

ID	Sampledate	ampleperio	Month	amplenumb	Gear	rawdistan	depth-m (n	Flow
1	30-Mar-98	one	March	JC00198	Trammel		2.5	
2	30-Mar-98	one	March	JC00298	Trammel		2	
3	30-Mar-98	one	March	JC00398	Trammel		6	
4	31-Mar-98	one	March	JC00498	Trammel		6	
5	31-Mar-98	one	March	JC00598	Trammel		10	
6	31-Mar-98	one	March	IG00198	Trammel		8	
7	31-Mar-98	one	March	IG00298	Trammel		6	
8	1-Apr-98	one	April	IG00398	Trammel		5	
9	1-Apr-98	one	April	IG00498	Trammel		13	
10	1-Apr-98	one	April	CC00198	Trammel		4	
11	1-Apr-98	one	April	CC00298	Trammel		8	
12	2-Apr-98	one	April	CC00398	Trammel		3	
13	2-Apr-98	one	April	CC00498	Trammel		5	
14	2-Apr-98	one	April	CC00598	Trammel		5	
15	2-Apr-98	one	April	CC00698	Trammel		3	
16	21-Apr-98	two	April	IG00598	Larvaldrift		1	
17	21-Apr-98	two	April	IG00698	Larvaldrift		1	
18	21-Apr-98	two	April	IG00798	Larvaldrift		1	
19	21-Apr-98	two	April	IG00898	Larvaldrift		1	
20	22-Apr-98	two	April	CC00798	Larvaldrift		1	
21	22-Apr-98	two	April	CC00898	Larvaldrift		1	
22	23-Apr-98	two	April	JC00998	Larvaldrift		1	
23	23-Apr-98	two	April	JC01098	Larvaldrift		1	
24	20-Apr-98	two	April	IG00998	Trammel		8	
25	20-Apr-98	two	April	IG01098	Trammel		6	
26	20-Apr-98	two	April	IG01198	Trammel		5	
27	21-Apr-98	two	April	CC00998	Trammel		4	
28	21-Apr-98	two	April	CC01098	Trammel		4	
29	21-Apr-98	two	April	CC01198	Trammel		5	
30	22-Apr-98	two	April	JC00698	Trammel		3	
31	22-Apr-98	two	April	JC00798	Trammel		4	
32	22-Apr-98	two	April	JC00898	Trammel		4	
33	14-May-98	three	May	IG01298	Trammel		5	
34	14-May-98	three	May	IG01398	Trammel		8	
35	14-May-98	three	May	IG01498	Trammel		6	
36	13-May-98	three	May	CC01298	Trammel		7	
37	13-May-98	three	May	CC01398	Trammel		6	
38	13-May-98	three	May	CC01498	Trammel		3	
39	12-May-98	three	May	JC01298	Trammel		3	
40	12-May-98	three	May	JC01398	Trammel		5	
41	12-May-98	three	May	JC01198	Trammel		5	
42	11-May-98	three	May	JC01498	Trawl	7m	0.6	
43	11-May-98	three	May	JC01598	Trawl	15m	0.5	
44	11-May-98	three	May	JC01698	Trawl	15m	0.5	
45	11-May-98	three	May	JC01798	Trawl	10m	0.5	
46	12-May-98	three	May	JC01898	Larvaldrift			850097-
47	12-May-98	three	May	JC01998	Larvaldrift			
48	12-May-98	three	May	CC01598	Trawl	10m	0.5	
49	12-May-98	three	May	CC01698	Trawl	20m	0.5	
50	13-May-98	three	May	CC01798	Larvaldrift			903495-
51	13-May-98	three	May	CC01898	Larvaldrift		0.5	903495-
52	13-May-98	three	May	IG01598	Trawl	15m	0.5	

53	13-May-98	three	May	IG01698	Trawl	5m	0.5	
54	13-May-98	three	May	IG01798	Larvaldrift			3444140-
