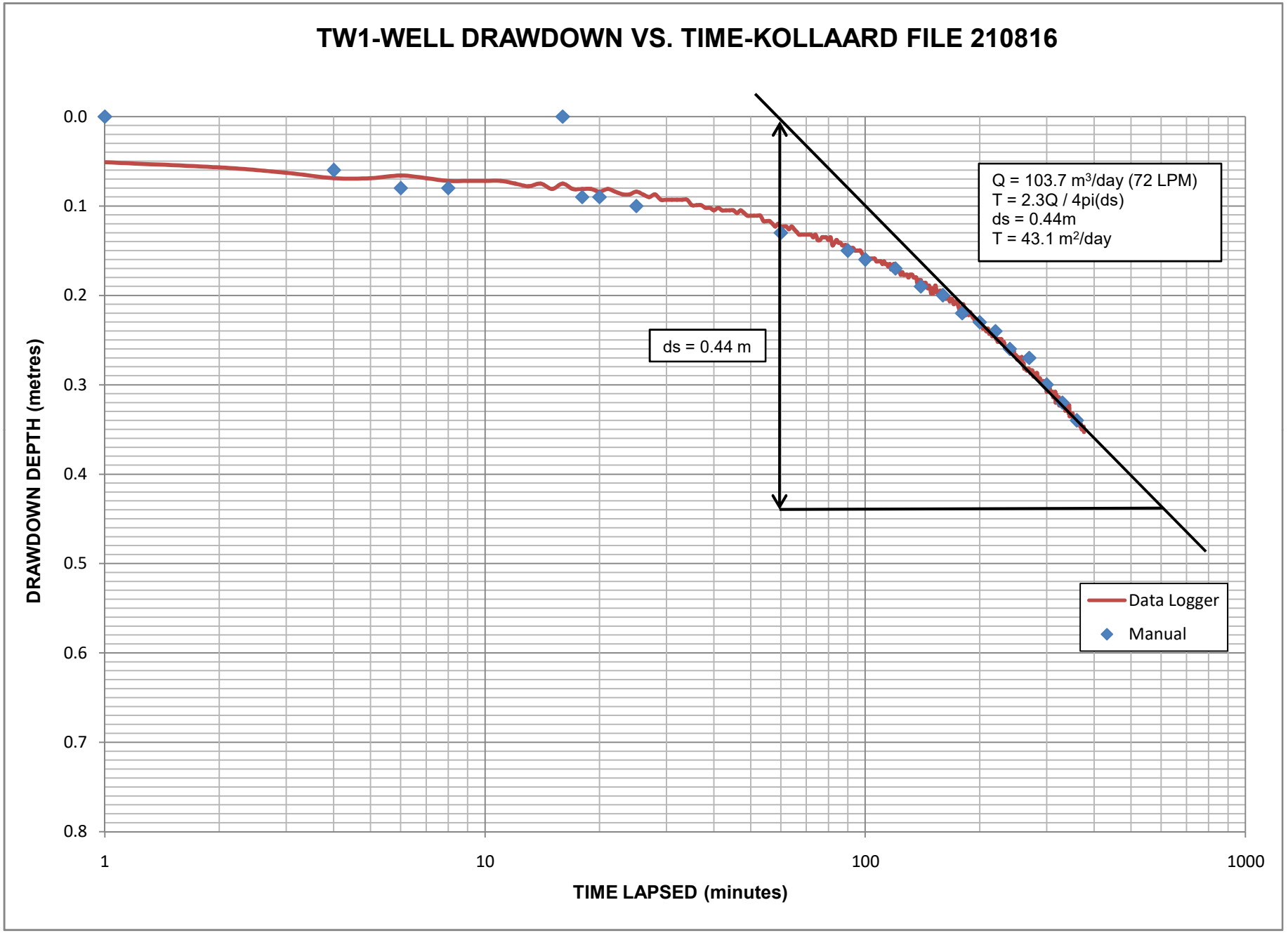
DATE	28-Jun-22
PUMPED WELL:	TW4
OBSERVATION WELL:	OW1
DISTANCE BETWEEN PUMPED WELL AND OBSERVATION WELL, r:	36.5 metres
PUMPING RATE, Q:	45.7 m3/day

	Time Lapsed (minutes)	Depth (metres)	h-ho (metres)
6/28/2022 9:40	0	-6.241	0.00
6/28/2022 9:45	5	-6.527	0.29
6/28/2022 9:50	10	-7.049	0.81
6/28/2022 9:55	15	-7.458	1.22
6/28/2022 10:00	20	-7.792	1.55
6/28/2022 10:05	25	-8.056	1.82
6/28/2022 10:10	30	-8.266	2.03
6/28/2022 10:15	35	-8.458	2.22
6/28/2022 10:20	40	-9.106	2.87
6/28/2022 10:25	45	-9.085	2.84
6/28/2022 10:30	50	-9.22	2.98
6/28/2022 10:35	55	-9.37	3.13
6/28/2022 10:40	60	-9.548	3.31
6/28/2022 10:45	65	-9.659	3.42
6/28/2022 10:50	70	-9.765	3.52
6/28/2022 10:55	75	-9.865	3.62
6/28/2022 11:00	80	-9.958	3.72
6/28/2022 11:05	85	-10.068	3.83
6/28/2022 11:10	90	-10.129	3.89
6/28/2022 11:15	95	-10.19	3.95
6/28/2022 11:20	100	-10.247	4.01
6/28/2022 11:25	105	-10.304	4.06
6/28/2022 11:30	110	-10.354	4.11
6/28/2022 11:35	115	-10.414	4.17
6/28/2022 11:40	120	-10.45	4.21
6/28/2022 11:45	125	-10.81	4.57
6/28/2022 11:50	130	-10.685	4.44
6/28/2022 11:55	135	-10.657	4.42
6/28/2022 12:00	140	-10.657	4.42
6/28/2022 12:05	145	-10.667	4.43
6/28/2022 12:10	150	-10.681	4.44
6/28/2022 12:15	155	-10.703	4.46
6/28/2022 12:20	160	-10.714	4.47
6/28/2022 12:25	165	-10.735	4.49
6/28/2022 12:30	170	-10.781	4.54
6/28/2022 12:35	175	-10.781	4.54
6/28/2022 12:40	180	-10.788	4.55
6/28/2022 12:45	185	-10.803	4.56
6/28/2022 12:50	190	-10.817	4.58
6/28/2022 12:55	195	-10.828	4.59
6/28/2022 13:00	200	-10.838	4.60
6/28/2022 13:05	205	-10.849	4.61
6/28/2022 13:10	210	-10.853	4.61
6/28/2022 13:15	215	-10.867	4.63
6/28/2022 13:20	220	-10.881	4.64
6/28/2022 13:25	225	-10.888	4.65
6/28/2022 13:30	230	-10.895	4.65
6/28/2022 13:35	235	-10.906	4.67
6/28/2022 13:40	240	-10.91	4.67

6/28/2022 13:45	245	-10.917	4.68
6/28/2022 13:50	250	-10.924	4.68
6/28/2022 13:55	255	-10.931	4.69
6/28/2022 14:00	260	-10.935	4.69
6/28/2022 14:05	265	-10.942	4.70
6/28/2022 14:10	270	-10.949	4.71
6/28/2022 14:15	275	-10.949	4.71
6/28/2022 14:20	280	-10.952	4.71
6/28/2022 14:25	285	-10.96	4.72
6/28/2022 14:30	290	-10.956	4.72
6/28/2022 14:35	295	-10.967	4.73
6/28/2022 14:40	300	-10.967	4.73
6/28/2022 14:45	305	-10.967	4.73
6/28/2022 14:50	310	-10.97	4.73
6/28/2022 14:55	315	-10.97	4.73
6/28/2022 15:00	320	-10.974	4.73
6/28/2022 15:05	325	-10.974	4.73
6/28/2022 15:10	330	-10.974	4.73
6/28/2022 15:15	335	-10.981	4.74
6/28/2022 15:20	340	-10.981	4.74
6/28/2022 15:25	345	-10.977	4.74
6/28/2022 15:30	350	-10.985	4.74
6/28/2022 15:35	355	-10.981	4.74
6/28/2022 15:40	360	-10.981	4.74
6/28/2022 15:45	365	-10.981	4.74
6/28/2022 15:50	370	-10.985	4.74
6/28/2022 15:55	375	-10.981	4.74
6/28/2022 16:00	380	-10.685	4.44
6/28/2022 16:05	385	-9.934	3.69
6/28/2022 16:10	390	-9.417	3.18
6/28/2022 16:15	395	-9.068	2.83
6/28/2022 16:20	400	-8.802	2.56
6/28/2022 16:25	405	-8.56	2.32
6/28/2022 16:30	410	-8.346	2.11
6/28/2022 16:35	415	-8.161	1.92
6/28/2022 16:40	420	-8.535	2.29
6/28/2022 16:45	425	-8.033	1.79
6/28/2022 16:50	430	-7.784	1.54
6/28/2022 16:55	435	-7.62	1.38

ATTACHMENT H

PUMPING TEST DATA FOR TW1


TW1-WELL DRAWDOWN VS. TIME-KOLLAARD FILE 210816
DRAWDOWN DEPTH (metres)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
1
10
100
1000
TIME LAPSED (minutes)
Q = 103.7 m3/day (72 LPM)
T = 2.3Q / 4pi(ds)
ds = 0.44m
T = 43.1 m2/day
ds = 0.44 m
Data Logger
Manual

Kollaard File 210816 Pump Rate 72.0 litres/minute

DRAWDOWN DATA TW1

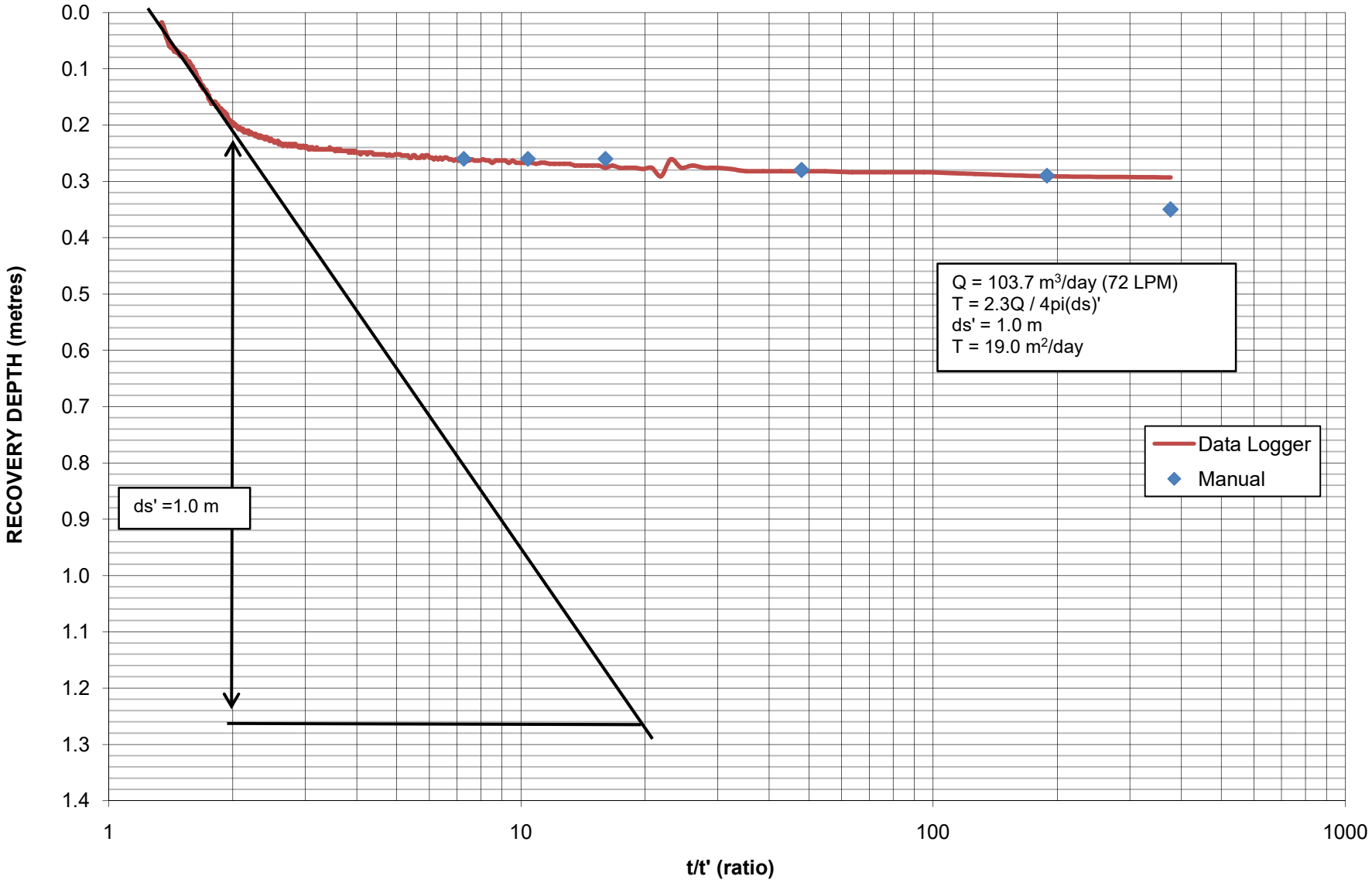
Time Lapsed (minutes)	Abs Pres (kPa)	Temp (°C)	Water Level (m)	Drawdown (m)	Water Level (Manual) (m)	Drawdown (Manual) (m)
0	290.14	8.382	-4.22	0.00	-4.22	0
1	289.641	8.382	-4.271	0.05		
2	289.582	8.382	-4.277	0.06		
3	289.523	8.382	-4.283	0.06		
4	289.465	8.382	-4.289	0.07	-4.28	0.06
5	289.465	8.382	-4.289	0.07		
6	289.494	8.382	-4.286	0.07	-4.30	0.08
7	289.465	8.382	-4.289	0.07		
8	289.435	8.382	-4.292	0.07	-4.30	0.08
9	289.435	8.382	-4.292	0.07		
10	289.435	8.382	-4.292	0.07		
11	289.435	8.382	-4.292	0.07		
12	289.406	8.382	-4.295	0.08		
13	289.377	8.382	-4.298	0.08		
14	289.406	8.382	-4.295	0.08		
15	289.347	8.382	-4.301	0.08		
16	289.406	8.382	-4.295	0.08		
17	289.347	8.382	-4.301	0.08		
18	289.347	8.382	-4.301	0.08	-4.31	0.09
19	289.347	8.382	-4.301	0.08		
20	289.318	8.382	-4.304	0.08	-4.31	0.09
21	289.347	8.382	-4.301	0.08		
22	289.318	8.382	-4.304	0.08		
23	289.289	8.382	-4.307	0.09		
24	289.289	8.382	-4.307	0.09		
25	289.318	8.382	-4.304	0.08	-4.32	0.10
26	289.289	8.382	-4.307	0.09		
27	289.259	8.382	-4.31	0.09		
28	289.289	8.382	-4.307	0.09		
29	289.23	8.382	-4.313	0.09		
30	289.23	8.382	-4.313	0.09		
31	289.23	8.382	-4.313	0.09		
32	289.23	8.382	-4.313	0.09		
33	289.23	8.382	-4.313	0.09		
34	289.23	8.382	-4.313	0.09		
35	289.171	8.382	-4.319	0.10		
36	289.171	8.382	-4.319	0.10		
37	289.171	8.382	-4.319	0.10		
38	289.142	8.382	-4.322	0.10		
39	289.142	8.382	-4.322	0.10		
40	289.112	8.382	-4.325	0.11		
41	289.142	8.382	-4.322	0.10		
42	289.112	8.382	-4.325	0.11		
43	289.112	8.382	-4.325	0.11		
44	289.112	8.382	-4.325	0.11		
45	289.112	8.382	-4.325	0.11		
46	289.083	8.382	-4.328	0.11		
47	289.112	8.382	-4.325	0.11		
48	289.083	8.382	-4.328	0.11		
49	289.054	8.382	-4.331	0.11		
50	289.054	8.382	-4.331	0.11		
51	289.054	8.382	-4.331	0.11		
52	289.054	8.382	-4.331	0.11		
53	289.054	8.382	-4.331	0.11		
54	288.995	8.382	-4.337	0.12		
55	288.995	8.382	-4.337	0.12		
56	288.995	8.382	-4.337	0.12		
57	288.966	8.382	-4.34	0.12		
58	288.936	8.382	-4.343	0.12		
59	288.966	8.382	-4.34	0.12		
60	288.936	8.382	-4.343	0.12	-4.35	0.13
61	288.936	8.382	-4.343	0.12		
62	288.936	8.382	-4.343	0.12		
63	288.907	8.382	-4.346	0.13		
64	288.936	8.382	-4.343	0.12		
65	288.907	8.382	-4.346	0.13		
66	288.878	8.382	-4.349	0.13		
67	288.848	8.382	-4.352	0.13		
68	288.848	8.382	-4.352	0.13		
69	288.848	8.382	-4.352	0.13		
70	288.848	8.382	-4.352	0.13		
71	288.848	8.382	-4.352	0.13		
72	288.848	8.382	-4.352	0.13		
73	288.819	8.382	-4.355	0.14		
74	288.848	8.382	-4.352	0.13		
75	288.79	8.382	-4.358	0.14		
76	288.79	8.382	-4.358	0.14		
77	288.819	8.382	-4.355	0.14		
78	288.819	8.382	-4.355	0.14		
79	288.819	8.382	-4.355	0.14		
80	288.79	8.382	-4.358	0.14		
81	288.819	8.382	-4.355	0.14		
82	288.731	8.382	-4.364	0.14		
83	288.76	8.382	-4.361	0.14		
84	288.79	8.382	-4.358	0.14		
85	288.76	8.382	-4.361	0.14		
86	288.76	8.382	-4.361	0.14		
87	288.731	8.382	-4.364	0.14		
88	288.731	8.382	-4.364	0.14		
89	288.731	8.382	-4.364	0.14		

90	288.672	8.382	-4.37	0.15	-4.37	0.15
91	288.701	8.382	-4.367	0.15		
92	288.701	8.382	-4.367	0.15		
93	288.701	8.382	-4.367	0.15		
94	288.672	8.382	-4.37	0.15		
95	288.672	8.382	-4.37	0.15		
96	288.672	8.382	-4.37	0.15		
97	288.672	8.382	-4.37	0.15		
98	288.643	8.382	-4.373	0.15		
99	288.613	8.382	-4.376	0.16		
100	288.613	8.382	-4.376	0.16	-4.38	0.16
101	288.584	8.382	-4.379	0.16		
102	288.584	8.382	-4.379	0.16		
103	288.584	8.382	-4.379	0.16		
104	288.584	8.382	-4.379	0.16		
105	288.584	8.382	-4.379	0.16		
106	288.584	8.382	-4.379	0.16		
107	288.555	8.382	-4.382	0.16		
108	288.555	8.382	-4.382	0.16		
109	288.555	8.382	-4.382	0.16		
110	288.555	8.382	-4.382	0.16		
111	288.525	8.382	-4.385	0.17		
112	288.555	8.382	-4.382	0.16		
113	288.525	8.382	-4.385	0.17		
114	288.525	8.382	-4.385	0.17		
115	288.496	8.382	-4.388	0.17		
116	288.525	8.382	-4.385	0.17		
117	288.467	8.382	-4.391	0.17		
118	288.496	8.382	-4.388	0.17		
119	288.525	8.382	-4.385	0.17		
120	288.467	8.382	-4.391	0.17	-4.39	0.17
121	288.496	8.382	-4.388	0.17		
122	288.467	8.382	-4.391	0.17		
123	288.437	8.382	-4.394	0.17		
124	288.408	8.382	-4.397	0.18		
125	288.437	8.382	-4.394	0.17		
126	288.408	8.382	-4.397	0.18		
127	288.408	8.382	-4.397	0.18		
128	288.408	8.382	-4.397	0.18		
129	288.408	8.382	-4.397	0.18		
130	288.379	8.382	-4.4	0.18		
131	288.408	8.382	-4.397	0.18		
132	288.408	8.382	-4.397	0.18		
133	288.408	8.382	-4.397	0.18		
134	288.379	8.382	-4.4	0.18		
135	288.379	8.382	-4.4	0.18		
136	288.379	8.382	-4.4	0.18		
137	288.32	8.382	-4.406	0.19		
138	288.349	8.382	-4.403	0.18		
139	288.349	8.382	-4.403	0.18		
140	288.349	8.382	-4.403	0.18	-4.41	0.19
141	288.32	8.382	-4.406	0.19		
142	288.32	8.382	-4.406	0.19		
143	288.32	8.382	-4.406	0.19		
144	288.32	8.382	-4.406	0.19		
145	288.29	8.382	-4.409	0.19		
146	288.261	8.382	-4.412	0.19		
147	288.29	8.382	-4.409	0.19		
148	288.261	8.382	-4.412	0.19		
149	288.202	8.382	-4.418	0.20		
150	288.261	8.382	-4.412	0.19		
151	288.202	8.382	-4.418	0.20		
152	288.261	8.382	-4.412	0.19		
153	288.29	8.382	-4.409	0.19		
154	288.232	8.382	-4.415	0.20		
155	288.202	8.382	-4.418	0.20		
156	288.202	8.382	-4.418	0.20		
157	288.232	8.382	-4.415	0.20		
158	288.232	8.382	-4.415	0.20		
159	288.202	8.382	-4.418	0.20		
160	288.202	8.382	-4.418	0.20	-4.42	0.20
161	288.173	8.382	-4.421	0.20		
162	288.173	8.382	-4.421	0.20		
163	288.144	8.382	-4.424	0.20		
164	288.173	8.382	-4.421	0.20		
165	288.173	8.382	-4.421	0.20		
166	288.144	8.382	-4.424	0.20		
167	288.114	8.382	-4.427	0.21		
168	288.144	8.382	-4.424	0.20		
169	288.144	8.382	-4.424	0.20		
170	288.114	8.382	-4.427	0.21		
171	288.085	8.382	-4.43	0.21		
172	288.114	8.382	-4.427	0.21		
173	288.114	8.382	-4.427	0.21		
174	288.114	8.382	-4.427	0.21		
175	288.085	8.382	-4.43	0.21		
176	288.056	8.382	-4.433	0.21		
177	288.026	8.382	-4.436	0.22		
178	288.026	8.382	-4.436	0.22		
179	288.026	8.382	-4.436	0.22		
180	288.056	8.382	-4.433	0.21	-4.44	0.22
181	288.085	8.382	-4.43	0.21		
182	288.026	8.382	-4.436	0.22		
183	287.997	8.382	-4.439	0.22		
184	287.968	8.382	-4.442	0.22		
185	287.997	8.382	-4.439	0.22		

186	287.997	8.382	-4.439	0.22		
187	287.968	8.382	-4.442	0.22		
188	287.997	8.382	-4.439	0.22		
189	287.997	8.382	-4.439	0.22		
190	287.968	8.382	-4.442	0.22		
191	287.968	8.382	-4.442	0.22		
192	287.938	8.382	-4.445	0.23		
193	287.938	8.382	-4.445	0.23		
194	287.909	8.382	-4.448	0.23		
195	287.909	8.382	-4.448	0.23		
196	287.909	8.382	-4.448	0.23		
197	287.88	8.382	-4.451	0.23		
198	287.88	8.382	-4.451	0.23		
199	287.88	8.382	-4.451	0.23		
200	287.88	8.382	-4.451	0.23	-4.45	0.23
201	287.85	8.382	-4.454	0.23		
202	287.85	8.382	-4.454	0.23		
203	287.85	8.382	-4.454	0.23		
204	287.821	8.382	-4.457	0.24		
205	287.821	8.382	-4.457	0.24		
206	287.821	8.382	-4.457	0.24		
207	287.821	8.382	-4.457	0.24		
208	287.791	8.382	-4.46	0.24		
209	287.791	8.382	-4.46	0.24		
210	287.821	8.382	-4.457	0.24		
211	287.791	8.382	-4.46	0.24		
212	287.762	8.382	-4.463	0.24		
213	287.791	8.382	-4.46	0.24		
214	287.791	8.382	-4.46	0.24		
215	287.791	8.382	-4.46	0.24		
216	287.733	8.382	-4.466	0.25		
217	287.762	8.382	-4.463	0.24		
218	287.762	8.382	-4.463	0.24		
219	287.733	8.382	-4.466	0.25		
220	287.733	8.382	-4.466	0.25	-4.46	0.24
221	287.703	8.382	-4.469	0.25		
222	287.703	8.382	-4.469	0.25		
223	287.674	8.382	-4.472	0.25		
224	287.703	8.382	-4.469	0.25		
225	287.703	8.382	-4.469	0.25		
226	287.674	8.382	-4.472	0.25		
227	287.674	8.382	-4.472	0.25		
228	287.703	8.382	-4.469	0.25		
229	287.645	8.382	-4.474	0.25		
230	287.674	8.382	-4.472	0.25		
231	287.674	8.382	-4.472	0.25		
232	287.645	8.382	-4.474	0.25		
233	287.615	8.382	-4.478	0.26		
234	287.615	8.382	-4.478	0.26		
235	287.615	8.382	-4.478	0.26		
236	287.615	8.382	-4.478	0.26		
237	287.615	8.382	-4.478	0.26		
238	287.615	8.382	-4.478	0.26		
239	287.586	8.382	-4.481	0.26		
240	287.586	8.382	-4.481	0.26	-4.48	0.26
241	287.586	8.382	-4.481	0.26		
242	287.557	8.382	-4.483	0.26		
243	287.586	8.382	-4.481	0.26		
244	287.557	8.382	-4.483	0.26		
245	287.586	8.382	-4.481	0.26		
246	287.557	8.382	-4.483	0.26		
247	287.527	8.382	-4.487	0.27		
248	287.527	8.382	-4.487	0.27		
249	287.527	8.382	-4.487	0.27		
250	287.498	8.382	-4.489	0.27		
251	287.469	8.382	-4.492	0.27		
252	287.498	8.382	-4.489	0.27		
253	287.469	8.382	-4.492	0.27		
254	287.469	8.382	-4.492	0.27		
255	287.469	8.382	-4.492	0.27		
256	287.469	8.382	-4.492	0.27		
257	287.469	8.382	-4.492	0.27		
258	287.498	8.382	-4.489	0.27		
259	287.439	8.382	-4.496	0.28		
260	287.41	8.382	-4.498	0.28		
261	287.439	8.382	-4.496	0.28		
262	287.38	8.382	-4.502	0.28		
263	287.38	8.382	-4.502	0.28		
264	287.38	8.382	-4.502	0.28		
265	287.38	8.382	-4.502	0.28		
266	287.351	8.382	-4.504	0.28		
267	287.351	8.382	-4.504	0.28		
268	287.38	8.382	-4.502	0.28		
269	287.38	8.382	-4.502	0.28		
270	287.351	8.382	-4.504	0.28	-4.49	0.27
271	287.351	8.382	-4.504	0.28		
272	287.322	8.382	-4.507	0.29		
273	287.351	8.382	-4.504	0.28		
274	287.351	8.382	-4.504	0.28		
275	287.351	8.382	-4.504	0.28		
276	287.322	8.382	-4.507	0.29		
277	287.292	8.382	-4.511	0.29		
278	287.322	8.382	-4.507	0.29		
279	287.292	8.382	-4.511	0.29		
280	287.292	8.382	-4.511	0.29		
281	287.292	8.382	-4.511	0.29		

