

Kubal-Furr & Associates

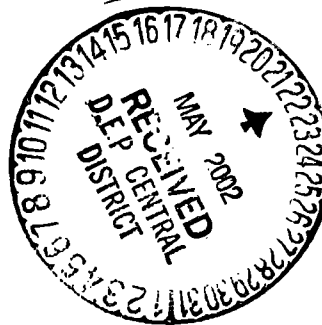
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May 21, 2002

Ms. Deborah Helle, P.G.
Mr. Brett LeRoux, P.G.
Florida Department of
Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803-3767



Dear Deborah and Brett:

On March 1, 2002, I hand delivered to your office a hard copy print out and electronic version of slug test data collected as part of the hydrogeologic investigation for the proposed Oak Hammock Landfill located in Osceola County. As I was assembling the electronic version of the hydrogeologic report prepared in support of the permit application, I realized that slug test data for the "Shell Zone" (SZ) wells had inadvertently been left out of the data package I submitted to you.

With this letter, I am transmitting both the "slug in" and "slug out" data for the three shell zone wells: SZ-1, SZ-2 and SZ-3. This transmittal includes the hard copy datalogger print outs; the graphical tables and calculations; and, the datalogger data in electronic format on the enclosed CD ROM disk.

I apologize for the earlier oversight. Please call if you have any questions after you have a chance to review this information.

Sincerely,

Kubal-Furr & Associates


Jerry E. Kubal, P.G.
Florida License Number 875

cc: Bill Kozuh, OMNI Waste

048OH01

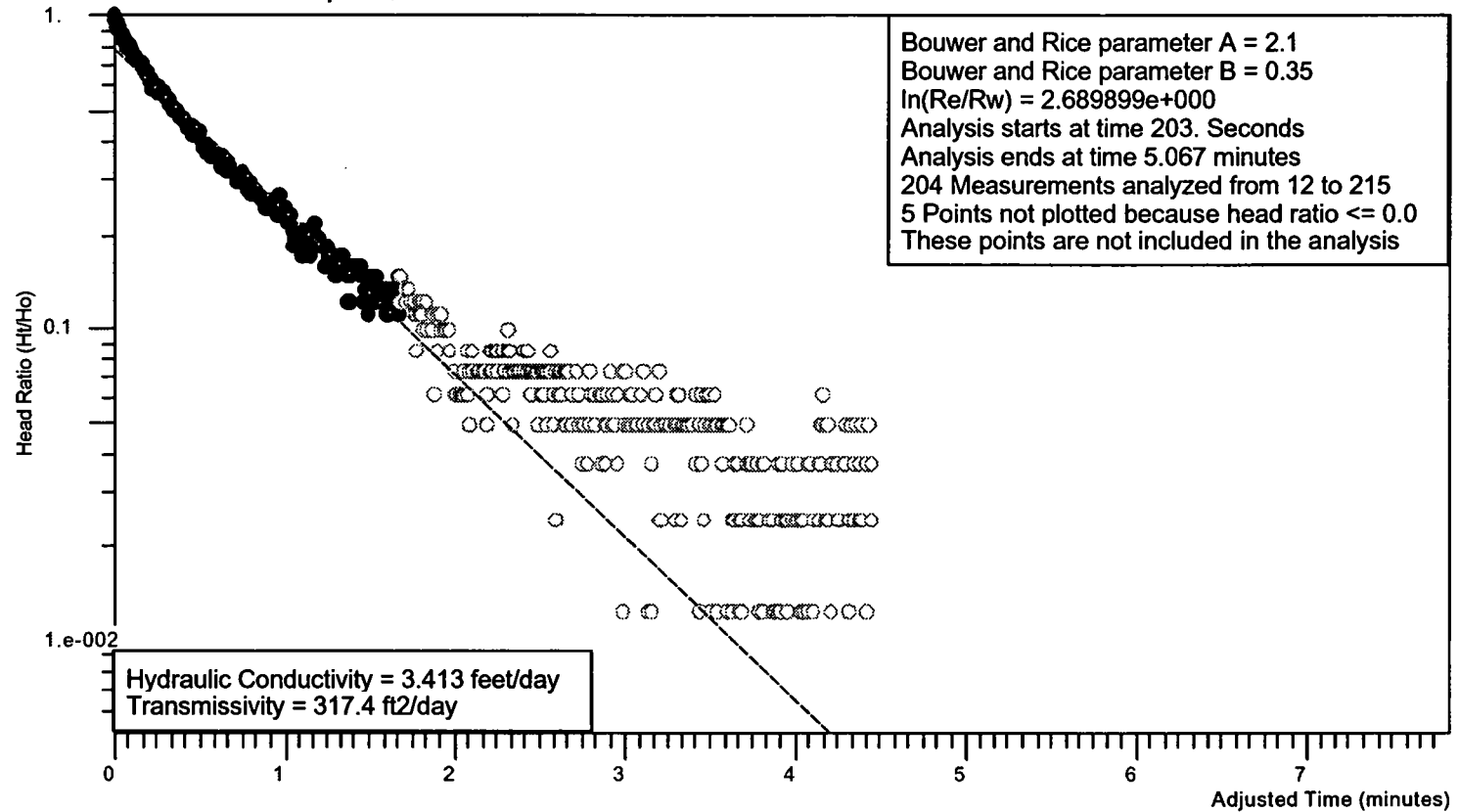
1H - Slug test
(2) Data
"Shell Zone"
5-21-2002
5-22-2002

Slugtest - Slugout - SZ-1 12/1/01

Oak Hammock Holopaw, Florida

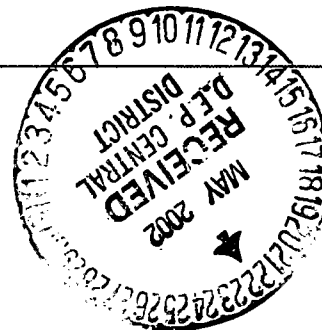
Bouwer and Rice Graph

SZ-1



Project Number: 48OH01 for OMNI Waste

Analysis by Starpoint Software



Slugtest - Slugout - SZ-1

Site Name: Oak Hammock
Location: Holopaw, Florida
Test Date: 12/1/01
Client: OMNI Waste
Project Number: 48OH01
Import File: C:\and SettingsRosseter.PCLAPTOPDataCompensated.lev

Well Label: SZ-1
Aquifer Thickness: 93. feet
Screen Length: 5. feet
Casing Radius: 1. Inches
Effective Radius: 3. Inches
Static Water Level: -5.47 feet
Water Table to Screen Bottom: 75.65 feet
Anisotropy Ratio: 1.
Time Adjustment: 203. Seconds
Test starts with trial 6
There are 547 time and drawdown measurements
Maximum head is 7.47 feet
Minimum head is -1.e-002 feet

Trial	Time (minutes)	Adjusted Time (minutes)	Drawdown (feet)	Head (feet)	Head Ratio
1	3.283	-0.1	-5.47	0.	0.
2	3.3	-8.3e-002	-5.46	-1.e-002	-1.339e-003
3	3.3	-8.3e-002	-5.47	0.	0.
4	3.317	-6.6e-002	-5.47	0.	0.
5	3.317	-6.6e-002	-5.46	-1.e-002	-1.339e-003
6	3.333	-5.e-002	-5.46	-1.e-002	-1.339e-003
7	3.333	-5.e-002	-12.94	7.47	1.
8	3.35	-3.3e-002	-8.75	3.28	0.4391
9	3.35	-3.3e-002	-6.36	0.89	0.1191
10	3.367	-1.6e-002	-6.22	0.75	0.1004
11	3.367	-1.6e-002	-6.31	0.84	0.1124
12	3.383	0.	-6.29	0.82	0.1098
13	3.383	0.	-6.27	0.8	0.1071
14	3.4	1.7e-002	-6.25	0.78	0.1044
15	3.4	1.7e-002	-6.23	0.76	0.1017
16	3.417	3.4e-002	-6.22	0.75	0.1004
17	3.417	3.4e-002	-6.21	0.74	9.906e-002
18	3.433	5.e-002	-6.18	0.71	9.505e-002
19	3.433	5.e-002	-6.17	0.7	9.371e-002
20	3.45	6.7e-002	-6.17	0.7	9.371e-002
21	3.45	6.7e-002	-6.15	0.68	9.103e-002
22	3.467	8.4e-002	-6.14	0.67	8.969e-002
23	3.467	8.4e-002	-6.12	0.65	8.701e-002
24	3.483	0.1	-6.13	0.66	8.835e-002
25	3.483	0.1	-6.12	0.65	8.701e-002
26	3.5	0.117	-6.1	0.63	8.434e-002
27	3.5	0.117	-6.09	0.62	8.3e-002
28	3.517	0.134	-6.08	0.61	8.166e-002
29	3.517	0.134	-6.08	0.61	8.166e-002
30	3.533	0.15	-6.05	0.58	7.764e-002
31	3.533	0.15	-6.05	0.58	7.764e-002
32	3.55	0.167	-6.05	0.58	7.764e-002
33	3.55	0.167	-6.04	0.57	7.631e-002
34	3.567	0.184	-6.02	0.55	7.363e-002
35	3.567	0.184	-6.02	0.55	7.363e-002
36	3.583	0.2	-6.02	0.55	7.363e-002

37	3.583	0.2	-6.01	0.54	7.229e-002
38	3.6	0.217	-5.99	0.52	6.961e-002
39	3.6	0.217	-5.98	0.51	6.827e-002
40	3.617	0.234	-5.97	0.5	6.693e-002
41	3.617	0.234	-5.95	0.48	6.426e-002
42	3.633	0.25	-5.97	0.5	6.693e-002
43	3.633	0.25	-5.96	0.49	6.56e-002
44	3.65	0.267	-5.96	0.49	6.56e-002
45	3.65	0.267	-5.94	0.47	6.292e-002
46	3.667	0.284	-5.94	0.47	6.292e-002
47	3.667	0.284	-5.94	0.47	6.292e-002
48	3.683	0.3	-5.92	0.45	6.024e-002
49	3.683	0.3	-5.92	0.45	6.024e-002
50	3.7	0.317	-5.91	0.44	5.89e-002
51	3.7	0.317	-5.91	0.44	5.89e-002
52	3.717	0.334	-5.9	0.43	5.756e-002
53	3.717	0.334	-5.9	0.43	5.756e-002
54	3.733	0.35	-5.89	0.42	5.622e-002
55	3.733	0.35	-5.88	0.41	5.489e-002
56	3.75	0.367	-5.88	0.41	5.489e-002
57	3.75	0.367	-5.88	0.41	5.489e-002
58	3.767	0.384	-5.87	0.4	5.355e-002
59	3.767	0.384	-5.87	0.4	5.355e-002
60	3.783	0.4	-5.86	0.39	5.221e-002
61	3.783	0.4	-5.86	0.39	5.221e-002
62	3.8	0.417	-5.86	0.39	5.221e-002
63	3.8	0.417	-5.85	0.38	5.087e-002
64	3.817	0.434	-5.84	0.37	4.953e-002
65	3.817	0.434	-5.83	0.36	4.819e-002
66	3.833	0.45	-5.84	0.37	4.953e-002
67	3.833	0.45	-5.84	0.37	4.953e-002
68	3.85	0.467	-5.81	0.34	4.552e-002
69	3.85	0.467	-5.83	0.36	4.819e-002
70	3.867	0.484	-5.81	0.34	4.552e-002
71	3.867	0.484	-5.81	0.34	4.552e-002
72	3.883	0.5	-5.82	0.35	4.685e-002
73	3.883	0.5	-5.81	0.34	4.552e-002
74	3.9	0.517	-5.8	0.33	4.418e-002
75	3.9	0.517	-5.8	0.33	4.418e-002
76	3.917	0.534	-5.79	0.32	4.284e-002
77	3.917	0.534	-5.78	0.31	4.15e-002
78	3.933	0.55	-5.77	0.3	4.016e-002
79	3.933	0.55	-5.78	0.31	4.15e-002
80	3.95	0.567	-5.78	0.31	4.15e-002
81	3.95	0.567	-5.76	0.29	3.882e-002
82	3.967	0.584	-5.76	0.29	3.882e-002
83	3.967	0.584	-5.77	0.3	4.016e-002
84	3.983	0.6	-5.77	0.3	4.016e-002
85	3.983	0.6	-5.76	0.29	3.882e-002
86	4.	0.617	-5.76	0.29	3.882e-002
87	4.	0.617	-5.76	0.29	3.882e-002
88	4.017	0.634	-5.76	0.29	3.882e-002
89	4.017	0.634	-5.74	0.27	3.614e-002
90	4.033	0.65	-5.75	0.28	3.748e-002
91	4.033	0.65	-5.74	0.27	3.614e-002
92	4.05	0.667	-5.75	0.28	3.748e-002
93	4.05	0.667	-5.73	0.26	3.481e-002
94	4.067	0.684	-5.74	0.27	3.614e-002
95	4.067	0.684	-5.74	0.27	3.614e-002
96	4.083	0.7	-5.73	0.26	3.481e-002
97	4.083	0.7	-5.73	0.26	3.481e-002
98	4.1	0.717	-5.71	0.24	3.213e-002

99	4.1	0.717	-5.72	0.25	3.347e-002
100	4.117	0.734	-5.71	0.24	3.213e-002
101	4.117	0.734	-5.71	0.24	3.213e-002
102	4.133	0.75	-5.73	0.26	3.481e-002
103	4.133	0.75	-5.72	0.25	3.347e-002
104	4.15	0.767	-5.71	0.24	3.213e-002
105	4.15	0.767	-5.72	0.25	3.347e-002
106	4.167	0.784	-5.7	0.23	3.079e-002
107	4.167	0.784	-5.7	0.23	3.079e-002
108	4.183	0.8	-5.7	0.23	3.079e-002
109	4.183	0.8	-5.71	0.24	3.213e-002
110	4.2	0.817	-5.69	0.22	2.945e-002
111	4.2	0.817	-5.7	0.23	3.079e-002
112	4.217	0.834	-5.69	0.22	2.945e-002
113	4.217	0.834	-5.7	0.23	3.079e-002
114	4.233	0.85	-5.69	0.22	2.945e-002
115	4.233	0.85	-5.69	0.22	2.945e-002
116	4.25	0.867	-5.68	0.21	2.811e-002
117	4.25	0.867	-5.68	0.21	2.811e-002
118	4.267	0.884	-5.68	0.21	2.811e-002
119	4.267	0.884	-5.67	0.2	2.677e-002
120	4.283	0.9	-5.68	0.21	2.811e-002
121	4.283	0.9	-5.67	0.2	2.677e-002
122	4.3	0.917	-5.68	0.21	2.811e-002
123	4.3	0.917	-5.68	0.21	2.811e-002
124	4.317	0.934	-5.67	0.2	2.677e-002
125	4.317	0.934	-5.67	0.2	2.677e-002
126	4.333	0.95	-5.67	0.2	2.677e-002
127	4.333	0.95	-5.67	0.2	2.677e-002
128	4.35	0.967	-5.66	0.19	2.544e-002
129	4.35	0.967	-5.67	0.2	2.677e-002
130	4.367	0.984	-5.69	0.22	2.945e-002
131	4.367	0.984	-5.66	0.19	2.544e-002
132	4.383	1.	-5.67	0.2	2.677e-002
133	4.383	1.	-5.66	0.19	2.544e-002
134	4.4	1.017	-5.65	0.18	2.41e-002
135	4.4	1.017	-5.66	0.19	2.544e-002
136	4.417	1.034	-5.66	0.19	2.544e-002
137	4.417	1.034	-5.66	0.19	2.544e-002
138	4.433	1.05	-5.64	0.17	2.276e-002
139	4.433	1.05	-5.62	0.15	2.008e-002
140	4.45	1.067	-5.64	0.17	2.276e-002
141	4.45	1.067	-5.63	0.16	2.142e-002
142	4.467	1.084	-5.62	0.15	2.008e-002
143	4.467	1.084	-5.63	0.16	2.142e-002
144	4.483	1.1	-5.64	0.17	2.276e-002
145	4.483	1.1	-5.64	0.17	2.276e-002
146	4.5	1.117	-5.64	0.17	2.276e-002
147	4.5	1.117	-5.61	0.14	1.874e-002
148	4.517	1.134	-5.64	0.17	2.276e-002
149	4.517	1.134	-5.63	0.16	2.142e-002
150	4.533	1.15	-5.61	0.14	1.874e-002
151	4.533	1.15	-5.62	0.15	2.008e-002
152	4.55	1.167	-5.63	0.16	2.142e-002
153	4.55	1.167	-5.64	0.17	2.276e-002
154	4.567	1.184	-5.65	0.18	2.41e-002
155	4.567	1.184	-5.63	0.16	2.142e-002
156	4.583	1.2	-5.63	0.16	2.142e-002
157	4.583	1.2	-5.63	0.16	2.142e-002
158	4.6	1.217	-5.62	0.15	2.008e-002
159	4.6	1.217	-5.62	0.15	2.008e-002
160	4.617	1.234	-5.62	0.15	2.008e-002

So/sz-1

161	4.617	1.234	-5.62	0.15	2.008e-002
162	4.633	1.25	-5.6	0.13	1.74e-002
163	4.633	1.25	-5.62	0.15	2.008e-002
164	4.65	1.267	-5.61	0.14	1.874e-002
165	4.65	1.267	-5.62	0.15	2.008e-002
166	4.667	1.284	-5.61	0.14	1.874e-002
167	4.667	1.284	-5.6	0.13	1.74e-002
168	4.683	1.3	-5.59	0.12	1.606e-002
169	4.683	1.3	-5.6	0.13	1.74e-002
170	4.7	1.317	-5.6	0.13	1.74e-002
171	4.7	1.317	-5.6	0.13	1.74e-002
172	4.717	1.334	-5.61	0.14	1.874e-002
173	4.717	1.334	-5.6	0.13	1.74e-002
174	4.733	1.35	-5.61	0.14	1.874e-002
175	4.733	1.35	-5.6	0.13	1.74e-002
176	4.75	1.367	-5.6	0.13	1.74e-002
177	4.75	1.367	-5.6	0.13	1.74e-002
178	4.767	1.384	-5.59	0.12	1.606e-002
179	4.767	1.384	-5.57	0.1	1.339e-002
180	4.783	1.4	-5.59	0.12	1.606e-002
181	4.783	1.4	-5.57	0.1	1.339e-002
182	4.8	1.417	-5.6	0.13	1.74e-002
183	4.8	1.417	-5.6	0.13	1.74e-002
184	4.817	1.434	-5.6	0.13	1.74e-002
185	4.817	1.434	-5.6	0.13	1.74e-002
186	4.833	1.45	-5.6	0.13	1.74e-002
187	4.833	1.45	-5.6	0.13	1.74e-002
188	4.85	1.467	-5.57	0.1	1.339e-002
189	4.85	1.467	-5.59	0.12	1.606e-002
190	4.867	1.484	-5.58	0.11	1.473e-002
191	4.867	1.484	-5.59	0.12	1.606e-002
192	4.883	1.5	-5.58	0.11	1.473e-002
193	4.883	1.5	-5.56	9.e-002	1.205e-002
194	4.9	1.517	-5.58	0.11	1.473e-002
195	4.9	1.517	-5.59	0.12	1.606e-002
196	4.917	1.534	-5.57	0.1	1.339e-002
197	4.917	1.534	-5.58	0.11	1.473e-002
198	4.933	1.55	-5.59	0.12	1.606e-002
199	4.933	1.55	-5.57	0.1	1.339e-002
200	4.95	1.567	-5.57	0.1	1.339e-002
201	4.95	1.567	-5.58	0.11	1.473e-002
202	4.967	1.584	-5.57	0.1	1.339e-002
203	4.967	1.584	-5.58	0.11	1.473e-002
204	4.983	1.6	-5.56	9.e-002	1.205e-002
205	4.983	1.6	-5.58	0.11	1.473e-002
206	5.	1.617	-5.56	9.e-002	1.205e-002
207	5.	1.617	-5.56	9.e-002	1.205e-002
208	5.017	1.634	-5.57	0.1	1.339e-002
209	5.017	1.634	-5.58	0.11	1.473e-002
210	5.033	1.65	-5.58	0.11	1.473e-002
211	5.033	1.65	-5.58	0.11	1.473e-002
212	5.05	1.667	-5.57	0.1	1.339e-002
213	5.05	1.667	-5.58	0.11	1.473e-002
214	5.067	1.684	-5.59	0.12	1.606e-002
215	5.067	1.684	-5.56	9.e-002	1.205e-002
216	5.083	1.7	-5.57	0.1	1.339e-002
217	5.083	1.7	-5.59	0.12	1.606e-002
218	5.1	1.717	-5.58	0.11	1.473e-002
219	5.1	1.717	-5.57	0.1	1.339e-002
220	5.117	1.734	-5.58	0.11	1.473e-002
221	5.117	1.734	-5.58	0.11	1.473e-002
222	5.133	1.75	-5.57	0.1	1.339e-002

223	5.133	1.75	-5.57	0.1	1.339e-002
224	5.15	1.767	-5.56	9.e-002	1.205e-002
225	5.15	1.767	-5.57	0.1	1.339e-002
226	5.167	1.784	-5.54	7.e-002	9.371e-003
227	5.167	1.784	-5.56	9.e-002	1.205e-002
228	5.183	1.8	-5.56	9.e-002	1.205e-002
229	5.183	1.8	-5.57	0.1	1.339e-002
230	5.2	1.817	-5.57	0.1	1.339e-002
231	5.2	1.817	-5.56	9.e-002	1.205e-002
232	5.217	1.834	-5.57	0.1	1.339e-002
233	5.217	1.834	-5.55	8.e-002	1.071e-002
234	5.233	1.85	-5.57	0.1	1.339e-002
235	5.233	1.85	-5.55	8.e-002	1.071e-002
236	5.25	1.867	-5.55	8.e-002	1.071e-002
237	5.25	1.867	-5.56	9.e-002	1.205e-002
238	5.267	1.884	-5.56	9.e-002	1.205e-002
239	5.267	1.884	-5.52	5.e-002	6.693e-003
240	5.283	1.9	-5.54	7.e-002	9.371e-003
241	5.283	1.9	-5.56	9.e-002	1.205e-002
242	5.3	1.917	-5.56	9.e-002	1.205e-002
243	5.3	1.917	-5.56	9.e-002	1.205e-002
244	5.317	1.934	-5.55	8.e-002	1.071e-002
245	5.317	1.934	-5.56	9.e-002	1.205e-002
246	5.333	1.95	-5.55	8.e-002	1.071e-002
247	5.333	1.95	-5.55	8.e-002	1.071e-002
248	5.35	1.967	-5.55	8.e-002	1.071e-002
249	5.35	1.967	-5.55	8.e-002	1.071e-002
250	5.367	1.984	-5.55	8.e-002	1.071e-002
251	5.367	1.984	-5.54	7.e-002	9.371e-003
252	5.383	2.	-5.52	5.e-002	6.693e-003
253	5.383	2.	-5.53	6.e-002	8.032e-003
254	5.4	2.017	-5.52	5.e-002	6.693e-003
255	5.4	2.017	-5.52	5.e-002	6.693e-003
256	5.417	2.034	-5.52	5.e-002	6.693e-003
257	5.417	2.034	-5.52	5.e-002	6.693e-003
258	5.433	2.05	-5.52	5.e-002	6.693e-003
259	5.433	2.05	-5.52	5.e-002	6.693e-003
260	5.45	2.067	-5.52	5.e-002	6.693e-003
261	5.45	2.067	-5.53	6.e-002	8.032e-003
262	5.467	2.084	-5.54	7.e-002	9.371e-003
263	5.467	2.084	-5.52	5.e-002	6.693e-003
264	5.483	2.1	-5.51	4.e-002	5.355e-003
265	5.483	2.1	-5.53	6.e-002	8.032e-003
266	5.5	2.117	-5.53	6.e-002	8.032e-003
267	5.5	2.117	-5.54	7.e-002	9.371e-003
268	5.517	2.134	-5.53	6.e-002	8.032e-003
269	5.517	2.134	-5.53	6.e-002	8.032e-003
270	5.533	2.15	-5.53	6.e-002	8.032e-003
271	5.533	2.15	-5.53	6.e-002	8.032e-003
272	5.55	2.167	-5.53	6.e-002	8.032e-003
273	5.55	2.167	-5.53	6.e-002	8.032e-003
274	5.567	2.184	-5.53	6.e-002	8.032e-003
275	5.567	2.184	-5.53	6.e-002	8.032e-003
276	5.583	2.2	-5.52	5.e-002	6.693e-003
277	5.583	2.2	-5.51	4.e-002	5.355e-003
278	5.6	2.217	-5.53	6.e-002	8.032e-003
279	5.6	2.217	-5.54	7.e-002	9.371e-003
280	5.617	2.234	-5.53	6.e-002	8.032e-003
281	5.617	2.234	-5.54	7.e-002	9.371e-003
282	5.633	2.25	-5.54	7.e-002	9.371e-003
283	5.633	2.25	-5.54	7.e-002	9.371e-003
284	5.65	2.267	-5.53	6.e-002	8.032e-003