55	13-May-98	three	May	IG01898	Larvaldrift			3444140-
56	1-Jun-98	four	June	IG01998	Trammel		7	
57	1-Jun-98	four	June	IG02098	Trammel		7	
58	2-Jun-98	four	June	IG02198	Larvaldrift		1	693481-
59	2-Jun-98	four	June	IG02298	Larvaldrift		0.5	693481-
60	2-Jun-98	four	June	IG02398	Trawl	15m	1	
61	2-Jun-98	four	June	IG02498	Dip	10min	1	
62	2-Jun-98	four	June	IG02698	Dip	10min	1	
63	2-Jun-98	four	June	IG02598	Trawl	5m	1	
64	2-Jun-98	four	June	IG02798	Larvaldrift		1	698340-
65	2-Jun-98	four	June	IG02898	Larvaldrift		1	698340-
66	1-Jun-98	four	June	IG02998	Trawl	3m	1	
67	3-Jun-98	four	June	CC02598	Trawl	31m	1	
68	3-Jun-98	four	June	CC02398	Dip	10min		
69	3-Jun-98	four	June	CC01998	Trawl	25m	1	
70	3-Jun-98	four	June	CC02098	Dip	10min		
71	2-Jun-98	four	June	CC02198	Larvaldrift			583427-
72	2-Jun-98	four	June	CC02298	Larvaldrift			583427-
73	3-Jun-98	four	June	CC02498	Trawl	10m	1	
74	3-Jun-98	four		JC02098	Trawl	14m	1	
75	3-Jun-98	four	June	JC02198	Trawl	20	1	
76	3-Jun-98	four	June	JC02298	Trawl	25	1	
77	3-Jun-98	four	June	JC02398	Larvaldrift			890084-
78	3-Jun-98	four	June	JC02498	Larvaldrift			890084-
79	22-Jun-98	five	June	IG03098	Dip	10min		
80	22-Jun-98	five	June	IG03698	Trawl	5m	1	
81	22-Jun-98	five	June	IG03198	Dip	10min		
82	22-Jun-98	five	June	IG03798	Trawl	5m	1	
83	22-Jun-98	five	June	IG03898	Dip	10min		
84	22-Jun-98	five	June	IG03298	Trawl	5m	1	
85	22-Jun-98	five	June	IG03998	Dip	10min		
86	22-Jun-98	five	June	IG03398	Trawl	5m	1	
87	22-Jun-98	five	June	IG03498	Larvaldrift			904524-
88	22-Jun-98	five	June	IG03598	Larvaldrift			904524-
89	23-Jun-98	five	June	CC02698	Trammel		5	
90	23-Jun-98	five	June	CC02798	Trammel		6	
91	23-Jun-98	five	June	CC02898	Dip	10min		
92	23-Jun-98	five	June	CC02998	Trawl	5m	1	
93	23-Jun-98	five	June	CC03498	Dip	10min		
94	23-Jun-98	five	June	CC03098	Trawl	5m	1	
95	23-Jun-98	five	June	CC03598	Dip	10min		
96	23-Jun-98	five	June	CC03198	Trawl	5m	1	
97	23-Jun-98	five	June	CC03298	Larvaldrift			0420460-
98	23-Jun-98	five	June	CC03398	Larvaldrift			0420460-
99	24-Jun-98	five	June	JC02798	Trammel		5	
100	24-Jun-98	five	June	JC02898	Trammel		6	
101	24-Jun-98	five	June	JC02598	Dip	10min		
102	24-Jun-98	five	June	JC02998	Trawl	7m	1	
103	24-Jun-98	five	June	JC03098	Dip	10min		
104	24-Jun-98	five	June	JC02698	Dip	10min		
105	24-Jun-98	five	June	JC03198	Trawl	5m	1	

106	25-Jun-98	five	June	JC03298	Larvaldrift			
107	25-Jun-98	five	June	JC03398	Trawl	5m		1
108	13-Jul-98	six	July	JC03498	Dip	10min		
109	13-Jul-98	six	July	JC03598	Trawl	10m		1
110	13-Jul-98	six	July	JC03698	Seine	11		
