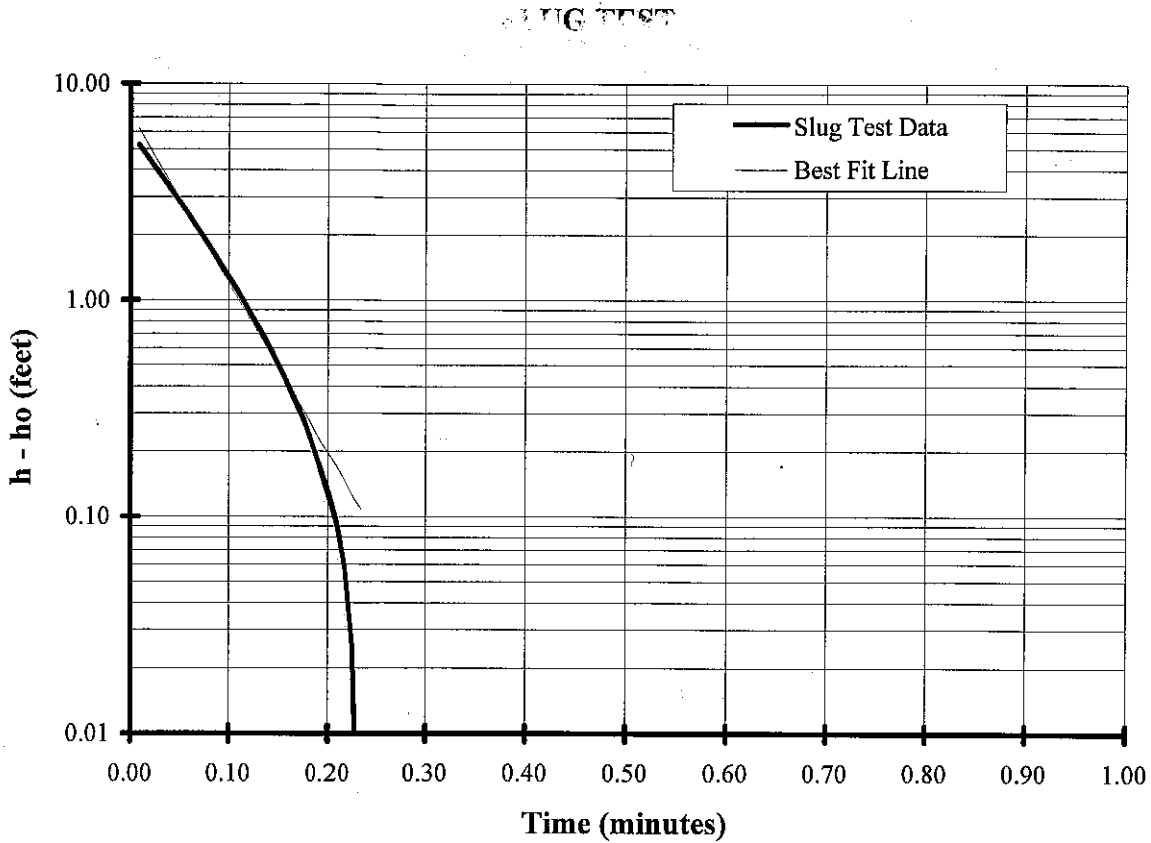


### SLUG TEST FROM RECOVERY DATA

Project: Biscayne Bay Coastal Wetlands      Date of Test: 10/6/04  
 SFWMD      Well ID: Well at Saga Bay - test 2



#### 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 = -0.21 feet als  
 Depth of water = 3.63 feet btoc  
 Depth of well = 41.95 feet btoc  
 Depth of aquifer = 45.00 feet bls  
 Depth to top of filter pack = 39.45 feet bls  
 Length of screen = 2.50 feet  
 Length of gravel pack = 4.00 feet  
 L (input) = 4.00 feet  
 Case = 2