285	5.65	2.267	-5.54	7.e-002	9.371e-003
286	5.667	2.284	-5.54	7.e-002	9.371e-003
287	5.667	2.284	-5.52	5.e-002	6.693e-003
288	5.683	2.3	-5.53	6.e-002	8.032e-003
289	5.683	2.3	-5.53	6.e-002	8.032e-003
290	5.7	2.317	-5.55	8.e-002	1.071e-002
291	5.7	2.317	-5.54	7.e-002	9.371e-003
292	5.717	2.334	-5.54	7.e-002	9.371e-003
293	5.717	2.334	-5.53	6.e-002	8.032e-003
294	5.733	2.35	-5.51	4.e-002	5.355e-003
295	5.733	2.35	-5.53	6.e-002	8.032e-003
296	5.75	2.367	-5.53	6.e-002	8.032e-003
297	5.75	2.367	-5.53	6.e-002	8.032e-003
298	5.767	2.384	-5.53	6.e-002	8.032e-003
299	5.767	2.384	-5.53	6.e-002	8.032e-003
300	5.783	2.4	-5.53	6.e-002	8.032e-003
301	5.783	2.4	-5.53	6.e-002	8.032e-003
302	5.8	2.417	-5.54	7.e-002	9.371e-003
303	5.8	2.417	-5.53	6.e-002	8.032e-003
304	5.817	2.434	-5.54	7.e-002	9.371e-003
305	5.817	2.434	-5.53	6.e-002	8.032e-003
306	5.833	2.45	-5.52	5.e-002	6.693e-003
307	5.833	2.45	-5.53	6.e-002	8.032e-003
308	5.85	2.467	-5.53	6.e-002	8.032e-003
309	5.85	2.467	-5.53	6.e-002	8.032e-003
310	5.867	2.484	-5.53	6.e-002	8.032e-003
311	5.867	2.484	-5.53	6.e-002	8.032e-003
312	5.883	2.5	-5.51	4.e-002	5.355e-003
313	5.883	2.5	-5.53	6.e-002	8.032e-003
314	5.9	2.517	-5.53	6.e-002	8.032e-003
315	5.9	2.517	-5.52	5.e-002	6.693e-003
316	5.917	2.534	-5.52	5.e-002	6.693e-003
317	5.917	2.534	-5.53	6.e-002	8.032e-003
318	5.933	2.55	-5.53	6.e-002	8.032e-003
319	5.933	2.55	-5.51	4.e-002	5.355e-003
320	5.95	2.567	-5.54	7.e-002	9.371e-003
321	5.95	2.567	-5.53	6.e-002	8.032e-003
322	5.967	2.584	-5.52	5.e-002	6.693e-003
323	5.967	2.584	-5.51	4.e-002	5.355e-003
324	5.983	2.6	-5.49	2.e-002	2.677e-003
325	5.983	2.6	-5.53	6.e-002	8.032e-003
326	6.	2.617	-5.53	6.e-002	8.032e-003
327	6.	2.617	-5.52	5.e-002	6.693e-003
328	6.017	2.634	-5.52	5.e-002	6.693e-003
329	6.017	2.634	-5.53	6.e-002	8.032e-003
330	6.033	2.65	-5.51	4.e-002	5.355e-003
331	6.033	2.65	-5.53	6.e-002	8.032e-003
332	6.05	2.667	-5.51	4.e-002	5.355e-003
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334	6.067	2.684	-5.53	6.e-002	8.032e-003
335	6.067	2.684	-5.53	6.e-002	8.032e-003
336	6.083	2.7	-5.52	5.e-002	6.693e-003
337	6.083	2.7	-5.51	4.e-002	5.355e-003
338	6.1	2.717	-5.53	6.e-002	8.032e-003
339	6.1	2.717	-5.53	6.e-002	8.032e-003
340	6.117	2.734	-5.52	5.e-002	6.693e-003
341	6.117	2.734	-5.51	4.e-002	5.355e-003
342	6.133	2.75	-5.5	3.e-002	4.016e-003
343	6.133	2.75	-5.51	4.e-002	5.355e-003
344	6.15	2.767	-5.51	4.e-002	5.355e-003
345	6.15	2.767	-5.51	4.e-002	5.355e-003
346	6.167	2.784	-5.5	3.e-002	4.016e-003

347	6.167	2.784	-5.5	3.e-002	4.016e-003
348	6.183	2.8	-5.51	4.e-002	5.355e-003
349	6.183	2.8	-5.53	6.e-002	8.032e-003
350	6.2	2.817	-5.52	5.e-002	6.693e-003
351	6.2	2.817	-5.52	5.e-002	6.693e-003
352	6.217	2.834	-5.52	5.e-002	6.693e-003
353	6.217	2.834	-5.51	4.e-002	5.355e-003
354	6.233	2.85	-5.52	5.e-002	6.693e-003
355	6.233	2.85	-5.52	5.e-002	6.693e-003
356	6.25	2.867	-5.52	5.e-002	6.693e-003
357	6.25	2.867	-5.5	3.e-002	4.016e-003
358	6.267	2.884	-5.5	3.e-002	4.016e-003
359	6.267	2.884	-5.51	4.e-002	5.355e-003
360	6.283	2.9	-5.51	4.e-002	5.355e-003
361	6.283	2.9	-5.52	5.e-002	6.693e-003
362	6.3	2.917	-5.53	6.e-002	8.032e-003
363	6.3	2.917	-5.53	6.e-002	8.032e-003
364	6.317	2.934	-5.52	5.e-002	6.693e-003
365	6.317	2.934	-5.51	4.e-002	5.355e-003
366	6.333	2.95	-5.51	4.e-002	5.355e-003
367	6.333	2.95	-5.51	4.e-002	5.355e-003
368	6.35	2.967	-5.52	5.e-002	6.693e-003
369	6.35	2.967	-5.5	3.e-002	4.016e-003
370	6.367	2.984	-5.48	1.e-002	1.339e-003
371	6.367	2.984	-5.53	6.e-002	8.032e-003
372	6.383	3.	-5.51	4.e-002	5.355e-003
373	6.383	3.	-5.53	6.e-002	8.032e-003
374	6.4	3.017	-5.51	4.e-002	5.355e-003
375	6.4	3.017	-5.51	4.e-002	5.355e-003
376	6.417	3.034	-5.52	5.e-002	6.693e-003
377	6.417	3.034	-5.51	4.e-002	5.355e-003
378	6.433	3.05	-5.51	4.e-002	5.355e-003
379	6.433	3.05	-5.52	5.e-002	6.693e-003
380	6.45	3.067	-5.51	4.e-002	5.355e-003
381	6.45	3.067	-5.51	4.e-002	5.355e-003
382	6.467	3.084	-5.51	4.e-002	5.355e-003
383	6.467	3.084	-5.51	4.e-002	5.355e-003
384	6.483	3.1	-5.52	5.e-002	6.693e-003
385	6.483	3.1	-5.52	5.e-002	6.693e-003
386	6.5	3.117	-5.53	6.e-002	8.032e-003
387	6.5	3.117	-5.51	4.e-002	5.355e-003
388	6.517	3.134	-5.51	4.e-002	5.355e-003
389	6.517	3.134	-5.48	1.e-002	1.339e-003
390	6.533	3.15	-5.48	1.e-002	1.339e-003
391	6.533	3.15	-5.5	3.e-002	4.016e-003
392	6.55	3.167	-5.51	4.e-002	5.355e-003
393	6.55	3.167	-5.51	4.e-002	5.355e-003
394	6.567	3.184	-5.52	5.e-002	6.693e-003
395	6.567	3.184	-5.51	4.e-002	5.355e-003
396	6.583	3.2	-5.53	6.e-002	8.032e-003
397	6.583	3.2	-5.49	2.e-002	2.677e-003
398	6.6	3.217	-5.51	4.e-002	5.355e-003
399	6.6	3.217	-5.49	2.e-002	2.677e-003
400	6.617	3.234	-5.51	4.e-002	5.355e-003
401	6.617	3.234	-5.51	4.e-002	5.355e-003
402	6.633	3.25	-5.51	4.e-002	5.355e-003
403	6.633	3.25	-5.51	4.e-002	5.355e-003
404	6.65	3.267	-5.51	4.e-002	5.355e-003
405	6.65	3.267	-5.51	4.e-002	5.355e-003
406	6.667	3.284	-5.51	4.e-002	5.355e-003
407	6.667	3.284	-5.49	2.e-002	2.677e-003
408	6.683	3.3	-5.51	4.e-002	5.355e-003

409	6.683	3.3	-5.52	5.e-002	6.693e-003
410	6.7	3.317	-5.51	4.e-002	5.355e-003
411	6.7	3.317	-5.52	5.e-002	6.693e-003
412	6.717	3.334	-5.51	4.e-002	5.355e-003
413	6.717	3.334	-5.49	2.e-002	2.677e-003
414	6.733	3.35	-5.51	4.e-002	5.355e-003
415	6.733	3.35	-5.51	4.e-002	5.355e-003
416	6.75	3.367	-5.51	4.e-002	5.355e-003
417	6.75	3.367	-5.51	4.e-002	5.355e-003
418	6.767	3.384	-5.51	4.e-002	5.355e-003
419	6.767	3.384	-5.51	4.e-002	5.355e-003
420	6.783	3.4	-5.51	4.e-002	5.355e-003
421	6.783	3.4	-5.51	4.e-002	5.355e-003
422	6.8	3.417	-5.5	3.e-002	4.016e-003
423	6.8	3.417	-5.52	5.e-002	6.693e-003
424	6.817	3.434	-5.48	1.e-002	1.339e-003
425	6.817	3.434	-5.51	4.e-002	5.355e-003
426	6.833	3.45	-5.52	5.e-002	6.693e-003
427	6.833	3.45	-5.5	3.e-002	4.016e-003
428	6.85	3.467	-5.49	2.e-002	2.677e-003
429	6.85	3.467	-5.51	4.e-002	5.355e-003
430	6.867	3.484	-5.52	5.e-002	6.693e-003
431	6.867	3.484	-5.52	5.e-002	6.693e-003
432	6.883	3.5	-5.52	5.e-002	6.693e-003
433	6.883	3.5	-5.51	4.e-002	5.355e-003
434	6.9	3.517	-5.48	1.e-002	1.339e-003
435	6.9	3.517	-5.51	4.e-002	5.355e-003
436	6.917	3.534	-5.52	5.e-002	6.693e-003
437	6.917	3.534	-5.51	4.e-002	5.355e-003
438	6.933	3.55	-5.51	4.e-002	5.355e-003
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442	6.967	3.584	-5.47	0.	0.
443	6.967	3.584	-5.51	4.e-002	5.355e-003
444	6.983	3.6	-5.48	1.e-002	1.339e-003
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446	7.	3.617	-5.51	4.e-002	5.355e-003
447	7.	3.617	-5.51	4.e-002	5.355e-003
448	7.017	3.634	-5.48	1.e-002	1.339e-003
449	7.017	3.634	-5.49	2.e-002	2.677e-003
450	7.033	3.65	-5.5	3.e-002	4.016e-003
451	7.033	3.65	-5.49	2.e-002	2.677e-003
452	7.05	3.667	-5.5	3.e-002	4.016e-003
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454	7.067	3.684	-5.49	2.e-002	2.677e-003
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456	7.083	3.7	-5.48	1.e-002	1.339e-003
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458	7.1	3.717	-5.51	4.e-002	5.355e-003
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468	7.183	3.8	-5.49	2.e-002	2.677e-003
469	7.183	3.8	-5.48	1.e-002	1.339e-003
470	7.2	3.817	-5.48	1.e-002	1.339e-003

471	7.2	3.817	-5.5	3.e-002	4.016e-003
472	7.217	3.834	-5.5	3.e-002	4.016e-003
473	7.217	3.834	-5.5	3.e-002	4.016e-003
474	7.233	3.85	-5.49	2.e-002	2.677e-003
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476	7.25	3.867	-5.49	2.e-002	2.677e-003
477	7.25	3.867	-5.48	1.e-002	1.339e-003
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480	7.283	3.9	-5.5	3.e-002	4.016e-003
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484	7.317	3.934	-5.49	2.e-002	2.677e-003
485	7.317	3.934	-5.5	3.e-002	4.016e-003
486	7.333	3.95	-5.49	2.e-002	2.677e-003
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488	7.35	3.967	-5.48	1.e-002	1.339e-003
489	7.35	3.967	-5.49	2.e-002	2.677e-003
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494	7.4	4.017	-5.49	2.e-002	2.677e-003
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499	7.433	4.05	-5.48	1.e-002	1.339e-003
500	7.45	4.067	-5.47	0.	0.
501	7.45	4.067	-5.48	1.e-002	1.339e-003
502	7.467	4.084	-5.48	1.e-002	1.339e-003
503	7.467	4.084	-5.5	3.e-002	4.016e-003
504	7.483	4.1	-5.5	3.e-002	4.016e-003
505	7.483	4.1	-5.5	3.e-002	4.016e-003
506	7.5	4.117	-5.49	2.e-002	2.677e-003
507	7.5	4.117	-5.48	1.e-002	1.339e-003
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509	7.517	4.134	-5.49	2.e-002	2.677e-003
510	7.533	4.15	-5.51	4.e-002	5.355e-003
511	7.533	4.15	-5.5	3.e-002	4.016e-003
512	7.55	4.167	-5.52	5.e-002	6.693e-003
513	7.55	4.167	-5.51	4.e-002	5.355e-003
514	7.567	4.184	-5.49	2.e-002	2.677e-003
515	7.567	4.184	-5.51	4.e-002	5.355e-003
516	7.583	4.2	-5.51	4.e-002	5.355e-003
517	7.583	4.2	-5.49	2.e-002	2.677e-003
518	7.6	4.217	-5.48	1.e-002	1.339e-003
519	7.6	4.217	-5.5	3.e-002	4.016e-003
520	7.617	4.234	-5.5	3.e-002	4.016e-003
521	7.617	4.234	-5.5	3.e-002	4.016e-003
522	7.633	4.25	-5.5	3.e-002	4.016e-003
523	7.633	4.25	-5.5	3.e-002	4.016e-003
524	7.65	4.267	-5.49	2.e-002	2.677e-003
525	7.65	4.267	-5.49	2.e-002	2.677e-003
526	7.667	4.284	-5.5	3.e-002	4.016e-003
527	7.667	4.284	-5.5	3.e-002	4.016e-003
528	7.683	4.3	-5.5	3.e-002	4.016e-003
529	7.683	4.3	-5.51	4.e-002	5.355e-003
530	7.7	4.317	-5.49	2.e-002	2.677e-003
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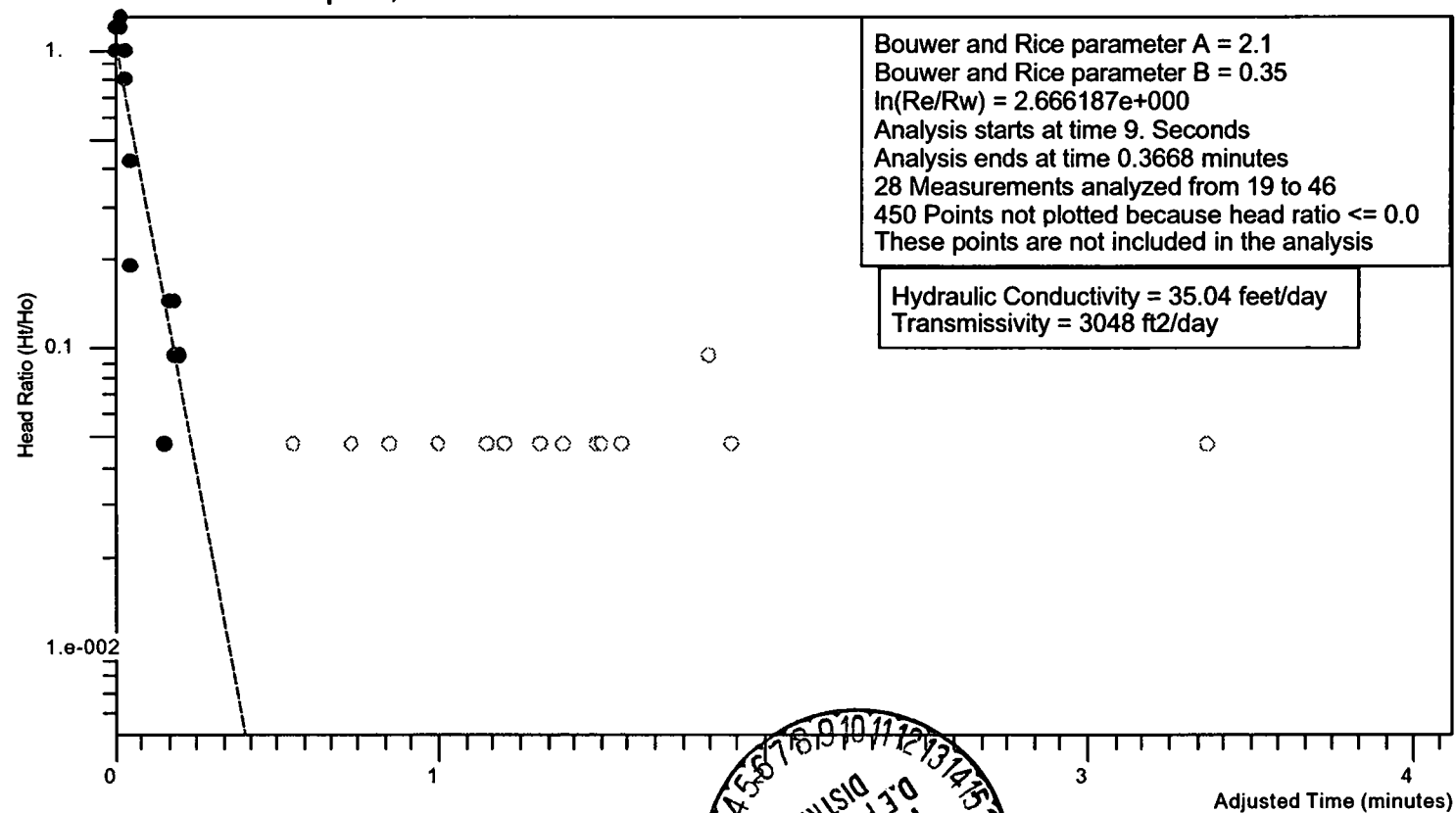
533	7.717	4.334	-5.51	4.e-002	5.355e-003
534	7.733	4.35	-5.5	3.e-002	4.016e-003
535	7.733	4.35	-5.49	2.e-002	2.677e-003
536	7.75	4.367	-5.51	4.e-002	5.355e-003
537	7.75	4.367	-5.51	4.e-002	5.355e-003
538	7.767	4.384	-5.5	3.e-002	4.016e-003
539	7.767	4.384	-5.49	2.e-002	2.677e-003
540	7.783	4.4	-5.49	2.e-002	2.677e-003
541	7.783	4.4	-5.51	4.e-002	5.355e-003
542	7.8	4.417	-5.48	1.e-002	1.339e-003
543	7.8	4.417	-5.5	3.e-002	4.016e-003
544	7.817	4.434	-5.51	4.e-002	5.355e-003
545	7.817	4.434	-5.51	4.e-002	5.355e-003
546	7.833	4.45	-5.5	3.e-002	4.016e-003
547	7.833	4.45	-5.49	2.e-002	2.677e-003

Slugtest - Slugin - SZ-2 12/1/01

Oak Hammock Holopaw, Florida

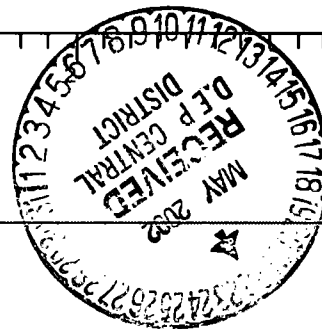
Bouwer and Rice Graph

SZ-2



Project Number: 48OH01 for OMNI Waste
Analysis by Starpoint Software

Ho is 0.21 feet at 9. Seconds



Slugtest - Slugin - SZ-2

Site Name: Oak Hammock
 Location: Holopaw, Florida
 Test Date: 12/1/01
 Client: OMNI Waste
 Project Number: 48OH01
 Import File: C:\and SettingsRosseter.PCLAPTOPDataCompensated.lev

Well Label: SZ-2
 Aquifer Thickness: 87. feet
 Screen Length: 5. feet
 Casing Radius: 1. Inches
 Effective Radius: 3. Inches
 Static Water Level: -5.99 feet
 Water Table to Screen Bottom: 69.33 feet
 Anisotropy Ratio: 1.
 Time Adjustment: 9. Seconds
 Test starts with trial 6
 There are 496 time and drawdown measurements
 Maximum head is 2.53 feet
 Minimum head is -1.14 feet

Trial	Time (minutes)	Adjusted Time (minutes)	Drawdown (feet)	Head (feet)	Head Ratio
1	0.	-0.15	-5.99	0.	0.
2	8.333e-005	-0.1499	-5.99	0.	0.
3	1.667e-002	-0.1333	-5.99	0.	0.
4	1.675e-002	-0.1333	-5.96	3.e-002	1.186e-002
5	3.333e-002	-0.1167	-6.01	-2.e-002	-7.905e-003
6	3.342e-002	-0.1166	-5.98	1.e-002	3.953e-003
7	5.e-002	-1.e-001	-3.46	2.53	1.
8	5.008e-002	-9.992e-002	-3.69	2.3	0.9091
9	6.667e-002	-8.333e-002	-6.67	-0.68	-0.2688
10	6.675e-002	-8.325e-002	-6.83	-0.84	-0.332
11	8.333e-002	-6.667e-002	-7.03	-1.04	-0.4111
12	8.342e-002	-6.658e-002	-7.13	-1.14	-0.4506
13	0.1	-5.e-002	-7.	-1.01	-0.3992
14	0.1001	-4.99e-002	-6.59	-0.6	-0.2372
15	0.1167	-3.33e-002	-6.44	-0.45	-0.1779
16	0.1167	-3.33e-002	-6.14	-0.15	-5.929e-002
17	0.1333	-1.67e-002	-5.95	4.e-002	1.581e-002
18	0.1334	-1.66e-002	-5.83	0.16	6.324e-002
19	0.15	0.	-5.78	0.21	8.3e-002
20	0.1501	1.e-004	-5.74	0.25	9.881e-002
21	0.1667	1.67e-002	-5.72	0.27	0.1067
22	0.1667	1.67e-002	-5.74	0.25	9.881e-002
23	0.1833	3.33e-002	-5.78	0.21	8.3e-002
24	0.1834	3.34e-002	-5.82	0.17	6.719e-002
25	0.2	5.e-002	-5.9	9.e-002	3.557e-002
26	0.2001	5.01e-002	-5.95	4.e-002	1.581e-002
27	0.2167	6.67e-002	-6.	-1.e-002	-3.953e-003
28	0.2168	6.68e-002	-6.06	-7.e-002	-2.767e-002
29	0.2333	8.33e-002	-6.06	-7.e-002	-2.767e-002
30	0.2334	8.34e-002	-6.08	-9.e-002	-3.557e-002
31	0.25	0.1	-6.07	-8.e-002	-3.162e-002
32	0.2501	0.1001	-6.07	-8.e-002	-3.162e-002
33	0.2667	0.1167	-6.07	-8.e-002	-3.162e-002
34	0.2668	0.1168	-6.01	-2.e-002	-7.905e-003
35	0.2833	0.1333	-6.02	-3.e-002	-1.186e-002
36	0.2834	0.1334	-6.	-1.e-002	-3.953e-003

37	0.3	0.15	-5.99	0.	0.
38	0.3001	0.1501	-5.98	1.e-002	3.953e-003
39	0.3167	0.1667	-5.96	3.e-002	1.186e-002
40	0.3168	0.1668	-5.96	3.e-002	1.186e-002
41	0.3333	0.1833	-5.96	3.e-002	1.186e-002
42	0.3334	0.1834	-5.97	2.e-002	7.905e-003
43	0.35	0.2	-5.99	0.	0.
44	0.3501	0.2001	-5.97	2.e-002	7.905e-003
45	0.3667	0.2167	-6.	-1.e-002	-3.953e-003
46	0.3668	0.2168	-6.	-1.e-002	-3.953e-003
47	0.3833	0.2333	-6.	-1.e-002	-3.953e-003
48	0.3834	0.2334	-6.01	-2.e-002	-7.905e-003
49	0.4	0.25	-6.	-1.e-002	-3.953e-003
50	0.4001	0.2501	-6.02	-3.e-002	-1.186e-002
51	0.4167	0.2667	-6.	-1.e-002	-3.953e-003
52	0.4168	0.2668	-6.02	-3.e-002	-1.186e-002
53	0.4333	0.2833	-6.01	-2.e-002	-7.905e-003
54	0.4334	0.2834	-6.01	-2.e-002	-7.905e-003
55	0.45	0.3	-6.01	-2.e-002	-7.905e-003
56	0.4501	0.3001	-6.01	-2.e-002	-7.905e-003
57	0.4667	0.3167	-6.01	-2.e-002	-7.905e-003
58	0.4668	0.3168	-6.01	-2.e-002	-7.905e-003
59	0.4833	0.3333	-6.	-1.e-002	-3.953e-003
60	0.4834	0.3334	-6.	-1.e-002	-3.953e-003
61	0.5	0.35	-5.99	0.	0.
62	0.5001	0.3501	-6.	-1.e-002	-3.953e-003
63	0.5167	0.3667	-6.	-1.e-002	-3.953e-003
64	0.5168	0.3668	-6.	-1.e-002	-3.953e-003
65	0.5333	0.3833	-6.01	-2.e-002	-7.905e-003
66	0.5334	0.3834	-6.01	-2.e-002	-7.905e-003
67	0.55	0.4	-5.99	0.	0.
68	0.5501	0.4001	-6.	-1.e-002	-3.953e-003
69	0.5667	0.4167	-6.01	-2.e-002	-7.905e-003
70	0.5668	0.4168	-6.	-1.e-002	-3.953e-003
71	0.5833	0.4333	-6.	-1.e-002	-3.953e-003
72	0.5834	0.4334	-6.	-1.e-002	-3.953e-003
73	0.6	0.45	-6.	-1.e-002	-3.953e-003
74	0.6001	0.4501	-6.	-1.e-002	-3.953e-003
75	0.6167	0.4667	-6.	-1.e-002	-3.953e-003
76	0.6168	0.4668	-6.01	-2.e-002	-7.905e-003
77	0.6333	0.4833	-5.99	0.	0.
78	0.6334	0.4834	-6.01	-2.e-002	-7.905e-003
79	0.65	0.5	-6.01	-2.e-002	-7.905e-003
80	0.6501	0.5001	-6.01	-2.e-002	-7.905e-003
81	0.6667	0.5167	-6.	-1.e-002	-3.953e-003
82	0.6668	0.5168	-6.	-1.e-002	-3.953e-003
83	0.6833	0.5333	-6.	-1.e-002	-3.953e-003
84	0.6834	0.5334	-5.99	0.	0.
85	0.7	0.55	-5.99	0.	0.
86	0.7001	0.5501	-5.98	1.e-002	3.953e-003
87	0.7167	0.5667	-5.99	0.	0.
88	0.7168	0.5668	-6.	-1.e-002	-3.953e-003
89	0.7333	0.5833	-5.99	0.	0.
90	0.7334	0.5834	-6.	-1.e-002	-3.953e-003
91	0.75	0.6	-6.	-1.e-002	-3.953e-003
92	0.7501	0.6001	-6.01	-2.e-002	-7.905e-003
93	0.7667	0.6167	-6.01	-2.e-002	-7.905e-003
94	0.7668	0.6168	-6.	-1.e-002	-3.953e-003
95	0.7833	0.6333	-6.	-1.e-002	-3.953e-003
96	0.7834	0.6334	-6.	-1.e-002	-3.953e-003
97	0.8	0.65	-6.	-1.e-002	-3.953e-003
98	0.8001	0.6501	-6.	-1.e-002	-3.953e-003