111	13-Jul-98	six	July	JC03798	Seine	11		
112	13-Jul-98	six	July	JC03898	Seine	11		
113	13-Jul-98	six	July	JC03998	Trawl	18m		1
114	13-Jul-98	six	July	JC04098	Seine	11		
115	13-Jul-98	six	July	JC04198	Seine	11		
116	13-Jul-98	six	July	JC04298	Trawl	5m		1
117	13-Jul-98	six	July	JC04398	Trawl	10m		1
118	13-Jul-98	six	July	JC04498	Trawl	10m		1
119	13-Jul-98	six	July	JC04598	Seine	11		
120	13-Jul-98	six	July	JC04698	Trammel			
121	13-Jul-98	six	July	JC04798	Trammel			
122	13-Jul-98	six	July	JC04898	Dip	10min		
123	14-Jul-98	six	July	CC03698	Trammel			
124	14-Jul-98	six	July	CC03798	Trawl	13m		1
125	14-Jul-98	six	July	CC03898	Seine			
126	14-Jul-98	six	July	CC03998	Seine			
127	14-Jul-98	six	July	CC04098	Trawl	7m		1
128	14-Jul-98	six	July	CC04298	Seine	20m		
129	14-Jul-98	six	July	CC04398	Trawl	5m		1
130	14-Jul-98	six	July	CC04498	Trawl	5m		1
131	14-Jul-98	six	July	CC04598	Seine			
132	14-Jul-98	six	July	CC04698	Seine			
133	14-Jul-98	six	July	CC04798	Trawl	5m		1
134	14-Jul-98	six	July	CC04898	Seine			
135	15-Jul-98	six	July	IG04098	Trammel			
136	15-Jul-98	six	July	IG04198	Trammel			
137	15-Jul-98	six	July	IG04298	Trawl	10m		
138	15-Jul-98	six	July	IG04398	Seine			
139	15-Jul-98	six	July	IG04498	Seine			
140	15-Jul-98	six	July	IG04598	Trawl	5m		1
141	15-Jul-98	six	July	IG04698	Seine			
142	15-Jul-98	six	July	IG04798	Trawl	5m		1
143	15-Jul-98	six	July	IG04898	Trammel			
144	15-Jul-98	six	July	IG04998	Trammel			
145	3-Aug-98	seven	August	IG05098	Trawl	5m		1
146	3-Aug-98	seven	August	IG05198	Seine			
147	3-Aug-98	seven	August	IG05298	Trawl	5m		1
148	3-Aug-98	seven	August	IG05398	Seine			
149	3-Aug-98	seven	August	IG05498	Cast Net			1.5
150	3-Aug-98	seven	August	IG05598	Trawl	5m		1
151	3-Aug-98	seven	August	IG05698	Seine			
152	3-Aug-98	seven	August	IG05798	Cast Net			1
153	3-Aug-98	seven	August	IG05898	Trawl	5m		1
154	3-Aug-98	seven	August	IG05998	Seine			
155	3-Aug-98	seven	August	IG06098	Cast Net			1
156	3-Aug-98	seven	August	IG06198	Seine			
157	3-Aug-98	seven	August	IG06298	Trawl	5m		1
158	4-Aug-98	seven	August	CC04998	Trawl	5m		1.5

159	4-Aug-98	seven	August	CC05098	Seine			
160	4-Aug-98	seven	August	CC05198	Cast Net			3
161	4-Aug-98	seven	August	CC05298	Trawl	5m		1
162	4-Aug-98	seven	August	CC05398	Seine			
163	4-Aug-98	seven	August	CC05498	Trawl	4m		1
164	4-Aug-98	seven	August	CC05598	Seine			1
165	4-Aug-98	seven	August	CC05698	Cast Net			1
166	4-Aug-98	seven	August	CC05798	Trawl	5m		1.5
167	4-Aug-98	seven	August	CC05898	Seine			1