282	287.322	8.382	-4.507	0.29		
283	287.322	8.382	-4.507	0.29		
284	287.263	8.382	-4.513	0.29		
285	287.263	8.382	-4.513	0.29		
286	287.263	8.382	-4.513	0.29		
287	287.234	8.382	-4.516	0.30		
288	287.263	8.382	-4.513	0.29		
289	287.234	8.382	-4.516	0.30		
290	287.234	8.382	-4.516	0.30		
291	287.204	8.382	-4.519	0.30		
292	287.234	8.382	-4.516	0.30		
293	287.234	8.382	-4.516	0.30		
294	287.234	8.382	-4.516	0.30		
295	287.204	8.382	-4.519	0.30		
296	287.204	8.382	-4.519	0.30		
297	287.204	8.382	-4.519	0.30		
298	287.204	8.382	-4.519	0.30		
299	287.175	8.382	-4.522	0.30		
300	287.116	8.382	-4.528	0.31	-4.52	0.30
301	287.146	8.382	-4.525	0.31		
302	287.146	8.382	-4.525	0.31		
303	287.146	8.382	-4.525	0.31		
304	287.146	8.382	-4.525	0.31		
305	287.175	8.382	-4.522	0.30		
306	287.146	8.382	-4.525	0.31		
307	287.116	8.382	-4.528	0.31		
308	287.116	8.382	-4.528	0.31		
309	287.116	8.382	-4.528	0.31		
310	287.116	8.382	-4.528	0.31		
311	287.116	8.382	-4.528	0.31		
312	287.058	8.382	-4.534	0.31		
313	287.087	8.382	-4.531	0.31		
314	287.087	8.382	-4.531	0.31		
315	287.058	8.382	-4.534	0.31		
316	287.116	8.382	-4.528	0.31		
317	286.999	8.382	-4.54	0.32		
318	287.087	8.382	-4.531	0.31		
319	287.028	8.382	-4.537	0.32		
320	286.999	8.382	-4.54	0.32		
321	287.028	8.382	-4.537	0.32		
322	286.999	8.382	-4.54	0.32		
323	287.058	8.382	-4.534	0.31		
324	286.97	8.382	-4.543	0.32		
325	286.999	8.382	-4.54	0.32		
326	287.028	8.382	-4.537	0.32		
327	287.028	8.382	-4.537	0.32		
328	286.999	8.382	-4.54	0.32		
329	287.028	8.382	-4.537	0.32		
330	286.97	8.382	-4.543	0.32	-4.54	0.32
331	286.97	8.382	-4.543	0.32		
332	286.97	8.382	-4.543	0.32		
333	286.999	8.382	-4.54	0.32		
334	286.999	8.382	-4.54	0.32		
335	286.97	8.382	-4.543	0.32		
336	286.911	8.382	-4.549	0.33		
337	286.97	8.382	-4.543	0.32		
338	286.94	8.382	-4.546	0.33		
339	286.94	8.382	-4.546	0.33		
340	286.911	8.382	-4.549	0.33		
341	286.911	8.382	-4.549	0.33		
342	286.94	8.382	-4.546	0.33		
343	286.881	8.382	-4.552	0.33		
344	286.97	8.382	-4.543	0.32		
345	286.852	8.382	-4.555	0.34		
346	286.881	8.382	-4.552	0.33		
347	286.881	8.382	-4.552	0.33		
348	286.852	8.382	-4.555	0.34		
349	286.881	8.382	-4.552	0.33		
350	286.852	8.382	-4.555	0.34		
351	286.881	8.382	-4.552	0.33		
352	286.852	8.382	-4.555	0.34		
353	286.823	8.382	-4.558	0.34		
354	286.823	8.382	-4.558	0.34		
355	286.793	8.382	-4.561	0.34		
356	286.793	8.382	-4.561	0.34		
357	286.823	8.382	-4.558	0.34		
358	286.793	8.382	-4.561	0.34		
359	286.823	8.382	-4.558	0.34		
360	286.793	8.382	-4.561	0.34	-4.56	0.34
361	286.764	8.382	-4.564	0.34		
362	286.764	8.382	-4.564	0.34		
363	286.764	8.382	-4.564	0.34		
364	286.793	8.382	-4.561	0.34		
365	286.793	8.382	-4.561	0.34		
366	286.764	8.382	-4.564	0.34		
367	286.764	8.382	-4.564	0.34		
368	286.735	8.382	-4.567	0.35		
369	286.764	8.382	-4.564	0.34		
370	286.735	8.382	-4.567	0.35		
371	286.705	8.382	-4.57	0.35		
372	286.705	8.382	-4.57	0.35		
373	286.705	8.382	-4.57	0.35		
374	286.705	8.382	-4.57	0.35		
375	286.735	8.382	-4.567	0.35		
376	286.676	8.382	-4.573	0.35		

TW1- WELL RECOVERY VS. TIME - KOLLAARD FILE 210816



Kollaard File 210816

RECOVERY DATA TW1

t'	t / t'	Abs Pres (kPa)	Temp (°C)	Water Level (m)	Drawdown (m)	Recovery (%)	Water Level (Manual) (m)	Drawdown (Manual) (m)	Recovery (Manual (m)
1	377	287.263	8.382	-4.513	0.29	17%	-4.57	0.35	-3%
2	189.0	287.292	8.382	-4.511	0.29	18%	-4.51	0.29	15%
3	126.3	287.322	8.382	-4.507	0.29	19%			
4	95.0	287.351	8.382	-4.504	0.28	20%			
5	76.2	287.351	8.382	-4.504	0.28	20%			
6	63.7	287.351	8.382	-4.504	0.28	20%			
7	54.7	287.38	8.382	-4.502	0.28	20%			
8	48.0	287.38	8.382	-4.502	0.28	20%	-4.50	0.28	18%
9	42.8	287.38	8.382	-4.502	0.28	20%			
10	38.6	287.38	8.382	-4.502	0.28	20%			
11	35.2	287.38	8.382	-4.502	0.28	20%			
12	32.3	287.41	8.382	-4.498	0.28	21%			
13	29.9	287.439	8.382	-4.496	0.28	22%			
14	27.9	287.439	8.382	-4.496	0.28	22%			
15	26.1	287.469	8.382	-4.492	0.27	23%			
16	24.5	287.439	8.382	-4.496	0.28	22%			
17	23.1	287.586	8.382	-4.481	0.26	26%			
18	21.9	287.292	8.382	-4.511	0.29	18%			
19	20.8	287.439	8.382	-4.496	0.28	22%			
20	19.8	287.41	8.382	-4.498	0.28	21%			
21	18.9	287.439	8.382	-4.496	0.28	22%			
22	18.1	287.439	8.382	-4.496	0.28	22%			
23	17.3	287.439	8.382	-4.496	0.28	22%			
24	16.7	287.469	8.382	-4.492	0.27	23%			
25	16.0	287.439	8.382	-4.496	0.28	22%	-4.48	0.26	24%
26	15.5	287.469	8.382	-4.492	0.27	23%			
27	14.9	287.469	8.382	-4.492	0.27	23%			
28	14.4	287.469	8.382	-4.492	0.27	23%			
29	14.0	287.469	8.382	-4.492	0.27	23%			
30	13.5	287.469	8.382	-4.492	0.27	23%			
31	13.1	287.498	8.382	-4.489	0.27	24%			
32	12.8	287.498	8.382	-4.489	0.27	24%			
33	12.4	287.498	8.382	-4.489	0.27	24%			
34	12.1	287.498	8.382	-4.489	0.27	24%			
35	11.7	287.498	8.382	-4.489	0.27	24%			
36	11.4	287.527	8.382	-4.487	0.27	24%			
37	11.2	287.527	8.382	-4.487	0.27	24%			
38	10.9	287.498	8.382	-4.489	0.27	24%			
39	10.6	287.527	8.382	-4.487	0.27	24%			
40	10.4	287.527	8.382	-4.487	0.27	24%	-4.48	0.26	24%
41	10.2	287.527	8.382	-4.487	0.27	24%			
42	10.0	287.527	8.382	-4.487	0.27	24%			
43	9.7	287.527	8.382	-4.487	0.27	24%			
44	9.5	287.557	8.382	-4.483	0.26	25%			
45	9.4	287.527	8.382	-4.487	0.27	24%			
46	9.2	287.557	8.382	-4.483	0.26	25%			
47	9.0	287.557	8.382	-4.483	0.26	25%			
48	8.8	287.557	8.382	-4.483	0.26	25%			
49	8.7	287.557	8.382	-4.483	0.26	25%			
50	8.5	287.527	8.382	-4.487	0.27	24%			
51	8.4	287.557	8.382	-4.483	0.26	25%			
52	8.2	287.557	8.382	-4.483	0.26	25%			
53	8.1	287.586	8.382	-4.481	0.26	26%			
54	8.0	287.557	8.382	-4.483	0.26	25%			
55	7.8	287.557	8.382	-4.483	0.26	25%			
56	7.7	287.557	8.382	-4.483	0.26	25%			
57	7.6	287.586	8.382	-4.481	0.26	26%			
58	7.5	287.557	8.382	-4.483	0.26	25%			
59	7.4	287.557	8.382	-4.483	0.26	25%			
60	7.3	287.557	8.382	-4.483	0.26	25%	-4.48	0.26	24%
61	7.2	287.586	8.382	-4.481	0.26	26%			
62	7.1	287.557	8.382	-4.483	0.26	25%			
63	7.0	287.586	8.382	-4.481	0.26	26%			
64	6.9	287.557	8.382	-4.483	0.26	25%			
65	6.8	287.586	8.382	-4.481	0.26	26%			
66	6.7	287.586	8.382	-4.481	0.26	26%			
67	6.6	287.615	8.382	-4.478	0.26	27%			
68	6.5	287.615	8.382	-4.478	0.26	27%			
69	6.4	287.586	8.382	-4.481	0.26	26%			
70	6.4	287.615	8.382	-4.478	0.26	27%			
71	6.3	287.586	8.382	-4.481	0.26	26%			
72	6.2	287.615	8.382	-4.478	0.26	27%			
73	6.2	287.586	8.382	-4.481	0.26	26%			
74	6.1	287.615	8.382	-4.478	0.26	27%			
75	6.0	287.615	8.382	-4.478	0.26	27%			
76	5.9	287.645	8.382	-4.474	0.25	28%			
77	5.9	287.645	8.382	-4.474	0.25	28%			
78	5.8	287.615	8.382	-4.478	0.26	27%			
79	5.8	287.645	8.382	-4.474	0.25	28%			
80	5.7	287.615	8.382	-4.478	0.26	27%			
81	5.6	287.615	8.382	-4.478	0.26	27%			
82	5.6	287.615	8.382	-4.478	0.26	27%			
83	5.5	287.645	8.382	-4.474	0.25	28%			
84	5.5	287.645	8.382	-4.474	0.25	28%			
85	5.4	287.615	8.382	-4.478	0.26	27%			
86	5.4	287.615	8.382	-4.478	0.26	27%			
87	5.3	287.645	8.382	-4.474	0.25	28%			
88	5.3	287.645	8.382	-4.474	0.25	28%			
89	5.2	287.645	8.382	-4.474	0.25	28%			
90	5.2	287.645	8.382	-4.474	0.25	28%			
91	5.1	287.645	8.382	-4.474	0.25	28%			
92	5.1	287.674	8.382	-4.472	0.25	29%			
93	5.0	287.674	8.382	-4.472	0.25	29%			
94	5.0	287.674	8.382	-4.472	0.25	29%			
95	5.0	287.674	8.382	-4.472	0.25	29%			
96	4.9	287.645	8.382	-4.474	0.25	28%			
97	4.9	287.645	8.382	-4.474	0.25	28%			
98	4.8	287.645	8.382	-4.474	0.25	28%			
99	4.8	287.674	8.382	-4.472	0.25	29%			
100	4.8	287.645	8.382	-4.474	0.25	28%			
101	4.7	287.645	8.382	-4.474	0.25	28%			
102	4.7	287.674	8.382	-4.472	0.25	29%			
103	4.7	287.674	8.382	-4.472	0.25	29%			
104	4.6	287.674	8.382	-4.472	0.25	29%			
105	4.6	287.674	8.382	-4.472	0.25	29%			
106	4.5	287.674	8.382	-4.472	0.25	29%			
107	4.5	287.674	8.382	-4.472	0.25	29%			

108	4.5	287.674	8.382	-4.472	0.25	29%
109	4.4	287.674	8.382	-4.472	0.25	29%
110	4.4	287.674	8.382	-4.472	0.25	29%
111	4.4	287.674	8.382	-4.472	0.25	29%
112	4.4	287.703	8.382	-4.469	0.25	29%
113	4.3	287.703	8.382	-4.469	0.25	29%
114	4.3	287.703	8.382	-4.469	0.25	29%
115	4.3	287.703	8.382	-4.469	0.25	29%
116	4.2	287.674	8.382	-4.472	0.25	29%
117	4.2	287.703	8.382	-4.469	0.25	29%
118	4.2	287.703	8.382	-4.469	0.25	29%
119	4.2	287.703	8.382	-4.469	0.25	29%
120	4.1	287.703	8.382	-4.469	0.25	29%
121	4.1	287.703	8.382	-4.469	0.25	29%
122	4.1	287.674	8.382	-4.472	0.25	29%
123	4.1	287.703	8.382	-4.469	0.25	29%
124	4.0	287.703	8.382	-4.469	0.25	29%
125	4.0	287.703	8.382	-4.469	0.25	29%
126	4.0	287.703	8.382	-4.469	0.25	29%
127	4.0	287.733	8.382	-4.466	0.25	30%
128	3.9	287.703	8.382	-4.469	0.25	29%
129	3.9	287.733	8.382	-4.466	0.25	30%
130	3.9	287.733	8.382	-4.466	0.25	30%
131	3.9	287.703	8.382	-4.469	0.25	29%
132	3.8	287.733	8.382	-4.466	0.25	30%
133	3.8	287.703	8.382	-4.469	0.25	29%
134	3.8	287.733	8.382	-4.466	0.25	30%
135	3.8	287.733	8.382	-4.466	0.25	30%
136	3.8	287.733	8.382	-4.466	0.25	30%
137	3.7	287.733	8.382	-4.466	0.25	30%
138	3.7	287.733	8.382	-4.466	0.25	30%
139	3.7	287.733	8.382	-4.466	0.25	30%
140	3.7	287.733	8.382	-4.466	0.25	30%
141	3.7	287.733	8.382	-4.466	0.25	30%
142	3.6	287.762	8.382	-4.463	0.24	31%
143	3.6	287.762	8.382	-4.463	0.24	31%
144	3.6	287.733	8.382	-4.466	0.25	30%
145	3.6	287.762	8.382	-4.463	0.24	31%
146	3.6	287.762	8.382	-4.463	0.24	31%
147	3.6	287.733	8.382	-4.466	0.25	30%
148	3.5	287.733	8.382	-4.466	0.25	30%
149	3.5	287.762	8.382	-4.463	0.24	31%
150	3.5	287.762	8.382	-4.463	0.24	31%
151	3.5	287.762	8.382	-4.463	0.24	31%
152	3.5	287.762	8.382	-4.463	0.24	31%
153	3.5	287.762	8.382	-4.463	0.24	31%
154	3.4	287.791	8.382	-4.46	0.24	32%
155	3.4	287.762	8.382	-4.463	0.24	31%
156	3.4	287.762	8.382	-4.463	0.24	31%
157	3.4	287.762	8.382	-4.463	0.24	31%
158	3.4	287.762	8.382	-4.463	0.24	31%
159	3.4	287.762	8.382	-4.463	0.24	31%
160	3.4	287.762	8.382	-4.463	0.24	31%
161	3.3	287.762	8.382	-4.463	0.24	31%
162	3.3	287.762	8.382	-4.463	0.24	31%
163	3.3	287.762	8.382	-4.463	0.24	31%
164	3.3	287.762	8.382	-4.463	0.24	31%
165	3.3	287.762	8.382	-4.463	0.24	31%
166	3.3	287.762	8.382	-4.463	0.24	31%
167	3.3	287.762	8.382	-4.463	0.24	31%
168	3.2	287.762	8.382	-4.463	0.24	31%
169	3.2	287.762	8.382	-4.463	0.24	31%
170	3.2	287.762	8.382	-4.463	0.24	31%
171	3.2	287.791	8.382	-4.46	0.24	32%
172	3.2	287.762	8.382	-4.463	0.24	31%
173	3.2	287.762	8.382	-4.463	0.24	31%
174	3.2	287.762	8.382	-4.463	0.24	31%
175	3.1	287.762	8.382	-4.463	0.24	31%
176	3.1	287.762	8.382	-4.463	0.24	31%
177	3.1	287.791	8.382	-4.46	0.24	32%
178	3.1	287.791	8.382	-4.46	0.24	32%
179	3.1	287.791	8.382	-4.46	0.24	32%
180	3.1	287.762	8.382	-4.463	0.24	31%
181	3.1	287.791	8.382	-4.46	0.24	32%
182	3.1	287.762	8.382	-4.463	0.24	31%
183	3.1	287.762	8.382	-4.463	0.24	31%
184	3.0	287.791	8.382	-4.46	0.24	32%
185	3.0	287.791	8.382	-4.46	0.24	32%
186	3.0	287.791	8.382	-4.46	0.24	32%
187	3.0	287.821	8.382	-4.457	0.24	33%
188	3.0	287.791	8.382	-4.46	0.24	32%
189	3.0	287.791	8.382	-4.46	0.24	32%
190	3.0	287.791	8.382	-4.46	0.24	32%
191	3.0	287.821	8.382	-4.457	0.24	33%
192	3.0	287.821	8.382	-4.457	0.24	33%
193	2.9	287.821	8.382	-4.457	0.24	33%
194	2.9	287.791	8.382	-4.46	0.24	32%
195	2.9	287.791	8.382	-4.46	0.24	32%
196	2.9	287.821	8.382	-4.457	0.24	33%
197	2.9	287.821	8.382	-4.457	0.24	33%
198	2.9	287.791	8.382	-4.46	0.24	32%
199	2.9	287.821	8.382	-4.457	0.24	33%
200	2.9	287.821	8.382	-4.457	0.24	33%
201	2.9	287.821	8.382	-4.457	0.24	33%
202	2.9	287.821	8.382	-4.457	0.24	33%
203	2.9	287.821	8.382	-4.457	0.24	33%
204	2.8	287.85	8.382	-4.454	0.23	34%
205	2.8	287.85	8.382	-4.454	0.23	34%
206	2.8	287.85	8.382	-4.454	0.23	34%
207	2.8	287.821	8.382	-4.457	0.24	33%
208	2.8	287.821	8.382	-4.457	0.24	33%
209	2.8	287.85	8.382	-4.454	0.23	34%
210	2.8	287.85	8.382	-4.454	0.23	34%
211	2.8	287.821	8.382	-4.457	0.24	33%
212	2.8	287.821	8.382	-4.457	0.24	33%
213	2.8	287.821	8.382	-4.457	0.24	33%
214	2.8	287.85	8.382	-4.454	0.23	34%
215	2.7	287.85	8.382	-4.454	0.23	34%
216	2.7	287.85	8.382	-4.454	0.23	34%
217	2.7	287.85	8.382	-4.454	0.23	34%
218	2.7	287.821	8.382	-4.457	0.24	33%

219	2.7	287.821	8.382	-4.457	0.24	33%
220	2.7	287.821	8.382	-4.457	0.24	33%
221	2.7	287.85	8.382	-4.454	0.23	34%
222	2.7	287.85	8.382	-4.454	0.23	34%
223	2.7	287.85	8.382	-4.454	0.23	34%
224	2.7	287.85	8.382	-4.454	0.23	34%
225	2.7	287.85	8.382	-4.454	0.23	34%
226	2.7	287.85	8.382	-4.454	0.23	34%
227	2.7	287.85	8.382	-4.454	0.23	34%
228	2.6	287.821	8.382	-4.457	0.24	33%
229	2.6	287.85	8.382	-4.454	0.23	34%
230	2.6	287.85	8.382	-4.454	0.23	34%
231	2.6	287.85	8.382	-4.454	0.23	34%
232	2.6	287.85	8.382	-4.454	0.23	34%
233	2.6	287.85	8.382	-4.454	0.23	34%
234	2.6	287.85	8.382	-4.454	0.23	34%
235	2.6	287.88	8.382	-4.451	0.23	35%
236	2.6	287.88	8.382	-4.451	0.23	35%
237	2.6	287.85	8.382	-4.454	0.23	34%
238	2.6	287.88	8.382	-4.451	0.23	35%
239	2.6	287.909	8.382	-4.448	0.23	35%
240	2.6	287.88	8.382	-4.451	0.23	35%
241	2.6	287.88	8.382	-4.451	0.23	35%
242	2.6	287.88	8.382	-4.451	0.23	35%
243	2.5	287.88	8.382	-4.451	0.23	35%
244	2.5	287.88	8.382	-4.451	0.23	35%
245	2.5	287.88	8.382	-4.451	0.23	35%
246	2.5	287.88	8.382	-4.451	0.23	35%
247	2.5	287.88	8.382	-4.451	0.23	35%
248	2.5	287.909	8.382	-4.448	0.23	35%
249	2.5	287.909	8.382	-4.448	0.23	35%
250	2.5	287.909	8.382	-4.448	0.23	35%
251	2.5	287.909	8.382	-4.448	0.23	35%
252	2.5	287.909	8.382	-4.448	0.23	35%
253	2.5	287.909	8.382	-4.448	0.23	35%
254	2.5	287.938	8.382	-4.445	0.23	36%
255	2.5	287.938	8.382	-4.445	0.23	36%
256	2.5	287.938	8.382	-4.445	0.23	36%
257	2.5	287.909	8.382	-4.448	0.23	35%
258	2.5	287.909	8.382	-4.448	0.23	35%
259	2.5	287.938	8.382	-4.445	0.23	36%
260	2.4	287.938	8.382	-4.445	0.23	36%
261	2.4	287.938	8.382	-4.445	0.23	36%
262	2.4	287.938	8.382	-4.445	0.23	36%
263	2.4	287.938	8.382	-4.445	0.23	36%
264	2.4	287.968	8.382	-4.442	0.22	37%
265	2.4	287.938	8.382	-4.445	0.23	36%
266	2.4	287.968	8.382	-4.442	0.22	37%
267	2.4	287.968	8.382	-4.442	0.22	37%
268	2.4	287.968	8.382	-4.442	0.22	37%
269	2.4	287.938	8.382	-4.445	0.23	36%
270	2.4	287.968	8.382	-4.442	0.22	37%
271	2.4	287.938	8.382	-4.445	0.23	36%
272	2.4	287.968	8.382	-4.442	0.22	37%
273	2.4	287.968	8.382	-4.442	0.22	37%
274	2.4	287.968	8.382	-4.442	0.22	37%
275	2.4	287.968	8.382	-4.442	0.22	37%
276	2.4	287.968	8.382	-4.442	0.22	37%
277	2.4	287.968	8.382	-4.442	0.22	37%
278	2.4	287.968	8.382	-4.442	0.22	37%
279	2.3	287.968	8.382	-4.442	0.22	37%
280	2.3	287.997	8.382	-4.439	0.22	38%
281	2.3	287.968	8.382	-4.442	0.22	37%
282	2.3	287.968	8.382	-4.442	0.22	37%
283	2.3	287.997	8.382	-4.439	0.22	38%
284	2.3	287.997	8.382	-4.439	0.22	38%
285	2.3	287.968	8.382	-4.442	0.22	37%
286	2.3	287.968	8.382	-4.442	0.22	37%
287	2.3	287.997	8.382	-4.439	0.22	38%
288	2.3	287.968	8.382	-4.442	0.22	37%
289	2.3	287.997	8.382	-4.439	0.22	38%
290	2.3	287.997	8.382	-4.439	0.22	38%
291	2.3	287.997	8.382	-4.439	0.22	38%
292	2.3	287.997	8.382	-4.439	0.22	38%
293	2.3	287.997	8.382	-4.439	0.22	38%
294	2.3	287.997	8.382	-4.439	0.22	38%
295	2.3	288.026	8.382	-4.436	0.22	39%
296	2.3	288.026	8.382	-4.436	0.22	39%
297	2.3	287.997	8.382	-4.439	0.22	38%
298	2.3	287.997	8.382	-4.439	0.22	38%
299	2.3	288.026	8.382	-4.436	0.22	39%
300	2.3	288.026	8.382	-4.436	0.22	39%
301	2.2	288.026	8.382	-4.436	0.22	39%
302	2.2	288.026	8.382	-4.436	0.22	39%
303	2.2	288.026	8.382	-4.436	0.22	39%
304	2.2	288.026	8.382	-4.436	0.22	39%
305	2.2	288.026	8.382	-4.436	0.22	39%
306	2.2	288.026	8.382	-4.436	0.22	39%
307	2.2	288.026	8.382	-4.436	0.22	39%
308	2.2	288.026	8.382	-4.436	0.22	39%
309	2.2	288.056	8.382	-4.433	0.21	40%
310	2.2	288.056	8.382	-4.433	0.21	40%
311	2.2	288.056	8.382	-4.433	0.21	40%
312	2.2	288.056	8.382	-4.433	0.21	40%
313	2.2	288.056	8.382	-4.433	0.21	40%
314	2.2	288.056	8.382	-4.433	0.21	40%
315	2.2	288.026	8.382	-4.436	0.22	39%
316	2.2	288.056	8.382	-4.433	0.21	40%
317	2.2	288.056	8.382	-4.433	0.21	40%
318	2.2	288.085	8.382	-4.43	0.21	41%
319	2.2	288.085	8.382	-4.43	0.21	41%
320	2.2	288.056	8.382	-4.433	0.21	40%
321	2.2	288.085	8.382	-4.43	0.21	41%
322	2.2	288.056	8.382	-4.433	0.21	40%
323	2.2	288.056	8.382	-4.433	0.21	40%
324	2.2	288.085	8.382	-4.43	0.21	41%
325	2.2	288.056	8.382	-4.433	0.21	40%
326	2.2	288.056	8.382	-4.433	0.21	40%
327	2.1	288.056	8.382	-4.433	0.21	40%
328	2.1	288.085	8.382	-4.43	0.21	41%
329	2.1	288.056	8.382	-4.433	0.21	40%

