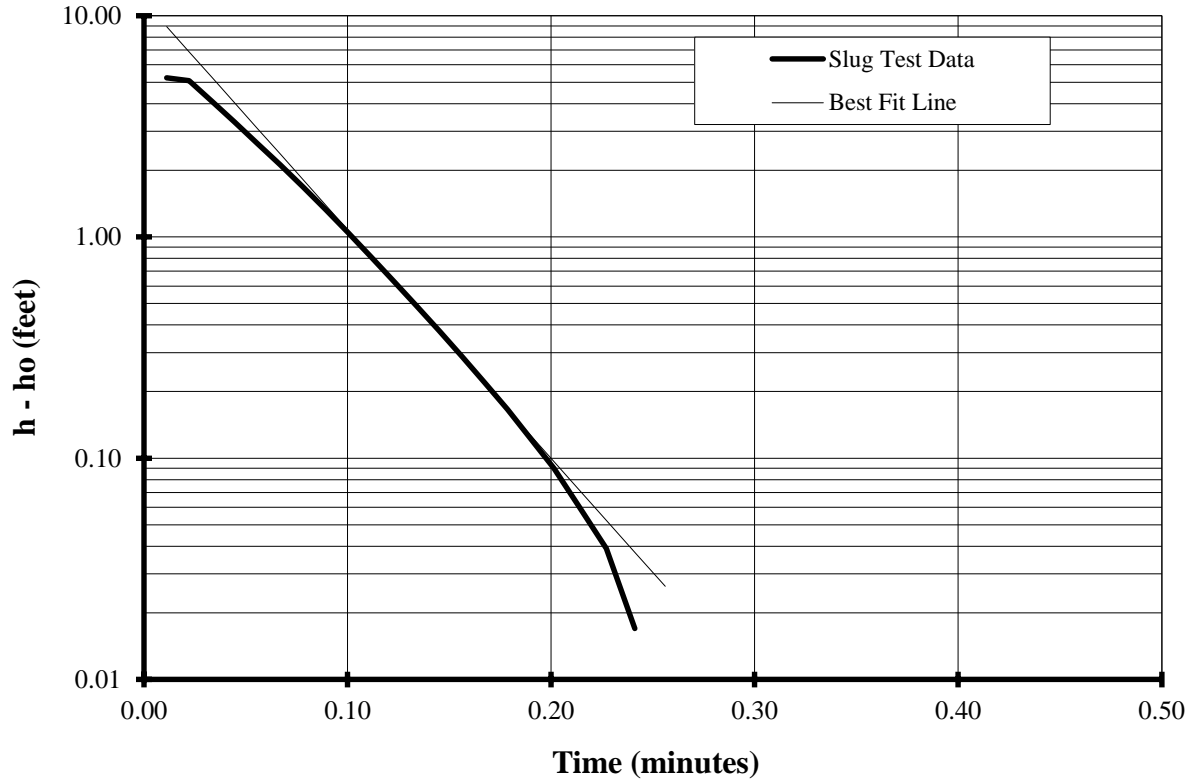




**SFWMD - SLUG TEST FROM RECOVERY DATA**

Project: SLE/IRL Date of Test: 3/27/02  
 Client: SFWMD Well Number: SLPDG3

**SLUG TEST**



**WELL CONSTRUCTION DATA**

R casing = 0.08 feet  
 R gravel pack = 0.25 feet  
 Porosity of the aquifer = 0.35  
 Porosity of gravel pack = 0.30  
 Effective radius of casing = 0.06 feet (Rc)  
 Casing radius for analysis = 0.11 feet (Rw)  
 Radius of well for analysis = 0.25 feet  
 Casing Stickup = -0.59 feet als  
 Depth of water = 3.41 feet btoc  
 Depth of well = 29.63 feet btoc  
 Depth of aquifer = 29.63 feet bls  
 Depth to top of filter pack = 25.63 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 = 26.22 feet  
 ln[(D-H)/Rw] = 2.61  
 Ln (Ri/Rw) = 3.05  
 R influence = 5.26 feet (Ri)  
**Line Fit Range and Parameters**  
 t minimum = >.10 minutes  
 t maximum = <0.20 minutes  
 r 2 = 0.999  
 Estimated K h = 158 feet/day