168	4-Aug-98	seven	August	CC05998	Cast Net			1
169	4-Aug-98	seven	August	CC06098	Seine			1
170	4-Aug-98	seven	August	CC06198	Trawl	3m		1
171	4-Aug-98	seven	August	CC06298	Seine			1
172	5-Aug-98	seven	August	JC04998	Trawl	5m		1
173	5-Aug-98	seven	August	JC05098	Seine	11		1
174	5-Aug-98	seven	August	JC05198	Trawl	5m		1
175	5-Aug-98	seven	August	JC05298	Seine	11		1
176	5-Aug-98	seven	August	JC05398	Cast Net			1
177	5-Aug-98	seven	August	JC05498	Trawl	5m		1
178	5-Aug-98	seven	August	JC05598	Cast Net			1
179	5-Aug-98	seven	August	JC05698	Seine	11		1
180	5-Aug-98	seven	August	JC05798	Trawl	5m		1
181	5-Aug-98	seven	August	JC05898	Seine	11		1
182	5-Aug-98	seven	August	JC05998	Dip			1
183	5-Aug-98	seven	August	JC06098	Cast Net			1
184	5-Aug-98	seven	August	JC06198	Seine	11		1
185	14-Jul-98	six	July	CC04198	Trammel			4
186	24-Aug-98	eight	August	JC06298	Seine	11		
187	24-Aug-98	eight	August	JC06398	Seine	11		
188	24-Aug-98	eight	August	JC06498	Cast Net			
189	24-Aug-98	eight	August	JC06598	Cast Net			
190	24-Aug-98	eight	August	JC06698	Seine	11		
191	24-Aug-98	eight	August	JC06798	Cast Net			
192	24-Aug-98	eight	August	JC06898	Dip			
193	24-Aug-98	eight	August	JC06998	Cast Net			
194	24-Aug-98	eight	August	JC07098	Cast Net			
195	24-Aug-98	eight	August	JC07198	Cast Net			
196	24-Aug-98	eight	August	JC07298	Seine	11		
197	24-Aug-98	eight	August	JC07398	Cast Net			
198	24-Aug-98	eight	August	JC07498	Cast Net			
199	24-Aug-98	eight	August	JC07598	Seine	11		
200	24-Aug-98	eight	August	JC07698	Cast Net			
201	24-Aug-98	eight	August	JC07798	Cast Net			
202	24-Aug-98	eight	August	JC07898	Seine	11		
203	24-Aug-98	eight	August	JC07998	Cast Net			
204	24-Aug-98	eight	August	JC08098	Cast Net			
205	24-Aug-98	eight	August	JC08198	Seine	11		
206	24-Aug-98	eight	August	JC08298	Seine	11		
207	25-Aug-98	eight	August	CC06398	Seine			
208	25-Aug-98	eight	August	CC06498	Cast Net			
209	25-Aug-98	eight	August	CC06598	Cast Net			
210	25-Aug-98	eight	August	CC06698	Cast Net			
211	25-Aug-98	eight	August	CC06798	Seine			

212	25-Aug-98	eight	August	CC06898	Seine			
213	25-Aug-98	eight	August	CC06998	Cast Net			
214	25-Aug-98	eight	August	CC07098	Cast Net			
215	25-Aug-98	eight	August	CC07198	Cast Net			
216	25-Aug-98	eight	August	CC07298	Seine			
217	25-Aug-98	eight	August	CC07398	Cast Net			
218	25-Aug-98	eight	August	CC07498	Seine			
219	25-Aug-98	eight	August	CC07598	Cast Net			
220	25-Aug-98	eight	August	CC07698	Cast Net			
221	25-Aug-98	eight	August	CC07798	Seine			
222	25-Aug-98	eight	August	CC07898	Seine			