#### SLUG TEST DATA/RESULTS

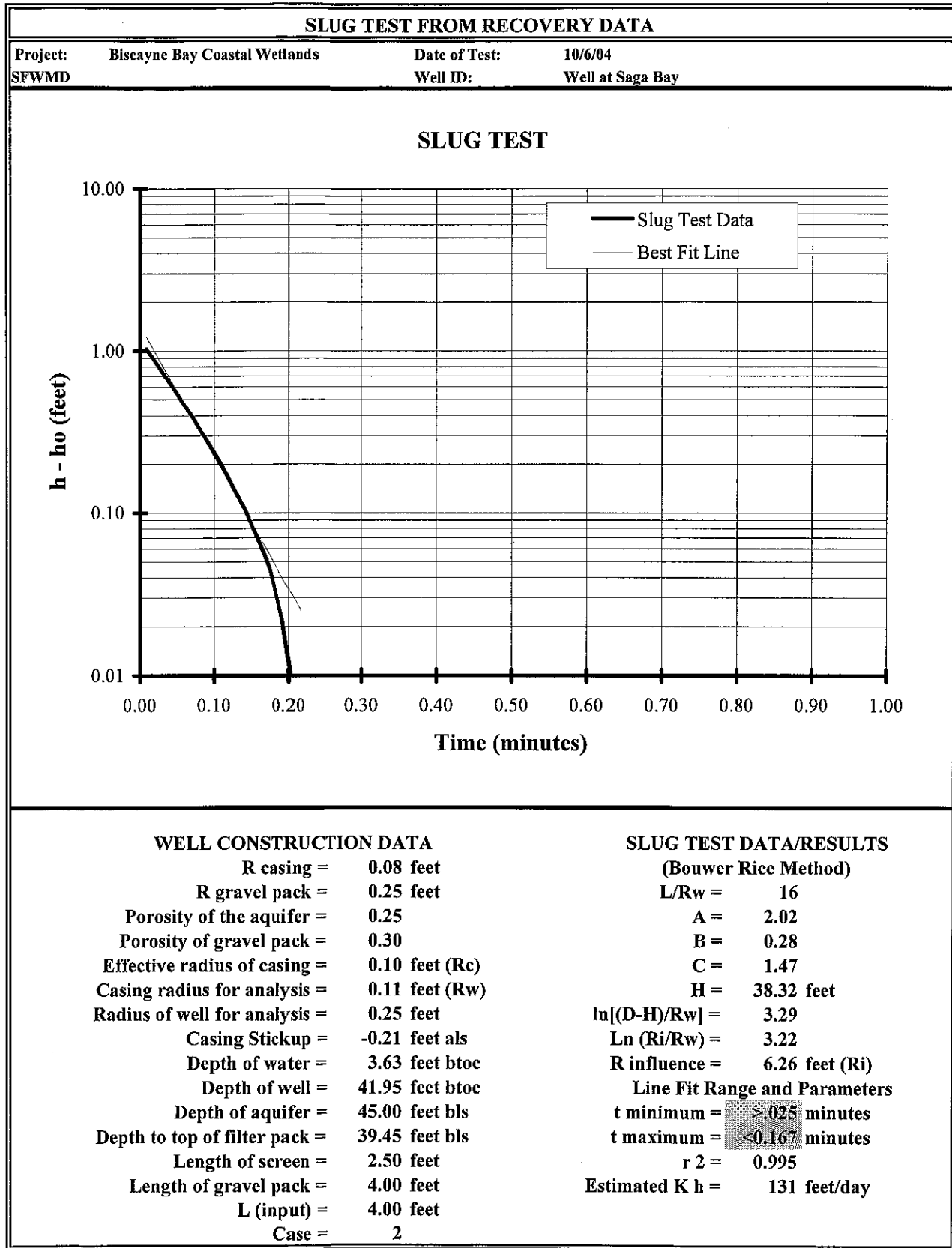
(Bouwer Rice Method)  
 L/Rw = 16  
 A = 2.02  
 B = 0.28  
 C = 1.47  
 H = 38.32 feet  
 ln[(D-H)/Rw] = 3.29  
 Ln (Ri/Rw) = 3.22  
 R influence = 6.26 feet (Ri)  
**Line Fit Range and Parameters**  
 t minimum = >0.17 minutes  
 t maximum = <0.19 minutes  
 r 2 = 0.993  
 Estimated K<sub>h</sub> = 126 feet/day