99	0.8167	0.6667	-6.01	-2.e-002	-7.905e-003
100	0.8167	0.6667	-6.	-1.e-002	-3.953e-003
101	0.8333	0.6833	-5.99	0.	0.
102	0.8334	0.6834	-5.99	0.	0.
103	0.85	0.7	-5.99	0.	0.
104	0.8501	0.7001	-5.99	0.	0.
105	0.8667	0.7167	-5.99	0.	0.
106	0.8667	0.7167	-5.99	0.	0.
107	0.8833	0.7333	-6.	-1.e-002	-3.953e-003
108	0.8834	0.7334	-5.98	1.e-002	3.953e-003
109	0.9	0.75	-5.99	0.	0.
110	0.9001	0.7501	-5.99	0.	0.
111	0.9167	0.7667	-5.99	0.	0.
112	0.9167	0.7667	-5.99	0.	0.
113	0.9333	0.7833	-6.	-1.e-002	-3.953e-003
114	0.9334	0.7834	-5.99	0.	0.
115	0.95	0.8	-6.01	-2.e-002	-7.905e-003
116	0.9501	0.8001	-5.99	0.	0.
117	0.9667	0.8167	-5.99	0.	0.
118	0.9667	0.8167	-6.	-1.e-002	-3.953e-003
119	0.9833	0.8333	-5.99	0.	0.
120	0.9834	0.8334	-6.01	-2.e-002	-7.905e-003
121	1.	0.85	-5.98	1.e-002	3.953e-003
122	1.	0.85	-6.	-1.e-002	-3.953e-003
123	1.017	0.867	-6.01	-2.e-002	-7.905e-003
124	1.017	0.867	-5.99	0.	0.
125	1.033	0.883	-6.01	-2.e-002	-7.905e-003
126	1.033	0.883	-6.01	-2.e-002	-7.905e-003
127	1.05	0.9	-6.02	-3.e-002	-1.186e-002
128	1.05	0.9	-5.99	0.	0.
129	1.067	0.917	-6.01	-2.e-002	-7.905e-003
130	1.067	0.917	-6.04	-5.e-002	-1.976e-002
131	1.083	0.933	-6.01	-2.e-002	-7.905e-003
132	1.083	0.933	-6.02	-3.e-002	-1.186e-002
133	1.1	0.95	-6.01	-2.e-002	-7.905e-003
134	1.1	0.95	-6.01	-2.e-002	-7.905e-003
135	1.117	0.967	-6.	-1.e-002	-3.953e-003
136	1.117	0.967	-6.	-1.e-002	-3.953e-003
137	1.133	0.983	-6.	-1.e-002	-3.953e-003
138	1.133	0.983	-6.02	-3.e-002	-1.186e-002
139	1.15	1.	-5.98	1.e-002	3.953e-003
140	1.15	1.	-6.01	-2.e-002	-7.905e-003
141	1.167	1.017	-6.01	-2.e-002	-7.905e-003
142	1.167	1.017	-6.02	-3.e-002	-1.186e-002
143	1.183	1.033	-6.02	-3.e-002	-1.186e-002
144	1.183	1.033	-6.02	-3.e-002	-1.186e-002
145	1.2	1.05	-5.99	0.	0.
146	1.2	1.05	-6.01	-2.e-002	-7.905e-003
147	1.217	1.067	-5.99	0.	0.
148	1.217	1.067	-6.01	-2.e-002	-7.905e-003
149	1.233	1.083	-6.02	-3.e-002	-1.186e-002
150	1.233	1.083	-6.02	-3.e-002	-1.186e-002
151	1.25	1.1	-6.03	-4.e-002	-1.581e-002
152	1.25	1.1	-6.02	-3.e-002	-1.186e-002
153	1.267	1.117	-6.01	-2.e-002	-7.905e-003
154	1.267	1.117	-6.01	-2.e-002	-7.905e-003
155	1.283	1.133	-6.01	-2.e-002	-7.905e-003
156	1.283	1.133	-6.02	-3.e-002	-1.186e-002
157	1.3	1.15	-5.98	1.e-002	3.953e-003
158	1.3	1.15	-6.01	-2.e-002	-7.905e-003
159	1.317	1.167	-6.02	-3.e-002	-1.186e-002
160	1.317	1.167	-6.01	-2.e-002	-7.905e-003

SI/SZ-2

161	1.333	1.183	-6.02	-3.e-002	-1.186e-002
162	1.333	1.183	-6.	-1.e-002	-3.953e-003
163	1.35	1.2	-5.98	1.e-002	3.953e-003
164	1.35	1.2	-6.01	-2.e-002	-7.905e-003
165	1.367	1.217	-6.01	-2.e-002	-7.905e-003
166	1.367	1.217	-6.01	-2.e-002	-7.905e-003
167	1.383	1.233	-6.02	-3.e-002	-1.186e-002
168	1.383	1.233	-6.01	-2.e-002	-7.905e-003
169	1.4	1.25	-6.01	-2.e-002	-7.905e-003
170	1.4	1.25	-6.02	-3.e-002	-1.186e-002
171	1.417	1.267	-6.02	-3.e-002	-1.186e-002
172	1.417	1.267	-6.02	-3.e-002	-1.186e-002
173	1.433	1.283	-5.99	0.	0.
174	1.433	1.283	-6.	-1.e-002	-3.953e-003
175	1.45	1.3	-5.99	0.	0.
176	1.45	1.3	-6.02	-3.e-002	-1.186e-002
177	1.467	1.317	-6.	-1.e-002	-3.953e-003
178	1.467	1.317	-5.98	1.e-002	3.953e-003
179	1.483	1.333	-5.99	0.	0.
180	1.483	1.333	-6.	-1.e-002	-3.953e-003
181	1.5	1.35	-6.	-1.e-002	-3.953e-003
182	1.5	1.35	-5.99	0.	0.
183	1.517	1.367	-6.02	-3.e-002	-1.186e-002
184	1.517	1.367	-6.	-1.e-002	-3.953e-003
185	1.533	1.383	-5.98	1.e-002	3.953e-003
186	1.533	1.383	-6.	-1.e-002	-3.953e-003
187	1.55	1.4	-6.01	-2.e-002	-7.905e-003
188	1.55	1.4	-6.02	-3.e-002	-1.186e-002
189	1.567	1.417	-6.02	-3.e-002	-1.186e-002
190	1.567	1.417	-6.02	-3.e-002	-1.186e-002
191	1.583	1.433	-5.99	0.	0.
192	1.583	1.433	-6.	-1.e-002	-3.953e-003
193	1.6	1.45	-6.01	-2.e-002	-7.905e-003
194	1.6	1.45	-6.01	-2.e-002	-7.905e-003
195	1.617	1.467	-6.	-1.e-002	-3.953e-003
196	1.617	1.467	-6.	-1.e-002	-3.953e-003
197	1.633	1.483	-6.02	-3.e-002	-1.186e-002
198	1.633	1.483	-5.98	1.e-002	3.953e-003
199	1.65	1.5	-5.98	1.e-002	3.953e-003
200	1.65	1.5	-5.99	0.	0.
201	1.667	1.517	-5.99	0.	0.
202	1.667	1.517	-6.	-1.e-002	-3.953e-003
203	1.683	1.533	-6.	-1.e-002	-3.953e-003
204	1.683	1.533	-6.01	-2.e-002	-7.905e-003
205	1.7	1.55	-6.01	-2.e-002	-7.905e-003
206	1.7	1.55	-6.02	-3.e-002	-1.186e-002
207	1.717	1.567	-5.98	1.e-002	3.953e-003
208	1.717	1.567	-6.02	-3.e-002	-1.186e-002
209	1.733	1.583	-6.02	-3.e-002	-1.186e-002
210	1.733	1.583	-6.01	-2.e-002	-7.905e-003
211	1.75	1.6	-5.99	0.	0.
212	1.75	1.6	-6.	-1.e-002	-3.953e-003
213	1.767	1.617	-6.	-1.e-002	-3.953e-003
214	1.767	1.617	-6.01	-2.e-002	-7.905e-003
215	1.783	1.633	-6.01	-2.e-002	-7.905e-003
216	1.783	1.633	-6.01	-2.e-002	-7.905e-003
217	1.8	1.65	-6.01	-2.e-002	-7.905e-003
218	1.8	1.65	-6.	-1.e-002	-3.953e-003
219	1.817	1.667	-6.01	-2.e-002	-7.905e-003
220	1.817	1.667	-6.01	-2.e-002	-7.905e-003
221	1.833	1.683	-6.02	-3.e-002	-1.186e-002
222	1.833	1.683	-6.	-1.e-002	-3.953e-003

223	1.85	1.7	-6.	-1.e-002	-3.953e-003
224	1.85	1.7	-6.01	-2.e-002	-7.905e-003
225	1.867	1.717	-6.02	-3.e-002	-1.186e-002
226	1.867	1.717	-6.01	-2.e-002	-7.905e-003
227	1.883	1.733	-6.02	-3.e-002	-1.186e-002
228	1.883	1.733	-6.01	-2.e-002	-7.905e-003
229	1.9	1.75	-6.02	-3.e-002	-1.186e-002
230	1.9	1.75	-6.01	-2.e-002	-7.905e-003
231	1.917	1.767	-6.01	-2.e-002	-7.905e-003
232	1.917	1.767	-6.02	-3.e-002	-1.186e-002
233	1.933	1.783	-6.02	-3.e-002	-1.186e-002
234	1.933	1.783	-6.01	-2.e-002	-7.905e-003
235	1.95	1.8	-6.02	-3.e-002	-1.186e-002
236	1.95	1.8	-6.02	-3.e-002	-1.186e-002
237	1.967	1.817	-6.02	-3.e-002	-1.186e-002
238	1.967	1.817	-6.01	-2.e-002	-7.905e-003
239	1.983	1.833	-6.01	-2.e-002	-7.905e-003
240	1.983	1.833	-5.97	2.e-002	7.905e-003
241	2.	1.85	-6.01	-2.e-002	-7.905e-003
242	2.	1.85	-6.	-1.e-002	-3.953e-003
243	2.017	1.867	-5.99	0.	0.
244	2.017	1.867	-5.99	0.	0.
245	2.033	1.883	-6.	-1.e-002	-3.953e-003
246	2.033	1.883	-6.01	-2.e-002	-7.905e-003
247	2.05	1.9	-6.01	-2.e-002	-7.905e-003
248	2.05	1.9	-5.98	1.e-002	3.953e-003
249	2.067	1.917	-5.99	0.	0.
250	2.067	1.917	-6.02	-3.e-002	-1.186e-002
251	2.083	1.933	-6.02	-3.e-002	-1.186e-002
252	2.083	1.933	-6.03	-4.e-002	-1.581e-002
253	2.1	1.95	-6.02	-3.e-002	-1.186e-002
254	2.1	1.95	-6.01	-2.e-002	-7.905e-003
255	2.117	1.967	-6.02	-3.e-002	-1.186e-002
256	2.117	1.967	-6.	-1.e-002	-3.953e-003
257	2.133	1.983	-6.	-1.e-002	-3.953e-003
258	2.133	1.983	-6.02	-3.e-002	-1.186e-002
259	2.15	2.	-6.02	-3.e-002	-1.186e-002
260	2.15	2.	-6.	-1.e-002	-3.953e-003
261	2.167	2.017	-6.02	-3.e-002	-1.186e-002
262	2.167	2.017	-6.01	-2.e-002	-7.905e-003
263	2.183	2.033	-6.01	-2.e-002	-7.905e-003
264	2.183	2.033	-6.02	-3.e-002	-1.186e-002
265	2.2	2.05	-6.01	-2.e-002	-7.905e-003
266	2.2	2.05	-6.01	-2.e-002	-7.905e-003
267	2.217	2.067	-6.02	-3.e-002	-1.186e-002
268	2.217	2.067	-6.02	-3.e-002	-1.186e-002
269	2.233	2.083	-6.02	-3.e-002	-1.186e-002
270	2.233	2.083	-6.01	-2.e-002	-7.905e-003
271	2.25	2.1	-6.02	-3.e-002	-1.186e-002
272	2.25	2.1	-6.	-1.e-002	-3.953e-003
273	2.267	2.117	-6.02	-3.e-002	-1.186e-002
274	2.267	2.117	-6.02	-3.e-002	-1.186e-002
275	2.283	2.133	-6.02	-3.e-002	-1.186e-002
276	2.283	2.133	-6.02	-3.e-002	-1.186e-002
277	2.3	2.15	-6.02	-3.e-002	-1.186e-002
278	2.3	2.15	-6.02	-3.e-002	-1.186e-002
279	2.317	2.167	-6.02	-3.e-002	-1.186e-002
280	2.317	2.167	-6.02	-3.e-002	-1.186e-002
281	2.333	2.183	-6.02	-3.e-002	-1.186e-002
282	2.333	2.183	-6.02	-3.e-002	-1.186e-002
283	2.35	2.2	-6.02	-3.e-002	-1.186e-002
284	2.35	2.2	-6.02	-3.e-002	-1.186e-002

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285	2.367	2.217	-6.03	-4.e-002	-1.581e-002
286	2.367	2.217	-6.01	-2.e-002	-7.905e-003
287	2.383	2.233	-6.01	-2.e-002	-7.905e-003
288	2.383	2.233	-6.02	-3.e-002	-1.186e-002
289	2.4	2.25	-6.02	-3.e-002	-1.186e-002
290	2.4	2.25	-6.02	-3.e-002	-1.186e-002
291	2.417	2.267	-6.02	-3.e-002	-1.186e-002
292	2.417	2.267	-6.02	-3.e-002	-1.186e-002
293	2.433	2.283	-6.03	-4.e-002	-1.581e-002
294	2.433	2.283	-6.02	-3.e-002	-1.186e-002
295	2.45	2.3	-6.02	-3.e-002	-1.186e-002
296	2.45	2.3	-6.02	-3.e-002	-1.186e-002
297	2.467	2.317	-6.02	-3.e-002	-1.186e-002
298	2.467	2.317	-6.02	-3.e-002	-1.186e-002
299	2.483	2.333	-6.02	-3.e-002	-1.186e-002
300	2.483	2.333	-6.02	-3.e-002	-1.186e-002
301	2.5	2.35	-6.02	-3.e-002	-1.186e-002
302	2.5	2.35	-6.02	-3.e-002	-1.186e-002
303	2.517	2.367	-6.	-1.e-002	-3.953e-003
304	2.517	2.367	-6.	-1.e-002	-3.953e-003
305	2.533	2.383	-6.02	-3.e-002	-1.186e-002
306	2.533	2.383	-6.01	-2.e-002	-7.905e-003
307	2.55	2.4	-6.02	-3.e-002	-1.186e-002
308	2.55	2.4	-6.01	-2.e-002	-7.905e-003
309	2.567	2.417	-6.02	-3.e-002	-1.186e-002
310	2.567	2.417	-6.02	-3.e-002	-1.186e-002
311	2.583	2.433	-5.99	0.	0.
312	2.583	2.433	-6.02	-3.e-002	-1.186e-002
313	2.6	2.45	-6.02	-3.e-002	-1.186e-002
314	2.6	2.45	-6.03	-4.e-002	-1.581e-002
315	2.617	2.467	-6.01	-2.e-002	-7.905e-003
316	2.617	2.467	-6.02	-3.e-002	-1.186e-002
317	2.633	2.483	-6.02	-3.e-002	-1.186e-002
318	2.633	2.483	-5.99	0.	0.
319	2.65	2.5	-6.02	-3.e-002	-1.186e-002
320	2.65	2.5	-6.02	-3.e-002	-1.186e-002
321	2.667	2.517	-6.01	-2.e-002	-7.905e-003
322	2.667	2.517	-6.02	-3.e-002	-1.186e-002
323	2.683	2.533	-6.02	-3.e-002	-1.186e-002
324	2.683	2.533	-6.	-1.e-002	-3.953e-003
325	2.7	2.55	-6.02	-3.e-002	-1.186e-002
326	2.7	2.55	-6.02	-3.e-002	-1.186e-002
327	2.717	2.567	-6.01	-2.e-002	-7.905e-003
328	2.717	2.567	-6.02	-3.e-002	-1.186e-002
329	2.733	2.583	-6.01	-2.e-002	-7.905e-003
330	2.733	2.583	-6.	-1.e-002	-3.953e-003
331	2.75	2.6	-6.02	-3.e-002	-1.186e-002
332	2.75	2.6	-6.	-1.e-002	-3.953e-003
333	2.767	2.617	-6.01	-2.e-002	-7.905e-003
334	2.767	2.617	-6.02	-3.e-002	-1.186e-002
335	2.783	2.633	-6.02	-3.e-002	-1.186e-002
336	2.783	2.633	-6.01	-2.e-002	-7.905e-003
337	2.8	2.65	-6.02	-3.e-002	-1.186e-002
338	2.8	2.65	-6.01	-2.e-002	-7.905e-003
339	2.817	2.667	-6.01	-2.e-002	-7.905e-003
340	2.817	2.667	-6.01	-2.e-002	-7.905e-003
341	2.833	2.683	-6.01	-2.e-002	-7.905e-003
342	2.833	2.683	-6.01	-2.e-002	-7.905e-003
343	2.85	2.7	-6.01	-2.e-002	-7.905e-003
344	2.85	2.7	-5.99	0.	0.
345	2.867	2.717	-6.01	-2.e-002	-7.905e-003
346	2.867	2.717	-6.01	-2.e-002	-7.905e-003

347	2.883	2.733	-6.	-1.e-002	-3.953e-003
348	2.883	2.733	-6.01	-2.e-002	-7.905e-003
349	2.9	2.75	-6.01	-2.e-002	-7.905e-003
350	2.9	2.75	-6.02	-3.e-002	-1.186e-002
351	2.917	2.767	-6.02	-3.e-002	-1.186e-002
352	2.917	2.767	-6.01	-2.e-002	-7.905e-003
353	2.933	2.783	-6.02	-3.e-002	-1.186e-002
354	2.933	2.783	-6.01	-2.e-002	-7.905e-003
355	2.95	2.8	-6.01	-2.e-002	-7.905e-003
356	2.95	2.8	-6.02	-3.e-002	-1.186e-002
357	2.967	2.817	-5.99	0.	0.
358	2.967	2.817	-6.01	-2.e-002	-7.905e-003
359	2.983	2.833	-5.99	0.	0.
360	2.983	2.833	-6.02	-3.e-002	-1.186e-002
361	3.	2.85	-6.02	-3.e-002	-1.186e-002
362	3.	2.85	-6.02	-3.e-002	-1.186e-002
363	3.017	2.867	-6.01	-2.e-002	-7.905e-003
364	3.017	2.867	-6.02	-3.e-002	-1.186e-002
365	3.033	2.883	-6.03	-4.e-002	-1.581e-002
366	3.033	2.883	-6.02	-3.e-002	-1.186e-002
367	3.05	2.9	-6.01	-2.e-002	-7.905e-003
368	3.05	2.9	-6.01	-2.e-002	-7.905e-003
369	3.067	2.917	-6.01	-2.e-002	-7.905e-003
370	3.067	2.917	-6.01	-2.e-002	-7.905e-003
371	3.083	2.933	-6.01	-2.e-002	-7.905e-003
372	3.083	2.933	-6.02	-3.e-002	-1.186e-002
373	3.1	2.95	-6.01	-2.e-002	-7.905e-003
374	3.1	2.95	-6.01	-2.e-002	-7.905e-003
375	3.117	2.967	-6.01	-2.e-002	-7.905e-003
376	3.117	2.967	-6.01	-2.e-002	-7.905e-003
377	3.133	2.983	-6.01	-2.e-002	-7.905e-003
378	3.133	2.983	-6.02	-3.e-002	-1.186e-002
379	3.15	3.	-6.01	-2.e-002	-7.905e-003
380	3.15	3.	-6.01	-2.e-002	-7.905e-003
381	3.167	3.017	-6.01	-2.e-002	-7.905e-003
382	3.167	3.017	-6.01	-2.e-002	-7.905e-003
383	3.183	3.033	-5.99	0.	0.
384	3.183	3.033	-6.02	-3.e-002	-1.186e-002
385	3.2	3.05	-6.02	-3.e-002	-1.186e-002
386	3.2	3.05	-6.01	-2.e-002	-7.905e-003
387	3.217	3.067	-6.02	-3.e-002	-1.186e-002
388	3.217	3.067	-6.03	-4.e-002	-1.581e-002
389	3.233	3.083	-6.02	-3.e-002	-1.186e-002
390	3.233	3.083	-6.01	-2.e-002	-7.905e-003
391	3.25	3.1	-6.02	-3.e-002	-1.186e-002
392	3.25	3.1	-6.02	-3.e-002	-1.186e-002
393	3.267	3.117	-6.01	-2.e-002	-7.905e-003
394	3.267	3.117	-6.03	-4.e-002	-1.581e-002
395	3.283	3.133	-6.01	-2.e-002	-7.905e-003
396	3.283	3.133	-6.01	-2.e-002	-7.905e-003
397	3.3	3.15	-6.	-1.e-002	-3.953e-003
398	3.3	3.15	-6.01	-2.e-002	-7.905e-003
399	3.317	3.167	-6.02	-3.e-002	-1.186e-002
400	3.317	3.167	-6.02	-3.e-002	-1.186e-002
401	3.333	3.183	-6.01	-2.e-002	-7.905e-003
402	3.333	3.183	-6.01	-2.e-002	-7.905e-003
403	3.35	3.2	-6.01	-2.e-002	-7.905e-003
404	3.35	3.2	-6.01	-2.e-002	-7.905e-003
405	3.367	3.217	-6.01	-2.e-002	-7.905e-003
406	3.367	3.217	-6.	-1.e-002	-3.953e-003
407	3.383	3.233	-6.01	-2.e-002	-7.905e-003
408	3.383	3.233	-6.01	-2.e-002	-7.905e-003