330	2.1	288.085	8.382	-4.43	0.21	41%
331	2.1	288.085	8.382	-4.43	0.21	41%
332	2.1	288.056	8.382	-4.433	0.21	40%
333	2.1	288.085	8.382	-4.43	0.21	41%
334	2.1	288.085	8.382	-4.43	0.21	41%
335	2.1	288.085	8.382	-4.43	0.21	41%
336	2.1	288.085	8.382	-4.43	0.21	41%
337	2.1	288.114	8.382	-4.427	0.21	41%
338	2.1	288.085	8.382	-4.43	0.21	41%
339	2.1	288.085	8.382	-4.43	0.21	41%
340	2.1	288.114	8.382	-4.427	0.21	41%
341	2.1	288.114	8.382	-4.427	0.21	41%
342	2.1	288.114	8.382	-4.427	0.21	41%
343	2.1	288.114	8.382	-4.427	0.21	41%
344	2.1	288.114	8.382	-4.427	0.21	41%
345	2.1	288.114	8.382	-4.427	0.21	41%
346	2.1	288.114	8.382	-4.427	0.21	41%
347	2.1	288.114	8.382	-4.427	0.21	41%
348	2.1	288.114	8.382	-4.427	0.21	41%
349	2.1	288.114	8.382	-4.427	0.21	41%
350	2.1	288.144	8.382	-4.424	0.20	42%
351	2.1	288.114	8.382	-4.427	0.21	41%
352	2.1	288.114	8.382	-4.427	0.21	41%
353	2.1	288.144	8.382	-4.424	0.20	42%
354	2.1	288.114	8.382	-4.427	0.21	41%
355	2.1	288.144	8.382	-4.424	0.20	42%
356	2.1	288.144	8.382	-4.424	0.20	42%
357	2.1	288.144	8.382	-4.424	0.20	42%
358	2.1	288.144	8.382	-4.424	0.20	42%
359	2.0	288.144	8.382	-4.424	0.20	42%
360	2.0	288.173	8.382	-4.421	0.20	43%
361	2.0	288.173	8.382	-4.421	0.20	43%
362	2.0	288.173	8.382	-4.421	0.20	43%
363	2.0	288.173	8.382	-4.421	0.20	43%
364	2.0	288.173	8.382	-4.421	0.20	43%
365	2.0	288.173	8.382	-4.421	0.20	43%
366	2.0	288.173	8.382	-4.421	0.20	43%
367	2.0	288.173	8.382	-4.421	0.20	43%
368	2.0	288.202	8.382	-4.418	0.20	44%
369	2.0	288.202	8.382	-4.418	0.20	44%
370	2.0	288.173	8.382	-4.421	0.20	43%
371	2.0	288.202	8.382	-4.418	0.20	44%
372	2.0	288.202	8.382	-4.418	0.20	44%
373	2.0	288.173	8.382	-4.421	0.20	43%
374	2.0	288.202	8.382	-4.418	0.20	44%
375	2.0	288.202	8.382	-4.418	0.20	44%
376	2.0	288.232	8.382	-4.415	0.20	45%
377	2.0	288.202	8.382	-4.418	0.20	44%
378	2.0	288.202	8.382	-4.418	0.20	44%
379	2.0	288.202	8.382	-4.418	0.20	44%
380	2.0	288.202	8.382	-4.418	0.20	44%
381	2.0	288.232	8.382	-4.415	0.20	45%
382	2.0	288.232	8.382	-4.415	0.20	45%
383	2.0	288.232	8.382	-4.415	0.20	45%
384	2.0	288.232	8.382	-4.415	0.20	45%
385	2.0	288.232	8.382	-4.415	0.20	45%
386	2.0	288.232	8.382	-4.415	0.20	45%
387	2.0	288.261	8.382	-4.412	0.19	46%
388	2.0	288.261	8.382	-4.412	0.19	46%
389	2.0	288.232	8.382	-4.415	0.20	45%
390	2.0	288.261	8.382	-4.412	0.19	46%
391	2.0	288.261	8.382	-4.412	0.19	46%
392	2.0	288.261	8.382	-4.412	0.19	46%
393	2.0	288.261	8.382	-4.412	0.19	46%
394	2.0	288.29	8.382	-4.409	0.19	46%
395	2.0	288.261	8.382	-4.412	0.19	46%
396	1.9	288.29	8.382	-4.409	0.19	46%
397	1.9	288.29	8.382	-4.409	0.19	46%
398	1.9	288.32	8.382	-4.406	0.19	47%
399	1.9	288.32	8.382	-4.406	0.19	47%
400	1.9	288.32	8.382	-4.406	0.19	47%
401	1.9	288.349	8.382	-4.403	0.18	48%
402	1.9	288.349	8.382	-4.403	0.18	48%
403	1.9	288.379	8.382	-4.4	0.18	49%
404	1.9	288.379	8.382	-4.4	0.18	49%
405	1.9	288.379	8.382	-4.4	0.18	49%
406	1.9	288.379	8.382	-4.4	0.18	49%
407	1.9	288.379	8.382	-4.4	0.18	49%
408	1.9	288.379	8.382	-4.4	0.18	49%
409	1.9	288.379	8.382	-4.4	0.18	49%
410	1.9	288.379	8.382	-4.4	0.18	49%
411	1.9	288.408	8.382	-4.397	0.18	50%
412	1.9	288.408	8.382	-4.397	0.18	50%
413	1.9	288.379	8.382	-4.4	0.18	49%
414	1.9	288.408	8.382	-4.397	0.18	50%
415	1.9	288.408	8.382	-4.397	0.18	50%
416	1.9	288.408	8.382	-4.397	0.18	50%
417	1.9	288.408	8.382	-4.397	0.18	50%
418	1.9	288.379	8.382	-4.4	0.18	49%
419	1.9	288.408	8.382	-4.397	0.18	50%
420	1.9	288.408	8.382	-4.397	0.18	50%
421	1.9	288.437	8.382	-4.394	0.17	51%
422	1.9	288.437	8.382	-4.394	0.17	51%
423	1.9	288.408	8.382	-4.397	0.18	50%
424	1.9	288.379	8.382	-4.4	0.18	49%
425	1.9	288.408	8.382	-4.397	0.18	50%
426	1.9	288.437	8.382	-4.394	0.17	51%
427	1.9	288.408	8.382	-4.397	0.18	50%
428	1.9	288.437	8.382	-4.394	0.17	51%
429	1.9	288.437	8.382	-4.394	0.17	51%
430	1.9	288.467	8.382	-4.391	0.17	52%
431	1.9	288.437	8.382	-4.394	0.17	51%
432	1.9	288.408	8.382	-4.397	0.18	50%
433	1.9	288.437	8.382	-4.394	0.17	51%
434	1.9	288.437	8.382	-4.394	0.17	51%
435	1.9	288.467	8.382	-4.391	0.17	52%
436	1.9	288.467	8.382	-4.391	0.17	52%
437	1.9	288.467	8.382	-4.391	0.17	52%
438	1.9	288.437	8.382	-4.394	0.17	51%
439	1.9	288.467	8.382	-4.391	0.17	52%
440	1.9	288.467	8.382	-4.391	0.17	52%

441	1.9	288.467	8.382	-4.391	0.17	52%
442	1.9	288.467	8.382	-4.391	0.17	52%
443	1.8	288.467	8.382	-4.391	0.17	52%
444	1.8	288.496	8.382	-4.388	0.17	52%
445	1.8	288.496	8.382	-4.388	0.17	52%
446	1.8	288.525	8.382	-4.385	0.17	53%
447	1.8	288.525	8.382	-4.385	0.17	53%
448	1.8	288.496	8.382	-4.388	0.17	52%
449	1.8	288.496	8.382	-4.388	0.17	52%
450	1.8	288.525	8.382	-4.385	0.17	53%
451	1.8	288.496	8.382	-4.388	0.17	52%
452	1.8	288.525	8.382	-4.385	0.17	53%
453	1.8	288.525	8.382	-4.385	0.17	53%
454	1.8	288.525	8.382	-4.385	0.17	53%
455	1.8	288.496	8.382	-4.388	0.17	52%
456	1.8	288.555	8.382	-4.382	0.16	54%
457	1.8	288.555	8.382	-4.382	0.16	54%
458	1.8	288.555	8.382	-4.382	0.16	54%
459	1.8	288.555	8.382	-4.382	0.16	54%
460	1.8	288.555	8.382	-4.382	0.16	54%
461	1.8	288.584	8.382	-4.379	0.16	55%
462	1.8	288.584	8.382	-4.379	0.16	55%
463	1.8	288.584	8.382	-4.379	0.16	55%
464	1.8	288.584	8.382	-4.379	0.16	55%
465	1.8	288.584	8.382	-4.379	0.16	55%
466	1.8	288.584	8.382	-4.379	0.16	55%
467	1.8	288.584	8.382	-4.379	0.16	55%
468	1.8	288.584	8.382	-4.379	0.16	55%
469	1.8	288.555	8.382	-4.382	0.16	54%
470	1.8	288.584	8.382	-4.379	0.16	55%
471	1.8	288.555	8.382	-4.382	0.16	54%
472	1.8	288.555	8.382	-4.382	0.16	54%
473	1.8	288.555	8.382	-4.382	0.16	54%
474	1.8	288.555	8.382	-4.382	0.16	54%
475	1.8	288.555	8.382	-4.382	0.16	54%
476	1.8	288.555	8.382	-4.382	0.16	54%
477	1.8	288.555	8.382	-4.382	0.16	54%
478	1.8	288.555	8.382	-4.382	0.16	54%
479	1.8	288.584	8.382	-4.379	0.16	55%
480	1.8	288.555	8.382	-4.382	0.16	54%
481	1.8	288.555	8.382	-4.382	0.16	54%
482	1.8	288.555	8.382	-4.382	0.16	54%
483	1.8	288.555	8.382	-4.382	0.16	54%
484	1.8	288.555	8.382	-4.382	0.16	54%
485	1.8	288.555	8.382	-4.382	0.16	54%
486	1.8	288.555	8.382	-4.382	0.16	54%
487	1.8	288.584	8.382	-4.379	0.16	55%
488	1.8	288.584	8.382	-4.379	0.16	55%
489	1.8	288.584	8.382	-4.379	0.16	55%
490	1.8	288.613	8.382	-4.376	0.16	56%
491	1.8	288.613	8.382	-4.376	0.16	56%
492	1.8	288.613	8.382	-4.376	0.16	56%
493	1.8	288.613	8.382	-4.376	0.16	56%
494	1.8	288.643	8.382	-4.373	0.15	57%
495	1.8	288.613	8.382	-4.376	0.16	56%
496	1.8	288.643	8.382	-4.373	0.15	57%
497	1.8	288.643	8.382	-4.373	0.15	57%
498	1.8	288.672	8.382	-4.37	0.15	58%
499	1.8	288.643	8.382	-4.373	0.15	57%
500	1.8	288.701	8.382	-4.367	0.15	58%
501	1.8	288.672	8.382	-4.37	0.15	58%
502	1.7	288.672	8.382	-4.37	0.15	58%
503	1.7	288.643	8.382	-4.373	0.15	57%
504	1.7	288.672	8.382	-4.37	0.15	58%
505	1.7	288.672	8.382	-4.37	0.15	58%
506	1.7	288.701	8.382	-4.367	0.15	58%
507	1.7	288.701	8.382	-4.367	0.15	58%
508	1.7	288.701	8.382	-4.367	0.15	58%
509	1.7	288.701	8.382	-4.367	0.15	58%
510	1.7	288.731	8.382	-4.364	0.14	59%
511	1.7	288.731	8.382	-4.364	0.14	59%
512	1.7	288.731	8.382	-4.364	0.14	59%
513	1.7	288.731	8.382	-4.364	0.14	59%
514	1.7	288.76	8.382	-4.361	0.14	60%
515	1.7	288.76	8.382	-4.361	0.14	60%
516	1.7	288.76	8.382	-4.361	0.14	60%
517	1.7	288.76	8.382	-4.361	0.14	60%
518	1.7	288.76	8.382	-4.361	0.14	60%
519	1.7	288.79	8.382	-4.358	0.14	61%
520	1.7	288.76	8.382	-4.361	0.14	60%
521	1.7	288.79	8.382	-4.358	0.14	61%
522	1.7	288.76	8.382	-4.361	0.14	60%
523	1.7	288.79	8.382	-4.358	0.14	61%
524	1.7	288.79	8.382	-4.358	0.14	61%
525	1.7	288.79	8.382	-4.358	0.14	61%
526	1.7	288.79	8.382	-4.358	0.14	61%
527	1.7	288.79	8.382	-4.358	0.14	61%
528	1.7	288.79	8.382	-4.358	0.14	61%
529	1.7	288.79	8.382	-4.358	0.14	61%
530	1.7	288.79	8.382	-4.358	0.14	61%
531	1.7	288.79	8.382	-4.358	0.14	61%
532	1.7	288.819	8.382	-4.355	0.14	62%
533	1.7	288.79	8.382	-4.358	0.14	61%
534	1.7	288.819	8.382	-4.355	0.14	62%
535	1.7	288.819	8.382	-4.355	0.14	62%
536	1.7	288.819	8.382	-4.355	0.14	62%
537	1.7	288.819	8.382	-4.355	0.14	62%
538	1.7	288.848	8.382	-4.352	0.13	63%
539	1.7	288.819	8.382	-4.355	0.14	62%
540	1.7	288.819	8.382	-4.355	0.14	62%
541	1.7	288.819	8.382	-4.355	0.14	62%
542	1.7	288.819	8.382	-4.355	0.14	62%
543	1.7	288.819	8.382	-4.355	0.14	62%
544	1.7	288.819	8.382	-4.355	0.14	62%
545	1.7	288.848	8.382	-4.352	0.13	63%
546	1.7	288.878	8.382	-4.349	0.13	63%
547	1.7	288.848	8.382	-4.352	0.13	63%
548	1.7	288.878	8.382	-4.349	0.13	63%
549	1.7	288.848	8.382	-4.352	0.13	63%
550	1.7	288.848	8.382	-4.352	0.13	63%
551	1.7	288.878	8.382	-4.349	0.13	63%

552	1.7	288.878	8.382	-4.349	0.13	63%
553	1.7	288.878	8.382	-4.349	0.13	63%
554	1.7	288.878	8.382	-4.349	0.13	63%
555	1.7	288.878	8.382	-4.349	0.13	63%
556	1.7	288.878	8.382	-4.349	0.13	63%
557	1.7	288.878	8.382	-4.349	0.13	63%
558	1.7	288.878	8.382	-4.349	0.13	63%
559	1.7	288.878	8.382	-4.349	0.13	63%
560	1.7	288.878	8.382	-4.349	0.13	63%
561	1.7	288.878	8.382	-4.349	0.13	63%
562	1.7	288.907	8.382	-4.346	0.13	64%
563	1.7	288.907	8.382	-4.346	0.13	64%
564	1.7	288.936	8.382	-4.343	0.12	65%
565	1.7	288.936	8.382	-4.343	0.12	65%
566	1.7	288.936	8.382	-4.343	0.12	65%
567	1.7	288.936	8.382	-4.343	0.12	65%
568	1.7	288.966	8.382	-4.34	0.12	66%
569	1.7	288.936	8.382	-4.343	0.12	65%
570	1.7	288.936	8.382	-4.343	0.12	65%
571	1.7	288.966	8.382	-4.34	0.12	66%
572	1.7	288.936	8.382	-4.343	0.12	65%
573	1.7	288.966	8.382	-4.34	0.12	66%
574	1.7	288.995	8.382	-4.337	0.12	67%
575	1.7	288.966	8.382	-4.34	0.12	66%
576	1.7	288.966	8.382	-4.34	0.12	66%
577	1.7	288.995	8.382	-4.337	0.12	67%
578	1.7	288.995	8.382	-4.337	0.12	67%
579	1.6	288.966	8.382	-4.34	0.12	66%
580	1.6	288.966	8.382	-4.34	0.12	66%
581	1.6	288.966	8.382	-4.34	0.12	66%
582	1.6	288.995	8.382	-4.337	0.12	67%
583	1.6	288.995	8.382	-4.337	0.12	67%
584	1.6	288.995	8.382	-4.337	0.12	67%
585	1.6	288.995	8.382	-4.337	0.12	67%
586	1.6	288.995	8.382	-4.337	0.12	67%
587	1.6	289.024	8.382	-4.334	0.11	68%
588	1.6	288.995	8.382	-4.337	0.12	67%
589	1.6	288.995	8.382	-4.337	0.12	67%
590	1.6	289.024	8.382	-4.334	0.11	68%
591	1.6	289.024	8.382	-4.334	0.11	68%
592	1.6	289.024	8.382	-4.334	0.11	68%
593	1.6	289.054	8.382	-4.331	0.11	69%
594	1.6	289.054	8.382	-4.331	0.11	69%
595	1.6	289.024	8.382	-4.334	0.11	68%
596	1.6	289.054	8.382	-4.331	0.11	69%
597	1.6	289.083	8.382	-4.328	0.11	69%
598	1.6	289.054	8.382	-4.331	0.11	69%
599	1.6	289.054	8.382	-4.331	0.11	69%
600	1.6	289.083	8.382	-4.328	0.11	69%
601	1.6	289.054	8.382	-4.331	0.11	69%
602	1.6	289.083	8.382	-4.328	0.11	69%
603	1.6	289.112	8.382	-4.325	0.11	70%
604	1.6	289.083	8.382	-4.328	0.11	69%
605	1.6	289.112	8.382	-4.325	0.11	70%
606	1.6	289.083	8.382	-4.328	0.11	69%
607	1.6	289.112	8.382	-4.325	0.11	70%
608	1.6	289.112	8.382	-4.325	0.11	70%
609	1.6	289.112	8.382	-4.325	0.11	70%
610	1.6	289.112	8.382	-4.325	0.11	70%
611	1.6	289.142	8.382	-4.322	0.10	71%
612	1.6	289.112	8.382	-4.325	0.11	70%
613	1.6	289.112	8.382	-4.325	0.11	70%
614	1.6	289.112	8.382	-4.325	0.11	70%
615	1.6	289.112	8.382	-4.325	0.11	70%
616	1.6	289.112	8.382	-4.325	0.11	70%
617	1.6	289.142	8.382	-4.322	0.10	71%
618	1.6	289.142	8.382	-4.322	0.10	71%
619	1.6	289.112	8.382	-4.325	0.11	70%
620	1.6	289.142	8.382	-4.322	0.10	71%
621	1.6	289.142	8.382	-4.322	0.10	71%
622	1.6	289.142	8.382	-4.322	0.10	71%
623	1.6	289.171	8.382	-4.319	0.10	72%
624	1.6	289.171	8.382	-4.319	0.10	72%
625	1.6	289.171	8.382	-4.319	0.10	72%
626	1.6	289.171	8.382	-4.319	0.10	72%
627	1.6	289.201	8.382	-4.316	0.10	73%
628	1.6	289.142	8.382	-4.322	0.10	71%
629	1.6	289.171	8.382	-4.319	0.10	72%
630	1.6	289.171	8.382	-4.319	0.10	72%
631	1.6	289.171	8.382	-4.319	0.10	72%
632	1.6	289.171	8.382	-4.319	0.10	72%
633	1.6	289.171	8.382	-4.319	0.10	72%
634	1.6	289.171	8.382	-4.319	0.10	72%
635	1.6	289.171	8.382	-4.319	0.10	72%
636	1.6	289.171	8.382	-4.319	0.10	72%
637	1.6	289.201	8.382	-4.316	0.10	73%
638	1.6	289.171	8.382	-4.319	0.10	72%
639	1.6	289.201	8.382	-4.316	0.10	73%
640	1.6	289.201	8.382	-4.316	0.10	73%
641	1.6	289.23	8.382	-4.313	0.09	74%
642	1.6	289.23	8.382	-4.313	0.09	74%
643	1.6	289.23	8.382	-4.313	0.09	74%
644	1.6	289.23	8.382	-4.313	0.09	74%
645	1.6	289.23	8.382	-4.313	0.09	74%
646	1.6	289.201	8.382	-4.316	0.10	73%
647	1.6	289.23	8.382	-4.313	0.09	74%
648	1.6	289.23	8.382	-4.313	0.09	74%
649	1.6	289.23	8.382	-4.313	0.09	74%
650	1.6	289.23	8.382	-4.313	0.09	74%
651	1.6	289.23	8.382	-4.313	0.09	74%
652	1.6	289.23	8.382	-4.313	0.09	74%
653	1.6	289.259	8.382	-4.31	0.09	75%
654	1.6	289.23	8.382	-4.313	0.09	74%
655	1.6	289.23	8.382	-4.313	0.09	74%
656	1.6	289.259	8.382	-4.31	0.09	75%
657	1.6	289.23	8.382	-4.313	0.09	74%
658	1.6	289.259	8.382	-4.31	0.09	75%
659	1.6	289.259	8.382	-4.31	0.09	75%
660	1.6	289.259	8.382	-4.31	0.09	75%
661	1.6	289.259	8.382	-4.31	0.09	75%
662	1.6	289.259	8.382	-4.31	0.09	75%

663	1.6	289.289	8.382	-4.307	0.09	75%
664	1.6	289.259	8.382	-4.31	0.09	75%
665	1.6	289.259	8.382	-4.31	0.09	75%
666	1.6	289.259	8.382	-4.31	0.09	75%
667	1.6	289.259	8.382	-4.31	0.09	75%
668	1.6	289.259	8.382	-4.31	0.09	75%
669	1.6	289.23	8.382	-4.313	0.09	74%
670	1.6	289.259	8.382	-4.31	0.09	75%
671	1.6	289.259	8.382	-4.31	0.09	75%
672	1.6	289.259	8.382	-4.31	0.09	75%
673	1.6	289.259	8.382	-4.31	0.09	75%
674	1.6	289.259	8.382	-4.31	0.09	75%
675	1.6	289.259	8.382	-4.31	0.09	75%
676	1.6	289.289	8.382	-4.307	0.09	75%
677	1.6	289.289	8.382	-4.307	0.09	75%
678	1.6	289.289	8.382	-4.307	0.09	75%
679	1.6	289.259	8.382	-4.31	0.09	75%
680	1.6	289.259	8.382	-4.31	0.09	75%
681	1.6	289.289	8.382	-4.307	0.09	75%
682	1.6	289.289	8.382	-4.307	0.09	75%
683	1.6	289.289	8.382	-4.307	0.09	75%
684	1.5	289.289	8.382	-4.307	0.09	75%
685	1.5	289.289	8.382	-4.307	0.09	75%
686	1.5	289.289	8.382	-4.307	0.09	75%
687	1.5	289.289	8.382	-4.307	0.09	75%
688	1.5	289.289	8.382	-4.307	0.09	75%
689	1.5	289.289	8.382	-4.307	0.09	75%
690	1.5	289.318	8.382	-4.304	0.08	76%
691	1.5	289.318	8.382	-4.304	0.08	76%
692	1.5	289.289	8.382	-4.307	0.09	75%
693	1.5	289.318	8.382	-4.304	0.08	76%
694	1.5	289.318	8.382	-4.304	0.08	76%
695	1.5	289.318	8.382	-4.304	0.08	76%
696	1.5	289.318	8.382	-4.304	0.08	76%
697	1.5	289.318	8.382	-4.304	0.08	76%
698	1.5	289.318	8.382	-4.304	0.08	76%
699	1.5	289.347	8.382	-4.301	0.08	77%
700	1.5	289.347	8.382	-4.301	0.08	77%
701	1.5	289.347	8.382	-4.301	0.08	77%
702	1.5	289.347	8.382	-4.301	0.08	77%
703	1.5	289.347	8.382	-4.301	0.08	77%
704	1.5	289.347	8.382	-4.301	0.08	77%
705	1.5	289.347	8.382	-4.301	0.08	77%
706	1.5	289.377	8.382	-4.298	0.08	78%
707	1.5	289.347	8.382	-4.301	0.08	77%
708	1.5	289.347	8.382	-4.301	0.08	77%
709	1.5	289.347	8.382	-4.301	0.08	77%
710	1.5	289.347	8.382	-4.301	0.08	77%
711	1.5	289.347	8.382	-4.301	0.08	77%
712	1.5	289.347	8.382	-4.301	0.08	77%
713	1.5	289.347	8.382	-4.301	0.08	77%
714	1.5	289.347	8.382	-4.301	0.08	77%
715	1.5	289.377	8.382	-4.298	0.08	78%
716	1.5	289.347	8.382	-4.301	0.08	77%
717	1.5	289.377	8.382	-4.298	0.08	78%
718	1.5	289.377	8.382	-4.298	0.08	78%
719	1.5	289.347	8.382	-4.301	0.08	77%
720	1.5	289.347	8.382	-4.301	0.08	77%
721	1.5	289.377	8.382	-4.298	0.08	78%
722	1.5	289.377	8.382	-4.298	0.08	78%
723	1.5	289.377	8.382	-4.298	0.08	78%
724	1.5	289.377	8.382	-4.298	0.08	78%
725	1.5	289.377	8.382	-4.298	0.08	78%
726	1.5	289.347	8.382	-4.301	0.08	77%
727	1.5	289.377	8.382	-4.298	0.08	78%
728	1.5	289.377	8.382	-4.298	0.08	78%
729	1.5	289.377	8.382	-4.298	0.08	78%
730	1.5	289.377	8.382	-4.298	0.08	78%
731	1.5	289.377	8.382	-4.298	0.08	78%
732	1.5	289.377	8.382	-4.298	0.08	78%
733	1.5	289.377	8.382	-4.298	0.08	78%
734	1.5	289.406	8.382	-4.295	0.08	79%
735	1.5	289.377	8.382	-4.298	0.08	78%
736	1.5	289.377	8.382	-4.298	0.08	78%
737	1.5	289.406	8.382	-4.295	0.08	79%
738	1.5	289.377	8.382	-4.298	0.08	78%
739	1.5	289.406	8.382	-4.295	0.08	79%
740	1.5	289.377	8.382	-4.298	0.08	78%
741	1.5	289.377	8.382	-4.298	0.08	78%
742	1.5	289.377	8.382	-4.298	0.08	78%
743	1.5	289.377	8.382	-4.298	0.08	78%
744	1.5	289.377	8.382	-4.298	0.08	78%
745	1.5	289.406	8.382	-4.295	0.08	79%
746	1.5	289.377	8.382	-4.298	0.08	78%
747	1.5	289.377	8.382	-4.298	0.08	78%
748	1.5	289.406	8.382	-4.295	0.08	79%
749	1.5	289.406	8.382	-4.295	0.08	79%
750	1.5	289.406	8.382	-4.295	0.08	79%
751	1.5	289.377	8.382	-4.298	0.08	78%
752	1.5	289.377	8.382	-4.298	0.08	78%
753	1.5	289.406	8.382	-4.295	0.08	79%
754	1.5	289.406	8.382	-4.295	0.08	79%
755	1.5	289.406	8.382	-4.295	0.08	79%
756	1.5	289.406	8.382	-4.295	0.08	79%
757	1.5	289.406	8.382	-4.295	0.08	79%
758	1.5	289.406	8.382	-4.295	0.08	79%
759	1.5	289.406	8.382	-4.295	0.08	79%
760	1.5	289.377	8.382	-4.298	0.08	78%
761	1.5	289.377	8.382	-4.298	0.08	78%
762	1.5	289.406	8.382	-4.295	0.08	79%
763	1.5	289.406	8.382	-4.295	0.08	79%
764	1.5	289.406	8.382	-4.295	0.08	79%
765	1.5	289.406	8.382	-4.295	0.08	79%
766	1.5	289.406	8.382	-4.295	0.08	79%
767	1.5	289.435	8.382	-4.292	0.07	80%
768	1.5	289.406	8.382	-4.295	0.08	79%
769	1.5	289.406	8.382	-4.295	0.08	79%
770	1.5	289.406	8.382	-4.295	0.08	79%
771	1.5	289.406	8.382	-4.295	0.08	79%
772	1.5	289.406	8.382	-4.295	0.08	79%
773	1.5	289.406	8.382	-4.295	0.08	79%