### SLUG TEST FROM RECOVERY DATA

Project: Biscayne Bay Coastal Wetlands      Date of Test: 10/6/04  
 SFWMD      Well ID: Well at Saga Bay - test 2

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	5.88	1.00									
0.008	5.21	0.88									
0.017	4.62	0.79									
0.025	4.11	0.70									
0.033	3.65	0.62									
0.042	3.21	0.55									
0.050	2.86	0.49									
0.058	2.52	0.43									
0.067	2.20	0.37									
0.075	1.93	0.33									
0.083	1.68	0.29									
0.092	1.46	0.25									
0.100	1.28	0.22									
0.108	1.11	0.19									
0.117	0.95	0.16									
0.125	0.82	0.14									
0.133	0.70	0.12									
0.142	0.59	0.10									
0.150	0.50	0.08									
0.158	0.42	0.07									
0.167	0.34	0.06									
0.175	0.28	0.05									
0.183	0.22	0.04									
0.192	0.17	0.03									
0.200	0.13	0.02									
0.208	0.09	0.02									
0.217	0.06	0.01									
0.225	0.03	0.00									
0.233	0.00	0.00									

not quite as early



**SLUG TEST FROM RECOVERY DATA**

**Project:** Biscayne Bay Coastal Wetlands      **Date of Test:** 10/6/04  
**SFWMD**      **Well ID:** Well at Saga Bay

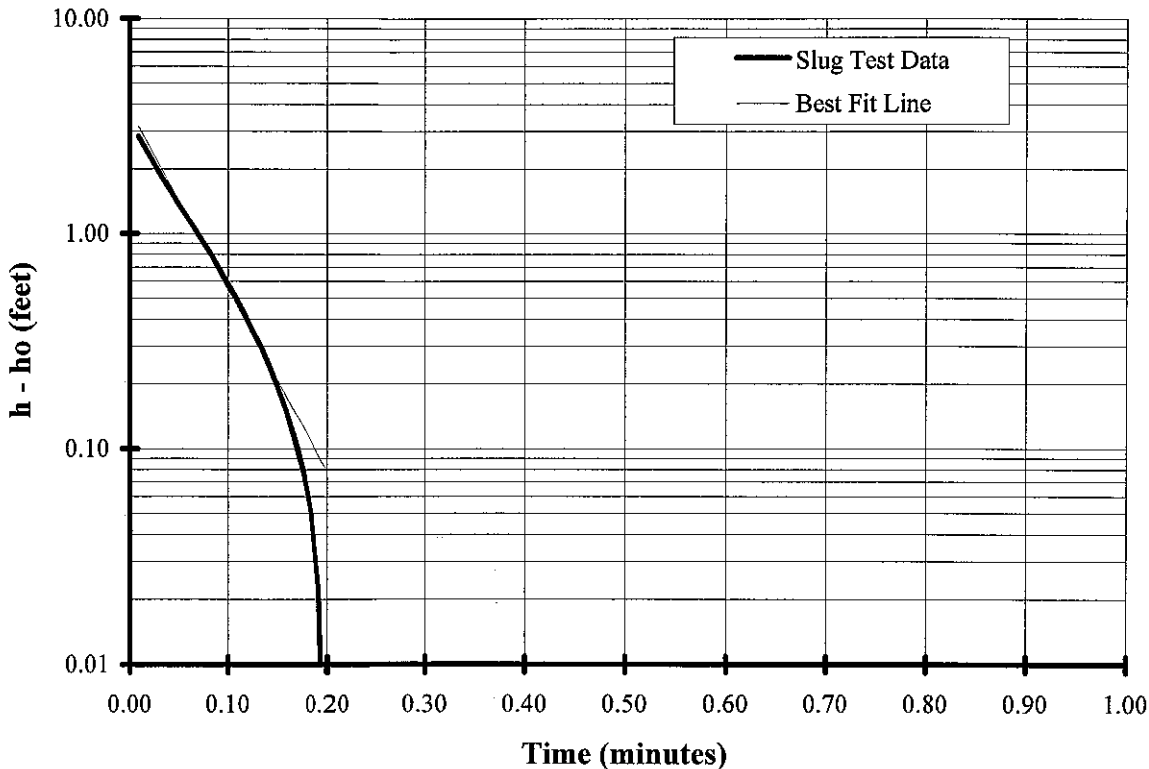
Incremental Values		H/Ho	Incremental Values		H/Ho	Incremental Values		H/Ho	Incremental Values		H/Ho
Time (min)	Head (feet)	(-)	Time (min)	Head (feet)	(-)	Time (min)	Head (feet)	(-)	Time (min)	Head (feet)	(-)
0.000	1.16	1.00									
0.008	1.03	0.88									
0.017	0.91	0.78									
0.025	0.80	0.69									
0.033	0.70	0.60									
0.042	0.62	0.53									
0.050	0.54	0.47									
0.058	0.47	0.41									
0.067	0.42	0.36									
0.075	0.36	0.31									
0.083	0.31	0.27									
0.092	0.27	0.23									
0.100	0.24	0.20									
0.108	0.20	0.17									
0.117	0.17	0.15									
0.125	0.14	0.12									
0.133	0.12	0.10									
0.142	0.10	0.09									
0.150	0.08	0.07									
0.158	0.07	0.06									
0.167	0.06	0.05									
0.175	0.04	0.04									
0.183	0.03	0.03									
0.192	0.02	0.02									
0.200	0.01	0.01									
0.208	0.01	0.01									
0.217	0.00	0.00									