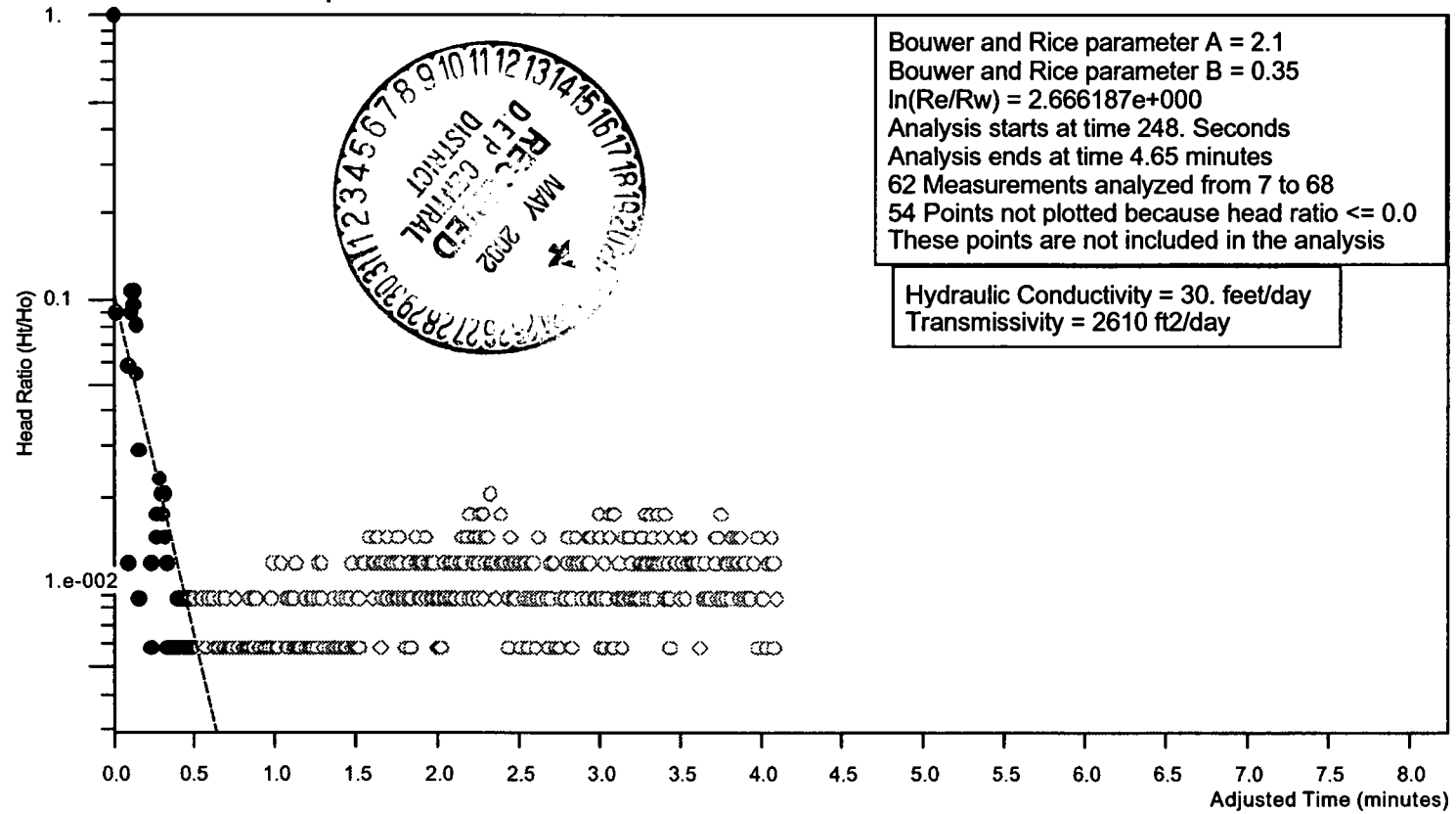
409	3.4	3.25	-6.	-1.e-002	-3.953e-003
410	3.4	3.25	-6.01	-2.e-002	-7.905e-003
411	3.417	3.267	-6.02	-3.e-002	-1.186e-002
412	3.417	3.267	-6.01	-2.e-002	-7.905e-003
413	3.433	3.283	-6.01	-2.e-002	-7.905e-003
414	3.433	3.283	-6.02	-3.e-002	-1.186e-002
415	3.45	3.3	-6.01	-2.e-002	-7.905e-003
416	3.45	3.3	-6.01	-2.e-002	-7.905e-003
417	3.467	3.317	-6.	-1.e-002	-3.953e-003
418	3.467	3.317	-6.	-1.e-002	-3.953e-003
419	3.483	3.333	-6.01	-2.e-002	-7.905e-003
420	3.483	3.333	-6.02	-3.e-002	-1.186e-002
421	3.5	3.35	-6.01	-2.e-002	-7.905e-003
422	3.5	3.35	-6.01	-2.e-002	-7.905e-003
423	3.517	3.367	-5.98	1.e-002	3.953e-003
424	3.517	3.367	-6.01	-2.e-002	-7.905e-003
425	3.533	3.383	-6.01	-2.e-002	-7.905e-003
426	3.533	3.383	-6.01	-2.e-002	-7.905e-003
427	3.55	3.4	-5.99	0.	0.
428	3.55	3.4	-6.02	-3.e-002	-1.186e-002
429	3.567	3.417	-6.02	-3.e-002	-1.186e-002
430	3.567	3.417	-5.99	0.	0.
431	3.583	3.433	-6.01	-2.e-002	-7.905e-003
432	3.583	3.433	-6.01	-2.e-002	-7.905e-003
433	3.6	3.45	-6.01	-2.e-002	-7.905e-003
434	3.6	3.45	-5.99	0.	0.
435	3.617	3.467	-6.01	-2.e-002	-7.905e-003
436	3.617	3.467	-6.01	-2.e-002	-7.905e-003
437	3.633	3.483	-6.01	-2.e-002	-7.905e-003
438	3.633	3.483	-6.01	-2.e-002	-7.905e-003
439	3.65	3.5	-6.01	-2.e-002	-7.905e-003
440	3.65	3.5	-6.01	-2.e-002	-7.905e-003
441	3.667	3.517	-6.01	-2.e-002	-7.905e-003
442	3.667	3.517	-6.	-1.e-002	-3.953e-003
443	3.683	3.533	-5.99	0.	0.
444	3.683	3.533	-6.02	-3.e-002	-1.186e-002
445	3.7	3.55	-6.02	-3.e-002	-1.186e-002
446	3.7	3.55	-6.01	-2.e-002	-7.905e-003
447	3.717	3.567	-6.	-1.e-002	-3.953e-003
448	3.717	3.567	-6.	-1.e-002	-3.953e-003
449	3.733	3.583	-6.01	-2.e-002	-7.905e-003
450	3.733	3.583	-6.02	-3.e-002	-1.186e-002
451	3.75	3.6	-6.01	-2.e-002	-7.905e-003
452	3.75	3.6	-6.02	-3.e-002	-1.186e-002
453	3.767	3.617	-6.01	-2.e-002	-7.905e-003
454	3.767	3.617	-6.02	-3.e-002	-1.186e-002
455	3.783	3.633	-6.02	-3.e-002	-1.186e-002
456	3.783	3.633	-6.03	-4.e-002	-1.581e-002
457	3.8	3.65	-6.03	-4.e-002	-1.581e-002
458	3.8	3.65	-6.02	-3.e-002	-1.186e-002
459	3.817	3.667	-6.02	-3.e-002	-1.186e-002
460	3.817	3.667	-6.02	-3.e-002	-1.186e-002
461	3.833	3.683	-6.03	-4.e-002	-1.581e-002
462	3.833	3.683	-6.01	-2.e-002	-7.905e-003
463	3.85	3.7	-6.03	-4.e-002	-1.581e-002
464	3.85	3.7	-6.03	-4.e-002	-1.581e-002
465	3.867	3.717	-6.03	-4.e-002	-1.581e-002
466	3.867	3.717	-6.04	-5.e-002	-1.976e-002
467	3.883	3.733	-6.02	-3.e-002	-1.186e-002
468	3.883	3.733	-6.	-1.e-002	-3.953e-003
469	3.9	3.75	-6.02	-3.e-002	-1.186e-002
470	3.9	3.75	-6.02	-3.e-002	-1.186e-002

471	3.917	3.767	-6.02	-3.e-002	-1.186e-002
472	3.917	3.767	-6.02	-3.e-002	-1.186e-002
473	3.933	3.783	-6.02	-3.e-002	-1.186e-002
474	3.933	3.783	-6.02	-3.e-002	-1.186e-002
475	3.95	3.8	-6.03	-4.e-002	-1.581e-002
476	3.95	3.8	-6.02	-3.e-002	-1.186e-002
477	3.967	3.817	-6.02	-3.e-002	-1.186e-002
478	3.967	3.817	-6.03	-4.e-002	-1.581e-002
479	3.983	3.833	-6.02	-3.e-002	-1.186e-002
480	3.983	3.833	-6.02	-3.e-002	-1.186e-002
481	4.	3.85	-6.	-1.e-002	-3.953e-003
482	4.	3.85	-6.	-1.e-002	-3.953e-003
483	4.017	3.867	-6.02	-3.e-002	-1.186e-002
484	4.017	3.867	-6.02	-3.e-002	-1.186e-002
485	4.033	3.883	-6.01	-2.e-002	-7.905e-003
486	4.033	3.883	-6.02	-3.e-002	-1.186e-002
487	4.05	3.9	-6.02	-3.e-002	-1.186e-002
488	4.05	3.9	-6.01	-2.e-002	-7.905e-003
489	4.067	3.917	-6.03	-4.e-002	-1.581e-002
490	4.067	3.917	-6.03	-4.e-002	-1.581e-002
491	4.083	3.933	-6.02	-3.e-002	-1.186e-002
492	4.083	3.933	-6.01	-2.e-002	-7.905e-003
493	4.1	3.95	-6.02	-3.e-002	-1.186e-002
494	4.1	3.95	-6.01	-2.e-002	-7.905e-003
495	4.117	3.967	-6.	-1.e-002	-3.953e-003
496	4.117	3.967	-6.02	-3.e-002	-1.186e-002

SI | SZ-2

Slugtest - Slugout - SZ-2 12/1/01

Oak Hammock Holopaw, Florida

Bouwer and Rice Graph**SZ-2**

Project Number: 48OH01 for OMNI Waste

Analysis by Starpoint Software

 H_o is 3.49 feet at 248. Seconds

Slugtest - Slugout - SZ-2

Site Name: Oak Hammock
 Location: Holopaw, Florida
 Test Date: 12/1/01
 Client: OMNI Waste
 Project Number: 48OH01
 Import File: C:\and SettingsRosseter.PCLAPTOPDataCompensated.lev

Well Label: SZ-2
 Aquifer Thickness: 87. feet
 Screen Length: 5. feet
 Casing Radius: 1. Inches
 Effective Radius: 3. Inches
 Static Water Level: -5.99 feet
 Water Table to Screen Bottom: 69.33 feet
 Anisotropy Ratio: 1.
 Time Adjustment: 248. Seconds
 Test starts with trial 5
 There are 498 time and drawdown measurements
 Maximum head is 3.69 feet
 Minimum head is -0.91 feet

Trial	Time (minutes)	Adjusted Time (minutes)	Drawdown (feet)	Head (feet)	Head Ratio
1	4.083	-5.e-002 -6.01	2.e-002	5.42e-003	
2	4.1	-3.3e-002	-6.02	3.e-002	8.13e-003
3	4.1	-3.3e-002	-6.01	2.e-002	5.42e-003
4	4.117	-1.6e-002	-6.	1.e-002	2.71e-003
5	4.117	-1.6e-002	-6.02	3.e-002	8.13e-003
6	4.133	0. -9.68	3.69	1.	
7	4.133	0. -9.48	3.49	0.9458	
8	4.15	1.7e-002 -6.3	0.31	8.401e-002	
9	4.15	1.7e-002 -5.79	-0.2	-5.42e-002	
10	4.167	3.4e-002 -5.38	-0.61	-0.1653	
11	4.167	3.4e-002 -5.16	-0.83	-0.2249	
12	4.183	5.e-002 -5.08	-0.91	-0.2466	
13	4.183	5.e-002 -5.11	-0.88	-0.2385	
14	4.2	6.7e-002 -5.24	-0.75	-0.2033	
15	4.2	6.7e-002 -5.4	-0.59	-0.1599	
16	4.217	8.4e-002 -5.63	-0.36	-9.756e-002	
17	4.217	8.4e-002 -5.84	-0.15	-4.065e-002	
18	4.233	1.e-001 -6.03	4.e-002	1.084e-002	
19	4.233	1.e-001 -6.19	0.2	5.42e-002	
20	4.25	0.117 -6.3	0.31	8.401e-002	
21	4.25	0.117 -6.36	0.37	0.1003	
22	4.267	0.134 -6.36	0.37	0.1003	
23	4.267	0.134 -6.32	0.33	8.943e-002	
24	4.283	0.15 -6.27	0.28	7.588e-002	
25	4.283	0.15 -6.18	0.19	5.149e-002	
26	4.3	0.167 -6.09	1.e-001	2.71e-002	
27	4.3	0.167 -6.02	3.e-002	8.13e-003	
28	4.317	0.184 -5.98	-1.e-002	-2.71e-003	
29	4.317	0.184 -5.94	-5.e-002	-1.355e-002	
30	4.333	0.2 -5.91	-8.e-002	-2.168e-002	
31	4.333	0.2 -5.9	-9.e-002	-2.439e-002	
32	4.35	0.217 -5.89	-0.1	-2.71e-002	
33	4.35	0.217 -5.92	-7.e-002	-1.897e-002	
34	4.367	0.234 -5.94	-5.e-002	-1.355e-002	
35	4.367	0.234 -5.97	-2.e-002	-5.42e-003	
36	4.383	0.25 -6.01	2.e-002	5.42e-003	

37	4.383	0.25	-6.03	4.e-002	1.084e-002
38	4.4	0.267	-6.05	6.e-002	1.626e-002
39	4.4	0.267	-6.04	5.e-002	1.355e-002
40	4.417	0.284	-6.07	8.e-002	2.168e-002
41	4.417	0.284	-6.07	8.e-002	2.168e-002
42	4.433	0.3	-6.05	6.e-002	1.626e-002
43	4.433	0.3	-6.06	7.e-002	1.897e-002
44	4.45	0.317	-6.06	7.e-002	1.897e-002
45	4.45	0.317	-6.04	5.e-002	1.355e-002
46	4.467	0.334	-6.03	4.e-002	1.084e-002
47	4.467	0.334	-6.01	2.e-002	5.42e-003
48	4.483	0.35	-6.	1.e-002	2.71e-003
49	4.483	0.35	-6.01	2.e-002	5.42e-003
50	4.5	0.367	-6.01	2.e-002	5.42e-003
51	4.5	0.367	-6.01	2.e-002	5.42e-003
52	4.517	0.384	-6.01	2.e-002	5.42e-003
53	4.517	0.384	-6.01	2.e-002	5.42e-003
54	4.533	0.4	-6.01	2.e-002	5.42e-003
55	4.533	0.4	-6.02	3.e-002	8.13e-003
56	4.55	0.417	-6.02	3.e-002	8.13e-003
57	4.55	0.417	-6.01	2.e-002	5.42e-003
58	4.567	0.434	-6.02	3.e-002	8.13e-003
59	4.567	0.434	-6.	1.e-002	2.71e-003
60	4.583	0.45	-6.01	2.e-002	5.42e-003
61	4.583	0.45	-6.02	3.e-002	8.13e-003
62	4.6	0.467	-6.02	3.e-002	8.13e-003
63	4.6	0.467	-6.01	2.e-002	5.42e-003
64	4.617	0.484	-6.02	3.e-002	8.13e-003
65	4.617	0.484	-6.01	2.e-002	5.42e-003
66	4.633	0.5	-6.01	2.e-002	5.42e-003
67	4.633	0.5	-6.01	2.e-002	5.42e-003
68	4.65	0.517	-6.	1.e-002	2.71e-003
69	4.65	0.517	-6.02	3.e-002	8.13e-003
70	4.667	0.534	-6.01	2.e-002	5.42e-003
71	4.667	0.534	-6.02	3.e-002	8.13e-003
72	4.683	0.55	-5.99	0.	0.
73	4.683	0.55	-6.02	3.e-002	8.13e-003
74	4.7	0.567	-6.01	2.e-002	5.42e-003
75	4.7	0.567	-5.99	0.	0.
76	4.717	0.584	-6.02	3.e-002	8.13e-003
77	4.717	0.584	-6.02	3.e-002	8.13e-003
78	4.733	0.6	-5.99	0.	0.
79	4.733	0.6	-6.02	3.e-002	8.13e-003
80	4.75	0.617	-6.02	3.e-002	8.13e-003
81	4.75	0.617	-6.02	3.e-002	8.13e-003
82	4.767	0.634	-6.01	2.e-002	5.42e-003
83	4.767	0.634	-6.01	2.e-002	5.42e-003
84	4.783	0.65	-6.01	2.e-002	5.42e-003
85	4.783	0.65	-6.01	2.e-002	5.42e-003
86	4.8	0.667	-6.02	3.e-002	8.13e-003
87	4.8	0.667	-6.02	3.e-002	8.13e-003
88	4.817	0.684	-6.01	2.e-002	5.42e-003
89	4.817	0.684	-6.01	2.e-002	5.42e-003
90	4.833	0.7	-6.02	3.e-002	8.13e-003
91	4.833	0.7	-6.01	2.e-002	5.42e-003
92	4.85	0.717	-6.01	2.e-002	5.42e-003
93	4.85	0.717	-6.01	2.e-002	5.42e-003
94	4.867	0.734	-6.01	2.e-002	5.42e-003
95	4.867	0.734	-6.	1.e-002	2.71e-003
96	4.883	0.75	-6.01	2.e-002	5.42e-003
97	4.883	0.75	-5.98	-1.e-002	-2.71e-003
98	4.9	0.767	-6.02	3.e-002	8.13e-003

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99	4.9	0.767	-5.98	-1.e-002	-2.71e-003
100	4.917	0.784	-6.01	2.e-002	5.42e-003
101	4.917	0.784	-6.	1.e-002	2.71e-003
102	4.933	0.8	-6.	1.e-002	2.71e-003
103	4.933	0.8	-6.01	2.e-002	5.42e-003
104	4.95	0.817	-6.01	2.e-002	5.42e-003
105	4.95	0.817	-6.	1.e-002	2.71e-003
106	4.967	0.834	-6.	1.e-002	2.71e-003
107	4.967	0.834	-6.01	2.e-002	5.42e-003
108	4.983	0.85	-6.02	3.e-002	8.13e-003
109	4.983	0.85	-6.01	2.e-002	5.42e-003
110	5.	0.867	-6.02	3.e-002	8.13e-003
111	5.	0.867	-6.01	2.e-002	5.42e-003
112	5.017	0.884	-6.02	3.e-002	8.13e-003
113	5.017	0.884	-6.02	3.e-002	8.13e-003
114	5.033	0.9	-6.	1.e-002	2.71e-003
115	5.033	0.9	-6.01	2.e-002	5.42e-003
116	5.05	0.917	-6.	1.e-002	2.71e-003
117	5.05	0.917	-6.01	2.e-002	5.42e-003
118	5.067	0.934	-6.01	2.e-002	5.42e-003
119	5.067	0.934	-6.01	2.e-002	5.42e-003
120	5.083	0.95	-6.01	2.e-002	5.42e-003
121	5.083	0.95	-6.	1.e-002	2.71e-003
122	5.1	0.967	-6.01	2.e-002	5.42e-003
123	5.1	0.967	-6.01	2.e-002	5.42e-003
124	5.117	0.984	-6.02	3.e-002	8.13e-003
125	5.117	0.984	-6.02	3.e-002	8.13e-003
126	5.133	1.	-6.01	2.e-002	5.42e-003
127	5.133	1.	-6.03	4.e-002	1.084e-002
128	5.15	1.017	-5.94	-5.e-002	-1.355e-002
129	5.15	1.017	-6.01	2.e-002	5.42e-003
130	5.167	1.034	-6.01	2.e-002	5.42e-003
131	5.167	1.034	-6.	1.e-002	2.71e-003
132	5.183	1.05	-6.	1.e-002	2.71e-003
133	5.183	1.05	-6.03	4.e-002	1.084e-002
134	5.2	1.067	-6.01	2.e-002	5.42e-003
135	5.2	1.067	-6.02	3.e-002	8.13e-003
136	5.217	1.084	-6.02	3.e-002	8.13e-003
137	5.217	1.084	-6.01	2.e-002	5.42e-003
138	5.233	1.1	-6.02	3.e-002	8.13e-003
139	5.233	1.1	-5.98	-1.e-002	-2.71e-003
140	5.25	1.117	-6.01	2.e-002	5.42e-003
141	5.25	1.117	-6.02	3.e-002	8.13e-003
142	5.267	1.134	-6.03	4.e-002	1.084e-002
143	5.267	1.134	-6.01	2.e-002	5.42e-003
144	5.283	1.15	-6.01	2.e-002	5.42e-003
145	5.283	1.15	-5.99	0.	0.
146	5.3	1.167	-6.01	2.e-002	5.42e-003
147	5.3	1.167	-6.	1.e-002	2.71e-003
148	5.317	1.184	-6.02	3.e-002	8.13e-003
149	5.317	1.184	-6.02	3.e-002	8.13e-003
150	5.333	1.2	-6.01	2.e-002	5.42e-003
151	5.333	1.2	-6.02	3.e-002	8.13e-003
152	5.35	1.217	-6.01	2.e-002	5.42e-003
153	5.35	1.217	-6.01	2.e-002	5.42e-003
154	5.367	1.234	-6.02	3.e-002	8.13e-003
155	5.367	1.234	-6.01	2.e-002	5.42e-003
156	5.383	1.25	-6.02	3.e-002	8.13e-003
157	5.383	1.25	-6.01	2.e-002	5.42e-003
158	5.4	1.267	-6.01	2.e-002	5.42e-003
159	5.4	1.267	-5.97	-2.e-002	-5.42e-003
160	5.417	1.284	-6.02	3.e-002	8.13e-003

161	5.417	1.284	-6.03	4.e-002	1.084e-002
162	5.433	1.3	-6.03	4.e-002	1.084e-002
163	5.433	1.3	-6.02	3.e-002	8.13e-003
164	5.45	1.317	-6.01	2.e-002	5.42e-003
165	5.45	1.317	-6.01	2.e-002	5.42e-003
166	5.467	1.334	-6.01	2.e-002	5.42e-003
167	5.467	1.334	-6.01	2.e-002	5.42e-003
168	5.483	1.35	-6.01	2.e-002	5.42e-003
169	5.483	1.35	-6.01	2.e-002	5.42e-003
170	5.5	1.367	-6.02	3.e-002	8.13e-003
171	5.5	1.367	-6.01	2.e-002	5.42e-003
172	5.517	1.384	-6.01	2.e-002	5.42e-003
173	5.517	1.384	-6.01	2.e-002	5.42e-003
174	5.533	1.4	-5.99	0.	0.
175	5.533	1.4	-6.01	2.e-002	5.42e-003
176	5.55	1.417	-6.02	3.e-002	8.13e-003
177	5.55	1.417	-6.01	2.e-002	5.42e-003
178	5.567	1.434	-6.01	2.e-002	5.42e-003
179	5.567	1.434	-6.01	2.e-002	5.42e-003
180	5.583	1.45	-6.01	2.e-002	5.42e-003
181	5.583	1.45	-6.02	3.e-002	8.13e-003
182	5.6	1.467	-6.02	3.e-002	8.13e-003
183	5.6	1.467	-6.	1.e-002	2.71e-003
184	5.617	1.484	-6.01	2.e-002	5.42e-003
185	5.617	1.484	-6.03	4.e-002	1.084e-002
186	5.633	1.5	-6.01	2.e-002	5.42e-003
187	5.633	1.5	-6.01	2.e-002	5.42e-003
188	5.65	1.517	-6.02	3.e-002	8.13e-003
189	5.65	1.517	-6.01	2.e-002	5.42e-003
190	5.667	1.534	-6.02	3.e-002	8.13e-003
191	5.667	1.534	-6.01	2.e-002	5.42e-003
192	5.683	1.55	-6.03	4.e-002	1.084e-002
193	5.683	1.55	-6.03	4.e-002	1.084e-002
194	5.7	1.567	-6.03	4.e-002	1.084e-002
195	5.7	1.567	-6.03	4.e-002	1.084e-002
196	5.717	1.584	-6.	1.e-002	2.71e-003
197	5.717	1.584	-6.04	5.e-002	1.355e-002
198	5.733	1.6	-6.03	4.e-002	1.084e-002
199	5.733	1.6	-6.02	3.e-002	8.13e-003
200	5.75	1.617	-6.03	4.e-002	1.084e-002
201	5.75	1.617	-6.03	4.e-002	1.084e-002
202	5.767	1.634	-6.04	5.e-002	1.355e-002
203	5.767	1.634	-6.04	5.e-002	1.355e-002
204	5.783	1.65	-6.03	4.e-002	1.084e-002
205	5.783	1.65	-6.01	2.e-002	5.42e-003
206	5.8	1.667	-6.02	3.e-002	8.13e-003
207	5.8	1.667	-6.03	4.e-002	1.084e-002
208	5.817	1.684	-6.03	4.e-002	1.084e-002
209	5.817	1.684	-6.02	3.e-002	8.13e-003
210	5.833	1.7	-6.04	5.e-002	1.355e-002
211	5.833	1.7	-6.02	3.e-002	8.13e-003
212	5.85	1.717	-6.03	4.e-002	1.084e-002
213	5.85	1.717	-6.03	4.e-002	1.084e-002
214	5.867	1.734	-6.03	4.e-002	1.084e-002
215	5.867	1.734	-6.02	3.e-002	8.13e-003
216	5.883	1.75	-6.03	4.e-002	1.084e-002
217	5.883	1.75	-6.02	3.e-002	8.13e-003
218	5.9	1.767	-6.04	5.e-002	1.355e-002
219	5.9	1.767	-6.02	3.e-002	8.13e-003
220	5.917	1.784	-6.03	4.e-002	1.084e-002
221	5.917	1.784	-6.03	4.e-002	1.084e-002
222	5.933	1.8	-6.02	3.e-002	8.13e-003

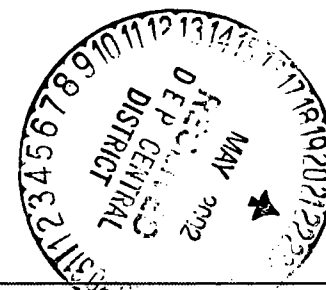
223	5.933	1.8	-6.02	3.e-002	8.13e-003
224	5.95	1.817	-6.01	2.e-002	5.42e-003
225	5.95	1.817	-6.02	3.e-002	8.13e-003
226	5.967	1.834	-6.03	4.e-002	1.084e-002
227	5.967	1.834	-6.02	3.e-002	8.13e-003
228	5.983	1.85	-6.02	3.e-002	8.13e-003
229	5.983	1.85	-6.01	2.e-002	5.42e-003
230	6.	1.867	-6.03	4.e-002	1.084e-002
231	6.	1.867	-6.04	5.e-002	1.355e-002
232	6.017	1.884	-6.03	4.e-002	1.084e-002
233	6.017	1.884	-6.02	3.e-002	8.13e-003
234	6.033	1.9	-6.02	3.e-002	8.13e-003
235	6.033	1.9	-6.03	4.e-002	1.084e-002
236	6.05	1.917	-6.03	4.e-002	1.084e-002
237	6.05	1.917	-6.03	4.e-002	1.084e-002
238	6.067	1.934	-6.02	3.e-002	8.13e-003
239	6.067	1.934	-6.04	5.e-002	1.355e-002
240	6.083	1.95	-6.03	4.e-002	1.084e-002
241	6.083	1.95	-6.03	4.e-002	1.084e-002
242	6.1	1.967	-6.03	4.e-002	1.084e-002
243	6.1	1.967	-6.02	3.e-002	8.13e-003
244	6.117	1.984	-6.02	3.e-002	8.13e-003
245	6.117	1.984	-6.03	4.e-002	1.084e-002
246	6.133	2.	-6.02	3.e-002	8.13e-003
247	6.133	2.	-6.01	2.e-002	5.42e-003
248	6.15	2.017	-6.01	2.e-002	5.42e-003
249	6.15	2.017	-6.02	3.e-002	8.13e-003
250	6.167	2.034	-6.	1.e-002	2.71e-003
251	6.167	2.034	-6.01	2.e-002	5.42e-003
252	6.183	2.05	-6.02	3.e-002	8.13e-003
253	6.183	2.05	-6.03	4.e-002	1.084e-002
254	6.2	2.067	-6.02	3.e-002	8.13e-003
255	6.2	2.067	-6.02	3.e-002	8.13e-003
256	6.217	2.084	-6.02	3.e-002	8.13e-003
257	6.217	2.084	-6.03	4.e-002	1.084e-002
258	6.233	2.1	-6.02	3.e-002	8.13e-003
259	6.233	2.1	-6.03	4.e-002	1.084e-002
260	6.25	2.117	-6.03	4.e-002	1.084e-002
261	6.25	2.117	-6.02	3.e-002	8.13e-003
262	6.267	2.134	-6.03	4.e-002	1.084e-002
263	6.267	2.134	-6.03	4.e-002	1.084e-002
264	6.283	2.15	-6.04	5.e-002	1.355e-002
265	6.283	2.15	-6.02	3.e-002	8.13e-003
266	6.3	2.167	-6.03	4.e-002	1.084e-002
267	6.3	2.167	-6.03	4.e-002	1.084e-002
268	6.317	2.184	-6.04	5.e-002	1.355e-002
269	6.317	2.184	-6.04	5.e-002	1.355e-002
270	6.333	2.2	-6.05	6.e-002	1.626e-002
271	6.333	2.2	-6.02	3.e-002	8.13e-003
272	6.35	2.217	-6.02	3.e-002	8.13e-003
273	6.35	2.217	-6.03	4.e-002	1.084e-002
274	6.367	2.234	-6.03	4.e-002	1.084e-002
275	6.367	2.234	-6.04	5.e-002	1.355e-002
276	6.383	2.25	-6.02	3.e-002	8.13e-003
277	6.383	2.25	-6.03	4.e-002	1.084e-002
278	6.4	2.267	-6.05	6.e-002	1.626e-002
279	6.4	2.267	-6.04	5.e-002	1.355e-002
280	6.417	2.284	-6.05	6.e-002	1.626e-002
281	6.417	2.284	-6.02	3.e-002	8.13e-003
282	6.433	2.3	-6.04	5.e-002	1.355e-002
283	6.433	2.3	-6.03	4.e-002	1.084e-002
284	6.45	2.317	-5.99	0.	0.