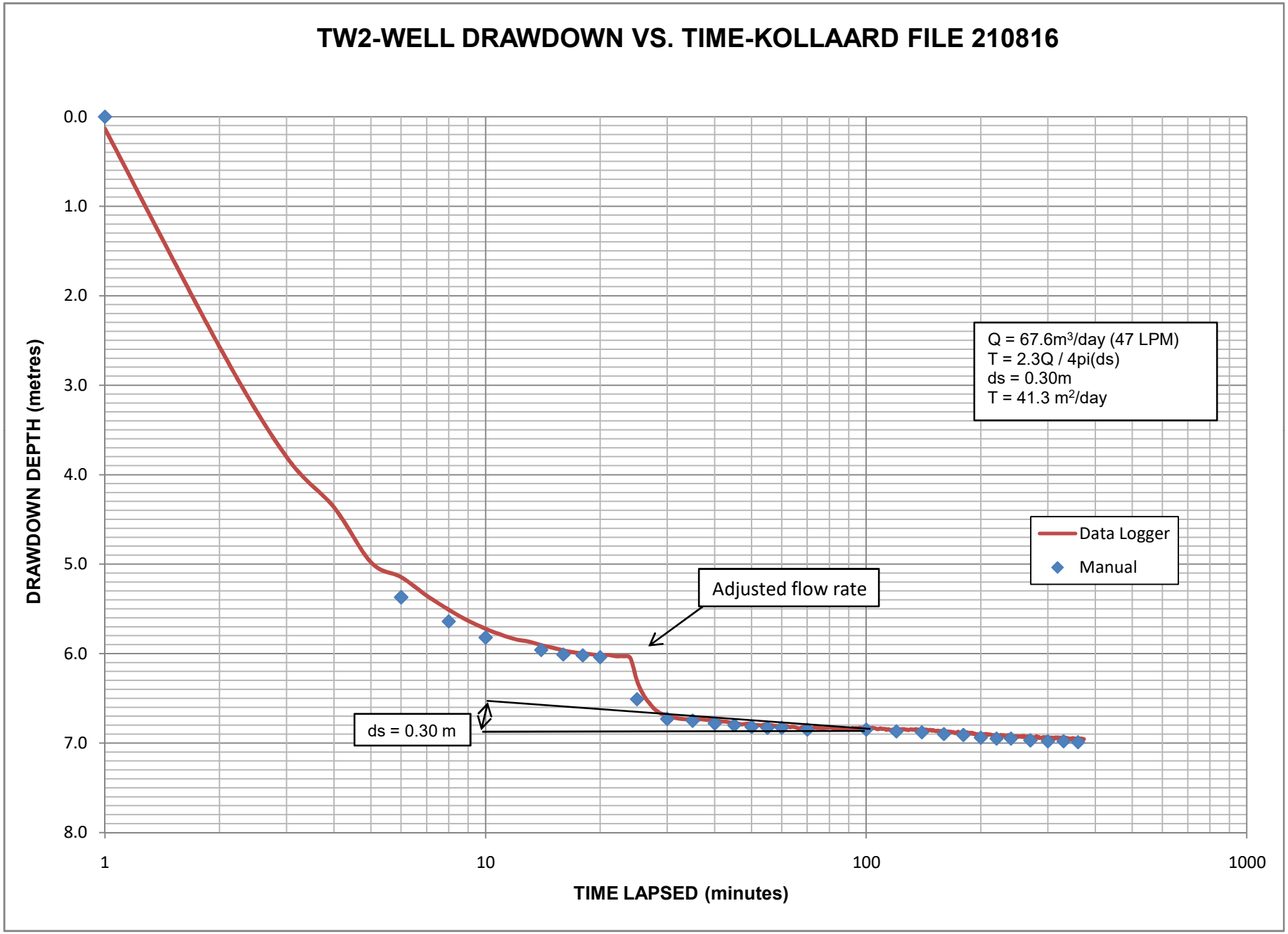
774	1.5	289.406	8.382	-4.295	0.08	79%
775	1.5	289.406	8.382	-4.295	0.08	79%
776	1.5	289.435	8.382	-4.292	0.07	80%
777	1.5	289.406	8.382	-4.295	0.08	79%
778	1.5	289.435	8.382	-4.292	0.07	80%
779	1.5	289.406	8.382	-4.295	0.08	79%
780	1.5	289.435	8.382	-4.292	0.07	80%
781	1.5	289.435	8.382	-4.292	0.07	80%
782	1.5	289.435	8.382	-4.292	0.07	80%
783	1.5	289.435	8.382	-4.292	0.07	80%
784	1.5	289.435	8.382	-4.292	0.07	80%
785	1.5	289.435	8.382	-4.292	0.07	80%
786	1.5	289.435	8.382	-4.292	0.07	80%
787	1.5	289.435	8.382	-4.292	0.07	80%
788	1.5	289.435	8.382	-4.292	0.07	80%
789	1.5	289.435	8.382	-4.292	0.07	80%
790	1.5	289.435	8.382	-4.292	0.07	80%
791	1.5	289.435	8.382	-4.292	0.07	80%
792	1.5	289.435	8.382	-4.292	0.07	80%
793	1.5	289.465	8.382	-4.289	0.07	80%
794	1.5	289.435	8.382	-4.292	0.07	80%
795	1.5	289.435	8.382	-4.292	0.07	80%
796	1.5	289.435	8.382	-4.292	0.07	80%
797	1.5	289.465	8.382	-4.289	0.07	80%
798	1.5	289.465	8.382	-4.289	0.07	80%
799	1.5	289.465	8.382	-4.289	0.07	80%
800	1.5	289.435	8.382	-4.292	0.07	80%
801	1.5	289.465	8.382	-4.289	0.07	80%
802	1.5	289.465	8.382	-4.289	0.07	80%
803	1.5	289.435	8.382	-4.292	0.07	80%
804	1.5	289.465	8.382	-4.289	0.07	80%
805	1.5	289.465	8.382	-4.289	0.07	80%
806	1.5	289.465	8.382	-4.289	0.07	80%
807	1.5	289.435	8.382	-4.292	0.07	80%
808	1.5	289.465	8.382	-4.289	0.07	80%
809	1.5	289.465	8.382	-4.289	0.07	80%
810	1.5	289.465	8.382	-4.289	0.07	80%
811	1.5	289.465	8.382	-4.289	0.07	80%
812	1.5	289.465	8.382	-4.289	0.07	80%
813	1.5	289.465	8.382	-4.289	0.07	80%
814	1.5	289.465	8.382	-4.289	0.07	80%
815	1.5	289.465	8.382	-4.289	0.07	80%
816	1.5	289.465	8.382	-4.289	0.07	80%
817	1.5	289.494	8.382	-4.286	0.07	81%
818	1.5	289.465	8.382	-4.289	0.07	80%
819	1.5	289.465	8.382	-4.289	0.07	80%
820	1.5	289.465	8.382	-4.289	0.07	80%
821	1.5	289.465	8.382	-4.289	0.07	80%
822	1.5	289.465	8.382	-4.289	0.07	80%
823	1.5	289.465	8.382	-4.289	0.07	80%
824	1.5	289.465	8.382	-4.289	0.07	80%
825	1.5	289.465	8.382	-4.289	0.07	80%
826	1.5	289.465	8.382	-4.289	0.07	80%
827	1.5	289.465	8.382	-4.289	0.07	80%
828	1.5	289.465	8.382	-4.289	0.07	80%
829	1.5	289.465	8.382	-4.289	0.07	80%
830	1.5	289.465	8.382	-4.289	0.07	80%
831	1.5	289.494	8.382	-4.286	0.07	81%
832	1.5	289.465	8.382	-4.289	0.07	80%
833	1.5	289.494	8.382	-4.286	0.07	81%
834	1.5	289.465	8.382	-4.289	0.07	80%
835	1.5	289.465	8.382	-4.289	0.07	80%
836	1.4	289.465	8.382	-4.289	0.07	80%
837	1.4	289.465	8.382	-4.289	0.07	80%
838	1.4	289.465	8.382	-4.289	0.07	80%
839	1.4	289.494	8.382	-4.286	0.07	81%
840	1.4	289.494	8.382	-4.286	0.07	81%
841	1.4	289.465	8.382	-4.289	0.07	80%
842	1.4	289.494	8.382	-4.286	0.07	81%
843	1.4	289.465	8.382	-4.289	0.07	80%
844	1.4	289.465	8.382	-4.289	0.07	80%
845	1.4	289.465	8.382	-4.289	0.07	80%
846	1.4	289.465	8.382	-4.289	0.07	80%
847	1.4	289.494	8.382	-4.286	0.07	81%
848	1.4	289.494	8.382	-4.286	0.07	81%
849	1.4	289.494	8.382	-4.286	0.07	81%
850	1.4	289.494	8.382	-4.286	0.07	81%
851	1.4	289.494	8.382	-4.286	0.07	81%
852	1.4	289.465	8.382	-4.289	0.07	80%
853	1.4	289.494	8.382	-4.286	0.07	81%
854	1.4	289.494	8.382	-4.286	0.07	81%
855	1.4	289.494	8.382	-4.286	0.07	81%
856	1.4	289.494	8.382	-4.286	0.07	81%
857	1.4	289.523	8.382	-4.283	0.06	82%
858	1.4	289.494	8.382	-4.286	0.07	81%
859	1.4	289.494	8.382	-4.286	0.07	81%
860	1.4	289.494	8.382	-4.286	0.07	81%
861	1.4	289.523	8.382	-4.283	0.06	82%
862	1.4	289.523	8.382	-4.283	0.06	82%
863	1.4	289.523	8.382	-4.283	0.06	82%
864	1.4	289.494	8.382	-4.286	0.07	81%
865	1.4	289.523	8.382	-4.283	0.06	82%
866	1.4	289.523	8.382	-4.283	0.06	82%
867	1.4	289.523	8.382	-4.283	0.06	82%
868	1.4	289.523	8.382	-4.283	0.06	82%
869	1.4	289.523	8.382	-4.283	0.06	82%
870	1.4	289.523	8.382	-4.283	0.06	82%
871	1.4	289.523	8.382	-4.283	0.06	82%
872	1.4	289.523	8.382	-4.283	0.06	82%
873	1.4	289.523	8.382	-4.283	0.06	82%
874	1.4	289.523	8.382	-4.283	0.06	82%
875	1.4	289.523	8.382	-4.283	0.06	82%
876	1.4	289.523	8.382	-4.283	0.06	82%
877	1.4	289.523	8.382	-4.283	0.06	82%
878	1.4	289.553	8.382	-4.28	0.06	83%
879	1.4	289.523	8.382	-4.283	0.06	82%
880	1.4	289.523	8.382	-4.283	0.06	82%
881	1.4	289.523	8.382	-4.283	0.06	82%
882	1.4	289.523	8.382	-4.283	0.06	82%
883	1.4	289.523	8.382	-4.283	0.06	82%
884	1.4	289.523	8.382	-4.283	0.06	82%

885	1.4	289.523	8.382	-4.283	0.06	82%
886	1.4	289.523	8.382	-4.283	0.06	82%
887	1.4	289.523	8.382	-4.283	0.06	82%
888	1.4	289.553	8.382	-4.28	0.06	83%
889	1.4	289.523	8.382	-4.283	0.06	82%
890	1.4	289.523	8.382	-4.283	0.06	82%
891	1.4	289.553	8.382	-4.28	0.06	83%
892	1.4	289.553	8.382	-4.28	0.06	83%
893	1.4	289.553	8.382	-4.28	0.06	83%
894	1.4	289.553	8.382	-4.28	0.06	83%
895	1.4	289.523	8.382	-4.283	0.06	82%
896	1.4	289.553	8.382	-4.28	0.06	83%
897	1.4	289.553	8.382	-4.28	0.06	83%
898	1.4	289.553	8.382	-4.28	0.06	83%
899	1.4	289.553	8.382	-4.28	0.06	83%
900	1.4	289.553	8.382	-4.28	0.06	83%
901	1.4	289.553	8.382	-4.28	0.06	83%
902	1.4	289.523	8.382	-4.283	0.06	82%
903	1.4	289.553	8.382	-4.28	0.06	83%
904	1.4	289.553	8.382	-4.28	0.06	83%
905	1.4	289.553	8.382	-4.28	0.06	83%
906	1.4	289.553	8.382	-4.28	0.06	83%
907	1.4	289.553	8.382	-4.28	0.06	83%
908	1.4	289.553	8.382	-4.28	0.06	83%
909	1.4	289.553	8.382	-4.28	0.06	83%
910	1.4	289.553	8.382	-4.28	0.06	83%
911	1.4	289.582	8.382	-4.277	0.06	84%
912	1.4	289.582	8.382	-4.277	0.06	84%
913	1.4	289.553	8.382	-4.28	0.06	83%
914	1.4	289.582	8.382	-4.277	0.06	84%
915	1.4	289.582	8.382	-4.277	0.06	84%
916	1.4	289.582	8.382	-4.277	0.06	84%
917	1.4	289.553	8.382	-4.28	0.06	83%
918	1.4	289.553	8.382	-4.28	0.06	83%
919	1.4	289.553	8.382	-4.28	0.06	83%
920	1.4	289.553	8.382	-4.28	0.06	83%
921	1.4	289.582	8.382	-4.277	0.06	84%
922	1.4	289.582	8.382	-4.277	0.06	84%
923	1.4	289.553	8.382	-4.28	0.06	83%
924	1.4	289.553	8.382	-4.28	0.06	83%
925	1.4	289.553	8.382	-4.28	0.06	83%
926	1.4	289.582	8.382	-4.277	0.06	84%
927	1.4	289.582	8.382	-4.277	0.06	84%
928	1.4	289.553	8.382	-4.28	0.06	83%
929	1.4	289.553	8.382	-4.28	0.06	83%
930	1.4	289.582	8.382	-4.277	0.06	84%
931	1.4	289.582	8.382	-4.277	0.06	84%
932	1.4	289.582	8.382	-4.277	0.06	84%
933	1.4	289.553	8.382	-4.28	0.06	83%
934	1.4	289.582	8.382	-4.277	0.06	84%
935	1.4	289.582	8.382	-4.277	0.06	84%
936	1.4	289.582	8.382	-4.277	0.06	84%
937	1.4	289.582	8.382	-4.277	0.06	84%
938	1.4	289.582	8.382	-4.277	0.06	84%
939	1.4	289.612	8.382	-4.274	0.05	85%
940	1.4	289.612	8.382	-4.274	0.05	85%
941	1.4	289.612	8.382	-4.274	0.05	85%
942	1.4	289.582	8.382	-4.277	0.06	84%
943	1.4	289.612	8.382	-4.274	0.05	85%
944	1.4	289.612	8.382	-4.274	0.05	85%
945	1.4	289.612	8.382	-4.274	0.05	85%
946	1.4	289.612	8.382	-4.274	0.05	85%
947	1.4	289.612	8.382	-4.274	0.05	85%
948	1.4	289.612	8.382	-4.274	0.05	85%
949	1.4	289.612	8.382	-4.274	0.05	85%
950	1.4	289.641	8.382	-4.271	0.05	86%
951	1.4	289.612	8.382	-4.274	0.05	85%
952	1.4	289.641	8.382	-4.271	0.05	86%
953	1.4	289.641	8.382	-4.271	0.05	86%
954	1.4	289.641	8.382	-4.271	0.05	86%
955	1.4	289.641	8.382	-4.271	0.05	86%
956	1.4	289.641	8.382	-4.271	0.05	86%
957	1.4	289.641	8.382	-4.271	0.05	86%
958	1.4	289.641	8.382	-4.271	0.05	86%
959	1.4	289.67	8.382	-4.268	0.05	86%
960	1.4	289.67	8.382	-4.268	0.05	86%
961	1.4	289.67	8.382	-4.268	0.05	86%
962	1.4	289.67	8.382	-4.268	0.05	86%
963	1.4	289.641	8.382	-4.271	0.05	86%
964	1.4	289.7	8.382	-4.265	0.04	87%
965	1.4	289.67	8.382	-4.268	0.05	86%
966	1.4	289.67	8.382	-4.268	0.05	86%
967	1.4	289.67	8.382	-4.268	0.05	86%
968	1.4	289.67	8.382	-4.268	0.05	86%
969	1.4	289.7	8.382	-4.265	0.04	87%
970	1.4	289.7	8.382	-4.265	0.04	87%
971	1.4	289.7	8.382	-4.265	0.04	87%
972	1.4	289.7	8.382	-4.265	0.04	87%
973	1.4	289.7	8.382	-4.265	0.04	87%
974	1.4	289.7	8.382	-4.265	0.04	87%
975	1.4	289.7	8.382	-4.265	0.04	87%
976	1.4	289.7	8.382	-4.265	0.04	87%
977	1.4	289.7	8.382	-4.265	0.04	87%
978	1.4	289.7	8.382	-4.265	0.04	87%
979	1.4	289.729	8.382	-4.262	0.04	88%
980	1.4	289.7	8.382	-4.265	0.04	87%
981	1.4	289.7	8.382	-4.265	0.04	87%
982	1.4	289.7	8.382	-4.265	0.04	87%
983	1.4	289.729	8.382	-4.262	0.04	88%
984	1.4	289.729	8.382	-4.262	0.04	88%
985	1.4	289.758	8.382	-4.259	0.04	89%
986	1.4	289.729	8.382	-4.262	0.04	88%
987	1.4	289.729	8.382	-4.262	0.04	88%
988	1.4	289.729	8.382	-4.262	0.04	88%
989	1.4	289.729	8.382	-4.262	0.04	88%
990	1.4	289.7	8.382	-4.265	0.04	87%
991	1.4	289.729	8.382	-4.262	0.04	88%
992	1.4	289.729	8.382	-4.262	0.04	88%
993	1.4	289.729	8.382	-4.262	0.04	88%
994	1.4	289.729	8.382	-4.262	0.04	88%
995	1.4	289.729	8.382	-4.262	0.04	88%

996	1.4	289.758	8.382	-4.259	0.04	89%
997	1.4	289.729	8.382	-4.262	0.04	88%
998	1.4	289.758	8.382	-4.259	0.04	89%
999	1.4	289.758	8.382	-4.259	0.04	89%
1000	1.4	289.788	8.382	-4.256	0.04	90%
1001	1.4	289.758	8.382	-4.259	0.04	89%
1002	1.4	289.758	8.382	-4.259	0.04	89%
1003	1.4	289.788	8.382	-4.256	0.04	90%
1004	1.4	289.788	8.382	-4.256	0.04	90%
1005	1.4	289.788	8.382	-4.256	0.04	90%
1006	1.4	289.788	8.382	-4.256	0.04	90%
1007	1.4	289.758	8.382	-4.259	0.04	89%
1008	1.4	289.758	8.382	-4.259	0.04	89%
1009	1.4	289.758	8.382	-4.259	0.04	89%
1010	1.4	289.788	8.382	-4.256	0.04	90%
1011	1.4	289.788	8.382	-4.256	0.04	90%
1012	1.4	289.817	8.382	-4.253	0.03	91%
1013	1.4	289.788	8.382	-4.256	0.04	90%
1014	1.4	289.788	8.382	-4.256	0.04	90%
1015	1.4	289.788	8.382	-4.256	0.04	90%
1016	1.4	289.788	8.382	-4.256	0.04	90%
1017	1.4	289.817	8.382	-4.253	0.03	91%
1018	1.4	289.788	8.382	-4.256	0.04	90%
1019	1.4	289.817	8.382	-4.253	0.03	91%
1020	1.4	289.817	8.382	-4.253	0.03	91%
1021	1.4	289.817	8.382	-4.253	0.03	91%
1022	1.4	289.788	8.382	-4.256	0.04	90%
1023	1.4	289.817	8.382	-4.253	0.03	91%
1024	1.4	289.817	8.382	-4.253	0.03	91%
1025	1.4	289.788	8.382	-4.256	0.04	90%
1026	1.4	289.817	8.382	-4.253	0.03	91%
1027	1.4	289.817	8.382	-4.253	0.03	91%
1028	1.4	289.817	8.382	-4.253	0.03	91%
1029	1.4	289.817	8.382	-4.253	0.03	91%
1030	1.4	289.817	8.382	-4.253	0.03	91%
1031	1.4	289.846	8.382	-4.25	0.03	92%
1032	1.4	289.817	8.382	-4.253	0.03	91%
1033	1.4	289.817	8.382	-4.253	0.03	91%
1034	1.4	289.817	8.382	-4.253	0.03	91%
1035	1.4	289.817	8.382	-4.253	0.03	91%
1036	1.4	289.817	8.382	-4.253	0.03	91%
1037	1.4	289.846	8.382	-4.25	0.03	92%
1038	1.4	289.876	8.382	-4.247	0.03	92%
1039	1.4	289.846	8.382	-4.25	0.03	92%
1040	1.4	289.846	8.382	-4.25	0.03	92%
1041	1.4	289.846	8.382	-4.25	0.03	92%
1042	1.4	289.846	8.382	-4.25	0.03	92%
1043	1.4	289.846	8.382	-4.25	0.03	92%
1044	1.4	289.846	8.382	-4.25	0.03	92%
1045	1.4	289.876	8.382	-4.247	0.03	92%
1046	1.4	289.846	8.382	-4.25	0.03	92%
1047	1.4	289.876	8.382	-4.247	0.03	92%
1048	1.4	289.905	8.382	-4.244	0.02	93%
1049	1.4	289.876	8.382	-4.247	0.03	92%
1050	1.4	289.876	8.382	-4.247	0.03	92%
1051	1.4	289.876	8.382	-4.247	0.03	92%
1052	1.4	289.876	8.382	-4.247	0.03	92%
1053	1.4	289.876	8.382	-4.247	0.03	92%
1054	1.4	289.876	8.382	-4.247	0.03	92%
1055	1.4	289.876	8.382	-4.247	0.03	92%
1056	1.4	289.876	8.382	-4.247	0.03	92%
1057	1.4	289.876	8.382	-4.247	0.03	92%
1058	1.4	289.905	8.382	-4.244	0.02	93%
1059	1.4	289.905	8.382	-4.244	0.02	93%
1060	1.4	289.905	8.382	-4.244	0.02	93%
1061	1.4	289.905	8.382	-4.244	0.02	93%
1062	1.4	289.905	8.382	-4.244	0.02	93%
1063	1.4	289.905	8.382	-4.244	0.02	93%
1064	1.4	289.905	8.382	-4.244	0.02	93%
1065	1.4	289.905	8.382	-4.244	0.02	93%
1066	1.4	289.905	8.382	-4.244	0.02	93%
1067	1.4	289.905	8.382	-4.244	0.02	93%
1068	1.4	289.905	8.382	-4.244	0.02	93%
1069	1.4	289.905	8.382	-4.244	0.02	93%
1070	1.4	289.905	8.382	-4.244	0.02	93%
1071	1.4	289.934	8.382	-4.241	0.02	94%
1072	1.4	289.905	8.382	-4.244	0.02	93%
1073	1.4	289.934	8.382	-4.241	0.02	94%
1074	1.4	289.905	8.382	-4.244	0.02	93%
1075	1.3	289.934	8.382	-4.241	0.02	94%
1076	1.3	289.905	8.382	-4.244	0.02	93%
1077	1.3	289.934	8.382	-4.241	0.02	94%
1078	1.3	289.905	8.382	-4.244	0.02	93%
1079	1.3	289.934	8.382	-4.241	0.02	94%
1080	1.3	289.934	8.382	-4.241	0.02	94%
1081	1.3	289.934	8.382	-4.241	0.02	94%
1082	1.3	289.934	8.382	-4.241	0.02	94%
1083	1.3	289.934	8.382	-4.241	0.02	94%
1084	1.3	289.934	8.382	-4.241	0.02	94%
1085	1.3	289.964	8.382	-4.238	0.02	95%
1086	1.3	289.934	8.382	-4.241	0.02	94%
1087	1.3	289.934	8.382	-4.241	0.02	94%
1088	1.3	289.964	8.382	-4.238	0.02	95%
1089	1.3	289.934	8.382	-4.241	0.02	94%
1090	1.3	289.964	8.382	-4.238	0.02	95%
1091	1.3	289.964	8.382	-4.238	0.02	95%
1092	1.3	289.964	8.382	-4.238	0.02	95%

ATTACHMENT I

PUMPING TEST DATA FOR TW2


TW2-WELL DRAWDOWN VS. TIME-KOLLAARD FILE 210816
DRAWDOWN DEPTH (metres)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
1
10
100
1000
TIME LAPSED (minutes)
Q = 67.6m³/day (47 LPM)
T = 2.3Q / 4pi(ds)
ds = 0.30m
T = 41.3 m²/day
Data Logger
Manual
Adjusted flow rate
ds = 0.30 m

