

**SFWMD - SLUG TEST FROM RECOVERY DATA**

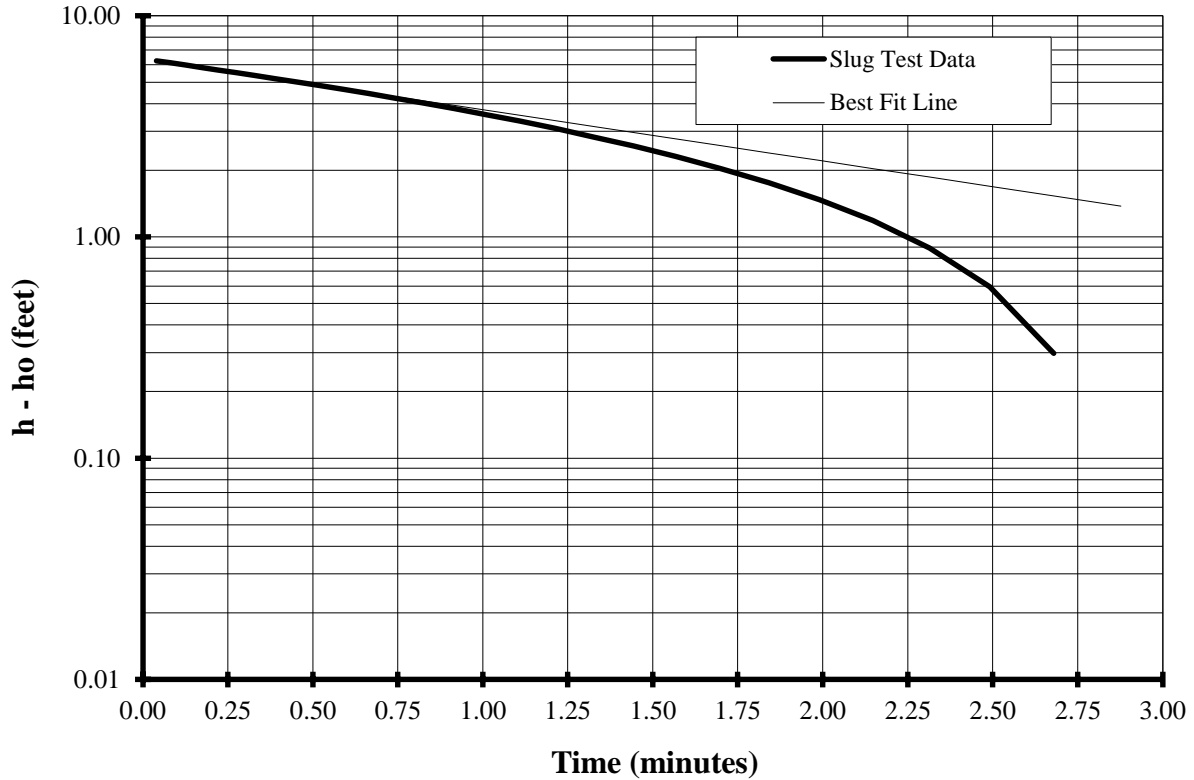
Project: SLE/IRL      Date of Test: 3/28/02  
 Client: SFWMD      Well Number: SLAMGW1

Incremental Values		H/Ho	Incremental Values		H/Ho	Incremental Values		H/Ho	Incremental Values		H/Ho
Time (min)	Head (feet)	(-)	Time (min)	Head (feet)	(-)	Time (min)	Head (feet)	(-)	Time (min)	Head (feet)	(-)
0.000	6.38	1.00									
0.040	6.26	0.98									
0.081	6.12	0.96									
0.126	5.98	0.94									
0.173	5.84	0.91									
0.223	5.68	0.89									
0.275	5.53	0.87									
0.331	5.37	0.84									
0.390	5.20	0.81									
0.453	5.02	0.79									
0.519	4.84	0.76									
0.590	4.65	0.73									
0.664	4.45	0.70									
0.743	4.24	0.66									
0.827	4.03	0.63									
0.915	3.80	0.60									
1.009	3.57	0.56									
1.108	3.34	0.52									
1.214	3.09	0.48									
1.325	2.83	0.44									
1.443	2.58	0.40									
1.569	2.31	0.36									
1.701	2.04	0.32									
1.842	1.76	0.28									
1.990	1.47	0.23									
2.148	1.19	0.19									
2.315	0.89	0.14									
2.492	0.60	0.09									
2.679	0.30	0.05									
2.877	0.00	0.00									

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**SLUG TEST**



**WELL CONSTRUCTION DATA**

R casing = 0.08 feet  
 R gravel pack = 0.25 feet  
 Porosity of the aquifer = 0.25  
 Porosity of gravel pack = 0.30  
 Effective radius of casing = 0.10 feet (Rc)  
 Casing radius for analysis = 0.11 feet (Rw)  
 Radius of well for analysis = 0.25 feet  
 Casing Stickup = -0.40 feet als  
 Depth of water = 7.91 feet btoc  
 Depth of well = 60.21 feet btoc  
 Depth of aquifer = 60.21 feet bls  
 Depth to top of filter pack = 56.21 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 = 52.30 feet  
 ln[(D-H)/Rw] = 3.45  
 Ln (Ri/Rw) = 3.36  
 R influence = 7.19 feet (Ri)  
**Line Fit Range and Parameters**  
 t minimum = >.10 minutes  
 t maximum = <0.20 minutes  
 r 2 = 1.000  
 Estimated K h = 4 feet/day