285	6.45	2.317	-6.04	5.e-002	1.355e-002
286	6.467	2.334	-6.06	7.e-002	1.897e-002
287	6.467	2.334	-6.03	4.e-002	1.084e-002
288	6.483	2.35	-6.03	4.e-002	1.084e-002
289	6.483	2.35	-6.03	4.e-002	1.084e-002
290	6.5	2.367	-6.02	3.e-002	8.13e-003
291	6.5	2.367	-6.03	4.e-002	1.084e-002
292	6.517	2.384	-6.03	4.e-002	1.084e-002
293	6.517	2.384	-6.05	6.e-002	1.626e-002
294	6.533	2.4	-6.03	4.e-002	1.084e-002
295	6.533	2.4	-6.03	4.e-002	1.084e-002
296	6.55	2.417	-6.03	4.e-002	1.084e-002
297	6.55	2.417	-6.03	4.e-002	1.084e-002
298	6.567	2.434	-6.02	3.e-002	8.13e-003
299	6.567	2.434	-6.01	2.e-002	5.42e-003
300	6.583	2.45	-6.03	4.e-002	1.084e-002
301	6.583	2.45	-6.04	5.e-002	1.355e-002
302	6.6	2.467	-6.02	3.e-002	8.13e-003
303	6.6	2.467	-6.03	4.e-002	1.084e-002
304	6.617	2.484	-6.02	3.e-002	8.13e-003
305	6.617	2.484	-6.03	4.e-002	1.084e-002
306	6.633	2.5	-6.03	4.e-002	1.084e-002
307	6.633	2.5	-6.03	4.e-002	1.084e-002
308	6.65	2.517	-6.03	4.e-002	1.084e-002
309	6.65	2.517	-6.01	2.e-002	5.42e-003
310	6.667	2.534	-6.02	3.e-002	8.13e-003
311	6.667	2.534	-6.03	4.e-002	1.084e-002
312	6.683	2.55	-6.03	4.e-002	1.084e-002
313	6.683	2.55	-6.03	4.e-002	1.084e-002
314	6.7	2.567	-6.02	3.e-002	8.13e-003
315	6.7	2.567	-6.01	2.e-002	5.42e-003
316	6.717	2.584	-6.02	3.e-002	8.13e-003
317	6.717	2.584	-6.03	4.e-002	1.084e-002
318	6.733	2.6	-6.03	4.e-002	1.084e-002
319	6.733	2.6	-6.02	3.e-002	8.13e-003
320	6.75	2.617	-6.01	2.e-002	5.42e-003
321	6.75	2.617	-6.02	3.e-002	8.13e-003
322	6.767	2.634	-6.02	3.e-002	8.13e-003
323	6.767	2.634	-6.04	5.e-002	1.355e-002
324	6.783	2.65	-5.99	0.	0.
325	6.783	2.65	-6.02	3.e-002	8.13e-003
326	6.8	2.667	-6.02	3.e-002	8.13e-003
327	6.8	2.667	-6.02	3.e-002	8.13e-003
328	6.817	2.684	-6.01	2.e-002	5.42e-003
329	6.817	2.684	-6.01	2.e-002	5.42e-003
330	6.833	2.7	-6.03	4.e-002	1.084e-002
331	6.833	2.7	-6.02	3.e-002	8.13e-003
332	6.85	2.717	-6.03	4.e-002	1.084e-002
333	6.85	2.717	-6.03	4.e-002	1.084e-002
334	6.867	2.734	-6.01	2.e-002	5.42e-003
335	6.867	2.734	-6.	1.e-002	2.71e-003
336	6.883	2.75	-6.	1.e-002	2.71e-003
337	6.883	2.75	-6.01	2.e-002	5.42e-003
338	6.9	2.767	-6.02	3.e-002	8.13e-003
339	6.9	2.767	-6.02	3.e-002	8.13e-003
340	6.917	2.784	-6.02	3.e-002	8.13e-003
341	6.917	2.784	-6.02	3.e-002	8.13e-003
342	6.933	2.8	-6.02	3.e-002	8.13e-003
343	6.933	2.8	-6.02	3.e-002	8.13e-003
344	6.95	2.817	-6.04	5.e-002	1.355e-002
345	6.95	2.817	-6.03	4.e-002	1.084e-002
346	6.967	2.834	-6.02	3.e-002	8.13e-003

347	6.967	2.834	-6.01	2.e-002	5.42e-003
348	6.983	2.85	-6.	1.e-002	2.71e-003
349	6.983	2.85	-6.03	4.e-002	1.084e-002
350	7.	2.867	-6.04	5.e-002	1.355e-002
351	7.	2.867	-6.03	4.e-002	1.084e-002
352	7.017	2.884	-6.03	4.e-002	1.084e-002
353	7.017	2.884	-6.03	4.e-002	1.084e-002
354	7.033	2.9	-6.02	3.e-002	8.13e-003
355	7.033	2.9	-6.03	4.e-002	1.084e-002
356	7.05	2.917	-6.03	4.e-002	1.084e-002
357	7.05	2.917	-6.02	3.e-002	8.13e-003
358	7.067	2.934	-6.03	4.e-002	1.084e-002
359	7.067	2.934	-6.04	5.e-002	1.355e-002
360	7.083	2.95	-6.04	5.e-002	1.355e-002
361	7.083	2.95	-6.04	5.e-002	1.355e-002
362	7.1	2.967	-6.02	3.e-002	8.13e-003
363	7.1	2.967	-6.02	3.e-002	8.13e-003
364	7.117	2.984	-6.02	3.e-002	8.13e-003
365	7.117	2.984	-6.02	3.e-002	8.13e-003
366	7.133	3.	-6.05	6.e-002	1.626e-002
367	7.133	3.	-6.04	5.e-002	1.355e-002
368	7.15	3.017	-6.01	2.e-002	5.42e-003
369	7.15	3.017	-6.02	3.e-002	8.13e-003
370	7.167	3.034	-6.01	2.e-002	5.42e-003
371	7.167	3.034	-6.03	4.e-002	1.084e-002
372	7.183	3.05	-6.02	3.e-002	8.13e-003
373	7.183	3.05	-6.02	3.e-002	8.13e-003
374	7.2	3.067	-6.04	5.e-002	1.355e-002
375	7.2	3.067	-6.05	6.e-002	1.626e-002
376	7.217	3.084	-6.01	2.e-002	5.42e-003
377	7.217	3.084	-6.01	2.e-002	5.42e-003
378	7.233	3.1	-6.05	6.e-002	1.626e-002
379	7.233	3.1	-6.01	2.e-002	5.42e-003
380	7.25	3.117	-6.02	3.e-002	8.13e-003
381	7.25	3.117	-6.02	3.e-002	8.13e-003
382	7.267	3.134	-6.02	3.e-002	8.13e-003
383	7.267	3.134	-6.03	4.e-002	1.084e-002
384	7.283	3.15	-6.02	3.e-002	8.13e-003
385	7.283	3.15	-6.01	2.e-002	5.42e-003
386	7.3	3.167	-6.04	5.e-002	1.355e-002
387	7.3	3.167	-6.02	3.e-002	8.13e-003
388	7.317	3.184	-6.04	5.e-002	1.355e-002
389	7.317	3.184	-6.02	3.e-002	8.13e-003
390	7.333	3.2	-6.03	4.e-002	1.084e-002
391	7.333	3.2	-6.02	3.e-002	8.13e-003
392	7.35	3.217	-6.02	3.e-002	8.13e-003
393	7.35	3.217	-6.02	3.e-002	8.13e-003
394	7.367	3.234	-6.02	3.e-002	8.13e-003
395	7.367	3.234	-6.02	3.e-002	8.13e-003
396	7.383	3.25	-6.02	3.e-002	8.13e-003
397	7.383	3.25	-6.03	4.e-002	1.084e-002
398	7.4	3.267	-6.04	5.e-002	1.355e-002
399	7.4	3.267	-6.03	4.e-002	1.084e-002
400	7.417	3.284	-6.05	6.e-002	1.626e-002
401	7.417	3.284	-6.03	4.e-002	1.084e-002
402	7.433	3.3	-6.02	3.e-002	8.13e-003
403	7.433	3.3	-6.03	4.e-002	1.084e-002
404	7.45	3.317	-6.02	3.e-002	8.13e-003
405	7.45	3.317	-6.05	6.e-002	1.626e-002
406	7.467	3.334	-6.04	5.e-002	1.355e-002
407	7.467	3.334	-6.03	4.e-002	1.084e-002
408	7.483	3.35	-6.02	3.e-002	8.13e-003

409	7.483	3.35	-6.03	4.e-002	1.084e-002
410	7.5	3.367	-6.05	6.e-002	1.626e-002
411	7.5	3.367	-6.03	4.e-002	1.084e-002
412	7.517	3.384	-6.03	4.e-002	1.084e-002
413	7.517	3.384	-6.03	4.e-002	1.084e-002
414	7.533	3.4	-6.03	4.e-002	1.084e-002
415	7.533	3.4	-6.04	5.e-002	1.355e-002
416	7.55	3.417	-6.05	6.e-002	1.626e-002
417	7.55	3.417	-6.02	3.e-002	8.13e-003
418	7.567	3.434	-6.02	3.e-002	8.13e-003
419	7.567	3.434	-6.03	4.e-002	1.084e-002
420	7.583	3.45	-6.02	3.e-002	8.13e-003
421	7.583	3.45	-6.01	2.e-002	5.42e-003
422	7.6	3.467	-6.03	4.e-002	1.084e-002
423	7.6	3.467	-6.04	5.e-002	1.355e-002
424	7.617	3.484	-6.03	4.e-002	1.084e-002
425	7.617	3.484	-6.03	4.e-002	1.084e-002
426	7.633	3.5	-6.02	3.e-002	8.13e-003
427	7.633	3.5	-6.02	3.e-002	8.13e-003
428	7.65	3.517	-6.03	4.e-002	1.084e-002
429	7.65	3.517	-6.03	4.e-002	1.084e-002
430	7.667	3.534	-6.02	3.e-002	8.13e-003
431	7.667	3.534	-6.	1.e-002	2.71e-003
432	7.683	3.55	-6.04	5.e-002	1.355e-002
433	7.683	3.55	-6.03	4.e-002	1.084e-002
434	7.7	3.567	-6.04	5.e-002	1.355e-002
435	7.7	3.567	-6.03	4.e-002	1.084e-002
436	7.717	3.584	-6.03	4.e-002	1.084e-002
437	7.717	3.584	-6.03	4.e-002	1.084e-002
438	7.733	3.6	-6.03	4.e-002	1.084e-002
439	7.733	3.6	-6.03	4.e-002	1.084e-002
440	7.75	3.617	-6.03	4.e-002	1.084e-002
441	7.75	3.617	-6.03	4.e-002	1.084e-002
442	7.767	3.634	-6.01	2.e-002	5.42e-003
443	7.767	3.634	-5.87	-0.12	-3.252e-002
444	7.783	3.65	-6.02	3.e-002	8.13e-003
445	7.783	3.65	-6.02	3.e-002	8.13e-003
446	7.8	3.667	-6.02	3.e-002	8.13e-003
447	7.8	3.667	-6.03	4.e-002	1.084e-002
448	7.817	3.684	-6.02	3.e-002	8.13e-003
449	7.817	3.684	-6.02	3.e-002	8.13e-003
450	7.833	3.7	-6.02	3.e-002	8.13e-003
451	7.833	3.7	-6.	1.e-002	2.71e-003
452	7.85	3.717	-6.03	4.e-002	1.084e-002
453	7.85	3.717	-6.04	5.e-002	1.355e-002
454	7.867	3.734	-6.02	3.e-002	8.13e-003
455	7.867	3.734	-6.04	5.e-002	1.355e-002
456	7.883	3.75	-6.02	3.e-002	8.13e-003
457	7.883	3.75	-6.05	6.e-002	1.626e-002
458	7.9	3.767	-6.02	3.e-002	8.13e-003
459	7.9	3.767	-6.02	3.e-002	8.13e-003
460	7.917	3.784	-6.03	4.e-002	1.084e-002
461	7.917	3.784	-6.02	3.e-002	8.13e-003
462	7.933	3.8	-6.03	4.e-002	1.084e-002
463	7.933	3.8	-6.03	4.e-002	1.084e-002
464	7.95	3.817	-6.04	5.e-002	1.355e-002
465	7.95	3.817	-6.02	3.e-002	8.13e-003
466	7.967	3.834	-6.03	4.e-002	1.084e-002
467	7.967	3.834	-6.04	5.e-002	1.355e-002
468	7.983	3.85	-6.03	4.e-002	1.084e-002
469	7.983	3.85	-6.04	5.e-002	1.355e-002
470	8.	3.867	-6.03	4.e-002	1.084e-002

471	8.	3.867	-6.03	4.e-002	1.084e-002
472	8.017	3.884	-6.02	3.e-002	8.13e-003
473	8.017	3.884	-6.04	5.e-002	1.355e-002
474	8.033	3.9	-6.03	4.e-002	1.084e-002
475	8.033	3.9	-6.02	3.e-002	8.13e-003
476	8.05	3.917	-6.02	3.e-002	8.13e-003
477	8.05	3.917	-6.03	4.e-002	1.084e-002
478	8.067	3.934	-6.02	3.e-002	8.13e-003
479	8.067	3.934	-6.02	3.e-002	8.13e-003
480	8.083	3.95	-6.02	3.e-002	8.13e-003
481	8.083	3.95	-6.02	3.e-002	8.13e-003
482	8.1	3.967	-6.03	4.e-002	1.084e-002
483	8.1	3.967	-6.	1.e-002	2.71e-003
484	8.117	3.984	-6.01	2.e-002	5.42e-003
485	8.117	3.984	-6.04	5.e-002	1.355e-002
486	8.133	4.	-6.02	3.e-002	8.13e-003
487	8.133	4.	-6.02	3.e-002	8.13e-003
488	8.15	4.017	-6.02	3.e-002	8.13e-003
489	8.15	4.017	-6.02	3.e-002	8.13e-003
490	8.167	4.034	-6.	1.e-002	2.71e-003
491	8.167	4.034	-6.01	2.e-002	5.42e-003
492	8.183	4.05	-6.03	4.e-002	1.084e-002
493	8.183	4.05	-6.03	4.e-002	1.084e-002
494	8.2	4.067	-6.04	5.e-002	1.355e-002
495	8.2	4.067	-6.03	4.e-002	1.084e-002
496	8.217	4.084	-6.01	2.e-002	5.42e-003
497	8.217	4.084	-6.03	4.e-002	1.084e-002
498	8.233	4.1	-6.02	3.e-002	8.13e-003



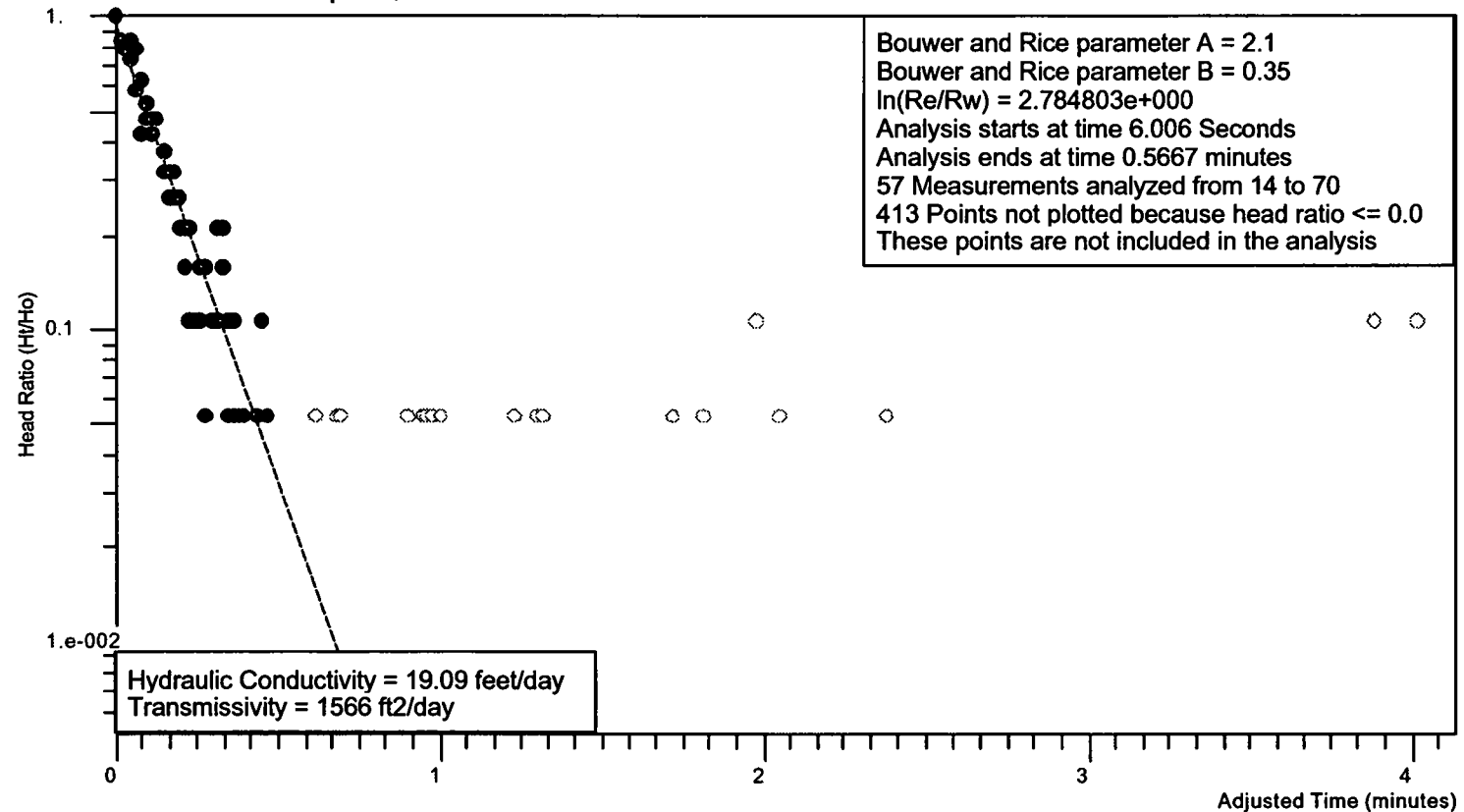
Oak Hammock

Slugtest - Slugin - SZ-3 12/1/01

Oak Hammock Holopaw, Florida

Bouwer and Rice Graph

SZ-3



Project Number: 48OH01 for OMNI Waste
Analysis by Starpoint Software

H_o is 0.19 feet at 6.006 Seconds

Slugtest - Slugin - SZ-3

Site Name: Oak Hammock
 Location: Holopaw, Florida
 Test Date: 12/1/01
 Client: OMNI Waste
 Project Number: 48OH01
 Import File: C:\and SettingsRosseter.PCLAPTOPDataCompensated.lev

Well Label: SZ-3
 Aquifer Thickness: 82. feet
 Screen Length: 5. feet
 Casing Radius: 1. Inches
 Effective Radius: 3. Inches
 Static Water Level: -4.91 feet
 Water Table to Screen Bottom: 73.95 feet
 Anisotropy Ratio: 1.
 Time Adjustment: 6.006 Seconds
 Test starts with trial 5
 There are 497 time and drawdown measurements
 Maximum head is 3.51 feet
 Minimum head is -0.36 feet

Trial	Time (minutes)	Adjusted Time (minutes)	Drawdown (feet)	Head (feet)	Head Ratio
1	0.	-0.1001	-4.91	0.	0.
2	8.333e-005	-0.1	-4.92	-1.e-002	-2.849e-003
3	1.667e-002	-8.343e-002	-4.93	-2.e-002	-5.698e-003
4	1.675e-002	-8.335e-002	-4.92	-1.e-002	-2.849e-003
5	3.333e-002	-6.677e-002	-4.9	1.e-002	2.849e-003
6	3.342e-002	-6.668e-002	-1.4	3.51	1.
7	5.e-002	-5.01e-002	-1.54	3.37	0.9601
8	5.008e-002	-5.002e-002	-5.27	-0.36	-0.1026
9	6.667e-002	-3.343e-002	-4.71	0.2	5.698e-002
10	6.675e-002	-3.335e-002	-4.88	3.e-002	8.547e-003
11	8.333e-002	-1.677e-002	-4.79	0.12	3.419e-002
12	8.342e-002	-1.668e-002	-4.79	0.12	3.419e-002
13	0.1	-1.e-004	-4.63	0.28	7.977e-002
14	0.1001	0.	-4.72	0.19	5.413e-002
15	0.1167	1.66e-002	-4.75	0.16	4.558e-002
16	0.1167	1.66e-002	-4.75	0.16	4.558e-002
17	0.1333	3.32e-002	-4.76	0.15	4.274e-002
18	0.1334	3.33e-002	-4.76	0.15	4.274e-002
19	0.15	4.99e-002	-4.75	0.16	4.558e-002
20	0.1501	5.e-002	-4.77	0.14	3.989e-002
21	0.1667	6.66e-002	-4.76	0.15	4.274e-002
22	0.1667	6.66e-002	-4.8	0.11	3.134e-002
23	0.1833	8.32e-002	-4.79	0.12	3.419e-002
24	0.1834	8.33e-002	-4.83	8.e-002	2.279e-002
25	0.2	9.99e-002	-4.81	0.1	2.849e-002
26	0.2001	0.1	-4.82	9.e-002	2.564e-002
27	0.2167	0.1166	-4.82	9.e-002	2.564e-002
28	0.2168	0.1167	-4.83	8.e-002	2.279e-002
29	0.2333	0.1332	-4.82	9.e-002	2.564e-002
30	0.2334	0.1333	-4.82	9.e-002	2.564e-002
31	0.25	0.1499	-4.84	7.e-002	1.994e-002
32	0.2501	0.15	-4.85	6.e-002	1.709e-002
33	0.2667	0.1666	-4.85	6.e-002	1.709e-002
34	0.2668	0.1667	-4.86	5.e-002	1.425e-002
35	0.2833	0.1832	-4.85	6.e-002	1.709e-002
36	0.2834	0.1833	-4.86	5.e-002	1.425e-002