Kollaard File 210816 Pump Rate 47.0 litres/minute

DRAWDOWN DATA TW1

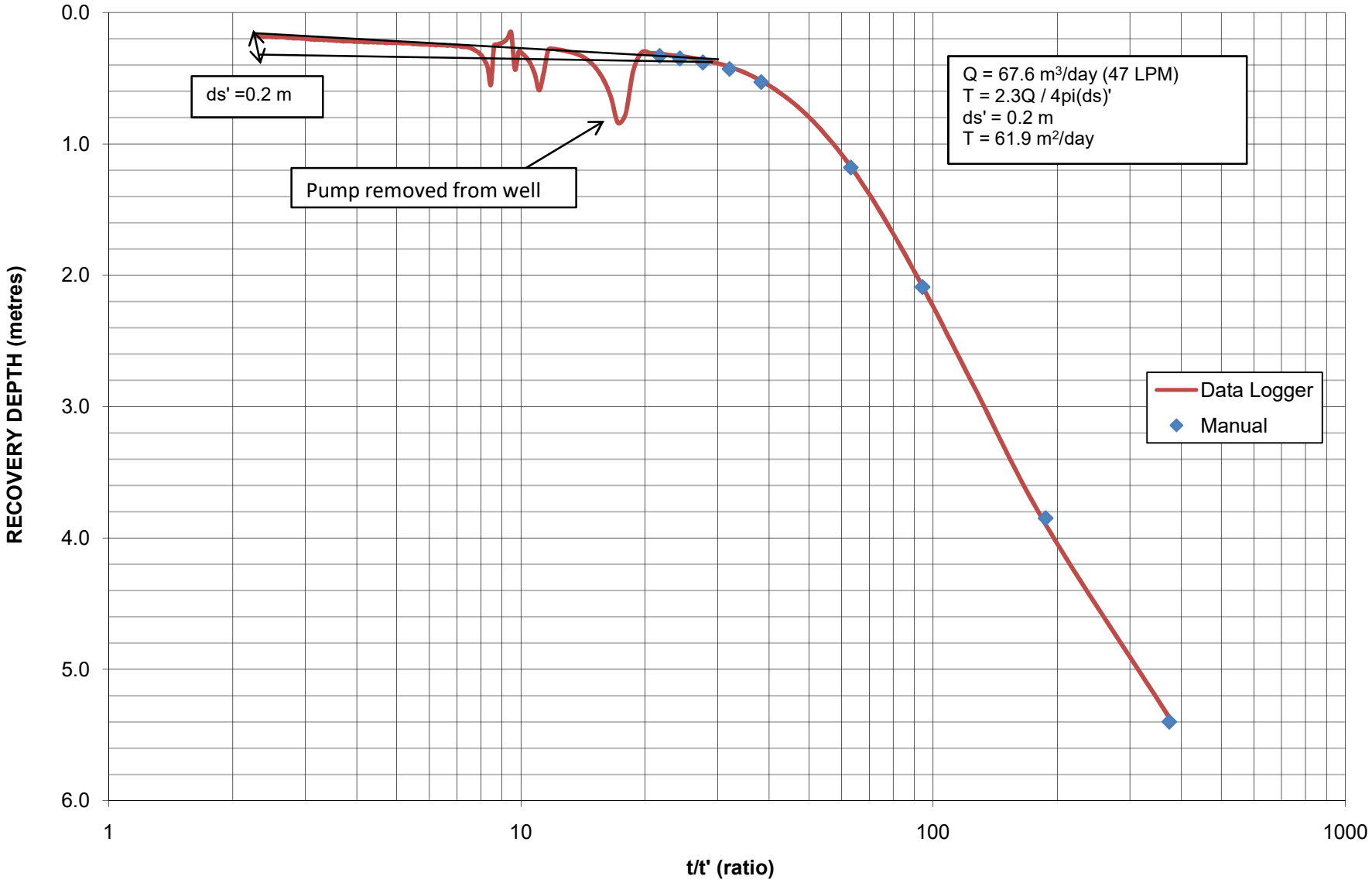
Time Lapsed (minutes)	Abs Pres (kPa)	Temp (°C)	Water Level (m)	Drawdown (m)	Water Level (Manual) (m)	Drawdown (m)
0	380.276	8.581	-1.7	0.00	-1.70	0
1	378.962	8.581	-1.834	0.13		
2	355.044	8.581	-4.273	2.57		
3	342.981	8.581	-5.503	3.80		
4	337.436	8.581	-6.068	4.37		
5	331.431	8.581	-6.681	4.98		
6	329.807	8.581	-6.846	5.15	-7.07	5.37
7	327.778	8.581	-7.053	5.35		
8	326.242	8.581	-7.21	5.51	-7.34	5.64
9	325.025	8.581	-7.334	5.63		
10	324.155	8.581	-7.423	5.72	-7.52	5.82
11	323.489	8.581	-7.491	5.79		
12	322.997	8.581	-7.541	5.84		
13	322.736	8.581	-7.567	5.87		
14	322.359	8.581	-7.606	5.91	-7.66	5.96
15	322.07	8.581	-7.635	5.94		
16	321.78	8.581	-7.665	5.97	-7.71	6.01
17	321.577	8.581	-7.686	5.99		
18	321.461	8.581	-7.697	6.00	-7.72	6.02
19	321.346	8.581	-7.709	6.01		
20	321.259	8.581	-7.718	6.02	-7.74	6.04
21	321.288	8.581	-7.715	6.02		
22	321.143	8.581	-7.73	6.03		
23	321.143	8.581	-7.73	6.03		
24	320.94	8.581	-7.751	6.05		
25	318.421	8.581	-8.007	6.31	-8.21	6.51
26	316.887	8.581	-8.164	6.46		
27	315.932	8.581	-8.261	6.56		
28	315.237	8.581	-8.332	6.63		
29	314.832	8.581	-8.373	6.67		
30	314.716	8.581	-8.385	6.69	-8.43	6.73
31	314.456	8.581	-8.412	6.71		
32	314.34	8.581	-8.424	6.72		
33	314.253	8.581	-8.432	6.73		
34	314.224	8.581	-8.435	6.74		
35	314.167	8.581	-8.441	6.74	-8.45	6.75
36	314.224	8.581	-8.435	6.74		
37	314.224	8.581	-8.435	6.74		
38	314.167	8.581	-8.441	6.74		
39	314.167	8.581	-8.441	6.74		
40	314.08	8.581	-8.45	6.75	-8.48	6.78
41	314.051	8.581	-8.453	6.75		
42	313.993	8.581	-8.459	6.76		
43	313.964	8.581	-8.462	6.76		
44	313.877	8.581	-8.471	6.77		
45	313.79	8.581	-8.48	6.78	-8.50	6.80
46	313.762	8.581	-8.483	6.78		
47	313.675	8.581	-8.491	6.79		
48	313.704	8.581	-8.488	6.79		
49	313.762	8.581	-8.483	6.78		
50	313.646	8.581	-8.494	6.79	-8.52	6.82
51	313.617	8.581	-8.497	6.80		
52	313.588	8.581	-8.5	6.80		
53	313.559	8.581	-8.503	6.80		
54	313.646	8.581	-8.494	6.79		
55	313.472	8.581	-8.512	6.81	-8.53	6.83
56	313.588	8.581	-8.5	6.80		
57	313.53	8.581	-8.506	6.81		
58	313.501	8.581	-8.509	6.81		
59	313.501	8.581	-8.509	6.81		
60	313.501	8.581	-8.509	6.81	-8.53	6.83
61	313.501	8.581	-8.509	6.81		
62	313.472	8.581	-8.512	6.81		
63	313.356	8.581	-8.524	6.82		
64	313.414	8.581	-8.518	6.82		
65	313.356	8.581	-8.524	6.82		
66	313.27	8.581	-8.533	6.83		
67	313.241	8.581	-8.536	6.84		
68	313.356	8.581	-8.524	6.82		
69	313.385	8.581	-8.521	6.82		
70	313.328	8.581	-8.527	6.83	-8.55	6.85
71	313.328	8.581	-8.527	6.83		
72	313.212	8.581	-8.539	6.84		
73	313.328	8.581	-8.527	6.83		
74	313.27	8.581	-8.533	6.83		
75	313.27	8.581	-8.533	6.83		
76	313.27	8.581	-8.533	6.83		
77	313.212	8.581	-8.539	6.84		
78	313.299	8.581	-8.53	6.83		
79	313.27	8.581	-8.533	6.83		
80	313.356	8.581	-8.524	6.82		
81	313.299	8.581	-8.53	6.83		
82	313.241	8.581	-8.536	6.84		
83	313.096	8.581	-8.55	6.85		
84	313.154	8.581	-8.545	6.85		
85	313.183	8.581	-8.542	6.84		
86	313.183	8.581	-8.542	6.84		
87	313.183	8.581	-8.542	6.84		
88	313.183	8.581	-8.542	6.84		
89	313.183	8.581	-8.542	6.84		

90	313.183	8.581	-8.542	6.84		
91	313.183	8.581	-8.542	6.84		
92	313.27	8.581	-8.533	6.83		
93	313.241	8.581	-8.536	6.84		
94	313.27	8.581	-8.533	6.83		
95	313.241	8.581	-8.536	6.84		
96	313.299	8.581	-8.53	6.83		
97	313.299	8.581	-8.53	6.83		
98	313.241	8.581	-8.536	6.84		
99	313.241	8.581	-8.536	6.84		
100	313.27	8.581	-8.533	6.83	-8.55	6.85
101	313.27	8.581	-8.533	6.83		
102	313.27	8.581	-8.533	6.83		
103	313.27	8.581	-8.533	6.83		
104	313.299	8.581	-8.53	6.83		
105	313.27	8.581	-8.533	6.83		
106	313.212	8.581	-8.539	6.84		
107	313.154	8.581	-8.545	6.85		
108	313.183	8.581	-8.542	6.84		
109	313.241	8.581	-8.536	6.84		
110	313.183	8.581	-8.542	6.84		
111	313.183	8.581	-8.542	6.84		
112	313.183	8.581	-8.542	6.84		
113	313.067	8.581	-8.553	6.85		
114	313.154	8.581	-8.545	6.85		
115	313.096	8.581	-8.55	6.85		
116	313.009	8.581	-8.559	6.86		
117	313.096	8.581	-8.55	6.85		
118	313.067	8.581	-8.553	6.85		
119	313.125	8.581	-8.547	6.85		
120	313.125	8.581	-8.547	6.85	-8.57	6.87
121	313.038	8.581	-8.556	6.86		
122	313.125	8.581	-8.547	6.85		
123	313.096	8.581	-8.55	6.85		
124	313.154	8.581	-8.545	6.85		
125	313.154	8.581	-8.545	6.85		
126	313.154	8.581	-8.545	6.85		
127	313.096	8.581	-8.55	6.85		
128	313.096	8.581	-8.55	6.85		
129	313.038	8.581	-8.556	6.86		
130	313.096	8.581	-8.55	6.85		
131	313.125	8.581	-8.547	6.85		
132	313.096	8.581	-8.55	6.85		
133	313.096	8.581	-8.55	6.85		
134	313.067	8.581	-8.553	6.85		
135	313.154	8.581	-8.545	6.85		
136	313.038	8.581	-8.556	6.86		
137	313.096	8.581	-8.55	6.85		
138	313.009	8.581	-8.559	6.86		
139	313.038	8.581	-8.556	6.86		
140	313.038	8.581	-8.556	6.86	-8.58	6.88
141	313.067	8.581	-8.553	6.85		
142	313.038	8.581	-8.556	6.86		
143	313.096	8.581	-8.55	6.85		
144	313.096	8.581	-8.55	6.85		
145	312.951	8.581	-8.565	6.87		
146	313.038	8.581	-8.556	6.86		
147	313.067	8.581	-8.553	6.85		
148	313.038	8.581	-8.556	6.86		
149	312.98	8.581	-8.562	6.86		
150	313.038	8.581	-8.556	6.86		
151	312.98	8.581	-8.562	6.86		
152	312.951	8.581	-8.565	6.87		
153	312.923	8.581	-8.568	6.87		
154	312.98	8.581	-8.562	6.86		
155	312.951	8.581	-8.565	6.87		
156	312.923	8.581	-8.568	6.87		
157	312.951	8.581	-8.565	6.87		
158	312.923	8.581	-8.568	6.87		
159	312.923	8.581	-8.568	6.87		
160	312.951	8.581	-8.565	6.87	-8.60	6.90
161	312.894	8.581	-8.571	6.87		
162	312.865	8.581	-8.574	6.87		
163	312.865	8.581	-8.574	6.87		
164	312.894	8.581	-8.571	6.87		
165	312.836	8.581	-8.577	6.88		
166	312.865	8.581	-8.574	6.87		
167	312.865	8.581	-8.574	6.87		
168	312.807	8.581	-8.58	6.88		
169	312.836	8.581	-8.577	6.88		
170	312.807	8.581	-8.58	6.88		
171	312.72	8.581	-8.589	6.89		
172	312.749	8.581	-8.586	6.89		
173	312.778	8.581	-8.583	6.88		
174	312.865	8.581	-8.574	6.87		
175	312.836	8.581	-8.577	6.88		
176	312.778	8.581	-8.583	6.88		
177	312.72	8.581	-8.589	6.89		
178	312.749	8.581	-8.586	6.89		
179	312.865	8.581	-8.574	6.87		
180	312.72	8.581	-8.589	6.89	-8.61	6.91
181	312.749	8.581	-8.586	6.89		
182	312.72	8.581	-8.589	6.89		
183	312.778	8.581	-8.583	6.88		
184	312.807	8.581	-8.58	6.88		
185	312.749	8.581	-8.586	6.89		

186	312.72	8.581	-8.589	6.89		
187	312.749	8.581	-8.586	6.89		
188	312.662	8.581	-8.595	6.90		
189	312.749	8.581	-8.586	6.89		
190	312.749	8.581	-8.586	6.89		
191	312.633	8.581	-8.598	6.90		
192	312.633	8.581	-8.598	6.90		
193	312.662	8.581	-8.595	6.90		
194	312.518	8.581	-8.609	6.91		
195	312.575	8.581	-8.604	6.90		
196	312.604	8.581	-8.601	6.90		
197	312.489	8.581	-8.612	6.91		
198	312.518	8.581	-8.609	6.91		
199	312.575	8.581	-8.604	6.90		
200	312.489	8.581	-8.612	6.91	-8.64	6.94
201	312.575	8.581	-8.604	6.90		
202	312.575	8.581	-8.604	6.90		
203	312.604	8.581	-8.601	6.90		
204	312.604	8.581	-8.601	6.90		
205	312.575	8.581	-8.604	6.90		
206	312.633	8.581	-8.598	6.90		
207	312.518	8.581	-8.609	6.91		
208	312.604	8.581	-8.601	6.90		
209	312.518	8.581	-8.609	6.91		
210	312.546	8.581	-8.607	6.91		
211	312.575	8.581	-8.604	6.90		
212	312.546	8.581	-8.607	6.91		
213	312.518	8.581	-8.609	6.91		
214	312.518	8.581	-8.609	6.91		
215	312.46	8.581	-8.615	6.92		
216	312.46	8.581	-8.615	6.92		
217	312.489	8.581	-8.612	6.91		
218	312.518	8.581	-8.609	6.91		
219	312.489	8.581	-8.612	6.91		
220	312.518	8.581	-8.609	6.91	-8.65	6.95
221	312.489	8.581	-8.612	6.91		
222	312.489	8.581	-8.612	6.91		
223	312.46	8.581	-8.615	6.92		
224	312.431	8.581	-8.618	6.92		
225	312.431	8.581	-8.618	6.92		
226	312.518	8.581	-8.609	6.91		
227	312.402	8.581	-8.621	6.92		
228	312.402	8.581	-8.621	6.92		
229	312.46	8.581	-8.615	6.92		
230	312.489	8.581	-8.612	6.91		
231	312.373	8.581	-8.624	6.92		
232	312.373	8.581	-8.624	6.92		
233	312.402	8.581	-8.621	6.92		
234	312.46	8.581	-8.615	6.92		
235	312.402	8.581	-8.621	6.92		
236	312.489	8.581	-8.612	6.91		
237	312.373	8.581	-8.624	6.92		
238	312.344	8.581	-8.627	6.93		
239	312.344	8.581	-8.627	6.93		
240	312.402	8.581	-8.621	6.92	-8.65	6.95
241	312.402	8.581	-8.621	6.92		
242	312.373	8.581	-8.624	6.92		
243	312.344	8.581	-8.627	6.93		
244	312.344	8.581	-8.627	6.93		
245	312.257	8.581	-8.636	6.94		
246	312.373	8.581	-8.624	6.92		
247	312.315	8.581	-8.63	6.93		
248	312.373	8.581	-8.624	6.92		
249	312.344	8.581	-8.627	6.93		
250	312.373	8.581	-8.624	6.92		
251	312.315	8.581	-8.63	6.93		
252	312.344	8.581	-8.627	6.93		
253	312.344	8.581	-8.627	6.93		
254	312.373	8.581	-8.624	6.92		
255	312.315	8.581	-8.63	6.93		
256	312.344	8.581	-8.627	6.93		
257	312.315	8.581	-8.63	6.93		
258	312.402	8.581	-8.621	6.92		
259	312.286	8.581	-8.633	6.93		
260	312.373	8.581	-8.624	6.92		
261	312.344	8.581	-8.627	6.93		
262	312.344	8.581	-8.627	6.93		
263	312.315	8.581	-8.63	6.93		
264	312.286	8.581	-8.633	6.93		
265	312.315	8.581	-8.63	6.93		
266	312.286	8.581	-8.633	6.93		
267	312.344	8.581	-8.627	6.93		
268	312.257	8.581	-8.636	6.94		
269	312.257	8.581	-8.636	6.94		
270	312.286	8.581	-8.633	6.93	-8.67	6.97
271	312.286	8.581	-8.633	6.93		
272	312.286	8.581	-8.633	6.93		
273	312.286	8.581	-8.633	6.93		
274	312.199	8.581	-8.642	6.94		
275	312.141	8.581	-8.648	6.95		
276	312.228	8.581	-8.639	6.94		
277	312.257	8.581	-8.636	6.94		
278	312.257	8.581	-8.636	6.94		
279	312.257	8.581	-8.636	6.94		
280	312.373	8.581	-8.624	6.92		
281	312.286	8.581	-8.633	6.93		

282	312.286	8.581	-8.633	6.93		
283	312.199	8.581	-8.642	6.94		
284	312.286	8.581	-8.633	6.93		
285	312.228	8.581	-8.639	6.94		
286	312.199	8.581	-8.642	6.94		
287	312.199	8.581	-8.642	6.94		
288	312.199	8.581	-8.642	6.94		
289	312.17	8.581	-8.645	6.95		
290	312.17	8.581	-8.645	6.95		
291	312.257	8.581	-8.636	6.94		
292	312.17	8.581	-8.645	6.95		
293	312.228	8.581	-8.639	6.94		
294	312.257	8.581	-8.636	6.94		
295	312.17	8.581	-8.645	6.95		
296	312.17	8.581	-8.645	6.95		
297	312.257	8.581	-8.636	6.94		
298	312.199	8.581	-8.642	6.94		
299	312.257	8.581	-8.636	6.94		
300	312.199	8.581	-8.642	6.94	-8.68	6.98
301	312.141	8.581	-8.648	6.95		
302	312.228	8.581	-8.639	6.94		
303	312.141	8.581	-8.648	6.95		
304	312.228	8.581	-8.639	6.94		
305	312.141	8.581	-8.648	6.95		
306	312.228	8.581	-8.639	6.94		
307	312.17	8.581	-8.645	6.95		
308	312.17	8.581	-8.645	6.95		
309	312.17	8.581	-8.645	6.95		
310	312.228	8.581	-8.639	6.94		
311	312.113	8.581	-8.651	6.95		
312	312.17	8.581	-8.645	6.95		
313	312.141	8.581	-8.648	6.95		
314	312.17	8.581	-8.645	6.95		
315	312.257	8.581	-8.636	6.94		
316	312.17	8.581	-8.645	6.95		
317	312.17	8.581	-8.645	6.95		
318	312.199	8.581	-8.642	6.94		
319	312.228	8.581	-8.639	6.94		
320	312.228	8.581	-8.639	6.94		
321	312.141	8.581	-8.648	6.95		
322	312.141	8.581	-8.648	6.95		
323	312.199	8.581	-8.642	6.94		
324	312.084	8.581	-8.654	6.95		
325	312.228	8.581	-8.639	6.94		
326	312.17	8.581	-8.645	6.95		
327	312.228	8.581	-8.639	6.94		
328	312.113	8.581	-8.651	6.95		
329	312.113	8.581	-8.651	6.95		
330	312.141	8.581	-8.648	6.95	-8.68	6.98
331	312.113	8.581	-8.651	6.95		
332	312.084	8.581	-8.654	6.95		
333	312.199	8.581	-8.642	6.94		
334	312.199	8.581	-8.642	6.94		
335	312.17	8.581	-8.645	6.95		
336	312.113	8.581	-8.651	6.95		
337	312.17	8.581	-8.645	6.95		
338	312.17	8.581	-8.645	6.95		
339	312.141	8.581	-8.648	6.95		
340	312.084	8.581	-8.654	6.95		
341	312.026	8.581	-8.66	6.96		
342	312.113	8.581	-8.651	6.95		
343	312.113	8.581	-8.651	6.95		
344	312.113	8.581	-8.651	6.95		
345	312.084	8.581	-8.654	6.95		
346	312.026	8.581	-8.66	6.96		
347	312.141	8.581	-8.648	6.95		
348	312.113	8.581	-8.651	6.95		
349	312.17	8.581	-8.645	6.95		
350	312.084	8.581	-8.654	6.95		
351	312.141	8.581	-8.648	6.95		
352	312.055	8.581	-8.657	6.96		
353	312.113	8.581	-8.651	6.95		
354	312.113	8.581	-8.651	6.95		
355	311.997	8.581	-8.663	6.96		
356	311.997	8.581	-8.663	6.96		
357	312.113	8.581	-8.651	6.95		
358	311.997	8.581	-8.663	6.96		
359	312.026	8.581	-8.66	6.96		
360	312.026	8.581	-8.66	6.96	-8.69	6.99
361	312.055	8.581	-8.657	6.96		
362	311.997	8.581	-8.663	6.96		
363	312.026	8.581	-8.66	6.96		
364	312.055	8.581	-8.657	6.96		
365	312.084	8.581	-8.654	6.95		
366	311.968	8.581	-8.665	6.97		
367	312.113	8.581	-8.651	6.95		
368	311.997	8.581	-8.663	6.96		
369	312.055	8.581	-8.657	6.96		
370	312.026	8.581	-8.66	6.96		
371	312.084	8.581	-8.654	6.95		
372	312.055	8.581	-8.657	6.96		
373	312.055	8.581	-8.657	6.96		

TW2- WELL RECOVERY VS. TIME - KOLLAARD FILE 210816



Kollaard File 210816

RECOVERY DATA TW-2

t'	t / t'	Abs Pres (kPa)	Temp (°C)	Water Level (m)	Drawdown (m)	Recovery (%)	Water Level (Manual) (m)	Drawdown (Manual) (m)	Recovery (Manual)
1	374	327.633	8.581	-7.068	5.37	23%	-7.10	5.40	23%
2	187.5	342.052	8.581	-5.598	3.90	44%	-5.55	3.85	45%
3	125.3	352.426	8.581	-4.54	2.84	59%			
4	94.3	359.816	8.581	-3.786	2.09	70%	-3.79	2.09	70%
5	75.6	365.057	8.581	-3.252	1.55	78%			
6	63.2	368.757	8.581	-2.875	1.18	83%	-2.88	1.18	83%
7	54.3	371.292	8.581	-2.616	0.92	87%			
8	47.6	373.071	8.581	-2.435	0.74	89%	-2.46		
9	42.4	374.295	8.581	-2.31	0.61	91%			
10	38.3	375.17	8.581	-2.221	0.52	93%	-2.23	0.53	92%
11	34.9	375.783	8.581	-2.158	0.46	93%			
12	32.1	376.22	8.581	-2.114	0.41	94%	-2.13	0.43	94%
13	29.7	376.512	8.581	-2.084	0.38	94%			
14	27.6	376.716	8.581	-2.063	0.36	95%	-2.08	0.38	95%
15	25.9	376.891	8.581	-2.045	0.35	95%			
16	24.3	377.008	8.581	-2.033	0.33	95%	-2.05	0.35	95%
17	22.9	377.095	8.581	-2.024	0.32	95%			
18	21.7	377.183	8.581	-2.015	0.32	95%	-2.03	0.33	95%
19	20.6	377.241	8.581	-2.009	0.31	96%			
20	19.7	377.299	8.581	-2.004	0.30	96%			
21	18.8	375.987	8.581	-2.137	0.44	94%			
22	18.0	372.692	8.581	-2.473	0.77	89%			
23	17.2	372.021	8.581	-2.542	0.84	88%			
24	16.5	373.945	8.581	-2.346	0.65	91%			
25	15.9	375.17	8.581	-2.221	0.52	93%			
26	15.3	375.958	8.581	-2.14	0.44	94%			
27	14.8	376.512	8.581	-2.084	0.38	94%			
28	14.3	376.862	8.581	-2.048	0.35	95%			
29	13.9	377.095	8.581	-2.024	0.32	95%			
30	13.4	377.241	8.581	-2.009	0.31	96%			
31	13.0	377.358	8.581	-1.998	0.30	96%			
32	12.7	377.445	8.581	-1.989	0.29	96%			
33	12.3	377.504	8.581	-1.983	0.28	96%			
34	12.0	377.562	8.581	-1.977	0.28	96%			
35	11.7	377.474	8.581	-1.986	0.29	96%			
36	11.4	375.753	8.581	-2.161	0.46	93%			
37	11.1	374.47	8.581	-2.292	0.59	91%			
38	10.8	375.666	8.581	-2.17	0.47	93%			
39	10.6	376.424	8.581	-2.093	0.39	94%			
40	10.3	376.891	8.581	-2.045	0.35	95%			
41	10.1	377.183	8.581	-2.015	0.32	95%			
42	9.9	377.358	8.581	-1.998	0.30	96%			
43	9.7	376.016	8.581	-2.134	0.43	94%			
44	9.5	378.787	8.581	-1.852	0.15	98%			
45	9.3	378.35	8.581	-1.896	0.20	97%			
46	9.1	378.087	8.581	-1.923	0.22	97%			
47	8.9	377.97	8.581	-1.935	0.24	97%			
48	8.8	377.883	8.581	-1.944	0.24	96%			
49	8.6	377.795	8.581	-1.953	0.25	96%			
50	8.5	374.878	8.581	-2.25	0.55	92%			
51	8.3	376.133	8.581	-2.122	0.42	94%			
52	8.2	376.687	8.581	-2.066	0.37	95%			
53	8.0	377.037	8.581	-2.03	0.33	95%			
54	7.9	377.27	8.581	-2.007	0.31	96%			
55	7.8	377.416	8.581	-1.992	0.29	96%			
56	7.7	377.533	8.581	-1.98	0.28	96%			
57	7.5	377.62	8.581	-1.971	0.27	96%			
58	7.4	377.679	8.581	-1.965	0.27	96%			
59	7.3	377.708	8.581	-1.962	0.26	96%			
60	7.2	377.708	8.581	-1.962	0.26	96%			
61	7.1	377.766	8.581	-1.956	0.26	96%			
62	7.0	377.766	8.581	-1.956	0.26	96%			
63	6.9	377.766	8.581	-1.956	0.26	96%			
64	6.8	377.795	8.581	-1.953	0.25	96%			
65	6.7	377.825	8.581	-1.95	0.25	96%			
66	6.7	377.795	8.581	-1.953	0.25	96%			
67	6.6	377.825	8.581	-1.95	0.25	96%			
68	6.5	377.825	8.581	-1.95	0.25	96%			
69	6.4	377.825	8.581	-1.95	0.25	96%			
70	6.3	377.854	8.581	-1.947	0.25	96%			
71	6.3	377.825	8.581	-1.95	0.25	96%			
72	6.2	377.854	8.581	-1.947	0.25	96%			
73	6.1	377.883	8.581	-1.944	0.24	96%			
74	6.0	377.854	8.581	-1.947	0.25	96%			
75	6.0	377.883	8.581	-1.944	0.24	96%			
76	5.9	377.883	8.581	-1.944	0.24	96%			