223	25-Aug-98	eight	August	CC07998	Cast Net			
224	25-Aug-98	eight	August	CC08098	Cast Net			
225	25-Aug-98	eight	August	CC08198	Cast Net			
226	25-Aug-98	eight	August	CC08298	Cast Net			
227	25-Aug-98	eight	August	CC08398	Seine			
228	25-Aug-98	eight	August	CC08498	Cast Net			
229	25-Aug-98	eight	August	CC08598	Cast Net			
230	25-Aug-98	eight	August	CC08698	Cast Net			
231	25-Aug-98	eight	August	CC08798	Seine			
232	25-Aug-98	eight	August	IG06398	Cast Net			
233	25-Aug-98	eight	August	IG06498	Cast Net			
234	25-Aug-98	eight	August	IG06598	Cast Net			
235	25-Aug-98	eight	August	IG06698	Cast Net			
236	25-Aug-98	eight	August	IG06798	Cast Net			
237	25-Aug-98	eight	August	IG06898	Cast Net			
238	25-Aug-98	eight	August	IG06998	Cast Net			
239	25-Aug-98	eight	August	IG07098	Cast Net			
240	25-Aug-98	eight	August	IG07198	Seine			
241	25-Aug-98	eight	August	IG07298	Cast Net			
242	25-Aug-98	eight	August	IG07398	Cast Net			
243	25-Aug-98	eight	August	IG07498	Cast Net			
244	25-Aug-98	eight	August	IG07598	Seine			
245	25-Aug-98	eight	August	IG07698	Cast Net			
246	25-Aug-98	eight	August	IG07798	Cast Net			
247	25-Aug-98	eight	August	IG07898	Cast Net			
248	25-Aug-98	eight	August	IG07998	Seine			
249	25-Aug-98	eight	August	IG08098	Cast Net			
250	25-Aug-98	eight	August	IG08198	Cast Net			
251	25-Aug-98	eight	August	IG08298	Cast Net			
252	25-Aug-98	eight	August	IG08398	Cast Net			
253	25-Aug-98	eight	August	IG08498	Seine			
254	25-Aug-98	eight	August	IG08598	Cast Net			
255	25-Aug-98	eight	August	IG08698	Cast Net			
256	25-Aug-98	eight	August	IG08798	Cast Net			
257	25-Aug-98	eight	August	IG08898	Cast Net			
258	25-Aug-98	eight	August	IG08998	Cast Net			
259	25-Aug-98	eight	August	IG09098	Cast Net			
260	25-Aug-98	eight	August	IG09198	Cast Net			
261	25-Aug-98	eight	August	IG09298	Cast Net			
262	25-Aug-98	eight	August	IG09398	Cast Net			
263	25-Aug-98	eight	August	IG09498	Cast Net			
264	25-Aug-98	eight	August	IG09598	Seine			

265	25-Aug-98	eight	August	IG09698	Cast Net			
266	25-Aug-98	eight	August	IG09798	Cast Net			
385	14-Sep-98	nine	Septembe	JC09998	Otter			4
386	14-Sep-98	nine	Septembe	JC10098	Otter			4
387	14-Sep-98	nine	Septembe	JC10198	Otter			3
388	14-Sep-98	nine	Septembe	JC10298	Otter			3
389	14-Sep-98	nine	Septembe	JC08398	Cast Net			2
390	14-Sep-98	nine	Septembe	JC08498	Cast Net			1
391	14-Sep-98	nine	Septembe	JC08598	Cast Net			2
392	14-Sep-98	nine	Septembe	JC08698	Cast Net			1
393	14-Sep-98	nine	Septembe	JC08798	Cast Net			2
394	14-Sep-98	nine	Septembe	JC08898	Cast Net			2