37	0.3	0.1999	-4.87	4.e-002	1.14e-002
38	0.3001	0.2	-4.86	5.e-002	1.425e-002
39	0.3167	0.2166	-4.88	3.e-002	8.547e-003
40	0.3168	0.2167	-4.87	4.e-002	1.14e-002
41	0.3333	0.2332	-4.89	2.e-002	5.698e-003
42	0.3334	0.2333	-4.87	4.e-002	1.14e-002
43	0.35	0.2499	-4.89	2.e-002	5.698e-003
44	0.3501	0.25	-4.89	2.e-002	5.698e-003
45	0.3667	0.2666	-4.88	3.e-002	8.547e-003
46	0.3668	0.2667	-4.89	2.e-002	5.698e-003
47	0.3833	0.2832	-4.88	3.e-002	8.547e-003
48	0.3834	0.2833	-4.9	1.e-002	2.849e-003
49	0.4	0.2999	-4.89	2.e-002	5.698e-003
50	0.4001	0.3	-4.89	2.e-002	5.698e-003
51	0.4167	0.3166	-4.87	4.e-002	1.14e-002
52	0.4168	0.3167	-4.89	2.e-002	5.698e-003
53	0.4333	0.3332	-4.87	4.e-002	1.14e-002
54	0.4334	0.3333	-4.88	3.e-002	8.547e-003
55	0.45	0.3499	-4.9	1.e-002	2.849e-003
56	0.4501	0.35	-4.89	2.e-002	5.698e-003
57	0.4667	0.3666	-4.89	2.e-002	5.698e-003
58	0.4667	0.3666	-4.9	1.e-002	2.849e-003
59	0.4833	0.3832	-4.91	0.	0.
60	0.4834	0.3833	-4.9	1.e-002	2.849e-003
61	0.5	0.3999	-4.9	1.e-002	2.849e-003
62	0.5001	0.4	-4.9	1.e-002	2.849e-003
63	0.5167	0.4166	-4.91	0.	0.
64	0.5167	0.4166	-4.91	0.	0.
65	0.5333	0.4332	-4.9	1.e-002	2.849e-003
66	0.5334	0.4333	-4.9	1.e-002	2.849e-003
67	0.55	0.4499	-4.91	0.	0.
68	0.5501	0.45	-4.89	2.e-002	5.698e-003
69	0.5667	0.4666	-4.92	-1.e-002	-2.849e-003
70	0.5667	0.4666	-4.9	1.e-002	2.849e-003
71	0.5833	0.4832	-4.91	0.	0.
72	0.5834	0.4833	-4.91	0.	0.
73	0.6	0.4999	-4.92	-1.e-002	-2.849e-003
74	0.6001	0.5	-4.91	0.	0.
75	0.6167	0.5166	-4.91	0.	0.
76	0.6167	0.5166	-4.91	0.	0.
77	0.6333	0.5332	-4.92	-1.e-002	-2.849e-003
78	0.6334	0.5333	-4.92	-1.e-002	-2.849e-003
79	0.65	0.5499	-4.91	0.	0.
80	0.6501	0.55	-4.92	-1.e-002	-2.849e-003
81	0.6667	0.5666	-4.92	-1.e-002	-2.849e-003
82	0.6667	0.5666	-4.92	-1.e-002	-2.849e-003
83	0.6833	0.5832	-4.92	-1.e-002	-2.849e-003
84	0.6834	0.5833	-4.91	0.	0.
85	0.7	0.5999	-4.91	0.	0.
86	0.7001	0.6	-4.91	0.	0.
87	0.7167	0.6166	-4.9	1.e-002	2.849e-003
88	0.7167	0.6166	-4.91	0.	0.
89	0.7333	0.6332	-4.91	0.	0.
90	0.7334	0.6333	-4.92	-1.e-002	-2.849e-003
91	0.75	0.6499	-4.92	-1.e-002	-2.849e-003
92	0.7501	0.65	-4.92	-1.e-002	-2.849e-003
93	0.7667	0.6666	-4.91	0.	0.
94	0.7667	0.6666	-4.92	-1.e-002	-2.849e-003
95	0.7833	0.6832	-4.9	1.e-002	2.849e-003
96	0.7834	0.6833	-4.9	1.e-002	2.849e-003
97	0.8	0.6999	-4.91	0.	0.
98	0.8001	0.7	-4.9	1.e-002	2.849e-003

99	0.8167	0.7166	-4.91	0.	0.
100	0.8167	0.7166	-4.92	-1.e-002	-2.849e-003
101	0.8333	0.7332	-4.91	0.	0.
102	0.8334	0.7333	-4.91	0.	0.
103	0.85	0.7499	-4.92	-1.e-002	-2.849e-003
104	0.8501	0.75	-4.92	-1.e-002	-2.849e-003
105	0.8667	0.7666	-4.92	-1.e-002	-2.849e-003
106	0.8667	0.7666	-4.92	-1.e-002	-2.849e-003
107	0.8833	0.7832	-4.91	0.	0.
108	0.8834	0.7833	-4.92	-1.e-002	-2.849e-003
109	0.9	0.7999	-4.92	-1.e-002	-2.849e-003
110	0.9001	0.8	-4.92	-1.e-002	-2.849e-003
111	0.9167	0.8166	-4.92	-1.e-002	-2.849e-003
112	0.9167	0.8166	-4.91	0.	0.
113	0.9333	0.8332	-4.92	-1.e-002	-2.849e-003
114	0.9334	0.8333	-4.92	-1.e-002	-2.849e-003
115	0.95	0.8499	-4.93	-2.e-002	-5.698e-003
116	0.9501	0.85	-4.93	-2.e-002	-5.698e-003
117	0.9667	0.8666	-4.92	-1.e-002	-2.849e-003
118	0.9667	0.8666	-4.92	-1.e-002	-2.849e-003
119	0.9833	0.8832	-4.92	-1.e-002	-2.849e-003
120	0.9834	0.8833	-4.92	-1.e-002	-2.849e-003
121	1.	0.8999	-4.9	1.e-002	2.849e-003
122	1.	0.8999	-4.92	-1.e-002	-2.849e-003
123	1.017	0.9169	-4.91	0.	0.
124	1.017	0.9169	-4.91	0.	0.
125	1.033	0.9329	-4.91	0.	0.
126	1.033	0.9329	-4.93	-2.e-002	-5.698e-003
127	1.05	0.9499	-4.92	-1.e-002	-2.849e-003
128	1.05	0.9499	-4.9	1.e-002	2.849e-003
129	1.067	0.9669	-4.9	1.e-002	2.849e-003
130	1.067	0.9669	-4.91	0.	0.
131	1.083	0.9829	-4.92	-1.e-002	-2.849e-003
132	1.083	0.9829	-4.9	1.e-002	2.849e-003
133	1.1	0.9999	-4.93	-2.e-002	-5.698e-003
134	1.1	0.9999	-4.9	1.e-002	2.849e-003
135	1.117	1.017	-4.91	0.	0.
136	1.117	1.017	-4.91	0.	0.
137	1.133	1.033	-4.91	0.	0.
138	1.133	1.033	-4.91	0.	0.
139	1.15	1.05	-4.91	0.	0.
140	1.15	1.05	-4.91	0.	0.
141	1.167	1.067	-4.91	0.	0.
142	1.167	1.067	-4.92	-1.e-002	-2.849e-003
143	1.183	1.083	-4.91	0.	0.
144	1.183	1.083	-4.92	-1.e-002	-2.849e-003
145	1.2	1.1	-4.91	0.	0.
146	1.2	1.1	-4.91	0.	0.
147	1.217	1.117	-4.92	-1.e-002	-2.849e-003
148	1.217	1.117	-4.92	-1.e-002	-2.849e-003
149	1.233	1.133	-4.91	0.	0.
150	1.233	1.133	-4.92	-1.e-002	-2.849e-003
151	1.25	1.15	-4.92	-1.e-002	-2.849e-003
152	1.25	1.15	-4.92	-1.e-002	-2.849e-003
153	1.267	1.167	-4.92	-1.e-002	-2.849e-003
154	1.267	1.167	-4.92	-1.e-002	-2.849e-003
155	1.283	1.183	-4.92	-1.e-002	-2.849e-003
156	1.283	1.183	-4.94	-3.e-002	-8.547e-003
157	1.3	1.2	-4.93	-2.e-002	-5.698e-003
158	1.3	1.2	-4.91	0.	0.
159	1.317	1.217	-4.92	-1.e-002	-2.849e-003
160	1.317	1.217	-4.91	0.	0.

161	1.333	1.233	-4.92	-1.e-002	-2.849e-003
162	1.333	1.233	-4.9	1.e-002	2.849e-003
163	1.35	1.25	-4.94	-3.e-002	-8.547e-003
164	1.35	1.25	-4.92	-1.e-002	-2.849e-003
165	1.367	1.267	-4.92	-1.e-002	-2.849e-003
166	1.367	1.267	-4.92	-1.e-002	-2.849e-003
167	1.383	1.283	-4.93	-2.e-002	-5.698e-003
168	1.383	1.283	-4.93	-2.e-002	-5.698e-003
169	1.4	1.3	-4.92	-1.e-002	-2.849e-003
170	1.4	1.3	-4.9	1.e-002	2.849e-003
171	1.417	1.317	-4.93	-2.e-002	-5.698e-003
172	1.417	1.317	-4.9	1.e-002	2.849e-003
173	1.433	1.333	-4.92	-1.e-002	-2.849e-003
174	1.433	1.333	-4.91	0.	0.
175	1.45	1.35	-4.91	0.	0.
176	1.45	1.35	-4.92	-1.e-002	-2.849e-003
177	1.467	1.367	-4.91	0.	0.
178	1.467	1.367	-4.91	0.	0.
179	1.483	1.383	-4.92	-1.e-002	-2.849e-003
180	1.483	1.383	-4.92	-1.e-002	-2.849e-003
181	1.5	1.4	-4.92	-1.e-002	-2.849e-003
182	1.5	1.4	-4.93	-2.e-002	-5.698e-003
183	1.517	1.417	-4.91	0.	0.
184	1.517	1.417	-4.94	-3.e-002	-8.547e-003
185	1.533	1.433	-4.92	-1.e-002	-2.849e-003
186	1.533	1.433	-4.94	-3.e-002	-8.547e-003
187	1.55	1.45	-4.92	-1.e-002	-2.849e-003
188	1.55	1.45	-4.92	-1.e-002	-2.849e-003
189	1.567	1.467	-4.94	-3.e-002	-8.547e-003
190	1.567	1.467	-4.95	-4.e-002	-1.14e-002
191	1.583	1.483	-4.94	-3.e-002	-8.547e-003
192	1.583	1.483	-4.93	-2.e-002	-5.698e-003
193	1.6	1.5	-4.91	0.	0.
194	1.6	1.5	-4.91	0.	0.
195	1.617	1.517	-4.92	-1.e-002	-2.849e-003
196	1.617	1.517	-4.92	-1.e-002	-2.849e-003
197	1.633	1.533	-4.93	-2.e-002	-5.698e-003
198	1.633	1.533	-4.92	-1.e-002	-2.849e-003
199	1.65	1.55	-4.92	-1.e-002	-2.849e-003
200	1.65	1.55	-4.92	-1.e-002	-2.849e-003
201	1.667	1.567	-4.92	-1.e-002	-2.849e-003
202	1.667	1.567	-4.92	-1.e-002	-2.849e-003
203	1.683	1.583	-4.93	-2.e-002	-5.698e-003
204	1.683	1.583	-4.93	-2.e-002	-5.698e-003
205	1.7	1.6	-4.92	-1.e-002	-2.849e-003
206	1.7	1.6	-4.93	-2.e-002	-5.698e-003
207	1.717	1.617	-4.91	0.	0.
208	1.717	1.617	-4.92	-1.e-002	-2.849e-003
209	1.733	1.633	-4.92	-1.e-002	-2.849e-003
210	1.733	1.633	-4.92	-1.e-002	-2.849e-003
211	1.75	1.65	-4.92	-1.e-002	-2.849e-003
212	1.75	1.65	-4.91	0.	0.
213	1.767	1.667	-4.91	0.	0.
214	1.767	1.667	-4.93	-2.e-002	-5.698e-003
215	1.783	1.683	-4.93	-2.e-002	-5.698e-003
216	1.783	1.683	-4.91	0.	0.
217	1.8	1.7	-4.92	-1.e-002	-2.849e-003
218	1.8	1.7	-4.93	-2.e-002	-5.698e-003
219	1.817	1.717	-4.9	1.e-002	2.849e-003
220	1.817	1.717	-4.93	-2.e-002	-5.698e-003
221	1.833	1.733	-4.92	-1.e-002	-2.849e-003
222	1.833	1.733	-4.94	-3.e-002	-8.547e-003

223	1.85	1.75	-4.92	-1.e-002	-2.849e-003
224	1.85	1.75	-4.93	-2.e-002	-5.698e-003
225	1.867	1.767	-4.93	-2.e-002	-5.698e-003
226	1.867	1.767	-4.92	-1.e-002	-2.849e-003
227	1.883	1.783	-4.93	-2.e-002	-5.698e-003
228	1.883	1.783	-4.93	-2.e-002	-5.698e-003
229	1.9	1.8	-4.92	-1.e-002	-2.849e-003
230	1.9	1.8	-4.92	-1.e-002	-2.849e-003
231	1.917	1.817	-4.9	1.e-002	2.849e-003
232	1.917	1.817	-4.91	0.	0.
233	1.933	1.833	-4.92	-1.e-002	-2.849e-003
234	1.933	1.833	-4.91	0.	0.
235	1.95	1.85	-4.93	-2.e-002	-5.698e-003
236	1.95	1.85	-4.92	-1.e-002	-2.849e-003
237	1.967	1.867	-4.94	-3.e-002	-8.547e-003
238	1.967	1.867	-4.93	-2.e-002	-5.698e-003
239	1.983	1.883	-4.94	-3.e-002	-8.547e-003
240	1.983	1.883	-4.93	-2.e-002	-5.698e-003
241	2.	1.9	-4.91	0.	0.
242	2.	1.9	-4.93	-2.e-002	-5.698e-003
243	2.017	1.917	-4.92	-1.e-002	-2.849e-003
244	2.017	1.917	-4.92	-1.e-002	-2.849e-003
245	2.033	1.933	-4.91	0.	0.
246	2.033	1.933	-4.92	-1.e-002	-2.849e-003
247	2.05	1.95	-4.94	-3.e-002	-8.547e-003
248	2.05	1.95	-4.92	-1.e-002	-2.849e-003
249	2.067	1.967	-4.92	-1.e-002	-2.849e-003
250	2.067	1.967	-4.91	0.	0.
251	2.083	1.983	-4.89	2.e-002	5.698e-003
252	2.083	1.983	-4.93	-2.e-002	-5.698e-003
253	2.1	2.	-4.91	0.	0.
254	2.1	2.	-4.94	-3.e-002	-8.547e-003
255	2.117	2.017	-4.92	-1.e-002	-2.849e-003
256	2.117	2.017	-4.92	-1.e-002	-2.849e-003
257	2.133	2.033	-4.93	-2.e-002	-5.698e-003
258	2.133	2.033	-4.94	-3.e-002	-8.547e-003
259	2.15	2.05	-4.94	-3.e-002	-8.547e-003
260	2.15	2.05	-4.9	1.e-002	2.849e-003
261	2.167	2.067	-4.93	-2.e-002	-5.698e-003
262	2.167	2.067	-4.92	-1.e-002	-2.849e-003
263	2.183	2.083	-4.93	-2.e-002	-5.698e-003
264	2.183	2.083	-4.93	-2.e-002	-5.698e-003
265	2.2	2.1	-4.92	-1.e-002	-2.849e-003
266	2.2	2.1	-4.93	-2.e-002	-5.698e-003
267	2.217	2.117	-4.92	-1.e-002	-2.849e-003
268	2.217	2.117	-4.92	-1.e-002	-2.849e-003
269	2.233	2.133	-4.92	-1.e-002	-2.849e-003
270	2.233	2.133	-4.92	-1.e-002	-2.849e-003
271	2.25	2.15	-4.93	-2.e-002	-5.698e-003
272	2.25	2.15	-4.91	0.	0.
273	2.267	2.167	-4.93	-2.e-002	-5.698e-003
274	2.267	2.167	-4.94	-3.e-002	-8.547e-003
275	2.283	2.183	-4.92	-1.e-002	-2.849e-003
276	2.283	2.183	-4.93	-2.e-002	-5.698e-003
277	2.3	2.2	-4.93	-2.e-002	-5.698e-003
278	2.3	2.2	-4.93	-2.e-002	-5.698e-003
279	2.317	2.217	-4.93	-2.e-002	-5.698e-003
280	2.317	2.217	-4.93	-2.e-002	-5.698e-003
281	2.333	2.233	-4.95	-4.e-002	-1.14e-002
282	2.333	2.233	-4.92	-1.e-002	-2.849e-003
283	2.35	2.25	-4.93	-2.e-002	-5.698e-003
284	2.35	2.25	-4.91	0.	0.

285	2.367	2.267	-4.94	-3.e-002	-8.547e-003
286	2.367	2.267	-4.92	-1.e-002	-2.849e-003
287	2.383	2.283	-4.91	0.	0.
288	2.383	2.283	-4.91	0.	0.
289	2.4	2.3	-4.92	-1.e-002	-2.849e-003
290	2.4	2.3	-4.93	-2.e-002	-5.698e-003
291	2.417	2.317	-4.93	-2.e-002	-5.698e-003
292	2.417	2.317	-4.93	-2.e-002	-5.698e-003
293	2.433	2.333	-4.92	-1.e-002	-2.849e-003
294	2.433	2.333	-4.94	-3.e-002	-8.547e-003
295	2.45	2.35	-4.92	-1.e-002	-2.849e-003
296	2.45	2.35	-4.94	-3.e-002	-8.547e-003
297	2.467	2.367	-4.93	-2.e-002	-5.698e-003
298	2.467	2.367	-4.92	-1.e-002	-2.849e-003
299	2.483	2.383	-4.92	-1.e-002	-2.849e-003
300	2.483	2.383	-4.9	1.e-002	2.849e-003
301	2.5	2.4	-4.92	-1.e-002	-2.849e-003
302	2.5	2.4	-4.91	0.	0.
303	2.517	2.417	-4.92	-1.e-002	-2.849e-003
304	2.517	2.417	-4.93	-2.e-002	-5.698e-003
305	2.533	2.433	-4.93	-2.e-002	-5.698e-003
306	2.533	2.433	-4.93	-2.e-002	-5.698e-003
307	2.55	2.45	-4.91	0.	0.
308	2.55	2.45	-4.93	-2.e-002	-5.698e-003
309	2.567	2.467	-4.91	0.	0.
310	2.567	2.467	-4.93	-2.e-002	-5.698e-003
311	2.583	2.483	-4.92	-1.e-002	-2.849e-003
312	2.583	2.483	-4.93	-2.e-002	-5.698e-003
313	2.6	2.5	-4.93	-2.e-002	-5.698e-003
314	2.6	2.5	-4.93	-2.e-002	-5.698e-003
315	2.617	2.517	-4.91	0.	0.
316	2.617	2.517	-4.91	0.	0.
317	2.633	2.533	-4.92	-1.e-002	-2.849e-003
318	2.633	2.533	-4.92	-1.e-002	-2.849e-003
319	2.65	2.55	-4.93	-2.e-002	-5.698e-003
320	2.65	2.55	-4.92	-1.e-002	-2.849e-003
321	2.667	2.567	-4.91	0.	0.
322	2.667	2.567	-4.93	-2.e-002	-5.698e-003
323	2.683	2.583	-4.93	-2.e-002	-5.698e-003
324	2.683	2.583	-4.94	-3.e-002	-8.547e-003
325	2.7	2.6	-4.93	-2.e-002	-5.698e-003
326	2.7	2.6	-4.93	-2.e-002	-5.698e-003
327	2.717	2.617	-4.92	-1.e-002	-2.849e-003
328	2.717	2.617	-4.92	-1.e-002	-2.849e-003
329	2.733	2.633	-4.92	-1.e-002	-2.849e-003
330	2.733	2.633	-4.93	-2.e-002	-5.698e-003
331	2.75	2.65	-4.93	-2.e-002	-5.698e-003
332	2.75	2.65	-4.91	0.	0.
333	2.767	2.667	-4.92	-1.e-002	-2.849e-003
334	2.767	2.667	-4.93	-2.e-002	-5.698e-003
335	2.783	2.683	-4.94	-3.e-002	-8.547e-003
336	2.783	2.683	-4.92	-1.e-002	-2.849e-003
337	2.8	2.7	-4.93	-2.e-002	-5.698e-003
338	2.8	2.7	-4.93	-2.e-002	-5.698e-003
339	2.817	2.717	-4.93	-2.e-002	-5.698e-003
340	2.817	2.717	-4.91	0.	0.
341	2.833	2.733	-4.94	-3.e-002	-8.547e-003
342	2.833	2.733	-4.93	-2.e-002	-5.698e-003
343	2.85	2.75	-4.92	-1.e-002	-2.849e-003
344	2.85	2.75	-4.92	-1.e-002	-2.849e-003
345	2.867	2.767	-4.93	-2.e-002	-5.698e-003
346	2.867	2.767	-4.91	0.	0.

347	2.883	2.783	-4.95	-4.e-002	-1.14e-002
348	2.883	2.783	-4.94	-3.e-002	-8.547e-003
349	2.9	2.8	-4.94	-3.e-002	-8.547e-003
350	2.9	2.8	-4.93	-2.e-002	-5.698e-003
351	2.917	2.817	-4.93	-2.e-002	-5.698e-003
352	2.917	2.817	-4.92	-1.e-002	-2.849e-003
353	2.933	2.833	-4.93	-2.e-002	-5.698e-003
354	2.933	2.833	-4.95	-4.e-002	-1.14e-002
355	2.95	2.85	-4.92	-1.e-002	-2.849e-003
356	2.95	2.85	-4.94	-3.e-002	-8.547e-003
357	2.967	2.867	-4.93	-2.e-002	-5.698e-003
358	2.967	2.867	-4.92	-1.e-002	-2.849e-003
359	2.983	2.883	-4.94	-3.e-002	-8.547e-003
360	2.983	2.883	-4.94	-3.e-002	-8.547e-003
361	3.	2.9	-4.93	-2.e-002	-5.698e-003
362	3.	2.9	-4.92	-1.e-002	-2.849e-003
363	3.017	2.917	-4.93	-2.e-002	-5.698e-003
364	3.017	2.917	-4.94	-3.e-002	-8.547e-003
365	3.033	2.933	-4.93	-2.e-002	-5.698e-003
366	3.033	2.933	-4.93	-2.e-002	-5.698e-003
367	3.05	2.95	-4.94	-3.e-002	-8.547e-003
368	3.05	2.95	-4.94	-3.e-002	-8.547e-003
369	3.067	2.967	-4.94	-3.e-002	-8.547e-003
370	3.067	2.967	-4.93	-2.e-002	-5.698e-003
371	3.083	2.983	-4.91	0.	0.
372	3.083	2.983	-4.93	-2.e-002	-5.698e-003
373	3.1	3.	-4.94	-3.e-002	-8.547e-003
374	3.1	3.	-4.94	-3.e-002	-8.547e-003
375	3.117	3.017	-4.94	-3.e-002	-8.547e-003
376	3.117	3.017	-4.94	-3.e-002	-8.547e-003
377	3.133	3.033	-4.93	-2.e-002	-5.698e-003
378	3.133	3.033	-4.94	-3.e-002	-8.547e-003
379	3.15	3.05	-4.93	-2.e-002	-5.698e-003
380	3.15	3.05	-4.93	-2.e-002	-5.698e-003
381	3.167	3.067	-4.93	-2.e-002	-5.698e-003
382	3.167	3.067	-4.92	-1.e-002	-2.849e-003
383	3.183	3.083	-4.94	-3.e-002	-8.547e-003
384	3.183	3.083	-4.95	-4.e-002	-1.14e-002
385	3.2	3.1	-4.94	-3.e-002	-8.547e-003
386	3.2	3.1	-4.95	-4.e-002	-1.14e-002
387	3.217	3.117	-4.94	-3.e-002	-8.547e-003
388	3.217	3.117	-4.95	-4.e-002	-1.14e-002
389	3.233	3.133	-4.94	-3.e-002	-8.547e-003
390	3.233	3.133	-4.94	-3.e-002	-8.547e-003
391	3.25	3.15	-4.94	-3.e-002	-8.547e-003
392	3.25	3.15	-4.94	-3.e-002	-8.547e-003
393	3.267	3.167	-4.92	-1.e-002	-2.849e-003
394	3.267	3.167	-4.92	-1.e-002	-2.849e-003
395	3.283	3.183	-4.94	-3.e-002	-8.547e-003
396	3.283	3.183	-4.91	0.	0.
397	3.3	3.2	-4.95	-4.e-002	-1.14e-002
398	3.3	3.2	-4.96	-5.e-002	-1.425e-002
399	3.317	3.217	-4.95	-4.e-002	-1.14e-002
400	3.317	3.217	-4.95	-4.e-002	-1.14e-002
401	3.333	3.233	-4.92	-1.e-002	-2.849e-003
402	3.333	3.233	-4.94	-3.e-002	-8.547e-003
403	3.35	3.25	-4.93	-2.e-002	-5.698e-003
404	3.35	3.25	-4.94	-3.e-002	-8.547e-003
405	3.367	3.267	-4.92	-1.e-002	-2.849e-003
406	3.367	3.267	-4.94	-3.e-002	-8.547e-003
407	3.383	3.283	-4.94	-3.e-002	-8.547e-003
408	3.383	3.283	-4.93	-2.e-002	-5.698e-003