77	5.8	377.883	8.581	-1.944	0.24	96%
78	5.8	377.883	8.581	-1.944	0.24	96%
79	5.7	377.883	8.581	-1.944	0.24	96%
80	5.7	377.912	8.581	-1.941	0.24	97%
81	5.6	377.912	8.581	-1.941	0.24	97%
82	5.5	377.941	8.581	-1.938	0.24	97%
83	5.5	377.912	8.581	-1.941	0.24	97%
84	5.4	377.941	8.581	-1.938	0.24	97%
85	5.4	377.97	8.581	-1.935	0.24	97%
86	5.3	377.97	8.581	-1.935	0.24	97%
87	5.3	377.97	8.581	-1.935	0.24	97%
88	5.2	377.97	8.581	-1.935	0.24	97%
89	5.2	377.97	8.581	-1.935	0.24	97%
90	5.1	377.97	8.581	-1.935	0.24	97%
91	5.1	378	8.581	-1.932	0.23	97%
92	5.1	378	8.581	-1.932	0.23	97%
93	5.0	378	8.581	-1.932	0.23	97%
94	5.0	378	8.581	-1.932	0.23	97%
95	4.9	378	8.581	-1.932	0.23	97%
96	4.9	378	8.581	-1.932	0.23	97%
97	4.8	378	8.581	-1.932	0.23	97%
98	4.8	378.029	8.581	-1.929	0.23	97%
99	4.8	378	8.581	-1.932	0.23	97%
100	4.7	378	8.581	-1.932	0.23	97%
101	4.7	378	8.581	-1.932	0.23	97%
102	4.7	378.029	8.581	-1.929	0.23	97%
103	4.6	378.029	8.581	-1.929	0.23	97%
104	4.6	378.029	8.581	-1.929	0.23	97%
105	4.6	378.029	8.581	-1.929	0.23	97%
106	4.5	378.058	8.581	-1.926	0.23	97%
107	4.5	378.029	8.581	-1.929	0.23	97%
108	4.5	378.058	8.581	-1.926	0.23	97%
109	4.4	378.058	8.581	-1.926	0.23	97%
110	4.4	378.058	8.581	-1.926	0.23	97%
111	4.4	378.058	8.581	-1.926	0.23	97%
112	4.3	378.087	8.581	-1.923	0.22	97%
113	4.3	378.058	8.581	-1.926	0.23	97%
114	4.3	378.058	8.581	-1.926	0.23	97%
115	4.2	378.058	8.581	-1.926	0.23	97%
116	4.2	378.087	8.581	-1.923	0.22	97%
117	4.2	378.058	8.581	-1.926	0.23	97%
118	4.2	378.058	8.581	-1.926	0.23	97%
119	4.1	378.087	8.581	-1.923	0.22	97%
120	4.1	378.087	8.581	-1.923	0.22	97%
121	4.1	378.087	8.581	-1.923	0.22	97%
122	4.1	378.087	8.581	-1.923	0.22	97%
123	4.0	378.087	8.581	-1.923	0.22	97%
124	4.0	378.116	8.581	-1.92	0.22	97%
125	4.0	378.116	8.581	-1.92	0.22	97%
126	4.0	378.087	8.581	-1.923	0.22	97%
127	3.9	378.087	8.581	-1.923	0.22	97%
128	3.9	378.116	8.581	-1.92	0.22	97%
129	3.9	378.116	8.581	-1.92	0.22	97%
130	3.9	378.116	8.581	-1.92	0.22	97%
131	3.8	378.116	8.581	-1.92	0.22	97%
132	3.8	378.116	8.581	-1.92	0.22	97%
133	3.8	378.116	8.581	-1.92	0.22	97%
134	3.8	378.116	8.581	-1.92	0.22	97%
135	3.8	378.116	8.581	-1.92	0.22	97%
136	3.7	378.116	8.581	-1.92	0.22	97%
137	3.7	378.116	8.581	-1.92	0.22	97%
138	3.7	378.116	8.581	-1.92	0.22	97%
139	3.7	378.175	8.581	-1.914	0.21	97%
140	3.7	378.145	8.581	-1.917	0.22	97%
141	3.6	378.145	8.581	-1.917	0.22	97%
142	3.6	378.175	8.581	-1.914	0.21	97%
143	3.6	378.175	8.581	-1.914	0.21	97%
144	3.6	378.175	8.581	-1.914	0.21	97%
145	3.6	378.145	8.581	-1.917	0.22	97%
146	3.6	378.175	8.581	-1.914	0.21	97%
147	3.5	378.175	8.581	-1.914	0.21	97%
148	3.5	378.175	8.581	-1.914	0.21	97%
149	3.5	378.175	8.581	-1.914	0.21	97%
150	3.5	378.204	8.581	-1.911	0.21	97%
151	3.5	378.204	8.581	-1.911	0.21	97%
152	3.5	378.204	8.581	-1.911	0.21	97%
153	3.4	378.204	8.581	-1.911	0.21	97%
154	3.4	378.204	8.581	-1.911	0.21	97%
155	3.4	378.204	8.581	-1.911	0.21	97%
156	3.4	378.233	8.581	-1.908	0.21	97%
157	3.4	378.233	8.581	-1.908	0.21	97%

158	3.4	378.233	8.581	-1.908	0.21	97%
159	3.3	378.233	8.581	-1.908	0.21	97%
160	3.3	378.204	8.581	-1.911	0.21	97%
161	3.3	378.233	8.581	-1.908	0.21	97%
162	3.3	378.233	8.581	-1.908	0.21	97%
163	3.3	378.233	8.581	-1.908	0.21	97%
164	3.3	378.233	8.581	-1.908	0.21	97%
165	3.3	378.233	8.581	-1.908	0.21	97%
166	3.2	378.233	8.581	-1.908	0.21	97%
167	3.2	378.233	8.581	-1.908	0.21	97%
168	3.2	378.262	8.581	-1.905	0.21	97%
169	3.2	378.262	8.581	-1.905	0.21	97%
170	3.2	378.262	8.581	-1.905	0.21	97%
171	3.2	378.233	8.581	-1.908	0.21	97%
172	3.2	378.233	8.581	-1.908	0.21	97%
173	3.2	378.233	8.581	-1.908	0.21	97%
174	3.1	378.262	8.581	-1.905	0.21	97%
175	3.1	378.262	8.581	-1.905	0.21	97%
176	3.1	378.262	8.581	-1.905	0.21	97%
177	3.1	378.262	8.581	-1.905	0.21	97%
178	3.1	378.291	8.581	-1.902	0.20	97%
179	3.1	378.262	8.581	-1.905	0.21	97%
180	3.1	378.321	8.581	-1.899	0.20	97%
181	3.1	378.291	8.581	-1.902	0.20	97%
182	3.0	378.291	8.581	-1.902	0.20	97%
183	3.0	378.291	8.581	-1.902	0.20	97%
184	3.0	378.291	8.581	-1.902	0.20	97%
185	3.0	378.321	8.581	-1.899	0.20	97%
186	3.0	378.321	8.581	-1.899	0.20	97%
187	3.0	378.321	8.581	-1.899	0.20	97%
188	3.0	378.321	8.581	-1.899	0.20	97%
189	3.0	378.321	8.581	-1.899	0.20	97%
190	3.0	378.321	8.581	-1.899	0.20	97%
191	3.0	378.321	8.581	-1.899	0.20	97%
192	2.9	378.321	8.581	-1.899	0.20	97%
193	2.9	378.35	8.581	-1.896	0.20	97%
194	2.9	378.35	8.581	-1.896	0.20	97%
195	2.9	378.35	8.581	-1.896	0.20	97%
196	2.9	378.35	8.581	-1.896	0.20	97%
197	2.9	378.35	8.581	-1.896	0.20	97%
198	2.9	378.35	8.581	-1.896	0.20	97%
199	2.9	378.35	8.581	-1.896	0.20	97%
200	2.9	378.35	8.581	-1.896	0.20	97%
201	2.9	378.35	8.581	-1.896	0.20	97%
202	2.8	378.35	8.581	-1.896	0.20	97%
203	2.8	378.35	8.581	-1.896	0.20	97%
204	2.8	378.35	8.581	-1.896	0.20	97%
205	2.8	378.379	8.581	-1.893	0.19	97%
206	2.8	378.35	8.581	-1.896	0.20	97%
207	2.8	378.379	8.581	-1.893	0.19	97%
208	2.8	378.35	8.581	-1.896	0.20	97%
209	2.8	378.379	8.581	-1.893	0.19	97%
210	2.8	378.379	8.581	-1.893	0.19	97%
211	2.8	378.379	8.581	-1.893	0.19	97%
212	2.8	378.379	8.581	-1.893	0.19	97%
213	2.8	378.379	8.581	-1.893	0.19	97%
214	2.7	378.379	8.581	-1.893	0.19	97%
215	2.7	378.408	8.581	-1.89	0.19	97%
216	2.7	378.408	8.581	-1.89	0.19	97%
217	2.7	378.379	8.581	-1.893	0.19	97%
218	2.7	378.408	8.581	-1.89	0.19	97%
219	2.7	378.408	8.581	-1.89	0.19	97%
220	2.7	378.408	8.581	-1.89	0.19	97%
221	2.7	378.408	8.581	-1.89	0.19	97%
222	2.7	378.408	8.581	-1.89	0.19	97%
223	2.7	378.408	8.581	-1.89	0.19	97%
224	2.7	378.437	8.581	-1.888	0.19	97%
225	2.7	378.437	8.581	-1.888	0.19	97%
226	2.7	378.437	8.581	-1.888	0.19	97%
227	2.6	378.437	8.581	-1.888	0.19	97%
228	2.6	378.437	8.581	-1.888	0.19	97%
229	2.6	378.437	8.581	-1.888	0.19	97%
230	2.6	378.437	8.581	-1.888	0.19	97%
231	2.6	378.437	8.581	-1.888	0.19	97%
232	2.6	378.437	8.581	-1.888	0.19	97%
233	2.6	378.437	8.581	-1.888	0.19	97%
234	2.6	378.437	8.581	-1.888	0.19	97%
235	2.6	378.437	8.581	-1.888	0.19	97%
236	2.6	378.466	8.581	-1.885	0.19	97%
237	2.6	378.437	8.581	-1.888	0.19	97%
238	2.6	378.437	8.581	-1.888	0.19	97%

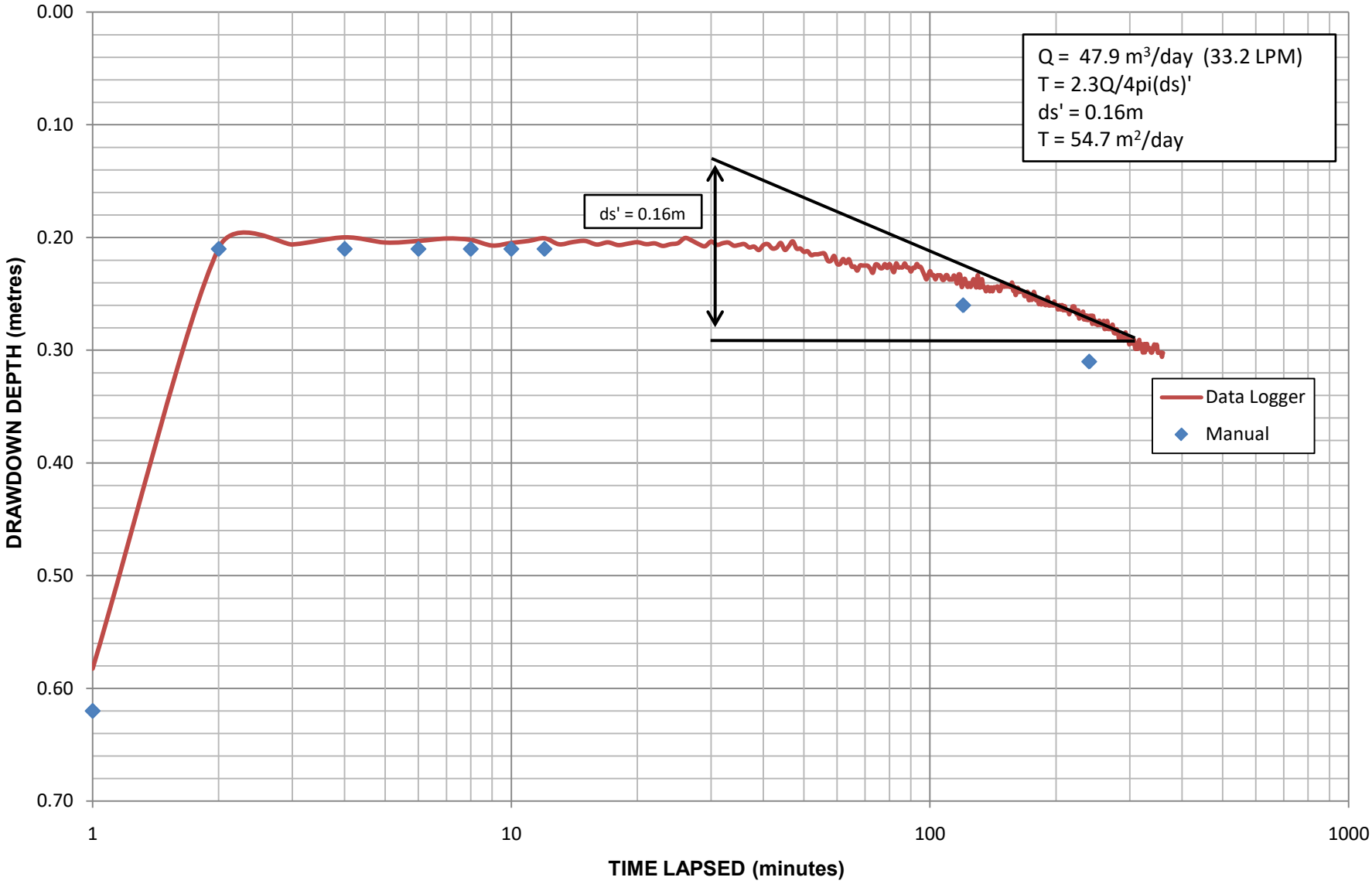
239	2.6	378.466	8.581	-1.885	0.19	97%
240	2.6	378.466	8.581	-1.885	0.19	97%
241	2.5	378.437	8.581	-1.888	0.19	97%
242	2.5	378.466	8.581	-1.885	0.19	97%
243	2.5	378.466	8.581	-1.885	0.19	97%
244	2.5	378.466	8.581	-1.885	0.19	97%
245	2.5	378.466	8.581	-1.885	0.19	97%
246	2.5	378.466	8.581	-1.885	0.19	97%
247	2.5	378.466	8.581	-1.885	0.19	97%
248	2.5	378.466	8.581	-1.885	0.19	97%
249	2.5	378.466	8.581	-1.885	0.19	97%
250	2.5	378.496	8.581	-1.882	0.18	97%
251	2.5	378.466	8.581	-1.885	0.19	97%
252	2.5	378.496	8.581	-1.882	0.18	97%
253	2.5	378.496	8.581	-1.882	0.18	97%
254	2.5	378.496	8.581	-1.882	0.18	97%
255	2.5	378.496	8.581	-1.882	0.18	97%
256	2.5	378.496	8.581	-1.882	0.18	97%
257	2.5	378.496	8.581	-1.882	0.18	97%
258	2.4	378.496	8.581	-1.882	0.18	97%
259	2.4	378.496	8.581	-1.882	0.18	97%
260	2.4	378.496	8.581	-1.882	0.18	97%
261	2.4	378.496	8.581	-1.882	0.18	97%
262	2.4	378.496	8.581	-1.882	0.18	97%
263	2.4	378.496	8.581	-1.882	0.18	97%
264	2.4	378.496	8.581	-1.882	0.18	97%
265	2.4	378.525	8.581	-1.879	0.18	97%
266	2.4	378.496	8.581	-1.882	0.18	97%
267	2.4	378.525	8.581	-1.879	0.18	97%
268	2.4	378.525	8.581	-1.879	0.18	97%
269	2.4	378.525	8.581	-1.879	0.18	97%
270	2.4	378.496	8.581	-1.882	0.18	97%
271	2.4	378.525	8.581	-1.879	0.18	97%
272	2.4	378.525	8.581	-1.879	0.18	97%
273	2.4	378.525	8.581	-1.879	0.18	97%
274	2.4	378.525	8.581	-1.879	0.18	97%
275	2.4	378.525	8.581	-1.879	0.18	97%
276	2.4	378.525	8.581	-1.879	0.18	97%
277	2.3	378.525	8.581	-1.879	0.18	97%
278	2.3	378.525	8.581	-1.879	0.18	97%
279	2.3	378.525	8.581	-1.879	0.18	97%
280	2.3	378.525	8.581	-1.879	0.18	97%
281	2.3	378.525	8.581	-1.879	0.18	97%
282	2.3	378.525	8.581	-1.879	0.18	97%
283	2.3	378.525	8.581	-1.879	0.18	97%
284	2.3	378.525	8.581	-1.879	0.18	97%
285	2.3	378.525	8.581	-1.879	0.18	97%
286	2.3	378.525	8.581	-1.879	0.18	97%
287	2.3	378.525	8.581	-1.879	0.18	97%
288	2.3	378.525	8.581	-1.879	0.18	97%
289	2.3	378.525	8.581	-1.879	0.18	97%
290	2.3	378.525	8.581	-1.879	0.18	97%
291	2.3	378.525	8.581	-1.879	0.18	97%
292	2.3	378.525	8.581	-1.879	0.18	97%
293	2.3	378.554	8.581	-1.876	0.18	97%
294	2.3	378.525	8.581	-1.879	0.18	97%
295	2.3	378.554	8.581	-1.876	0.18	97%
296	2.3	378.554	8.581	-1.876	0.18	97%

ATTACHMENT J

PUMPING TEST DATA FOR TW3

TW3 - WELL DRAWDOWN VS. TIME - KOLLAARD FILE 210816

TEST DATE-DEC.10, 2024



Kollaard File: **210816** Pump Rate 33.2 litres/minute

DRAWDOWN DATA - TW3

Time Lapsed (minutes)	Abs Pres (kPa)	Temp (°C)	Water Level (m)	Drawdown (m)	Manual Water Level (m)	Manual Drawdown (m)
0	246.298	9.176	-7.502	0.00	-7.50	0
1	240.593	9.176	-8.085	0.58	-8.12	0.62
2	244.226	9.077	-7.712	0.21	-7.71	0.21
3	244.262	9.077	-7.708	0.21		
4	244.298	9.077	-7.702	0.20	-7.71	0.21
5	244.262	9.077	-7.707	0.20		
6	244.284	8.978	-7.705	0.20	-7.71	0.21
7	244.284	8.978	-7.703	0.20		
8	244.284	8.978	-7.704	0.20	-7.71	0.21
9	244.247	8.978	-7.709	0.21		
10	244.247	8.978	-7.707	0.20	-7.71	0.21
11	244.247	8.978	-7.705	0.20		
12	244.247	8.978	-7.703	0.20	-7.71	0.21
13	244.211	8.978	-7.708	0.21		
14	244.247	8.978	-7.706	0.20		
15	244.211	8.978	-7.705	0.20		
16	244.197	8.879	-7.709	0.21		
17	244.197	8.879	-7.707	0.20		
18	244.161	8.879	-7.709	0.21		
19	244.161	8.879	-7.708	0.21		
20	244.161	8.879	-7.706	0.20		
21	244.125	8.879	-7.708	0.21		
22	244.125	8.879	-7.707	0.21		
23	244.125	8.879	-7.710	0.21		
24	244.161	8.879	-7.708	0.21		
25	244.089	8.879	-7.707	0.21		
26	244.161	8.879	-7.703	0.20		
27	244.125	8.879	-7.705	0.20		
28	244.089	8.879	-7.708	0.21		
29	244.125	8.879	-7.710	0.21		
30	244.125	8.879	-7.706	0.20		
31	244.089	8.879	-7.709	0.21		
32	244.125	8.879	-7.707	0.21		
33	244.089	8.879	-7.707	0.20		
34	244.089	8.879	-7.710	0.21		
35	244.089	8.879	-7.709	0.21		
36	244.089	8.879	-7.708	0.21		
37	244.053	8.879	-7.711	0.21		
38	244.053	8.879	-7.710	0.21		
39	244.016	8.879	-7.713	0.21		
40	244.053	8.879	-7.709	0.21		
41	244.053	8.879	-7.708	0.21		
42	244.016	8.879	-7.712	0.21		
43	244.016	8.879	-7.711	0.21		
44	244.016	8.879	-7.707	0.20		
45	244.016	8.879	-7.713	0.21		
46	244.016	8.879	-7.710	0.21		
47	244.016	8.879	-7.706	0.20		
48	243.98	8.879	-7.712	0.21		
49	243.98	8.879	-7.712	0.21		
50	243.944	8.879	-7.715	0.21		
51	243.908	8.879	-7.714	0.21		
52	243.908	8.879	-7.718	0.22		
53	243.908	8.879	-7.717	0.21		
54	243.908	8.879	-7.717	0.21		
55	243.908	8.879	-7.716	0.21		
56	243.872	8.879	-7.717	0.21		
57	243.872	8.879	-7.723	0.22		
58	243.872	8.879	-7.723	0.22		
59	243.872	8.879	-7.719	0.22		
60	243.872	8.879	-7.726	0.22		
61	243.836	8.879	-7.726	0.22		
62	243.872	8.879	-7.721	0.22		
63	243.836	8.879	-7.725	0.22		
64	243.836	8.879	-7.722	0.22		
65	243.8	8.879	-7.728	0.23		
66	243.8	8.879	-7.728	0.23		
67	243.764	8.879	-7.732	0.23		
68	243.8	8.879	-7.727	0.22		
69	243.8	8.879	-7.727	0.22		
70	243.8	8.879	-7.727	0.22		
71	243.764	8.879	-7.727	0.23		
72	243.8	8.879	-7.730	0.23		
73	243.764	8.879	-7.734	0.23		
74	243.8	8.879	-7.726	0.22		
75	243.8	8.879	-7.726	0.22		
76	243.764	8.879	-7.729	0.23		
77	243.764	8.879	-7.729	0.23		
78	243.764	8.879	-7.726	0.22		
79	243.764	8.879	-7.729	0.23		
80	243.764	8.879	-7.726	0.22		
81	243.728	8.879	-7.730	0.23		
82	243.728	8.879	-7.733	0.23		
83	243.728	8.879	-7.725	0.22		
84	243.728	8.879	-7.729	0.23		
85	243.728	8.879	-7.729	0.23		
86	243.728	8.879	-7.729	0.23		
87	243.728	8.879	-7.725	0.22		
88	243.728	8.879	-7.729	0.23		

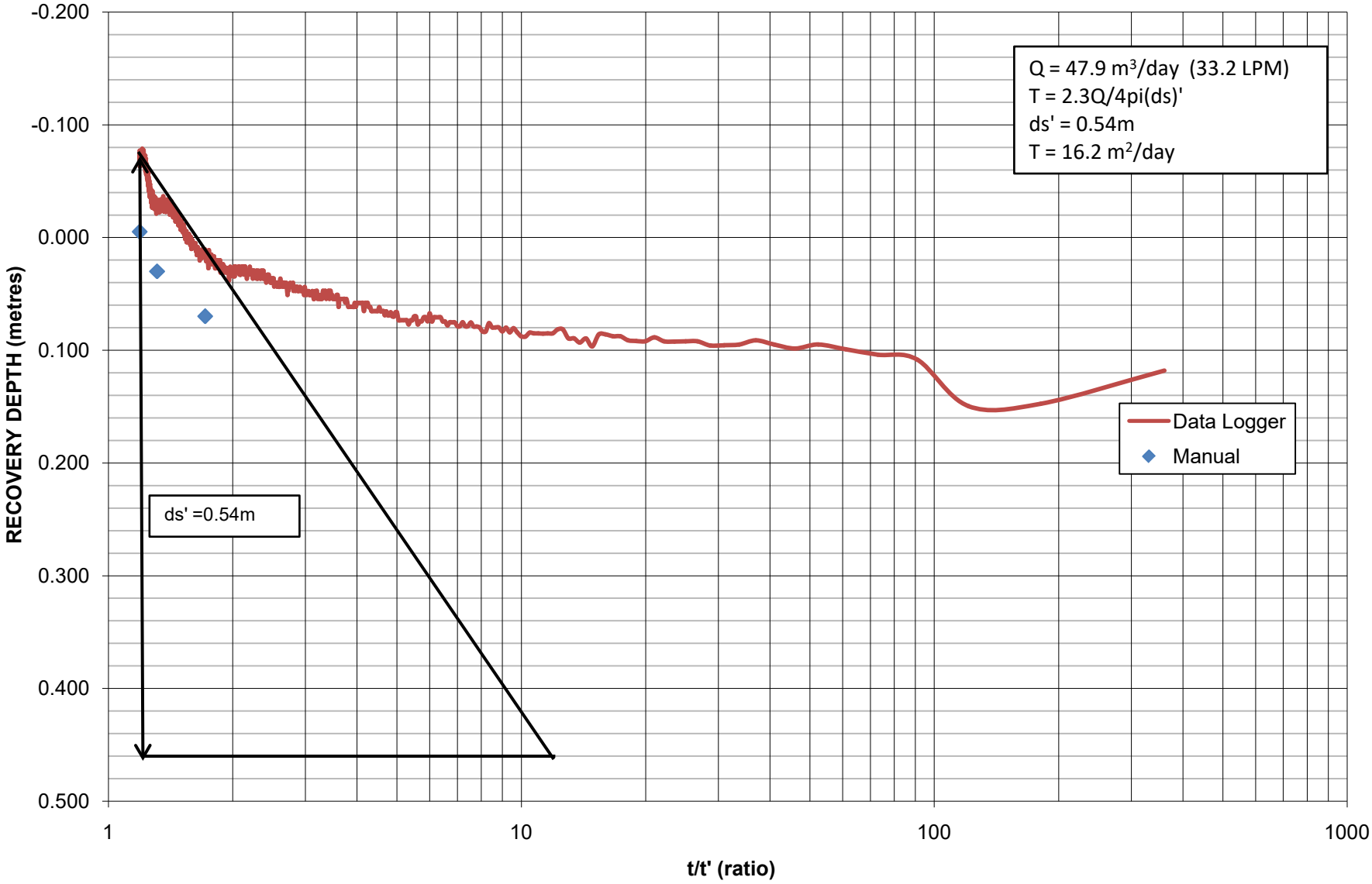
89	243.691	8.879	-7.729	0.23		
90	243.691	8.879	-7.732	0.23		
91	243.655	8.879	-7.729	0.23		
92	243.655	8.879	-7.729	0.23		
93	243.655	8.879	-7.726	0.22		
94	243.655	8.879	-7.728	0.23		
95	243.655	8.879	-7.728	0.23		
96	243.619	8.879	-7.732	0.23		
97	243.583	8.879	-7.736	0.23		
98	243.547	8.879	-7.739	0.24		
99	243.583	8.879	-7.736	0.23		
100	243.619	8.879	-7.732	0.23		
101	243.583	8.879	-7.736	0.23		
102	243.583	8.879	-7.736	0.23		
103	243.547	8.879	-7.739	0.24		
104	243.547	8.879	-7.736	0.23		
105	243.547	8.879	-7.736	0.23		
106	243.547	8.879	-7.736	0.23		
107	243.511	8.879	-7.740	0.24		
108	243.511	8.879	-7.740	0.24		
109	243.547	8.879	-7.736	0.23		
110	243.547	8.879	-7.736	0.23		
111	243.547	8.879	-7.739	0.24		
112	243.547	8.879	-7.739	0.24		
113	243.547	8.879	-7.739	0.24		
114	243.547	8.879	-7.736	0.23		
115	243.511	8.879	-7.739	0.24		
116	243.511	8.879	-7.743	0.24		
117	243.547	8.879	-7.735	0.23		
118	243.511	8.879	-7.735	0.23		
119	243.475	8.879	-7.746	0.24		
120	243.475	8.879	-7.742	0.24	-7.76	0.26
121	243.511	8.879	-7.739	0.24		
122	243.475	8.879	-7.742	0.24		
123	243.439	8.879	-7.746	0.24		
124	243.439	8.879	-7.743	0.24		
125	243.439	8.879	-7.746	0.24		
126	243.439	8.879	-7.743	0.24		
127	243.439	8.879	-7.739	0.24		
128	243.403	8.879	-7.743	0.24		
129	243.403	8.879	-7.746	0.24		
130	243.439	8.879	-7.736	0.23		
131	243.403	8.879	-7.746	0.24		
132	243.403	8.879	-7.746	0.24		
133	243.439	8.879	-7.739	0.24		
134	243.403	8.879	-7.746	0.24		
135	243.403	8.879	-7.746	0.24		
136	243.367	8.879	-7.750	0.25		
137	243.403	8.879	-7.746	0.24		
138	243.367	8.879	-7.747	0.24		
139	243.367	8.879	-7.750	0.25		
140	243.367	8.879	-7.747	0.24		
141	243.367	8.879	-7.750	0.25		
142	243.367	8.879	-7.747	0.24		
143	243.367	8.879	-7.747	0.24		
144	243.367	8.879	-7.747	0.24		
145	243.367	8.879	-7.746	0.24		
146	243.33	8.879	-7.750	0.25		
147	243.33	8.879	-7.750	0.25		
148	243.367	8.879	-7.746	0.24		
149	243.367	8.879	-7.742	0.24		
150	243.367	8.879	-7.746	0.24		
151	243.367	8.879	-7.746	0.24		
152	243.367	8.879	-7.746	0.24		
153	243.367	8.879	-7.746	0.24		
154	243.367	8.879	-7.746	0.24		
155	243.33	8.879	-7.746	0.24		
156	243.33	8.879	-7.746	0.24		
157	243.367	8.879	-7.742	0.24		
158	243.33	8.879	-7.750	0.25		
159	243.33	8.879	-7.746	0.24		
160	243.294	8.879	-7.753	0.25		
161	243.33	8.879	-7.750	0.25		
162	243.33	8.879	-7.747	0.24		
163	243.294	8.879	-7.750	0.25		
164	243.294	8.879	-7.750	0.25		
165	243.294	8.879	-7.750	0.25		
166	243.294	8.879	-7.750	0.25		
167	243.258	8.879	-7.751	0.25		
168	243.258	8.879	-7.754	0.25		
169	243.258	8.879	-7.754	0.25		
170	243.294	8.879	-7.754	0.25		
171	243.294	8.879	-7.750	0.25		
172	243.258	8.879	-7.758	0.26		
173	243.258	8.879	-7.758	0.26		
174	243.294	8.879	-7.754	0.25		
175	243.258	8.879	-7.758	0.26		
176	243.294	8.879	-7.754	0.25		
177	243.294	8.879	-7.750	0.25		
178	243.258	8.879	-7.754	0.25		
179	243.222	8.879	-7.758	0.26		
180	243.186	8.879	-7.758	0.26		
181	243.186	8.879	-7.758	0.26		
182	243.186	8.879	-7.761	0.26		
183	243.222	8.879	-7.758	0.26		