395	14-Sep-98	nine	Septembe	JC08998	Cast Net			1
396	14-Sep-98	nine	Septembe	JC09098	Cast Net			2
397	14-Sep-98	nine	Septembe	JC09198	Cast Net			2
398	14-Sep-98	nine	Septembe	JC09298	Cast Net			3
399	14-Sep-98	nine	Septembe	JC09398	Cast Net			3
400	14-Sep-98	nine	Septembe	JC09498	Cast Net			2
401	14-Sep-98	nine	Septembe	JC09598	Cast Net			3
402	14-Sep-98	nine	Septembe	JC09698	Cast Net			2
403	14-Sep-98	nine	Septembe	JC09798	Cast Net			3
404	14-Sep-98	nine	Septembe	JC09898	Cast Net			2
406	14-Sep-98	nine	Septembe	JC10398	Otter			4
407	14-Sep-98	nine	Septembe	JC10498	Otter			4
408	14-Sep-98	nine	Septembe	JC10598	Trap Net			2
409	14-Sep-98	nine	Septembe	JC10698	Trap Net			2
410	14-Sep-98	nine	Septembe	JC10798	Hoop Net			2
411	14-Sep-98	nine	Septembe	JC10898	Hoop Net			2
412	14-Sep-98	nine	Septembe	JC10998	Trap Net			3
413	15-Sep-98	nine	Septembe	JC11098	Shocker			2
414	15-Sep-98	nine	Septembe	JC11198	Cast Net			2
415	15-Sep-98	nine	Septembe	JC11298	Cast Net			2
416	15-Sep-98	nine	Septembe	JC11398	Cast Net			2
417	15-Sep-98	nine	Septembe	JC11498	Cast Net			2
418	15-Sep-98	nine	Septembe	JC11598	Cast Net			2
419	15-Sep-98	nine	Septembe	JC11698	Cast Net			2
420	15-Sep-98	nine	Septembe	JC11798	Cast Net			2
421	15-Sep-98	nine	Septembe	JC11898	Cast Net			2
422	15-Sep-98	nine	Septembe	JC11998	Cast Net			2
423	15-Sep-98	nine	Septembe	JC12098	Cast Net			2
424	15-Sep-98	nine	Septembe	JC12198	Cast Net			2
425	15-Sep-98	nine	Septembe	JC12298	Cast Net			2
426	15-Sep-98	nine	Septembe	JC12398	Cast Net			2
427	15-Sep-98	nine	Septembe	JC12498	Cast Net			2
428	15-Sep-98	nine	Septembe	JC12598	Cast Net			2
429	15-Sep-98	nine	Septembe	JC12698	Cast Net			2
430	15-Sep-98	nine	Septembe	JC12798	Cast Net			2
431	15-Sep-98	nine	Septembe	JC12898	Cast Net			2
432	15-Sep-98	nine	Septembe	JC12898	Cast Net			2
433	15-Sep-98	nine	Septembe	JC12998	Cast Net			2
434	15-Sep-98	nine	Septembe	JC13098	Cast Net			2
435	15-Sep-98	nine	Septembe	JC13198	Cast Net			2
436	15-Sep-98	nine	Septembe	JC13298	Cast Net			2

437	15-Sep-98	nine	Septembe	JC13398	Cast Net		2
438	15-Sep-98	nine	Septembe	JC13498	Cast Net		2
439	15-Sep-98	nine	Septembe	JC13598	Cast Net		2
440	15-Sep-98	nine	Septembe	JC13698	Cast Net		2
441	15-Sep-98	nine	Septembe	JC13798	Cast Net		2
442	15-Sep-98	nine	Septembe	JC13898	Cast Net		2
443	15-Sep-98	nine	Septembe	JC13998	Cast Net		2
444	15-Sep-98	nine	Septembe	JC14098	Cast Net		2
445	15-Sep-98	nine	Septembe	JC14198	Cast Net		2
446	15-Sep-98	nine	Septembe	JC14298	Cast Net		2