409	3.4	3.3	-4.92	-1.e-002	-2.849e-003
410	3.4	3.3	-4.95	-4.e-002	-1.14e-002
411	3.417	3.317	-4.93	-2.e-002	-5.698e-003
412	3.417	3.317	-4.93	-2.e-002	-5.698e-003
413	3.433	3.333	-4.94	-3.e-002	-8.547e-003
414	3.433	3.333	-4.94	-3.e-002	-8.547e-003
415	3.45	3.35	-4.93	-2.e-002	-5.698e-003
416	3.45	3.35	-4.93	-2.e-002	-5.698e-003
417	3.467	3.367	-4.94	-3.e-002	-8.547e-003
418	3.467	3.367	-4.91	0.	0.
419	3.483	3.383	-4.93	-2.e-002	-5.698e-003
420	3.483	3.383	-4.94	-3.e-002	-8.547e-003
421	3.5	3.4	-4.93	-2.e-002	-5.698e-003
422	3.5	3.4	-4.93	-2.e-002	-5.698e-003
423	3.517	3.417	-4.92	-1.e-002	-2.849e-003
424	3.517	3.417	-4.93	-2.e-002	-5.698e-003
425	3.533	3.433	-4.91	0.	0.
426	3.533	3.433	-4.93	-2.e-002	-5.698e-003
427	3.55	3.45	-4.93	-2.e-002	-5.698e-003
428	3.55	3.45	-4.94	-3.e-002	-8.547e-003
429	3.567	3.467	-4.93	-2.e-002	-5.698e-003
430	3.567	3.467	-4.94	-3.e-002	-8.547e-003
431	3.583	3.483	-4.94	-3.e-002	-8.547e-003
432	3.583	3.483	-4.94	-3.e-002	-8.547e-003
433	3.6	3.5	-4.95	-4.e-002	-1.14e-002
434	3.6	3.5	-4.93	-2.e-002	-5.698e-003
435	3.617	3.517	-4.92	-1.e-002	-2.849e-003
436	3.617	3.517	-4.92	-1.e-002	-2.849e-003
437	3.633	3.533	-4.91	0.	0.
438	3.633	3.533	-4.93	-2.e-002	-5.698e-003
439	3.65	3.55	-4.93	-2.e-002	-5.698e-003
440	3.65	3.55	-4.93	-2.e-002	-5.698e-003
441	3.667	3.567	-4.91	0.	0.
442	3.667	3.567	-4.92	-1.e-002	-2.849e-003
443	3.683	3.583	-4.92	-1.e-002	-2.849e-003
444	3.683	3.583	-4.93	-2.e-002	-5.698e-003
445	3.7	3.6	-4.93	-2.e-002	-5.698e-003
446	3.7	3.6	-4.94	-3.e-002	-8.547e-003
447	3.717	3.617	-4.94	-3.e-002	-8.547e-003
448	3.717	3.617	-4.95	-4.e-002	-1.14e-002
449	3.733	3.633	-4.93	-2.e-002	-5.698e-003
450	3.733	3.633	-4.94	-3.e-002	-8.547e-003
451	3.75	3.65	-4.93	-2.e-002	-5.698e-003
452	3.75	3.65	-4.95	-4.e-002	-1.14e-002
453	3.767	3.667	-4.94	-3.e-002	-8.547e-003
454	3.767	3.667	-4.93	-2.e-002	-5.698e-003
455	3.783	3.683	-4.94	-3.e-002	-8.547e-003
456	3.783	3.683	-4.93	-2.e-002	-5.698e-003
457	3.8	3.7	-4.95	-4.e-002	-1.14e-002
458	3.8	3.7	-4.93	-2.e-002	-5.698e-003
459	3.817	3.717	-4.94	-3.e-002	-8.547e-003
460	3.817	3.717	-4.92	-1.e-002	-2.849e-003
461	3.833	3.733	-4.95	-4.e-002	-1.14e-002
462	3.833	3.733	-4.93	-2.e-002	-5.698e-003
463	3.85	3.75	-4.95	-4.e-002	-1.14e-002
464	3.85	3.75	-4.93	-2.e-002	-5.698e-003
465	3.867	3.767	-4.92	-1.e-002	-2.849e-003
466	3.867	3.767	-4.93	-2.e-002	-5.698e-003
467	3.883	3.783	-4.94	-3.e-002	-8.547e-003
468	3.883	3.783	-4.93	-2.e-002	-5.698e-003
469	3.9	3.8	-4.93	-2.e-002	-5.698e-003
470	3.9	3.8	-4.95	-4.e-002	-1.14e-002

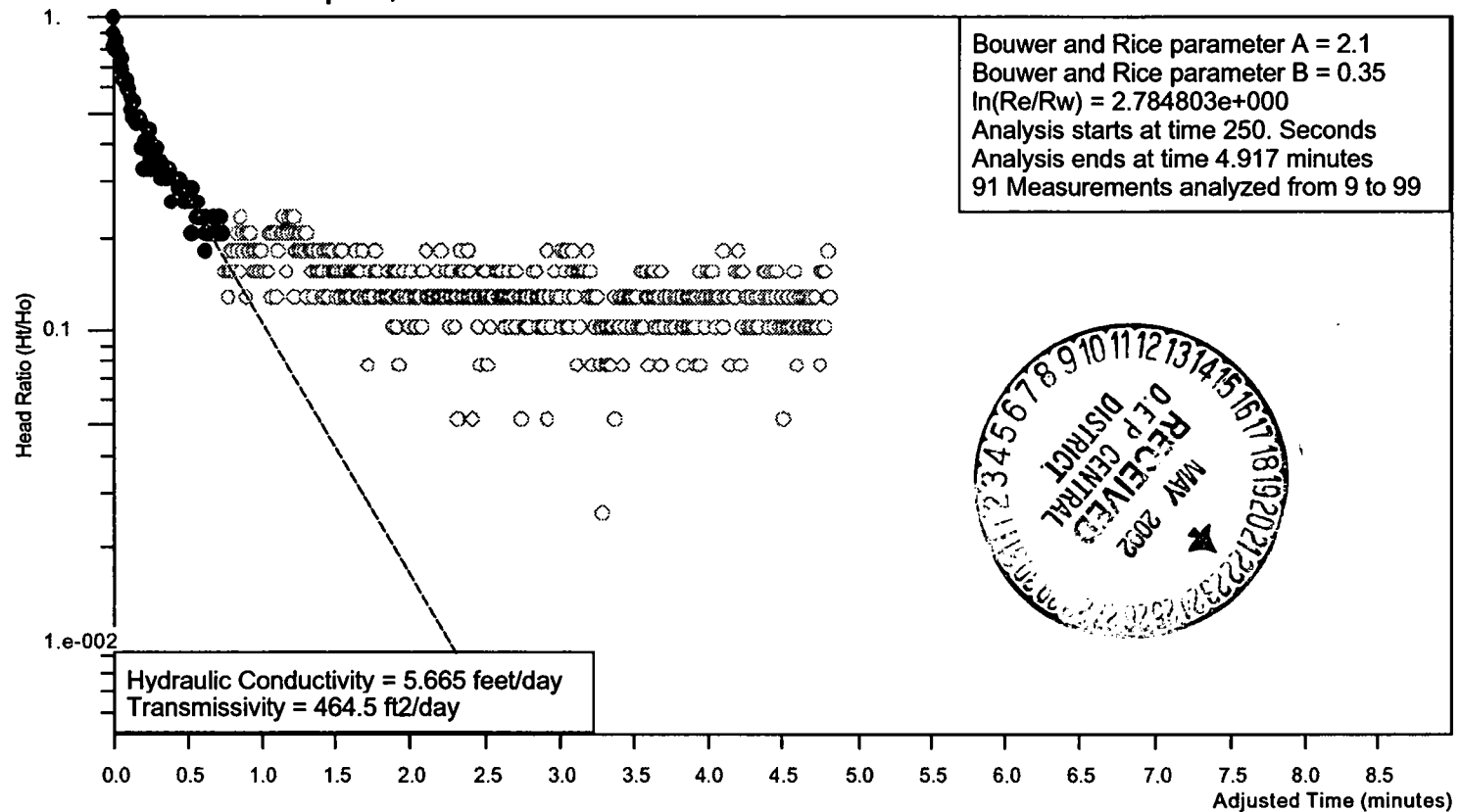
471	3.917	3.817	-4.94	-3.e-002	-8.547e-003
472	3.917	3.817	-4.92	-1.e-002	-2.849e-003
473	3.933	3.833	-4.92	-1.e-002	-2.849e-003
474	3.933	3.833	-4.92	-1.e-002	-2.849e-003
475	3.95	3.85	-4.93	-2.e-002	-5.698e-003
476	3.95	3.85	-4.93	-2.e-002	-5.698e-003
477	3.967	3.867	-4.93	-2.e-002	-5.698e-003
478	3.967	3.867	-4.93	-2.e-002	-5.698e-003
479	3.983	3.883	-4.93	-2.e-002	-5.698e-003
480	3.983	3.883	-4.89	2.e-002	5.698e-003
481	4.	3.9	-4.91	0.	0.
482	4.	3.9	-4.92	-1.e-002	-2.849e-003
483	4.017	3.917	-4.93	-2.e-002	-5.698e-003
484	4.017	3.917	-4.94	-3.e-002	-8.547e-003
485	4.033	3.933	-4.92	-1.e-002	-2.849e-003
486	4.033	3.933	-4.94	-3.e-002	-8.547e-003
487	4.05	3.95	-4.93	-2.e-002	-5.698e-003
488	4.05	3.95	-4.91	0.	0.
489	4.067	3.967	-4.93	-2.e-002	-5.698e-003
490	4.067	3.967	-4.93	-2.e-002	-5.698e-003
491	4.083	3.983	-4.93	-2.e-002	-5.698e-003
492	4.083	3.983	-4.92	-1.e-002	-2.849e-003
493	4.1	4.	-4.93	-2.e-002	-5.698e-003
494	4.1	4.	-4.91	0.	0.
495	4.117	4.017	-4.89	2.e-002	5.698e-003
496	4.117	4.017	-4.93	-2.e-002	-5.698e-003
497	4.133	4.033	-4.93	-2.e-002	-5.698e-003

Slugtest - Slugout - SZ-3 12/1/01

Oak Hammock Holopaw, Florida

Bouwer and Rice Graph

SZ-3



Project Number: 48OH01 for OMNI Waste
Analysis by Starpoint Software

Slugtest - Slugout - SZ-3

Site Name: Oak Hammock
 Location: Holopaw, Florida
 Test Date: 12/1/01
 Client: OMNI Waste
 Project Number: 48OH01
 Import File: C:\and SettingsRosseter.PCLAPTOPDataCompensated.lev

Well Label: SZ-3
 Aquifer Thickness: 82. feet
 Screen Length: 5. feet
 Casing Radius: 1. Inches
 Effective Radius: 3. Inches
 Static Water Level: -4.91 feet
 Water Table to Screen Bottom: 73.95 feet
 Anisotropy Ratio: 1.
 Time Adjustment: 250. Seconds
 Test starts with trial 5
 There are 587 time and drawdown measurements
 Maximum head is 4.54 feet
 Minimum head is -2.e-002 feet

Trial	Time (minutes)	Adjusted Time (minutes)	Drawdown (feet)	Head (feet)	Head Ratio
1	4.1	-6.7e-002	-4.91	0.	0.
2	4.117	-5.e-002 -4.89	-2.e-002	-4.405e-003	
3	4.117	-5.e-002 -4.93	2.e-002	4.405e-003	
4	4.133	-3.4e-002	-4.93	2.e-002	4.405e-003
5	4.133	-3.4e-002	-7.76	2.85	0.6278
6	4.15	-1.7e-002	-9.45	4.54	1.
7	4.15	-1.7e-002	-5.85	0.94	0.207
8	4.167	0. -5.45	0.54	0.1189	
9	4.167	0. -5.3	0.39	8.59e-002	
10	4.183	1.6e-002-5.26	0.35	7.709e-002	
11	4.183	1.6e-002-5.23	0.32	7.048e-002	
12	4.2	3.3e-002-5.22	0.31	6.828e-002	
13	4.2	3.3e-002-5.24	0.33	7.269e-002	
14	4.217	5.e-002 -5.22	0.31	6.828e-002	
15	4.217	5.e-002 -5.22	0.31	6.828e-002	
16	4.233	6.6e-002-5.2	0.29	6.388e-002	
17	4.233	6.6e-002-5.18	0.27	5.947e-002	
18	4.25	8.3e-002-5.16	0.25	5.507e-002	
19	4.25	8.3e-002-5.16	0.25	5.507e-002	
20	4.267	0.1 -5.16	0.25	5.507e-002	
21	4.267	0.1 -5.15	0.24	5.286e-002	
22	4.283	0.116 -5.14	0.23	5.066e-002	
23	4.283	0.116 -5.14	0.23	5.066e-002	
24	4.3	0.133 -5.13	0.22	4.846e-002	
25	4.3	0.133 -5.11	0.2	4.405e-002	
26	4.317	0.15 -5.1	0.19	4.185e-002	
27	4.317	0.15 -5.12	0.21	4.626e-002	
28	4.333	0.166 -5.09	0.18	3.965e-002	
29	4.333	0.166 -5.09	0.18	3.965e-002	
30	4.35	0.183 -5.1	0.19	4.185e-002	
31	4.35	0.183 -5.1	0.19	4.185e-002	
32	4.367	0.2 -5.09	0.18	3.965e-002	
33	4.367	0.2 -5.06	0.15	3.304e-002	
34	4.383	0.216 -5.04	0.13	2.863e-002	
35	4.383	0.216 -5.06	0.15	3.304e-002	
36	4.4	0.233 -5.06	0.15	3.304e-002	

37	4.4	0.233	-5.07	0.16	3.524e-002
38	4.417	0.25	-5.08	0.17	3.744e-002
39	4.417	0.25	-5.07	0.16	3.524e-002
40	4.433	0.266	-5.05	0.14	3.084e-002
41	4.433	0.266	-5.04	0.13	2.863e-002
42	4.45	0.283	-5.06	0.15	3.304e-002
43	4.45	0.283	-5.05	0.14	3.084e-002
44	4.467	0.3	-5.06	0.15	3.304e-002
45	4.467	0.3	-5.05	0.14	3.084e-002
46	4.483	0.316	-5.05	0.14	3.084e-002
47	4.483	0.316	-5.04	0.13	2.863e-002
48	4.5	0.333	-5.04	0.13	2.863e-002
49	4.5	0.333	-5.03	0.12	2.643e-002
50	4.517	0.35	-5.03	0.12	2.643e-002
51	4.517	0.35	-5.04	0.13	2.863e-002
52	4.533	0.366	-5.03	0.12	2.643e-002
53	4.533	0.366	-5.03	0.12	2.643e-002
54	4.55	0.383	-5.04	0.13	2.863e-002
55	4.55	0.383	-5.03	0.12	2.643e-002
56	4.567	0.4	-5.01	1.e-001	2.203e-002
57	4.567	0.4	-5.03	0.12	2.643e-002
58	4.583	0.416	-5.03	0.12	2.643e-002
59	4.583	0.416	-5.03	0.12	2.643e-002
60	4.6	0.433	-5.03	0.12	2.643e-002
61	4.6	0.433	-5.03	0.12	2.643e-002
62	4.617	0.45	-5.03	0.12	2.643e-002
63	4.617	0.45	-5.02	0.11	2.423e-002
64	4.633	0.466	-5.02	0.11	2.423e-002
65	4.633	0.466	-5.02	0.11	2.423e-002
66	4.65	0.483	-5.01	1.e-001	2.203e-002
67	4.65	0.483	-5.01	1.e-001	2.203e-002
68	4.667	0.5	-5.01	1.e-001	2.203e-002
69	4.667	0.5	-5.01	1.e-001	2.203e-002
70	4.683	0.516	-5.02	0.11	2.423e-002
71	4.683	0.516	-5.01	1.e-001	2.203e-002
72	4.7	0.533	-5.02	0.11	2.423e-002
73	4.7	0.533	-4.99	8.e-002	1.762e-002
74	4.717	0.55	-5.01	1.e-001	2.203e-002
75	4.717	0.55	-5.01	1.e-001	2.203e-002
76	4.733	0.566	-5.01	1.e-001	2.203e-002
77	4.733	0.566	-5.	9.e-002	1.982e-002
78	4.75	0.583	-5.	9.e-002	1.982e-002
79	4.75	0.583	-5.	9.e-002	1.982e-002
80	4.767	0.6	-5.	9.e-002	1.982e-002
81	4.767	0.6	-5.	9.e-002	1.982e-002
82	4.783	0.616	-4.99	8.e-002	1.762e-002
83	4.783	0.616	-5.	9.e-002	1.982e-002
84	4.8	0.633	-4.98	7.e-002	1.542e-002
85	4.8	0.633	-4.99	8.e-002	1.762e-002
86	4.817	0.65	-4.99	8.e-002	1.762e-002
87	4.817	0.65	-4.99	8.e-002	1.762e-002
88	4.833	0.666	-4.99	8.e-002	1.762e-002
89	4.833	0.666	-4.99	8.e-002	1.762e-002
90	4.85	0.683	-5.	9.e-002	1.982e-002
91	4.85	0.683	-4.99	8.e-002	1.762e-002
92	4.867	0.7	-4.99	8.e-002	1.762e-002
93	4.867	0.7	-5.	9.e-002	1.982e-002
94	4.883	0.716	-5.	9.e-002	1.982e-002
95	4.883	0.716	-4.99	8.e-002	1.762e-002
96	4.9	0.733	-5.	9.e-002	1.982e-002
97	4.9	0.733	-4.99	8.e-002	1.762e-002
98	4.917	0.75	-4.99	8.e-002	1.762e-002

99	4.917	0.75	-4.99	8.e-002	1.762e-002
100	4.933	0.766	-4.97	6.e-002	1.322e-002
101	4.933	0.766	-4.97	6.e-002	1.322e-002
102	4.95	0.783	-4.97	6.e-002	1.322e-002
103	4.95	0.783	-4.96	5.e-002	1.101e-002
104	4.967	0.8	-4.98	7.e-002	1.542e-002
105	4.967	0.8	-4.97	6.e-002	1.322e-002
106	4.983	0.816	-4.98	7.e-002	1.542e-002
107	4.983	0.816	-4.97	6.e-002	1.322e-002
108	5.	0.833	-4.97	6.e-002	1.322e-002
109	5.	0.833	-4.97	6.e-002	1.322e-002
110	5.017	0.85	-4.99	8.e-002	1.762e-002
111	5.017	0.85	-4.98	7.e-002	1.542e-002
112	5.033	0.866	-4.97	6.e-002	1.322e-002
113	5.033	0.866	-5.	9.e-002	1.982e-002
114	5.05	0.883	-4.99	8.e-002	1.762e-002
115	5.05	0.883	-4.98	7.e-002	1.542e-002
116	5.067	0.9	-4.96	5.e-002	1.101e-002
117	5.067	0.9	-4.99	8.e-002	1.762e-002
118	5.083	0.916	-4.98	7.e-002	1.542e-002
119	5.083	0.916	-4.99	8.e-002	1.762e-002
120	5.1	0.933	-4.98	7.e-002	1.542e-002
121	5.1	0.933	-4.99	8.e-002	1.762e-002
122	5.117	0.95	-4.97	6.e-002	1.322e-002
123	5.117	0.95	-4.98	7.e-002	1.542e-002
124	5.133	0.966	-4.97	6.e-002	1.322e-002
125	5.133	0.966	-4.98	7.e-002	1.542e-002
126	5.15	0.983	-4.98	7.e-002	1.542e-002
127	5.15	0.983	-4.97	6.e-002	1.322e-002
128	5.167	1.	-4.98	7.e-002	1.542e-002
129	5.167	1.	-4.97	6.e-002	1.322e-002
130	5.183	1.016	-4.97	6.e-002	1.322e-002
131	5.183	1.016	-4.97	6.e-002	1.322e-002
132	5.2	1.033	-4.97	6.e-002	1.322e-002
133	5.2	1.033	-4.97	6.e-002	1.322e-002
134	5.217	1.05	-4.97	6.e-002	1.322e-002
135	5.217	1.05	-4.99	8.e-002	1.762e-002
136	5.233	1.066	-4.96	5.e-002	1.101e-002
137	5.233	1.066	-4.99	8.e-002	1.762e-002
138	5.25	1.083	-4.99	8.e-002	1.762e-002
139	5.25	1.083	-4.99	8.e-002	1.762e-002
140	5.267	1.1	-4.96	5.e-002	1.101e-002
141	5.267	1.1	-4.99	8.e-002	1.762e-002
142	5.283	1.116	-4.98	7.e-002	1.542e-002
143	5.283	1.116	-4.98	7.e-002	1.542e-002
144	5.3	1.133	-4.99	8.e-002	1.762e-002
145	5.3	1.133	-4.99	8.e-002	1.762e-002
146	5.317	1.15	-5.	9.e-002	1.982e-002
147	5.317	1.15	-4.99	8.e-002	1.762e-002
148	5.333	1.166	-4.97	6.e-002	1.322e-002
149	5.333	1.166	-4.99	8.e-002	1.762e-002
150	5.35	1.183	-4.99	8.e-002	1.762e-002
151	5.35	1.183	-5.	9.e-002	1.982e-002
152	5.367	1.2	-4.99	8.e-002	1.762e-002
153	5.367	1.2	-5.	9.e-002	1.982e-002
154	5.383	1.216	-5.	9.e-002	1.982e-002
155	5.383	1.216	-4.96	5.e-002	1.101e-002
156	5.4	1.233	-4.98	7.e-002	1.542e-002
157	5.4	1.233	-4.99	8.e-002	1.762e-002
158	5.417	1.25	-4.98	7.e-002	1.542e-002
159	5.417	1.25	-4.98	7.e-002	1.542e-002
160	5.433	1.266	-4.99	8.e-002	1.762e-002

161	5.433	1.266	-4.99	8.e-002	1.762e-002
162	5.45	1.283	-4.99	8.e-002	1.762e-002
163	5.45	1.283	-4.98	7.e-002	1.542e-002
164	5.467	1.3	-4.99	8.e-002	1.762e-002
165	5.467	1.3	-4.98	7.e-002	1.542e-002
166	5.483	1.316	-4.99	8.e-002	1.762e-002
167	5.483	1.316	-4.96	5.e-002	1.101e-002
168	5.5	1.333	-4.98	7.e-002	1.542e-002
169	5.5	1.333	-4.98	7.e-002	1.542e-002
170	5.517	1.35	-4.97	6.e-002	1.322e-002
171	5.517	1.35	-4.98	7.e-002	1.542e-002
172	5.533	1.366	-4.98	7.e-002	1.542e-002
173	5.533	1.366	-4.96	5.e-002	1.101e-002
174	5.55	1.383	-4.97	6.e-002	1.322e-002
175	5.55	1.383	-4.97	6.e-002	1.322e-002
176	5.567	1.4	-4.98	7.e-002	1.542e-002
177	5.567	1.4	-4.97	6.e-002	1.322e-002
178	5.583	1.416	-4.96	5.e-002	1.101e-002
179	5.583	1.416	-4.97	6.e-002	1.322e-002
180	5.6	1.433	-4.98	7.e-002	1.542e-002
181	5.6	1.433	-4.96	5.e-002	1.101e-002
182	5.617	1.45	-4.96	5.e-002	1.101e-002
183	5.617	1.45	-4.98	7.e-002	1.542e-002
184	5.633	1.466	-4.98	7.e-002	1.542e-002
185	5.633	1.466	-4.97	6.e-002	1.322e-002
186	5.65	1.483	-4.97	6.e-002	1.322e-002
187	5.65	1.483	-4.98	7.e-002	1.542e-002
188	5.667	1.5	-4.97	6.e-002	1.322e-002
189	5.667	1.5	-4.97	6.e-002	1.322e-002
190	5.683	1.516	-4.97	6.e-002	1.322e-002
191	5.683	1.516	-4.96	5.e-002	1.101e-002
192	5.7	1.533	-4.96	5.e-002	1.101e-002
193	5.7	1.533	-4.98	7.e-002	1.542e-002
194	5.717	1.55	-4.98	7.e-002	1.542e-002
195	5.717	1.55	-4.97	6.e-002	1.322e-002
196	5.733	1.566	-4.97	6.e-002	1.322e-002
197	5.733	1.566	-4.96	5.e-002	1.101e-002
198	5.75	1.583	-4.96	5.e-002	1.101e-002
199	5.75	1.583	-4.96	5.e-002	1.101e-002
200	5.767	1.6	-4.96	5.e-002	1.101e-002
201	5.767	1.6	-4.97	6.e-002	1.322e-002
202	5.783	1.616	-4.97	6.e-002	1.322e-002
203	5.783	1.616	-4.97	6.e-002	1.322e-002
204	5.8	1.633	-4.97	6.e-002	1.322e-002
205	5.8	1.633	-4.98	7.e-002	1.542e-002
206	5.817	1.65	-4.97	6.e-002	1.322e-002
207	5.817	1.65	-4.96	5.e-002	1.101e-002
208	5.833	1.666	-4.96	5.e-002	1.101e-002
209	5.833	1.666	-4.97	6.e-002	1.322e-002
210	5.85	1.683	-4.98	7.e-002	1.542e-002
211	5.85	1.683	-4.98	7.e-002	1.542e-002
212	5.867	1.7	-4.96	5.e-002	1.101e-002
213	5.867	1.7	-4.96	5.e-002	1.101e-002
214	5.883	1.716	-4.94	3.e-002	6.608e-003
215	5.883	1.716	-4.96	5.e-002	1.101e-002
216	5.9	1.733	-4.96	5.e-002	1.101e-002
217	5.9	1.733	-4.97	6.e-002	1.322e-002
218	5.917	1.75	-4.96	5.e-002	1.101e-002
219	5.917	1.75	-4.96	5.e-002	1.101e-002
220	5.933	1.766	-4.97	6.e-002	1.322e-002
221	5.933	1.766	-4.98	7.e-002	1.542e-002
222	5.95	1.783	-4.97	6.e-002	1.322e-002