184	243.186	8.879	-7.761	0.26		
185	243.186	8.879	-7.761	0.26		
186	243.186	8.879	-7.758	0.26		
187	243.186	8.879	-7.761	0.26		
188	243.186	8.879	-7.761	0.26		
189	243.186	8.879	-7.762	0.26		
190	243.186	8.879	-7.759	0.26		
191	243.186	8.879	-7.755	0.25		
192	243.15	8.879	-7.762	0.26		
193	243.186	8.879	-7.762	0.26		
194	243.15	8.879	-7.762	0.26		
195	243.15	8.879	-7.762	0.26		
196	243.15	8.879	-7.762	0.26		
197	243.15	8.879	-7.762	0.26		
198	243.15	8.879	-7.759	0.26		
199	243.186	8.879	-7.762	0.26		
200	243.15	8.879	-7.762	0.26		
201	243.15	8.879	-7.762	0.26		
202	243.114	8.879	-7.766	0.26		
203	243.15	8.879	-7.762	0.26		
204	243.15	8.879	-7.762	0.26		
205	243.114	8.879	-7.766	0.26		
206	243.15	8.879	-7.762	0.26		
207	243.15	8.879	-7.762	0.26		
208	243.114	8.879	-7.767	0.26		
209	243.114	8.879	-7.763	0.26		
210	243.114	8.879	-7.763	0.26		
211	243.114	8.879	-7.767	0.26		
212	243.114	8.879	-7.767	0.26		
213	243.114	8.879	-7.767	0.26		
214	243.078	8.879	-7.767	0.26		
215	243.114	8.879	-7.770	0.27		
216	243.078	8.879	-7.767	0.26		
217	243.078	8.879	-7.767	0.26		
218	243.078	8.879	-7.767	0.26		
219	243.114	8.879	-7.763	0.26		
220	243.078	8.879	-7.767	0.26		
221	243.114	8.879	-7.763	0.26		
222	243.078	8.879	-7.767	0.26		
223	243.078	8.879	-7.767	0.26		
224	243.078	8.879	-7.771	0.27		
225	243.078	8.879	-7.767	0.26		
226	243.078	8.879	-7.767	0.26		
227	243.042	8.879	-7.774	0.27		
228	243.042	8.879	-7.771	0.27		
229	243.042	8.879	-7.771	0.27		
230	243.042	8.879	-7.771	0.27		
231	243.042	8.879	-7.772	0.27		
232	243.042	8.879	-7.768	0.27		
233	243.042	8.879	-7.775	0.27		
234	243.042	8.879	-7.772	0.27		
235	243.042	8.879	-7.772	0.27		
236	243.005	8.879	-7.775	0.27		
237	243.042	8.879	-7.772	0.27		
238	243.005	8.879	-7.775	0.27		
239	243.005	8.879	-7.775	0.27		
240	243.005	8.879	-7.772	0.27	-7.81	0.31
241	243.005	8.879	-7.775	0.27		
242	243.005	8.879	-7.772	0.27		
243	243.005	8.879	-7.772	0.27		
244	242.969	8.879	-7.779	0.28		
245	243.005	8.879	-7.772	0.27		
246	243.005	8.879	-7.775	0.27		
247	243.005	8.879	-7.775	0.27		
248	242.969	8.879	-7.779	0.28		
249	242.969	8.879	-7.779	0.28		
250	242.969	8.879	-7.779	0.28		
251	242.933	8.879	-7.780	0.28		
252	242.969	8.879	-7.780	0.28		
253	242.969	8.879	-7.776	0.27		
254	242.969	8.879	-7.776	0.27		
255	242.969	8.879	-7.780	0.28		
256	242.969	8.879	-7.780	0.28		
257	242.969	8.879	-7.780	0.28		
258	242.969	8.879	-7.780	0.28		
259	242.969	8.879	-7.780	0.28		
260	242.969	8.879	-7.776	0.27		
261	242.933	8.879	-7.783	0.28		
262	242.933	8.879	-7.783	0.28		
263	242.969	8.879	-7.780	0.28		
264	242.969	8.879	-7.780	0.28		
265	242.969	8.879	-7.776	0.27		
266	242.933	8.879	-7.783	0.28		
267	242.933	8.879	-7.783	0.28		
268	242.933	8.879	-7.783	0.28		
269	242.933	8.879	-7.783	0.28		
270	242.897	8.879	-7.784	0.28		
271	242.933	8.879	-7.783	0.28		
272	242.933	8.879	-7.780	0.28		
273	242.969	8.879	-7.780	0.28		
274	242.897	8.879	-7.784	0.28		
275	242.897	8.879	-7.787	0.28		
276	242.897	8.879	-7.784	0.28		
277	242.861	8.879	-7.787	0.28		
278	242.861	8.879	-7.787	0.28		

279	242.897	8.879	-7.784	0.28		
280	242.861	8.879	-7.787	0.28		
281	242.861	8.879	-7.787	0.28		
282	242.861	8.879	-7.790	0.29		
283	242.861	8.879	-7.793	0.29		
284	242.861	8.879	-7.790	0.29		
285	242.861	8.879	-7.790	0.29		
286	242.861	8.879	-7.790	0.29		
287	242.861	8.879	-7.793	0.29		
288	242.861	8.879	-7.790	0.29		
289	242.861	8.879	-7.790	0.29		
290	242.825	8.879	-7.794	0.29		
291	242.825	8.879	-7.790	0.29		
292	242.861	8.879	-7.790	0.29		
293	242.861	8.879	-7.786	0.28		
294	242.861	8.879	-7.790	0.29		
295	242.861	8.879	-7.790	0.29		
296	242.825	8.879	-7.790	0.29		
297	242.825	8.879	-7.794	0.29		
298	242.825	8.879	-7.794	0.29		
299	242.825	8.879	-7.797	0.29		
300	242.825	8.879	-7.794	0.29		
301	242.861	8.879	-7.793	0.29		
302	242.825	8.879	-7.794	0.29		
303	242.825	8.879	-7.796	0.29		
304	242.825	8.879	-7.793	0.29		
305	242.825	8.879	-7.793	0.29		
306	242.789	8.879	-7.797	0.29		
307	242.789	8.879	-7.793	0.29		
308	242.789	8.879	-7.797	0.29		
309	242.789	8.879	-7.801	0.30		
310	242.753	8.879	-7.801	0.30		
311	242.789	8.879	-7.797	0.29		
312	242.753	8.879	-7.797	0.30		
313	242.753	8.879	-7.801	0.30		
314	242.753	8.879	-7.800	0.30		
315	242.753	8.879	-7.797	0.29		
316	242.789	8.879	-7.793	0.29		
317	242.753	8.879	-7.800	0.30		
318	242.753	8.879	-7.800	0.30		
319	242.753	8.879	-7.797	0.29		
320	242.753	8.879	-7.800	0.30		
321	242.717	8.879	-7.800	0.30		
322	242.68	8.879	-7.804	0.30		
323	242.68	8.879	-7.804	0.30		
324	242.717	8.879	-7.797	0.29		
325	242.717	8.879	-7.800	0.30		
326	242.68	8.879	-7.804	0.30		
327	242.717	8.879	-7.797	0.29		
328	242.68	8.879	-7.801	0.30		
329	242.717	8.879	-7.797	0.29		
330	242.717	8.879	-7.797	0.29		
331	242.68	8.879	-7.801	0.30		
332	242.68	8.879	-7.801	0.30		
333	242.68	8.879	-7.801	0.30		
334	242.68	8.879	-7.801	0.30		
335	242.68	8.879	-7.801	0.30		
336	242.68	8.879	-7.801	0.30		
337	242.644	8.879	-7.804	0.30		
338	242.68	8.879	-7.801	0.30		
339	242.644	8.879	-7.804	0.30		
340	242.68	8.879	-7.801	0.30		
341	242.644	8.879	-7.801	0.30		
342	242.644	8.879	-7.801	0.30		
343	242.68	8.879	-7.797	0.29		
344	242.644	8.879	-7.801	0.30		
345	242.644	8.879	-7.797	0.30		
346	242.644	8.879	-7.801	0.30		
347	242.644	8.879	-7.801	0.30		
348	242.644	8.879	-7.797	0.30		
349	242.608	8.879	-7.801	0.30		
350	242.608	8.879	-7.805	0.30		
351	242.608	8.879	-7.805	0.30		
352	242.608	8.879	-7.805	0.30		
353	242.608	8.879	-7.805	0.30		
354	242.608	8.879	-7.805	0.30		
355	242.608	8.879	-7.805	0.30		
356	242.608	8.879	-7.805	0.30		
357	242.608	8.879	-7.805	0.30		
358	242.572	8.879	-7.808	0.31		
359	242.572	8.879	-7.805	0.30		
360	242.572	8.879	-7.805	0.30	-7.85	0.35

TW3 - WELL RECOVERY VS. TIME - KOLLAARD FILE 210816

TEST DATE DEC. 10, 2024



Kollaard File: 210816

RECOVERY DATA TW3

t'	t / t'	Abs Pres (kPa)	Temp (°C)	Water Level (m)	Drawdown (m)	Recovery (%)	Manual Water Level (m)	Manual Drawdown (m)	Manual Recovery (%)
1	361	244.414	8.879	-7.620	0.12	61%			
2	181.0	244.125	8.879	-7.650	0.15	51%			
3	121.0	244.089	8.879	-7.652	0.15	51%			
4	91.0	244.486	8.879	-7.611	0.11	64%			
5	73.0	244.522	8.879	-7.606	0.10	66%			
6	61.0	244.594	8.879	-7.602	0.10	67%			
7	52.4	244.594	8.879	-7.597	0.09	69%			
8	46.0	244.594	8.879	-7.601	0.10	67%			
9	41.0	244.594	8.879	-7.597	0.09	69%			
10	37.0	244.63	8.879	-7.594	0.09	70%			
11	33.7	244.594	8.879	-7.597	0.09	69%			
12	31.0	244.63	8.879	-7.598	0.10	68%			
13	28.7	244.594	8.879	-7.598	0.10	68%			
14	26.7	244.63	8.879	-7.594	0.09	70%			
15	25.0	244.63	8.879	-7.594	0.09	70%			
16	23.5	244.594	8.879	-7.595	0.09	69%			
17	22.2	244.63	8.879	-7.594	0.09	70%			
18	21.0	244.63	8.879	-7.591	0.09	71%			
19	19.9	244.63	8.879	-7.594	0.09	70%			
20	19.0	244.666	8.879	-7.594	0.09	70%			
21	18.1	244.63	8.879	-7.594	0.09	70%			
22	17.4	244.666	8.879	-7.590	0.09	71%			
23	16.7	244.666	8.879	-7.590	0.09	71%			
24	16.0	244.681	8.978	-7.588	0.09	72%			
25	15.4	244.681	8.978	-7.588	0.09	72%			
26	14.8	244.645	8.978	-7.599	0.10	68%			
27	14.3	244.681	8.978	-7.592	0.09	70%			
28	13.9	244.645	8.978	-7.595	0.09	69%			
29	13.4	244.681	8.978	-7.592	0.09	70%			
30	13.0	244.681	8.978	-7.592	0.09	70%			
31	12.6	244.717	8.978	-7.584	0.08	73%			
32	12.3	244.717	8.978	-7.584	0.08	73%			
33	11.9	244.717	8.978	-7.587	0.09	72%			
34	11.6	244.717	8.978	-7.587	0.09	72%			
35	11.3	244.681	8.978	-7.588	0.09	72%			
36	11.0	244.717	8.978	-7.587	0.09	72%			
37	10.7	244.717	8.978	-7.587	0.09	72%			
38	10.5	244.681	8.978	-7.587	0.08	72%			
39	10.2	244.681	8.978	-7.590	0.09	71%			
40	10.0	244.717	8.978	-7.590	0.09	71%			
41	9.8	244.717	8.978	-7.586	0.08	72%			
42	9.6	244.753	8.978	-7.583	0.08	73%			
43	9.4	244.717	8.978	-7.586	0.08	72%			
44	9.2	244.717	8.978	-7.582	0.08	74%			
45	9.0	244.717	8.978	-7.586	0.08	72%			
46	8.8	244.753	8.978	-7.582	0.08	74%			
47	8.7	244.753	8.978	-7.582	0.08	74%			
48	8.5	244.753	8.978	-7.582	0.08	74%			
49	8.3	244.789	8.978	-7.578	0.08	75%			
50	8.2	244.753	8.978	-7.586	0.08	72%			
51	8.1	244.753	8.978	-7.586	0.08	72%			
52	7.9	244.753	8.978	-7.582	0.08	74%			
53	7.8	244.753	8.978	-7.581	0.08	74%			
54	7.7	244.753	8.978	-7.581	0.08	74%			
55	7.5	244.789	8.978	-7.578	0.08	75%			
56	7.4	244.789	8.978	-7.581	0.08	74%			
57	7.3	244.789	8.978	-7.581	0.08	74%			
58	7.2	244.825	8.978	-7.577	0.08	75%			
59	7.1	244.789	8.978	-7.581	0.08	74%			
60	7.0	244.789	8.978	-7.581	0.08	74%			
61	6.9	244.789	8.978	-7.578	0.08	75%			
62	6.8	244.789	8.978	-7.578	0.08	75%			
63	6.7	244.825	8.978	-7.577	0.08	75%			
64	6.6	244.789	8.978	-7.580	0.08	74%			
65	6.5	244.789	8.978	-7.577	0.07	75%			
66	6.5	244.789	8.978	-7.577	0.07	75%			
67	6.4	244.825	8.978	-7.573	0.07	77%			
68	6.3	244.825	8.978	-7.573	0.07	77%			
69	6.2	244.825	8.978	-7.573	0.07	77%			
70	6.1	244.825	8.978	-7.573	0.07	77%			
71	6.1	244.789	8.978	-7.577	0.07	75%			
72	6.0	244.825	8.978	-7.570	0.07	78%			
73	5.9	244.825	8.978	-7.577	0.07	75%			
74	5.9	244.825	8.978	-7.573	0.07	77%			
75	5.8	244.825	8.978	-7.573	0.07	77%			
76	5.7	244.825	8.978	-7.577	0.07	75%			
77	5.7	244.825	8.978	-7.577	0.07	75%			
78	5.6	244.789	8.978	-7.579	0.08	74%			
79	5.6	244.825	8.978	-7.572	0.07	77%			
80	5.5	244.825	8.978	-7.572	0.07	77%			
81	5.4	244.825	8.978	-7.576	0.07	76%			
82	5.4	244.825	8.978	-7.576	0.07	76%			
83	5.3	244.789	8.978	-7.579	0.08	74%			
84	5.3	244.825	8.978	-7.576	0.07	76%			
85	5.2	244.825	8.978	-7.576	0.07	76%			
86	5.2	244.825	8.978	-7.576	0.07	76%			
87	5.1	244.825	8.978	-7.576	0.07	76%			
88	5.1	244.825	8.978	-7.576	0.07	76%			
89	5.0	244.825	8.978	-7.576	0.07	76%			
90	5.0	244.861	8.978	-7.569	0.07	78%			
91	5.0	244.825	8.978	-7.569	0.07	78%			
92	4.9	244.825	8.978	-7.572	0.07	77%			
93	4.9	244.861	8.978	-7.572	0.07	77%			
94	4.8	244.861	8.978	-7.569	0.07	78%			
95	4.8	244.861	8.978	-7.571	0.07	77%			
96	4.8	244.861	8.978	-7.571	0.07	77%			
97	4.7	244.861	8.978	-7.568	0.07	78%			
98	4.7	244.861	8.978	-7.571	0.07	77%			
99	4.6	244.897	8.978	-7.568	0.07	78%			
100	4.6	244.897	8.978	-7.568	0.07	78%			
101	4.6	244.861	8.978	-7.568	0.07	78%			
102	4.5	244.897	8.978	-7.564	0.06	80%			
103	4.5	244.897	8.978	-7.568	0.07	78%			
104	4.5	244.897	8.978	-7.568	0.07	78%			
105	4.4	244.897	8.978	-7.568	0.07	78%			
106	4.4	244.897	8.978	-7.568	0.07	78%			
107	4.4	244.897	8.978	-7.568	0.07	78%			
108	4.3	244.897	8.978	-7.568	0.07	78%			
109	4.3	244.934	8.978	-7.564	0.06	80%			
110	4.3	244.897	8.978	-7.564	0.06	80%			
111	4.2	244.934	8.978	-7.560	0.06	81%			
112	4.2	244.934	8.978	-7.560	0.06	81%			
113	4.2	244.934	8.978	-7.560	0.06	81%			
114	4.2	244.897	8.978	-7.568	0.07	78%			
115	4.1	244.934	8.978	-7.560	0.06	81%			
116	4.1	244.934	8.978	-7.560	0.06	81%			
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123	3.9	244.934	8.978	-7.564	0.06	80%			
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127	3.8	244.97	8.978	-7.564	0.06	80%			
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138	3.6	244.934	8.978	-7.564	0.06	80%			
139	3.6	244.97	8.978	-7.553	0.05	83%			
140	3.6	244.97	8.978	-7.553	0.05	83%			
141	3.6	244.97	8.978	-7.557	0.05	82%			
142	3.5	244.97	8.978	-7.557	0.05	82%			
143	3.5	244.97	8.978	-7.557	0.05	82%			
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145	3.5	244.97	8.978	-7.553	0.05	83%			
146	3.5	245.006	8.978	-7.553	0.05	83%			
147	3.4	245.006	8.978	-7.550	0.05	84%			
148	3.4	244.97	8.978	-7.557	0.05	82%			
149	3.4	245.006	8.978	-7.550	0.05	84%			
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158	3.3	244.97	8.978	-7.557	0.05	82%			
159	3.3	244.97	8.978	-7.557	0.05	82%			
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161	3.2	244.97	8.978	-7.557	0.05	82%			
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165	3.2	244.97	8.978	-7.553	0.05	83%			
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181	3.0	244.97	8.978	-7.546	0.04	85%			
182	3.0	244.934	8.978	-7.553	0.05	83%			
183	3.0	244.97	8.978	-7.550	0.05	84%			
184	3.0	244.97	8.978	-7.550	0.05	84%			
185	2.9	244.97	8.978	-7.550	0.05	84%			

186	2.9	244.97	8.978	-7.550	0.05	84%					
187	2.9	244.97	8.978	-7.550	0.05	84%					
188	2.9	244.97	8.978	-7.546	0.04	85%					
189	2.9	244.97	8.978	-7.546	0.04	85%					
190	2.9	244.97	8.978	-7.550	0.05	84%					
191	2.9	244.97	8.978	-7.550	0.05	84%					
192	2.9	245.006	8.978	-7.550	0.05	84%					
193	2.9	245.006	8.978	-7.546	0.04	86%					
194	2.9	245.006	8.978	-7.546	0.04	86%					
195	2.8	245.006	8.978	-7.546	0.04	86%					
196	2.8	244.97	8.978	-7.550	0.05	84%					
197	2.8	245.006	8.978	-7.546	0.04	86%					
198	2.8	245.006	8.978	-7.546	0.04	86%					
199	2.8	244.97	8.978	-7.550	0.05	84%					
200	2.8	245.006	8.978	-7.543	0.04	87%					
201	2.8	245.006	8.978	-7.546	0.04	86%					
202	2.8	244.97	8.978	-7.546	0.04	85%					
203	2.8	245.006	8.978	-7.546	0.04	86%					
204	2.8	245.006	8.978	-7.546	0.04	86%					
205	2.8	245.006	8.978	-7.543	0.04	87%					
206	2.7	245.006	8.978	-7.546	0.04	86%					
207	2.7	245.006	8.978	-7.546	0.04	86%					
208	2.7	245.006	8.978	-7.550	0.05	84%					
209	2.7	245.006	8.978	-7.546	0.04	86%					
210	2.7	244.97	8.978	-7.535	0.03	89%					
211	2.7	245.006	8.978	-7.546	0.04	86%					
212	2.7	245.006	8.978	-7.543	0.04	87%					
213	2.7	245.006	8.978	-7.546	0.04	86%					
214	2.7	245.006	8.978	-7.546	0.04	86%					
215	2.7	245.006	8.978	-7.543	0.04	87%					
216	2.7	245.006	8.978	-7.543	0.04	87%					
217	2.7	245.042	8.978	-7.542	0.04	87%					
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219	2.6	245.042	8.978	-7.542	0.04	87%					
220	2.6	245.042	8.978	-7.542	0.04	87%					
221	2.6	245.042	8.978	-7.542	0.04	87%					
222	2.6	245.042	8.978	-7.546	0.04	86%					
223	2.6	245.042	8.978	-7.542	0.04	87%					
224	2.6	245.042	8.978	-7.539	0.04	88%					
225	2.6	245.006	8.978	-7.543	0.04	87%					
226	2.6	245.006	8.978	-7.546	0.04	86%					
227	2.6	245.006	8.978	-7.546	0.04	86%					
228	2.6	245.042	8.978	-7.542	0.04	87%					
229	2.6	245.042	8.978	-7.542	0.04	87%					
230	2.6	245.042	8.978	-7.546	0.04	86%					
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232	2.6	245.042	8.978	-7.542	0.04	87%					
233	2.5	245.042	8.978	-7.542	0.04	87%					
234	2.5	245.042	8.978	-7.542	0.04	87%					
235	2.5	245.042	8.978	-7.542	0.04	87%					
236	2.5	245.042	8.978	-7.542	0.04	87%					
237	2.5	245.042	8.978	-7.546	0.04	86%					
238	2.5	245.078	8.978	-7.539	0.04	88%					
239	2.5	245.078	8.978	-7.542	0.04	87%					
240	2.5	245.078	8.978	-7.539	0.04	88%					
241	2.5	245.042	8.978	-7.542	0.04	87%					
242	2.5	245.042	8.978	-7.539	0.04	88%					
243	2.5	245.078	8.978	-7.542	0.04	87%					
244	2.5	245.078	8.978	-7.542	0.04	87%					
245	2.5	245.042	8.978	-7.542	0.04	87%					
246	2.5	245.078	8.978	-7.539	0.04	88%					
247	2.5	245.078	8.978	-7.539	0.04	88%					
248	2.4	245.078	8.978	-7.539	0.04	88%					
249	2.4	245.042	8.978	-7.535	0.03	89%					
250	2.4	245.042	8.978	-7.539	0.04	88%					
251	2.4	245.042	8.978	-7.539	0.04	88%					
252	2.4	245.078	8.978	-7.535	0.03	89%					
253	2.4	245.042	8.978	-7.539	0.04	88%					
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256	2.4	245.042	8.978	-7.539	0.04	88%					
257	2.4	245.042	8.978	-7.539	0.04	88%					
258	2.4	245.042	8.978	-7.539	0.04	88%					
259	2.4	245.078	8.978	-7.535	0.03	89%					
260	2.4	245.078	8.978	-7.535	0.03	89%					
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262	2.4	245.042	8.978	-7.532	0.03	90%					
263	2.4	245.078	8.978	-7.532	0.03	90%					
264	2.4	245.042	8.978	-7.535	0.03	89%					
265	2.4	245.078	8.978	-7.535	0.03	89%					
266	2.3	245.078	8.978	-7.532	0.03	90%					
267	2.3	245.042	8.978	-7.532	0.03	90%					
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275	2.3	245.078	8.978	-7.532	0.03	90%					
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286	2.3	245.078	8.978	-7.532	0.03	90%					
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288	2.2	245.078	8.978	-7.535	0.03	89%					
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309	2.2	245.042	8.978	-7.539	0.04	88%					
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313	2.2	245.078	8.978	-7.532	0.03	90%					
314	2.1	245.078	8.978	-7.532	0.03	90%					
315	2.1	245.114	8.978	-7.528	0.03	91%					
316	2.1	245.078	8.978	-7.532	0.03	90%					
317	2.1	245.114	8.978	-7.528	0.03	91%					
318	2.1	245.078	8.978	-7.532	0.03	90%					
319	2.1	245.078	8.978	-7.535	0.03	89%					
320	2.1	245.114	8.978	-7.532	0.03	90%					
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326	2.1	245.114	8.978	-7.528	0.03	91%					
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328	2.1	245.078	8.978	-7.532	0.03	90%					
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331	2.1	245.078	8.978	-7.532	0.03	90%					
332	2.1	245.078	8.978	-7.532	0.03	90%					
333	2.1	245.078	8.978	-7.532	0.03	90%					
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335	2.1	245.114	8.978	-7.528	0.03	91%					
336	2.1	245.064	8.978	-7.530	0.03	90%					
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338	2.1	245.078	8.978	-7.528	0.03	91%					
339	2.1	245.064	8.879	-7.530	0.03	90%					
340	2.1	245.1	8.879	-7.530	0.03	90%					
341	2.1	245.078	8.879	-7.532	0.03	90%					
342	2.1	245.1	8.879	-7.530	0.03	90%					
343	2.0	245.1	8.879	-7.533	0.03	90%					
344	2.0	245.1	8.879	-7.533	0.03	90%					
345	2.0	245.1	8.879	-7.532	0.03	90%					
346	2.0	245.114	8.879	-7.532	0.03	90%					
347	2.0	245.1	8.879	-7.530	0.03	90%					
348	2.0	245.1	8.879	-7.533	0.03	90%					
349	2.0	245.114	8.978	-7.528	0.03	91%					
350	2.0	245.114	8.978	-7.528	0.03	91%					
351	2.0	245.1	8.879	-7.533	0.03	90%					
352	2.0	245.064	8.879	-7.537	0.03	89%					
353	2.0	245.1	8.879	-7.530	0.03	90%					
354	2.0	245.114	8.978	-7.528	0.03	91%					
355	2.0	245.064	8.879	-7.533	0.03	90%					
356	2.0	245.1	8.879	-7.530	0.03	90%					
357	2.0	245.064	8.879	-7.533	0.03	90%					
358	2.0	245.064	8.879	-7.533	0.03	90%					
359	2.0	245.064	8.879	-7.533	0.03	90%					
360	2.0	245.1	8.879	-7.530	0.03	90%					
361	2.0	245.1	8.879	-7.533	0.03	90%					
362	2.0	245.1	8.879	-7.533	0.03	90%					
363	2.0	245.1	8.879	-7.533	0.03	90%					
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365	2.0	245.1	8.879	-7.537	0.03	89%					
366	2.0	245.1	8.879	-7.533	0.03	90%					
367	2.0	245.1	8.879	-7.530	0.03	90%					
368	2.0	245.1	8.879	-7.530	0.03	90%					
369	2.0	245.064	8.879	-7.533	0.03	90%					
370	2.0	245.1	8.879	-7.528	0.03	91%					
371	2.0	245.064	8.879	-7.533	0.03	90%					
372	2.0	245.027	8.879	-7.533	0.03	90%					
373	2.0	245.064	8.879	-7.533	0.03	90%					
374	2.0	245.078	8.978	-7.532	0.03	90%					
375	2.0	245.027	8.879	-7.541	0.04	87%					

