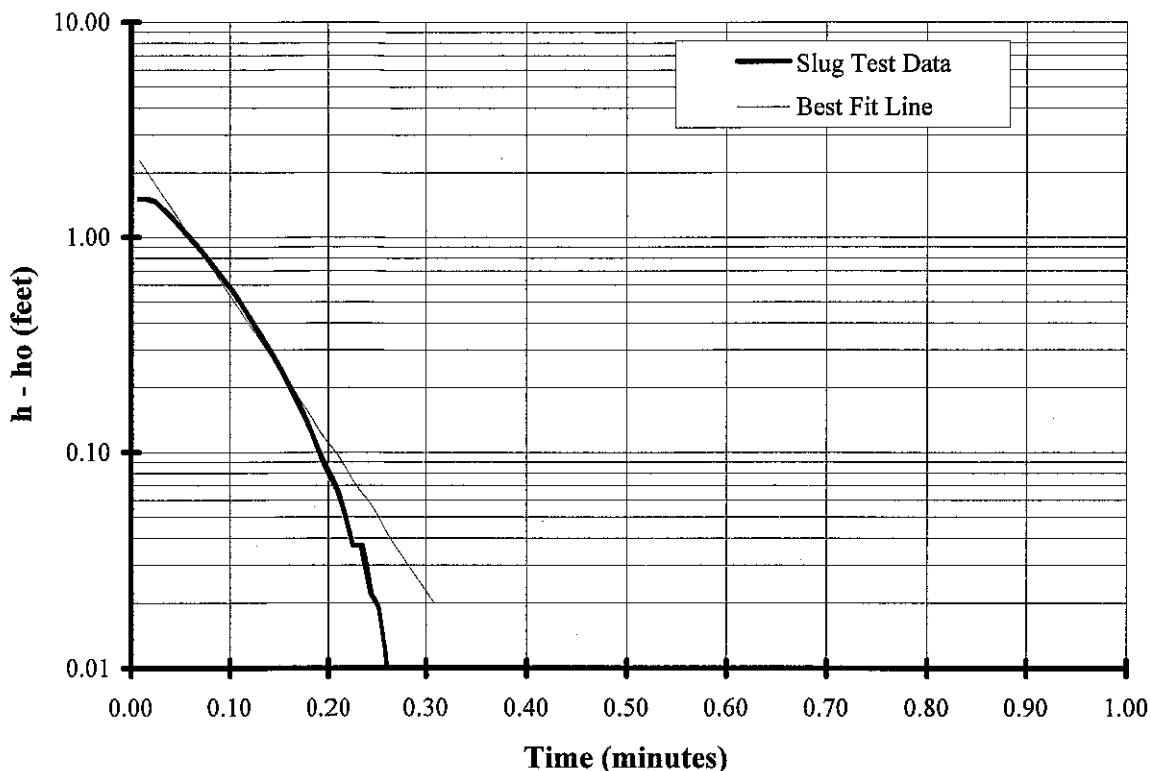


SLUG TEST FROM RECOVERY DATA

Project: Biscayne Bay Coastal Wetlands Date of Test: 8/31/04
 SFWMD Well ID: South Biscayne Bay - shallow

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 = 11.30 feet als
 Depth of water = 6.15 feet btoc
 Depth of well = 24.57 feet btoc
 Depth of aquifer = 45.00 feet bls
 Depth to top of filter pack = 20.07 feet bls
 Length of screen = 2.50 feet
 Length of gravel pack = 4.50 feet
 L (input) = 4.50 feet
 Case = 2

SLUG TEST DATA/RESULTS

(Bouwer Rice Method)
 L/Rw = 18
 A = 2.07
 B = 0.28
 C = 1.54
 H = 18.42 feet
 ln[(D-H)/Rw] = 4.67
 Ln (Ri/Rw) = 2.93
 R influence = 4.67 feet (Ri)
Line Fit Range and Parameters
 t minimum = >0.25 minutes
 t maximum = <0.19 minutes
 r 2 = 0.989
 Estimated K h = 90 feet/day

SLUG TEST FROM RECOVERY DATA

Project:		Biscayne Bay Coastal Wetlands		Date of Test:		8/31/04		
SFWMD:				Well ID:		South Biscayne Bay - shallow		
Incremental Values		H/Ho	Incremental Values		H/Ho	Incremental Values		H/Ho
Time (min)	Head (feet)	(-)	Time (min)	Head (feet)	(-)	Time (min)	Head (feet)	(-)
0.000	1.83	1.00						
0.008	1.51	0.82						
0.017	1.51	0.82						
0.025	1.47	0.80						
0.033	1.34	0.73						
0.042	1.23	0.67						
0.050	1.12	0.61						
0.058	1.02	0.55						
0.067	0.92	0.50						
0.075	0.82	0.45						
0.083	0.74	0.40						
0.092	0.65	0.36						
0.100	0.59	0.32						
0.108	0.52	0.28						
0.117	0.45	0.25						
0.125	0.39	0.21						
0.133	0.34	0.18						
0.142	0.29	0.16						
0.150	0.25	0.14						
0.158	0.21	0.12						
0.167	0.18	0.10						
0.175	0.15	0.08						
0.183	0.12	0.07						
0.192	0.10	0.05						
0.200	0.08	0.04						
0.208	0.07	0.04						
0.217	0.05	0.03						
0.225	0.04	0.02						
0.233	0.04	0.02						
0.242	0.02	0.01						
0.250	0.02	0.01						
0.258	0.01	0.01						
0.267	0.01	0.00						
0.275	0.01	0.00						
0.283	0.00	0.00						
0.292	0.00	0.00						
0.300	0.00	0.00						
0.308	0.00	0.00						