223	5.95	1.783	-4.97	6.e-002	1.322e-002
224	5.967	1.8	-4.96	5.e-002	1.101e-002
225	5.967	1.8	-4.96	5.e-002	1.101e-002
226	5.983	1.816	-4.96	5.e-002	1.101e-002
227	5.983	1.816	-4.96	5.e-002	1.101e-002
228	6.	1.833	-4.96	5.e-002	1.101e-002
229	6.	1.833	-4.96	5.e-002	1.101e-002
230	6.017	1.85	-4.96	5.e-002	1.101e-002
231	6.017	1.85	-4.97	6.e-002	1.322e-002
232	6.033	1.866	-4.96	5.e-002	1.101e-002
233	6.033	1.866	-4.96	5.e-002	1.101e-002
234	6.05	1.883	-4.97	6.e-002	1.322e-002
235	6.05	1.883	-4.95	4.e-002	8.811e-003
236	6.067	1.9	-4.95	4.e-002	8.811e-003
237	6.067	1.9	-4.96	5.e-002	1.101e-002
238	6.083	1.916	-4.97	6.e-002	1.322e-002
239	6.083	1.916	-4.96	5.e-002	1.101e-002
240	6.1	1.933	-4.94	3.e-002	6.608e-003
241	6.1	1.933	-4.96	5.e-002	1.101e-002
242	6.117	1.95	-4.96	5.e-002	1.101e-002
243	6.117	1.95	-4.96	5.e-002	1.101e-002
244	6.133	1.966	-4.97	6.e-002	1.322e-002
245	6.133	1.966	-4.97	6.e-002	1.322e-002
246	6.15	1.983	-4.96	5.e-002	1.101e-002
247	6.15	1.983	-4.96	5.e-002	1.101e-002
248	6.167	2.	-4.96	5.e-002	1.101e-002
249	6.167	2.	-4.95	4.e-002	8.811e-003
250	6.183	2.016	-4.97	6.e-002	1.322e-002
251	6.183	2.016	-4.97	6.e-002	1.322e-002
252	6.2	2.033	-4.95	4.e-002	8.811e-003
253	6.2	2.033	-4.96	5.e-002	1.101e-002
254	6.217	2.05	-4.96	5.e-002	1.101e-002
255	6.217	2.05	-4.95	4.e-002	8.811e-003
256	6.233	2.066	-4.96	5.e-002	1.101e-002
257	6.233	2.066	-4.96	5.e-002	1.101e-002
258	6.25	2.083	-4.97	6.e-002	1.322e-002
259	6.25	2.083	-4.95	4.e-002	8.811e-003
260	6.267	2.1	-4.97	6.e-002	1.322e-002
261	6.267	2.1	-4.97	6.e-002	1.322e-002
262	6.283	2.116	-4.98	7.e-002	1.542e-002
263	6.283	2.116	-4.96	5.e-002	1.101e-002
264	6.3	2.133	-4.96	5.e-002	1.101e-002
265	6.3	2.133	-4.96	5.e-002	1.101e-002
266	6.317	2.15	-4.96	5.e-002	1.101e-002
267	6.317	2.15	-4.96	5.e-002	1.101e-002
268	6.333	2.166	-4.96	5.e-002	1.101e-002
269	6.333	2.166	-4.96	5.e-002	1.101e-002
270	6.35	2.183	-4.97	6.e-002	1.322e-002
271	6.35	2.183	-4.96	5.e-002	1.101e-002
272	6.367	2.2	-4.96	5.e-002	1.101e-002
273	6.367	2.2	-4.96	5.e-002	1.101e-002
274	6.383	2.216	-4.98	7.e-002	1.542e-002
275	6.383	2.216	-4.96	5.e-002	1.101e-002
276	6.4	2.233	-4.96	5.e-002	1.101e-002
277	6.4	2.233	-4.96	5.e-002	1.101e-002
278	6.417	2.25	-4.96	5.e-002	1.101e-002
279	6.417	2.25	-4.97	6.e-002	1.322e-002
280	6.433	2.266	-4.96	5.e-002	1.101e-002
281	6.433	2.266	-4.95	4.e-002	8.811e-003
282	6.45	2.283	-4.97	6.e-002	1.322e-002
283	6.45	2.283	-4.96	5.e-002	1.101e-002
284	6.467	2.3	-4.95	4.e-002	8.811e-003

285	6.467	2.3	-4.96	5.e-002	1.101e-002
286	6.483	2.316	-4.96	5.e-002	1.101e-002
287	6.483	2.316	-4.93	2.e-002	4.405e-003
288	6.5	2.333	-4.97	6.e-002	1.322e-002
289	6.5	2.333	-4.98	7.e-002	1.542e-002
290	6.517	2.35	-4.96	5.e-002	1.101e-002
291	6.517	2.35	-4.97	6.e-002	1.322e-002
292	6.533	2.366	-4.96	5.e-002	1.101e-002
293	6.533	2.366	-4.97	6.e-002	1.322e-002
294	6.55	2.383	-4.96	5.e-002	1.101e-002
295	6.55	2.383	-4.98	7.e-002	1.542e-002
296	6.567	2.4	-4.97	6.e-002	1.322e-002
297	6.567	2.4	-4.96	5.e-002	1.101e-002
298	6.583	2.416	-4.96	5.e-002	1.101e-002
299	6.583	2.416	-4.93	2.e-002	4.405e-003
300	6.6	2.433	-4.96	5.e-002	1.101e-002
301	6.6	2.433	-4.96	5.e-002	1.101e-002
302	6.617	2.45	-4.95	4.e-002	8.811e-003
303	6.617	2.45	-4.96	5.e-002	1.101e-002
304	6.633	2.466	-4.96	5.e-002	1.101e-002
305	6.633	2.466	-4.94	3.e-002	6.608e-003
306	6.65	2.483	-4.96	5.e-002	1.101e-002
307	6.65	2.483	-4.97	6.e-002	1.322e-002
308	6.667	2.5	-4.96	5.e-002	1.101e-002
309	6.667	2.5	-4.97	6.e-002	1.322e-002
310	6.683	2.516	-4.96	5.e-002	1.101e-002
311	6.683	2.516	-4.94	3.e-002	6.608e-003
312	6.7	2.533	-4.96	5.e-002	1.101e-002
313	6.7	2.533	-4.95	4.e-002	8.811e-003
314	6.717	2.55	-4.96	5.e-002	1.101e-002
315	6.717	2.55	-4.96	5.e-002	1.101e-002
316	6.733	2.566	-4.96	5.e-002	1.101e-002
317	6.733	2.566	-4.96	5.e-002	1.101e-002
318	6.75	2.583	-4.97	6.e-002	1.322e-002
319	6.75	2.583	-4.97	6.e-002	1.322e-002
320	6.767	2.6	-4.97	6.e-002	1.322e-002
321	6.767	2.6	-4.96	5.e-002	1.101e-002
322	6.783	2.616	-4.96	5.e-002	1.101e-002
323	6.783	2.616	-4.97	6.e-002	1.322e-002
324	6.8	2.633	-4.96	5.e-002	1.101e-002
325	6.8	2.633	-4.96	5.e-002	1.101e-002
326	6.817	2.65	-4.96	5.e-002	1.101e-002
327	6.817	2.65	-4.95	4.e-002	8.811e-003
328	6.833	2.666	-4.96	5.e-002	1.101e-002
329	6.833	2.666	-4.97	6.e-002	1.322e-002
330	6.85	2.683	-4.96	5.e-002	1.101e-002
331	6.85	2.683	-4.95	4.e-002	8.811e-003
332	6.867	2.7	-4.96	5.e-002	1.101e-002
333	6.867	2.7	-4.96	5.e-002	1.101e-002
334	6.883	2.716	-4.97	6.e-002	1.322e-002
335	6.883	2.716	-4.95	4.e-002	8.811e-003
336	6.9	2.733	-4.96	5.e-002	1.101e-002
337	6.9	2.733	-4.96	5.e-002	1.101e-002
338	6.917	2.75	-4.93	2.e-002	4.405e-003
339	6.917	2.75	-4.96	5.e-002	1.101e-002
340	6.933	2.766	-4.95	4.e-002	8.811e-003
341	6.933	2.766	-4.96	5.e-002	1.101e-002
342	6.95	2.783	-4.95	4.e-002	8.811e-003
343	6.95	2.783	-4.96	5.e-002	1.101e-002
344	6.967	2.8	-4.95	4.e-002	8.811e-003
345	6.967	2.8	-4.96	5.e-002	1.101e-002
346	6.983	2.816	-4.96	5.e-002	1.101e-002

347	6.983	2.816	-4.96	5.e-002	1.101e-002
348	7.	2.833	-4.97	6.e-002	1.322e-002
349	7.	2.833	-4.97	6.e-002	1.322e-002
350	7.017	2.85	-4.96	5.e-002	1.101e-002
351	7.017	2.85	-4.97	6.e-002	1.322e-002
352	7.033	2.866	-4.96	5.e-002	1.101e-002
353	7.033	2.866	-4.95	4.e-002	8.811e-003
354	7.05	2.883	-4.95	4.e-002	8.811e-003
355	7.05	2.883	-4.96	5.e-002	1.101e-002
356	7.067	2.9	-4.96	5.e-002	1.101e-002
357	7.067	2.9	-4.95	4.e-002	8.811e-003
358	7.083	2.916	-4.93	2.e-002	4.405e-003
359	7.083	2.916	-4.98	7.e-002	1.542e-002
360	7.1	2.933	-4.96	5.e-002	1.101e-002
361	7.1	2.933	-4.96	5.e-002	1.101e-002
362	7.117	2.95	-4.95	4.e-002	8.811e-003
363	7.117	2.95	-4.95	4.e-002	8.811e-003
364	7.133	2.966	-4.97	6.e-002	1.322e-002
365	7.133	2.966	-4.97	6.e-002	1.322e-002
366	7.15	2.983	-4.96	5.e-002	1.101e-002
367	7.15	2.983	-4.96	5.e-002	1.101e-002
368	7.167	3.	-4.96	5.e-002	1.101e-002
369	7.167	3.	-4.96	5.e-002	1.101e-002
370	7.183	3.016	-4.95	4.e-002	8.811e-003
371	7.183	3.016	-4.98	7.e-002	1.542e-002
372	7.2	3.033	-4.97	6.e-002	1.322e-002
373	7.2	3.033	-4.98	7.e-002	1.542e-002
374	7.217	3.05	-4.98	7.e-002	1.542e-002
375	7.217	3.05	-4.95	4.e-002	8.811e-003
376	7.233	3.066	-4.96	5.e-002	1.101e-002
377	7.233	3.066	-4.95	4.e-002	8.811e-003
378	7.25	3.083	-4.98	7.e-002	1.542e-002
379	7.25	3.083	-4.97	6.e-002	1.322e-002
380	7.267	3.1	-4.96	5.e-002	1.101e-002
381	7.267	3.1	-4.97	6.e-002	1.322e-002
382	7.283	3.116	-4.94	3.e-002	6.608e-003
383	7.283	3.116	-4.97	6.e-002	1.322e-002
384	7.3	3.133	-4.95	4.e-002	8.811e-003
385	7.3	3.133	-4.97	6.e-002	1.322e-002
386	7.317	3.15	-4.97	6.e-002	1.322e-002
387	7.317	3.15	-4.97	6.e-002	1.322e-002
388	7.333	3.166	-4.97	6.e-002	1.322e-002
389	7.333	3.166	-4.97	6.e-002	1.322e-002
390	7.35	3.183	-4.96	5.e-002	1.101e-002
391	7.35	3.183	-4.98	7.e-002	1.542e-002
392	7.367	3.2	-4.97	6.e-002	1.322e-002
393	7.367	3.2	-4.97	6.e-002	1.322e-002
394	7.383	3.216	-4.97	6.e-002	1.322e-002
395	7.383	3.216	-4.97	6.e-002	1.322e-002
396	7.4	3.233	-4.94	3.e-002	6.608e-003
397	7.4	3.233	-4.96	5.e-002	1.101e-002
398	7.417	3.25	-4.95	4.e-002	8.811e-003
399	7.417	3.25	-4.96	5.e-002	1.101e-002
400	7.433	3.266	-4.96	5.e-002	1.101e-002
401	7.433	3.266	-4.96	5.e-002	1.101e-002
402	7.45	3.283	-4.95	4.e-002	8.811e-003
403	7.45	3.283	-4.94	3.e-002	6.608e-003
404	7.467	3.3	-4.95	4.e-002	8.811e-003
405	7.467	3.3	-4.92	1.e-002	2.203e-003
406	7.483	3.316	-4.95	4.e-002	8.811e-003
407	7.483	3.316	-4.94	3.e-002	6.608e-003
408	7.5	3.333	-4.95	4.e-002	8.811e-003

409	7.5	3.333	-4.94	3.e-002	6.608e-003
410	7.517	3.35	-4.95	4.e-002	8.811e-003
411	7.517	3.35	-4.94	3.e-002	6.608e-003
412	7.533	3.366	-4.95	4.e-002	8.811e-003
413	7.533	3.366	-4.95	4.e-002	8.811e-003
414	7.55	3.383	-4.96	5.e-002	1.101e-002
415	7.55	3.383	-4.93	2.e-002	4.405e-003
416	7.567	3.4	-4.95	4.e-002	8.811e-003
417	7.567	3.4	-4.95	4.e-002	8.811e-003
418	7.583	3.416	-4.96	5.e-002	1.101e-002
419	7.583	3.416	-4.95	4.e-002	8.811e-003
420	7.6	3.433	-4.94	3.e-002	6.608e-003
421	7.6	3.433	-4.96	5.e-002	1.101e-002
422	7.617	3.45	-4.95	4.e-002	8.811e-003
423	7.617	3.45	-4.96	5.e-002	1.101e-002
424	7.633	3.466	-4.96	5.e-002	1.101e-002
425	7.633	3.466	-4.96	5.e-002	1.101e-002
426	7.65	3.483	-4.96	5.e-002	1.101e-002
427	7.65	3.483	-4.96	5.e-002	1.101e-002
428	7.667	3.5	-4.95	4.e-002	8.811e-003
429	7.667	3.5	-4.96	5.e-002	1.101e-002
430	7.683	3.516	-4.96	5.e-002	1.101e-002
431	7.683	3.516	-4.96	5.e-002	1.101e-002
432	7.7	3.533	-4.95	4.e-002	8.811e-003
433	7.7	3.533	-4.95	4.e-002	8.811e-003
434	7.717	3.55	-4.97	6.e-002	1.322e-002
435	7.717	3.55	-4.95	4.e-002	8.811e-003
436	7.733	3.566	-4.95	4.e-002	8.811e-003
437	7.733	3.566	-4.97	6.e-002	1.322e-002
438	7.75	3.583	-4.96	5.e-002	1.101e-002
439	7.75	3.583	-4.97	6.e-002	1.322e-002
440	7.767	3.6	-4.96	5.e-002	1.101e-002
441	7.767	3.6	-4.94	3.e-002	6.608e-003
442	7.783	3.616	-4.97	6.e-002	1.322e-002
443	7.783	3.616	-4.97	6.e-002	1.322e-002
444	7.8	3.633	-4.96	5.e-002	1.101e-002
445	7.8	3.633	-4.97	6.e-002	1.322e-002
446	7.817	3.65	-4.96	5.e-002	1.101e-002
447	7.817	3.65	-4.95	4.e-002	8.811e-003
448	7.833	3.666	-4.95	4.e-002	8.811e-003
449	7.833	3.666	-4.96	5.e-002	1.101e-002
450	7.85	3.683	-4.97	6.e-002	1.322e-002
451	7.85	3.683	-4.94	3.e-002	6.608e-003
452	7.867	3.7	-4.95	4.e-002	8.811e-003
453	7.867	3.7	-4.96	5.e-002	1.101e-002
454	7.883	3.716	-4.96	5.e-002	1.101e-002
455	7.883	3.716	-4.96	5.e-002	1.101e-002
456	7.9	3.733	-4.96	5.e-002	1.101e-002
457	7.9	3.733	-4.96	5.e-002	1.101e-002
458	7.917	3.75	-4.95	4.e-002	8.811e-003
459	7.917	3.75	-4.95	4.e-002	8.811e-003
460	7.933	3.766	-4.96	5.e-002	1.101e-002
461	7.933	3.766	-4.95	4.e-002	8.811e-003
462	7.95	3.783	-4.96	5.e-002	1.101e-002
463	7.95	3.783	-4.96	5.e-002	1.101e-002
464	7.967	3.8	-4.96	5.e-002	1.101e-002
465	7.967	3.8	-4.96	5.e-002	1.101e-002
466	7.983	3.816	-4.96	5.e-002	1.101e-002
467	7.983	3.816	-4.95	4.e-002	8.811e-003
468	8.	3.833	-4.95	4.e-002	8.811e-003
469	8.	3.833	-4.94	3.e-002	6.608e-003
470	8.017	3.85	-4.95	4.e-002	8.811e-003

471	8.017	3.85	-4.95	4.e-002	8.811e-003
472	8.033	3.866	-4.95	4.e-002	8.811e-003
473	8.033	3.866	-4.96	5.e-002	1.101e-002
474	8.05	3.883	-4.95	4.e-002	8.811e-003
475	8.05	3.883	-4.96	5.e-002	1.101e-002
476	8.067	3.9	-4.95	4.e-002	8.811e-003
477	8.067	3.9	-4.96	5.e-002	1.101e-002
478	8.083	3.916	-4.95	4.e-002	8.811e-003
479	8.083	3.916	-4.95	4.e-002	8.811e-003
480	8.1	3.933	-4.94	3.e-002	6.608e-003
481	8.1	3.933	-4.96	5.e-002	1.101e-002
482	8.117	3.95	-4.97	6.e-002	1.322e-002
483	8.117	3.95	-4.94	3.e-002	6.608e-003
484	8.133	3.966	-4.96	5.e-002	1.101e-002
485	8.133	3.966	-4.96	5.e-002	1.101e-002
486	8.15	3.983	-4.95	4.e-002	8.811e-003
487	8.15	3.983	-4.96	5.e-002	1.101e-002
488	8.167	4.	-4.96	5.e-002	1.101e-002
489	8.167	4.	-4.97	6.e-002	1.322e-002
490	8.183	4.016	-4.96	5.e-002	1.101e-002
491	8.183	4.016	-4.97	6.e-002	1.322e-002
492	8.2	4.033	-4.96	5.e-002	1.101e-002
493	8.2	4.033	-4.97	6.e-002	1.322e-002
494	8.217	4.05	-4.96	5.e-002	1.101e-002
495	8.217	4.05	-4.95	4.e-002	8.811e-003
496	8.233	4.066	-4.96	5.e-002	1.101e-002
497	8.233	4.066	-4.96	5.e-002	1.101e-002
498	8.25	4.083	-4.96	5.e-002	1.101e-002
499	8.25	4.083	-4.96	5.e-002	1.101e-002
500	8.267	4.1	-4.95	4.e-002	8.811e-003
501	8.267	4.1	-4.98	7.e-002	1.542e-002
502	8.283	4.116	-4.96	5.e-002	1.101e-002
503	8.283	4.116	-4.96	5.e-002	1.101e-002
504	8.3	4.133	-4.96	5.e-002	1.101e-002
505	8.3	4.133	-4.96	5.e-002	1.101e-002
506	8.317	4.15	-4.94	3.e-002	6.608e-003
507	8.317	4.15	-4.94	3.e-002	6.608e-003
508	8.333	4.166	-4.96	5.e-002	1.101e-002
509	8.333	4.166	-4.96	5.e-002	1.101e-002
510	8.35	4.183	-4.97	6.e-002	1.322e-002
511	8.35	4.183	-4.96	5.e-002	1.101e-002
512	8.367	4.2	-4.98	7.e-002	1.542e-002
513	8.367	4.2	-4.97	6.e-002	1.322e-002
514	8.383	4.216	-4.94	3.e-002	6.608e-003
515	8.383	4.216	-4.97	6.e-002	1.322e-002
516	8.4	4.233	-4.97	6.e-002	1.322e-002
517	8.4	4.233	-4.95	4.e-002	8.811e-003
518	8.417	4.25	-4.96	5.e-002	1.101e-002
519	8.417	4.25	-4.96	5.e-002	1.101e-002
520	8.433	4.266	-4.96	5.e-002	1.101e-002
521	8.433	4.266	-4.95	4.e-002	8.811e-003
522	8.45	4.283	-4.95	4.e-002	8.811e-003
523	8.45	4.283	-4.96	5.e-002	1.101e-002
524	8.467	4.3	-4.95	4.e-002	8.811e-003
525	8.467	4.3	-4.95	4.e-002	8.811e-003
526	8.483	4.316	-4.95	4.e-002	8.811e-003
527	8.483	4.316	-4.96	5.e-002	1.101e-002
528	8.5	4.333	-4.95	4.e-002	8.811e-003
529	8.5	4.333	-4.95	4.e-002	8.811e-003
530	8.517	4.35	-4.96	5.e-002	1.101e-002
531	8.517	4.35	-4.96	5.e-002	1.101e-002
532	8.533	4.366	-4.97	6.e-002	1.322e-002

533	8.533	4.366	-4.97	6.e-002	1.322e-002
534	8.55	4.383	-4.96	5.e-002	1.101e-002
535	8.55	4.383	-4.97	6.e-002	1.322e-002
536	8.567	4.4	-4.96	5.e-002	1.101e-002
537	8.567	4.4	-4.95	4.e-002	8.811e-003
538	8.583	4.416	-4.96	5.e-002	1.101e-002
539	8.583	4.416	-4.97	6.e-002	1.322e-002
540	8.6	4.433	-4.95	4.e-002	8.811e-003
541	8.6	4.433	-4.97	6.e-002	1.322e-002
542	8.617	4.45	-4.96	5.e-002	1.101e-002
543	8.617	4.45	-4.97	6.e-002	1.322e-002
544	8.633	4.466	-4.95	4.e-002	8.811e-003
545	8.633	4.466	-4.95	4.e-002	8.811e-003
546	8.65	4.483	-4.96	5.e-002	1.101e-002
547	8.65	4.483	-4.96	5.e-002	1.101e-002
548	8.667	4.5	-4.96	5.e-002	1.101e-002
549	8.667	4.5	-4.96	5.e-002	1.101e-002
550	8.683	4.516	-4.93	2.e-002	4.405e-003
551	8.683	4.516	-4.95	4.e-002	8.811e-003
552	8.7	4.533	-4.96	5.e-002	1.101e-002
553	8.7	4.533	-4.95	4.e-002	8.811e-003
554	8.717	4.55	-4.95	4.e-002	8.811e-003
555	8.717	4.55	-4.96	5.e-002	1.101e-002
556	8.733	4.566	-4.95	4.e-002	8.811e-003
557	8.733	4.566	-4.95	4.e-002	8.811e-003
558	8.75	4.583	-4.96	5.e-002	1.101e-002
559	8.75	4.583	-4.97	6.e-002	1.322e-002
560	8.767	4.6	-4.95	4.e-002	8.811e-003
561	8.767	4.6	-4.94	3.e-002	6.608e-003
562	8.783	4.616	-4.96	5.e-002	1.101e-002
563	8.783	4.616	-4.95	4.e-002	8.811e-003
564	8.8	4.633	-4.96	5.e-002	1.101e-002
565	8.8	4.633	-4.96	5.e-002	1.101e-002
566	8.817	4.65	-4.95	4.e-002	8.811e-003
567	8.817	4.65	-4.95	4.e-002	8.811e-003
568	8.833	4.666	-4.95	4.e-002	8.811e-003
569	8.833	4.666	-4.96	5.e-002	1.101e-002
570	8.85	4.683	-4.96	5.e-002	1.101e-002
571	8.85	4.683	-4.95	4.e-002	8.811e-003
572	8.867	4.7	-4.96	5.e-002	1.101e-002
573	8.867	4.7	-4.95	4.e-002	8.811e-003
574	8.883	4.716	-4.95	4.e-002	8.811e-003
575	8.883	4.716	-4.96	5.e-002	1.101e-002
576	8.9	4.733	-4.95	4.e-002	8.811e-003
577	8.9	4.733	-4.95	4.e-002	8.811e-003
578	8.917	4.75	-4.94	3.e-002	6.608e-003
579	8.917	4.75	-4.97	6.e-002	1.322e-002
580	8.933	4.766	-4.97	6.e-002	1.322e-002
581	8.933	4.766	-4.97	6.e-002	1.322e-002
582	8.95	4.783	-4.97	6.e-002	1.322e-002
583	8.95	4.783	-4.95	4.e-002	8.811e-003
584	8.967	4.8	-4.98	7.e-002	1.542e-002
585	8.967	4.8	-4.96	5.e-002	1.101e-002
586	8.983	4.816	-4.96	5.e-002	1.101e-002
587	8.983	4.816	-4.96	5.e-002	1.101e-002