447	15-Sep-98	nine	Septembe	JC14398	Cast Net		2
448	15-Sep-98	nine	Septembe	JC14498	Otter	1 km	4
449	15-Sep-98	nine	Septembe	JC14598	Otter	Length of	3
450	15-Sep-98	nine	Septembe	JC14698	Trap Net		4
451	15-Sep-98	nine	Septembe	JC14798	Trap Net		4
452	15-Sep-98	nine	Septembe	JC14898	Trap Net		3
453	15-Sep-98	nine	Septembe	JC14998	Hoop Net		2
454	15-Sep-98	nine	Septembe	JC15098	Hoop Net		3
455	16-Sep-98	nine	Septembe	JC15198	Trap Net		6
456	16-Sep-98	nine	Septembe	JC15298	Trap Net		4
457	16-Sep-98	nine	Septembe	JC15398	Cast Net		3
458	16-Sep-98	nine	Septembe	JC15498	Cast Net		3
459	16-Sep-98	nine	Septembe	JC15598	Cast Net		2
460	16-Sep-98	nine	Septembe	JC15698	Cast Net		2
461	16-Sep-98	nine	Septembe	JC15798	Cast Net		2
462	16-Sep-98	nine	Septembe	JC15898	Cast Net		2
463	16-Sep-98	nine	Septembe	JC15998	Cast Net		2
464	16-Sep-98	nine	Septembe	JC16098	Cast Net		2
465	16-Sep-98	nine	Septembe	JC16198	Cast Net		2
466	16-Sep-98	nine	Septembe	JC16298	Cast Net		2
467	16-Sep-98	nine	Septembe	JC16398	Cast Net		2
468	16-Sep-98	nine	Septembe	JC16498	Cast Net		2
469	16-Sep-98	nine	Septembe	JC16598	Cast Net		2
470	16-Sep-98	nine	Septembe	JC16698	Cast Net		2
471	16-Sep-98	nine	Septembe	JC16798	Cast Net		3
472	16-Sep-98	nine	Septembe	JC16898	Cast Net		3
473	16-Sep-98	nine	Septembe	JC16998	Cast Net		2
474	16-Sep-98	nine	Septembe	JC17098	Cast Net		2
475	16-Sep-98	nine	Septembe	JC17198	Cast Net		2
476	16-Sep-98	nine	Septembe	JC17298	Cast Net		2
477	16-Sep-98	nine	Septembe	JC17398	Cast Net		3
478	16-Sep-98	nine	Septembe	JC17498	Cast Net		3
479	16-Sep-98	nine	Septembe	JC17598	Cast Net		3
480	16-Sep-98	nine	Septembe	JC17698	Cast Net		3
481	16-Sep-98	nine	Septembe	JC17798	Cast Net		3
482	16-Sep-98	nine	Septembe	JC17898	Cast Net		3
483	16-Sep-98	nine	Septembe	JC17998	Cast Net		3
484	16-Sep-98	nine	Septembe	JC18098	Cast Net		3
485	16-Sep-98	nine	Septembe	JC18198	Cast Net		3
486	16-Sep-98	nine	Septembe	JC18298	Cast Net		3
487	16-Sep-98	nine	Septembe	JC18398	Cast Net		3
488	16-Sep-98	nine	Septembe	JC18498	Cast Net		3
489	16-Sep-98	nine	Septembe	JC18598	Cast Net		3

490	16-Sep-98	nine	Septembe	JC18698	Cast Net		3
491	16-Sep-98	nine	Septembe	JC18798	Cast Net		3
492	16-Sep-98	nine	Septembe	JC18898	Cast Net		3
494	16-Sep-98	nine	Septembe	JC18998	Cast Net		2
495	16-Sep-98	nine	Septembe	JC19098	Cast Net		2
496	16-Sep-98	nine	Septembe	JC19198	Cast Net		2
497	16-Sep-98	nine	Septembe	JC19298	Cast Net		2
498	16-Sep-98	nine	Septembe	JC19398	Cast Net		2
506	16-Sep-98	nine	Septembe	JC19498	Otter		4