early

**SLUG TEST FROM RECOVERY DATA**

Project: Biscayne Bay Coastal Wetlands Date of Test: 10/6/04  
 SFWMD Well ID: Well at Saga Bay

**SLUG TEST**



**WELL CONSTRUCTION DATA**

R casing = 0.08 feet  
 R gravel pack = 0.25 feet  
 Porosity of the aquifer = 0.25  
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 Effective radius of casing = 0.10 feet (Rc)  
 Casing radius for analysis = 0.11 feet (Rw)  
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 Casing Stickup = -0.21 feet als  
 Depth of water = 3.63 feet btoc  
 Depth of well = 41.95 feet btoc  
 Depth of aquifer = 45.00 feet bls  
 Depth to top of filter pack = 39.45 feet bls  
 Length of screen = 2.50 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 = 38.32 feet  
 ln[(D-H)/Rw] = 3.29  
 Ln (Ri/Rw) = 3.22  
 R influence = 6.26 feet (Ri)  
 Line Fit Range and Parameters  
 t minimum = >0.25 minutes  
 t maximum = <0.16 minutes  
 r 2 = 0.992  
 Estimated K h = 135 feet/day

### SLUG TEST FROM RECOVERY DATA

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	3.29	1.00									
0.008	2.84	0.86									
0.017	2.44	0.74									
0.025	2.11	0.64									
0.033	1.81	0.55									
0.042	1.58	0.48									
0.050	1.36	0.41									
0.058	1.19	0.36									
0.067	1.04	0.32									
0.075	0.91	0.28									
0.083	0.79	0.24									
0.092	0.68	0.21									
0.100	0.58	0.18									
0.108	0.50	0.15									
0.117	0.42	0.13									
0.125	0.35	0.11									
0.133	0.30	0.09									
0.142	0.24	0.07									
0.150	0.19	0.06									
0.158	0.15	0.05									
0.167	0.11	0.03									
0.175	0.08	0.02									
0.183	0.05	0.02									
0.192	0.02	0.01									
0.200	0.00	0.00									