376	2.0	245.064	8.879	-7.533	0.03	90%			
377	2.0	245.064	8.879	-7.533	0.03	90%			
378	2.0	245.064	8.879	-7.533	0.03	90%			
379	1.9	245.1	8.879	-7.530	0.03	91%			
380	1.9	245.064	8.879	-7.533	0.03	90%			
381	1.9	245.1	8.879	-7.530	0.03	91%			
382	1.9	245.1	8.879	-7.530	0.03	91%			
383	1.9	245.027	8.879	-7.533	0.03	90%			
384	1.9	245.064	8.879	-7.533	0.03	90%			
385	1.9	245.064	8.879	-7.533	0.03	90%			
386	1.9	245.1	8.879	-7.530	0.03	91%			
387	1.9	245.064	8.879	-7.533	0.03	90%			
388	1.9	245.1	8.879	-7.533	0.03	90%			
389	1.9	245.1	8.879	-7.530	0.03	91%			
390	1.9	245.1	8.879	-7.530	0.03	91%			
391	1.9	245.1	8.879	-7.530	0.03	91%			
392	1.9	245.1	8.879	-7.530	0.03	91%			
393	1.9	245.1	8.879	-7.530	0.03	91%			
394	1.9	245.064	8.879	-7.533	0.03	90%			
395	1.9	245.078	8.978	-7.528	0.03	91%			
396	1.9	245.114	8.978	-7.528	0.03	91%			
397	1.9	245.1	8.879	-7.530	0.03	91%			
398	1.9	245.064	8.879	-7.533	0.03	90%			
399	1.9	245.064	8.879	-7.530	0.03	91%			
400	1.9	245.078	8.978	-7.528	0.03	91%			
401	1.9	245.064	8.879	-7.533	0.03	90%			
402	1.9	245.1	8.879	-7.526	0.02	92%			
403	1.9	245.114	8.978	-7.528	0.03	91%			
404	1.9	245.078	8.978	-7.528	0.03	91%			
405	1.9	245.064	8.879	-7.533	0.03	90%			
406	1.9	245.064	8.879	-7.533	0.03	90%			
407	1.9	245.027	8.879	-7.533	0.03	90%			
408	1.9	245.042	8.978	-7.532	0.03	90%			
409	1.9	245.027	8.879	-7.533	0.03	90%			
410	1.9	245.027	8.879	-7.533	0.03	90%			
411	1.9	245.064	8.879	-7.526	0.02	92%			
412	1.9	245.027	8.879	-7.530	0.03	91%			
413	1.9	245.064	8.879	-7.526	0.02	92%			
414	1.9	245.027	8.879	-7.533	0.03	90%			
415	1.9	245.064	8.879	-7.530	0.03	91%			
416	1.9	245.1	8.879	-7.523	0.02	93%			
417	1.9	245.064	8.879	-7.530	0.03	91%			
418	1.9	245.078	8.978	-7.525	0.02	93%			
419	1.9	245.1	8.879	-7.530	0.03	91%			
420	1.9	245.1	8.879	-7.526	0.02	92%			
421	1.9	245.1	8.879	-7.526	0.02	92%			
422	1.9	245.1	8.879	-7.526	0.02	92%			
423	1.9	245.1	8.879	-7.523	0.02	93%			
424	1.8	245.1	8.879	-7.526	0.02	92%			
425	1.8	245.1	8.879	-7.526	0.02	92%			
426	1.8	245.1	8.879	-7.530	0.03	91%			
427	1.8	245.1	8.879	-7.526	0.02	92%			
428	1.8	245.1	8.879	-7.526	0.02	92%			
429	1.8	245.1	8.879	-7.530	0.03	91%			
430	1.8	245.1	8.879	-7.530	0.03	91%			
431	1.8	245.1	8.879	-7.530	0.03	91%			
432	1.8	245.136	8.879	-7.526	0.02	92%			
433	1.8	245.136	8.879	-7.522	0.02	93%			
434	1.8	245.1	8.879	-7.530	0.03	91%			
435	1.8	245.136	8.879	-7.526	0.02	92%			
436	1.8	245.136	8.879	-7.526	0.02	92%			
437	1.8	245.1	8.879	-7.530	0.03	91%			
438	1.8	245.136	8.879	-7.526	0.02	92%			
439	1.8	245.1	8.879	-7.530	0.03	91%			
440	1.8	245.1	8.879	-7.530	0.03	91%			
441	1.8	245.136	8.879	-7.526	0.02	92%			
442	1.8	245.1	8.879	-7.526	0.02	92%			
443	1.8	245.064	8.879	-7.530	0.03	91%			
444	1.8	245.1	8.879	-7.523	0.02	93%			
445	1.8	245.064	8.879	-7.526	0.02	92%			
446	1.8	245.064	8.879	-7.526	0.02	92%			
447	1.8	245.064	8.879	-7.526	0.02	92%			
448	1.8	245.064	8.879	-7.523	0.02	93%			
449	1.8	245.1	8.879	-7.519	0.02	94%			
450	1.8	245.1	8.879	-7.519	0.02	94%			
451	1.8	245.114	8.978	-7.521	0.02	94%			
452	1.8	245.1	8.879	-7.519	0.02	94%			
453	1.8	245.1	8.879	-7.523	0.02	93%			
454	1.8	245.1	8.879	-7.523	0.02	93%			
455	1.8	245.1	8.879	-7.523	0.02	93%			
456	1.8	245.064	8.879	-7.523	0.02	93%			
457	1.8	245.064	8.879	-7.523	0.02	93%			
458	1.8	245.064	8.879	-7.526	0.02	92%			
459	1.8	245.078	8.978	-7.525	0.02	93%			
460	1.8	245.064	8.879	-7.523	0.02	93%			
461	1.8	245.064	8.879	-7.523	0.02	93%			
462	1.8	245.064	8.879	-7.523	0.02	93%			
463	1.8	245.064	8.879	-7.526	0.02	92%			
464	1.8	245.114	8.978	-7.518	0.02	95%			
465	1.8	245.1	8.879	-7.523	0.02	93%			
466	1.8	245.1	8.879	-7.523	0.02	93%			
467	1.8	245.15	8.978	-7.517	0.02	95%			
468	1.8	245.136	8.879	-7.519	0.02	95%			
469	1.8	245.136	8.879	-7.519	0.02	95%			
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471	1.8	245.136	8.879	-7.522	0.02	93%			
472	1.8	245.136	8.879	-7.522	0.02	93%			
473	1.8	245.172	8.879	-7.519	0.02	95%			
474	1.8	245.172	8.879	-7.522	0.02	93%			
475	1.8	245.172	8.879	-7.522	0.02	93%			
476	1.8	245.172	8.879	-7.522	0.02	93%			
477	1.8	245.186	8.978	-7.521	0.02	94%			
478	1.8	245.172	8.879	-7.522	0.02	93%			
479	1.8	245.222	8.978	-7.513	0.01	96%			
480	1.8	245.136	8.879	-7.522	0.02	93%			
481	1.7	245.136	8.879	-7.522	0.02	93%			
482	1.7	245.1	8.879	-7.530	0.03	91%			
483	1.7	245.1	8.879	-7.526	0.02	92%			
484	1.7	245.1	8.879	-7.523	0.02	93%			
485	1.7	245.136	8.879	-7.523	0.02	93%			
486	1.7	245.136	8.879	-7.520	0.02	94%			
487	1.7	245.1	8.879	-7.520	0.02	94%			
488	1.7	245.1	8.879	-7.523	0.02	93%			
489	1.7	245.1	8.879	-7.523	0.02	93%			
490	1.7	245.1	8.879	-7.520	0.02	94%			
491	1.7	245.136	8.879	-7.520	0.02	94%			
492	1.7	245.1	8.879	-7.523	0.02	93%			
493	1.7	245.1	8.879	-7.523	0.02	93%			
494	1.7	245.136	8.879	-7.520	0.02	94%			
495	1.7	245.1	8.879	-7.523	0.02	93%			
496	1.7	245.1	8.879	-7.520	0.02	94%			
497	1.7	245.1	8.879	-7.523	0.02	93%			
498	1.7	245.1	8.879	-7.520	0.02	94%			
499	1.7	245.1	8.879	-7.520	0.02	94%			
500	1.7	245.1	8.879	-7.516	0.01	95%			
501	1.7	245.1	8.879	-7.520	0.02	94%			
502	1.7	245.136	8.879	-7.516	0.01	95%			
503	1.7	245.136	8.879	-7.516	0.01	95%	-7.57	0.07	80%
504	1.7	245.136	8.879	-7.513	0.01	97%			
505	1.7	245.136	8.879	-7.516	0.01	95%			
506	1.7	245.136	8.879	-7.520	0.02	94%			
507	1.7	245.136	8.879	-7.516	0.01	95%			
508	1.7	245.136	8.879	-7.516	0.01	95%			
509	1.7	245.136	8.879	-7.516	0.01	95%			
510	1.7	245.136	8.879	-7.516	0.01	95%			
511	1.7	245.136	8.879	-7.516	0.01	95%			
512	1.7	245.1	8.879	-7.520	0.02	94%			
513	1.7	245.114	8.978	-7.518	0.02	95%			
514	1.7	245.136	8.879	-7.520	0.02	94%			
515	1.7	245.136	8.879	-7.516	0.01	95%			
516	1.7	245.136	8.879	-7.520	0.02	94%			
517	1.7	245.172	8.879	-7.516	0.01	95%			
518	1.7	245.172	8.879	-7.519	0.02	94%			
519	1.7	245.172	8.879	-7.516	0.01	95%			
520	1.7	245.172	8.879	-7.519	0.02	94%			
521	1.7	245.208	8.879	-7.513	0.01	96%			
522	1.7	245.172	8.879	-7.516	0.01	95%			
523	1.7	245.172	8.879	-7.517	0.01	95%			
524	1.7	245.172	8.879	-7.517	0.01	95%			
525	1.7	245.186	8.978	-7.515	0.01	96%			
526	1.7	245.136	8.879	-7.521	0.02	94%			
527	1.7	245.172	8.879	-7.517	0.01	95%			
528	1.7	245.208	8.879	-7.513	0.01	96%			
529	1.7	245.172	8.879	-7.513	0.01	96%			
530	1.7	245.172	8.879	-7.517	0.01	95%			
531	1.7	245.172	8.879	-7.513	0.01	96%			
532	1.7	245.172	8.879	-7.513	0.01	96%			
533	1.7	245.136	8.879	-7.517	0.01	95%			
534	1.7	245.136	8.879	-7.517	0.01	95%			
535	1.7	245.172	8.879	-7.513	0.01	96%			
536	1.7	245.15	8.978	-7.515	0.01	96%			
537	1.7	245.136	8.879	-7.513	0.01	96%			
538	1.7	245.136	8.879	-7.517	0.01	95%			
539	1.7	245.136	8.879	-7.517	0.01	95%			
540	1.7	245.1	8.879	-7.517	0.01	95%			
541	1.7	245.136	8.879	-7.517	0.01	95%			
542	1.7	245.114	8.978	-7.523	0.02	93%			
543	1.7	245.136	8.879	-7.517	0.01	95%			
544	1.7	245.15	8.978	-7.515	0.01	96%			
545	1.7	245.136	8.879	-7.517	0.01	95%			
546	1.7	245.136	8.879	-7.517	0.01	95%			
547	1.7	245.15	8.978	-7.515	0.01	96%			
548	1.7	245.15	8.978	-7.515	0.01	96%			
549	1.7	245.136	8.879	-7.513	0.01	96%			
550	1.7	245.136	8.879	-7.517	0.01	95%			
551	1.7	245.136	8.879	-7.517	0.01	95%			
552	1.7	245.1	8.879	-7.517	0.01	95%			
553	1.7	245.136	8.879	-7.513	0.01	96%			
554	1.6	245.136	8.879	-7.513	0.01	96%			
555	1.6	245.15	8.978	-7.512	0.01	97%			
556	1.6	245.1	8.879	-7.517	0.01	95%			
557	1.6	245.1	8.879	-7.518	0.02	95%			
558	1.6	245.136	8.879	-7.511	0.01	97%			
559	1.6	245.136	8.879	-7.511	0.01	97%			
560	1.6	245.1	8.879	-7.511	0.01	97%			
561	1.6	245.1	8.879	-7.515	0.01	96%			
562	1.6	245.1	8.879	-7.515	0.01	96%			
563	1.6	245.1	8.879	-7.515	0.01	96%			
564	1.6	245.1	8.879	-7.515	0.01	96%			
565	1.6	245.1	8.879	-7.518	0.02	95%			

566	1.6	245.1	8.879	-7.515	0.01	96%
567	1.6	245.1	8.879	-7.515	0.01	96%
568	1.6	245.114	8.978	-7.513	0.01	96%
569	1.6	245.1	8.879	-7.515	0.01	96%
570	1.6	245.1	8.879	-7.515	0.01	96%
571	1.6	245.1	8.879	-7.511	0.01	97%
572	1.6	245.1	8.879	-7.515	0.01	96%
573	1.6	245.1	8.879	-7.511	0.01	97%
574	1.6	245.1	8.879	-7.511	0.01	97%
575	1.6	245.114	8.978	-7.513	0.01	96%
576	1.6	245.1	8.879	-7.507	0.01	98%
577	1.6	245.1	8.879	-7.511	0.01	97%
578	1.6	245.1	8.879	-7.507	0.01	98%
579	1.6	245.1	8.879	-7.511	0.01	97%
580	1.6	245.1	8.879	-7.511	0.01	97%
581	1.6	245.136	8.879	-7.511	0.01	97%
582	1.6	245.136	8.879	-7.511	0.01	97%
583	1.6	245.136	8.879	-7.511	0.01	97%
584	1.6	245.172	8.879	-7.511	0.01	97%
585	1.6	245.172	8.879	-7.507	0.00	98%
586	1.6	245.136	8.879	-7.511	0.01	97%
587	1.6	245.172	8.879	-7.507	0.00	98%
588	1.6	245.136	8.879	-7.511	0.01	97%
589	1.6	245.172	8.879	-7.507	0.00	98%
590	1.6	245.136	8.879	-7.511	0.01	97%
591	1.6	245.172	8.879	-7.511	0.01	97%
592	1.6	245.172	8.879	-7.511	0.01	97%
593	1.6	245.172	8.879	-7.508	0.01	98%
594	1.6	245.136	8.879	-7.512	0.01	97%
595	1.6	245.172	8.879	-7.508	0.01	98%
596	1.6	245.172	8.879	-7.508	0.01	98%
597	1.6	245.136	8.879	-7.512	0.01	97%
598	1.6	245.172	8.879	-7.508	0.01	98%
599	1.6	245.136	8.879	-7.508	0.01	98%
600	1.6	245.15	8.978	-7.510	0.01	97%
601	1.6	245.136	8.879	-7.508	0.01	98%
602	1.6	245.136	8.879	-7.508	0.01	98%
603	1.6	245.1	8.879	-7.508	0.01	98%
604	1.6	245.1	8.879	-7.512	0.01	97%
605	1.6	245.136	8.879	-7.508	0.01	98%
606	1.6	245.136	8.879	-7.505	0.00	99%
607	1.6	245.136	8.879	-7.505	0.00	99%
608	1.6	245.136	8.879	-7.505	0.00	99%
609	1.6	245.172	8.879	-7.505	0.00	99%
610	1.6	245.136	8.879	-7.509	0.01	98%
611	1.6	245.136	8.879	-7.512	0.01	97%
612	1.6	245.136	8.879	-7.512	0.01	97%
613	1.6	245.136	8.879	-7.509	0.01	98%
614	1.6	245.15	8.978	-7.504	0.00	99%
615	1.6	245.136	8.879	-7.505	0.00	99%
616	1.6	245.136	8.879	-7.509	0.01	98%
617	1.6	245.172	8.879	-7.502	0.00	100%
618	1.6	245.136	8.879	-7.505	0.00	99%
619	1.6	245.136	8.879	-7.509	0.01	98%
620	1.6	245.136	8.879	-7.505	0.00	99%
621	1.6	245.136	8.879	-7.509	0.01	98%
622	1.6	245.1	8.879	-7.509	0.01	98%
623	1.6	245.172	8.879	-7.502	0.00	100%
624	1.6	245.136	8.879	-7.502	0.00	100%
625	1.6	245.136	8.879	-7.505	0.00	99%
626	1.6	245.136	8.879	-7.505	0.00	99%
627	1.6	245.136	8.879	-7.505	0.00	99%
628	1.6	245.136	8.879	-7.505	0.00	99%
629	1.6	245.136	8.879	-7.502	0.00	100%
630	1.6	245.136	8.879	-7.505	0.00	99%
631	1.6	245.15	8.978	-7.504	0.00	99%
632	1.6	245.15	8.978	-7.500	0.00	101%
633	1.6	245.136	8.879	-7.502	0.00	100%
634	1.6	245.1	8.879	-7.506	0.00	99%
635	1.6	245.136	8.879	-7.499	0.00	101%
636	1.6	245.1	8.879	-7.503	0.00	100%
637	1.6	245.136	8.879	-7.499	0.00	101%
638	1.6	245.136	8.879	-7.503	0.00	100%
639	1.6	245.1	8.879	-7.506	0.00	99%
640	1.6	245.136	8.879	-7.503	0.00	100%
641	1.6	245.172	8.879	-7.499	0.00	101%
642	1.6	245.136	8.879	-7.503	0.00	100%
643	1.6	245.114	8.978	-7.505	0.00	99%
644	1.6	245.136	8.879	-7.499	0.00	101%
645	1.6	245.136	8.879	-7.499	0.00	101%
646	1.6	245.136	8.879	-7.499	0.00	101%
647	1.6	245.1	8.879	-7.503	0.00	100%
648	1.6	245.1	8.879	-7.506	0.00	99%
649	1.6	245.136	8.879	-7.499	0.00	101%
650	1.6	245.136	8.879	-7.499	0.00	101%
651	1.6	245.136	8.879	-7.503	0.00	100%
652	1.6	245.1	8.879	-7.503	0.00	100%
653	1.6	245.1	8.879	-7.503	0.00	100%
654	1.6	245.1	8.879	-7.503	0.00	100%
655	1.5	245.1	8.879	-7.499	0.00	101%
656	1.5	245.1	8.879	-7.499	0.00	101%
657	1.5	245.064	8.879	-7.507	0.00	99%
658	1.5	245.064	8.879	-7.507	0.00	99%
659	1.5	245.1	8.879	-7.499	0.00	101%
660	1.5	245.1	8.879	-7.504	0.00	100%
661	1.5	245.064	8.879	-7.504	0.00	99%
662	1.5	245.1	8.879	-7.500	0.00	101%
663	1.5	245.1	8.879	-7.504	0.00	100%
664	1.5	245.1	8.879	-7.504	0.00	100%
665	1.5	245.1	8.879	-7.500	0.00	101%
666	1.5	245.136	8.879	-7.497	-0.01	102%
667	1.5	245.136	8.879	-7.497	-0.01	102%
668	1.5	245.136	8.879	-7.497	-0.01	102%
669	1.5	245.136	8.879	-7.500	0.00	101%
670	1.5	245.1	8.879	-7.504	0.00	100%
671	1.5	245.1	8.879	-7.504	0.00	100%
672	1.5	245.136	8.879	-7.497	-0.01	102%
673	1.5	245.1	8.879	-7.504	0.00	100%
674	1.5	245.1	8.879	-7.500	0.00	101%
675	1.5	245.1	8.879	-7.497	-0.01	102%
676	1.5	245.1	8.879	-7.497	-0.01	102%
677	1.5	245.1	8.879	-7.500	0.00	101%
678	1.5	245.1	8.879	-7.497	-0.01	102%
679	1.5	245.1	8.879	-7.497	-0.01	102%
680	1.5	245.1	8.879	-7.497	-0.01	102%
681	1.5	245.1	8.879	-7.501	0.00	100%
682	1.5	245.136	8.879	-7.494	-0.01	103%
683	1.5	245.1	8.879	-7.497	0.00	102%
684	1.5	245.114	8.978	-7.499	0.00	101%
685	1.5	245.136	8.879	-7.497	-0.01	102%
686	1.5	245.1	8.879	-7.497	0.00	102%
687	1.5	245.064	8.879	-7.498	0.00	102%
688	1.5	245.064	8.879	-7.498	0.00	102%
689	1.5	245.064	8.879	-7.498	0.00	102%
690	1.5	245.064	8.879	-7.491	-0.01	104%
691	1.5	245.064	8.879	-7.494	-0.01	103%
692	1.5	245.1	8.879	-7.494	-0.01	103%
693	1.5	245.064	8.879	-7.498	0.00	102%
694	1.5	245.064	8.879	-7.498	0.00	102%
695	1.5	245.064	8.879	-7.498	0.00	102%
696	1.5	245.1	8.879	-7.494	-0.01	103%
697	1.5	245.064	8.879	-7.498	0.00	102%
698	1.5	245.1	8.879	-7.494	-0.01	103%
699	1.5	245.064	8.879	-7.498	0.00	102%
700	1.5	245.064	8.879	-7.494	-0.01	103%
701	1.5	245.064	8.879	-7.494	-0.01	103%
702	1.5	245.064	8.879	-7.494	-0.01	103%
703	1.5	245.064	8.879	-7.491	-0.01	104%
704	1.5	245.064	8.879	-7.494	-0.01	103%
705	1.5	245.064	8.879	-7.491	-0.01	104%
706	1.5	245.064	8.879	-7.494	-0.01	103%
707	1.5	245.064	8.879	-7.491	-0.01	104%
708	1.5	245.064	8.879	-7.495	-0.01	102%
709	1.5	245.064	8.879	-7.491	-0.01	104%
710	1.5	245.064	8.879	-7.491	-0.01	104%
711	1.5	245.064	8.879	-7.491	-0.01	104%
712	1.5	245.064	8.879	-7.495	-0.01	102%
713	1.5	245.1	8.879	-7.491	-0.01	104%
714	1.5	245.1	8.879	-7.495	-0.01	102%
715	1.5	245.1	8.879	-7.495	-0.01	102%
716	1.5	245.1	8.879	-7.491	-0.01	104%
717	1.5	245.136	8.879	-7.488	-0.01	105%
718	1.5	245.136	8.879	-7.491	-0.01	104%
719	1.5	245.136	8.879	-7.491	-0.01	104%
720	1.5	245.136	8.879	-7.491	-0.01	104%
721	1.5	245.136	8.879	-7.491	-0.01	104%
722	1.5	245.1	8.879	-7.495	-0.01	102%
723	1.5	245.1	8.879	-7.496	-0.01	102%
724	1.5	245.1	8.879	-7.496	-0.01	102%
725	1.5	245.1	8.879	-7.496	-0.01	102%
726	1.5	245.136	8.879	-7.488	-0.01	105%
727	1.5	245.1	8.879	-7.492	-0.01	103%
728	1.5	245.136	8.879	-7.492	-0.01	103%
729	1.5	245.136	8.879	-7.488	-0.01	105%
730	1.5	245.136	8.879	-7.488	-0.01	105%
731	1.5	245.1	8.879	-7.492	-0.01	103%
732	1.5	245.136	8.879	-7.488	-0.01	105%
733	1.5	245.136	8.879	-7.492	-0.01	103%
734	1.5	245.172	8.879	-7.488	-0.01	105%
735	1.5	245.136	8.879	-7.488	-0.01	105%
736	1.5	245.136	8.879	-7.488	-0.01	105%
737	1.5	245.136	8.879	-7.492	-0.01	103%
738	1.5	245.136	8.879	-7.492	-0.01	103%
739	1.5	245.136	8.879	-7.488	-0.01	105%
740	1.5	245.136	8.879	-7.488	-0.01	105%
741	1.5	245.15	8.978	-7.486	-0.02	105%
742	1.5	245.136	8.879	-7.488	-0.01	105%
743	1.5	245.172	8.879	-7.484	-0.02	106%
744	1.5	245.136	8.879	-7.488	-0.01	105%
745	1.5	245.1	8.879	-7.488	-0.01	105%
746	1.5	245.136	8.879	-7.488	-0.01	105%
747	1.5	245.1	8.879	-7.488	-0.01	105%
748	1.5	245.1	8.879	-7.488	-0.01	105%
749	1.5	245.1	8.879	-7.488	-0.01	105%
750	1.5	245.1	8.879	-7.488	-0.01	105%
751	1.5	245.064	8.879	-7.488	-0.01	105%
752	1.5	245.064	8.879	-7.491	-0.01	104%
753	1.5	245.1	8.879	-7.488	-0.01	105%
754	1.5	245.064	8.879	-7.491	-0.01	104%
755	1.5	245.064	8.879	-7.491	-0.01	104%