507	16-Sep-98	nine	Septembe	JC19598	Otter		4
508	7-Oct-98	ten	October	CC08898	Trammel		3
509	7-Oct-98	ten	October	CC08998	Trap Net		3
510	7-Oct-98	ten	October	CC09098	Otter		3
511	7-Oct-98	ten	October	CC09198	Trap Net		4
512	7-Oct-98	ten	October	CC09298	Otter		3
513	7-Oct-98	ten	October	CC09398	Cast Net		2
514	7-Oct-98	ten	October	CC09498	Cast Net		2
515	7-Oct-98	ten	October	CC09598	Cast Net		2
516	7-Oct-98	ten	October	CC09698	Cast Net		2
517	7-Oct-98	ten	October	CC09798	Cast Net		2
518	7-Oct-98	ten	October	CC09898	Cast Net		2
519	7-Oct-98	ten	October	CC09998	Cast Net		2
520	7-Oct-98	ten	October	CC10098	Cast Net		2
521	7-Oct-98	ten	October	CC10198	Cast Net		2
522	7-Oct-98	ten	October	CC10298	Cast Net		2
523	6-Oct-98	ten	October	IG09898	Trap Net		4
524	6-Oct-98	ten	October	IG09998	Trap Net		5
525	6-Oct-98	ten	October	IG10098	Trap Net		4
526	6-Oct-98	ten	October	IG10198	Trammel		3
527	6-Oct-98	ten	October	IG10298	Trammel		4
528	6-Oct-98	ten	October	IG10398	Trammel		4
529	6-Oct-98	ten	October	IG10498	Otter		4
530	6-Oct-98	ten	October	IG10598	Otter		4
531	7-Oct-98	ten	October	IG10698	Otter		3
532	7-Oct-98	ten	October	IG10798	Otter		3
533	7-Oct-98	ten	October	IG10898	Cast Net		2
534	7-Oct-98	ten	October	IG10998	Cast Net		2
535	7-Oct-98	ten	October	IG11098	Cast Net		2
536	7-Oct-98	ten	October	IG11198	Cast Net		2
537	7-Oct-98	ten	October	IG11298	Cast Net		2
538	7-Oct-98	ten	October	IG11398	Cast Net		2
539	7-Oct-98	ten	October	IG11498	Cast Net		2
540	7-Oct-98	ten	October	IG11598	Cast Net		2
541	7-Oct-98	ten	October	IG11698	Cast Net		2
542	7-Oct-98	ten	October	IG11798	Cast Net		2
543	8-Oct-98	ten	October	JC19698	Otter		4
544	8-Oct-98	ten	October	JC19798	Otter		3
545	8-Oct-98	ten	October	JC19898	Trammel		3
546	8-Oct-98	ten	October	JC19998	Trap Net		5
547	8-Oct-98	ten	October	JC20098	Trap Net		4

Reservoir	Timenetin	Timenetout	Soaktime	Day/Night	Airtemp F	imeH2Oquan	pH2O-surf	Ph-surface
JCBoyle	30-Mar-98	31-Mar-98	17.417	N	40	30-Mar-98	5.72	7.96
JCBoyle	30-Mar-98	31-Mar-98	17.733	N	41	30-Mar-98	5.57	7.85
JCBoyle	30-Mar-98	31-Mar-98	7.433	N	42	31-Mar-98	5.02	7.97
JCBoyle	31-Mar-98	31-Mar-98	2.25	D	50	31-Mar-98	6.1	7.8
JCBoyle	31-Mar-98	31-Mar-98	2.417	D	49	31-Mar-98	6.15	7.78
Iron Gate	31-Mar-98	1-Apr-98	15.25	N	40	1-Apr-98	7.34	7.85
Iron Gate	31-Mar-98	1-Apr-98	15.583	N	40	1-Apr-98	7.35	7.86
Iron Gate	1-Apr-98	1-Apr-98	5.283	D	50	1-Apr-98	7.78	7.72
Iron Gate	1-Apr-98	1-Apr-98	5.333	D	45	1-Apr-98	8.56	7.72
Copco	1-Apr-98	2-Apr-98	15.267	N	55	2-Apr-98	7.25	7.82
Copco	1-Apr-98	2-Apr-98	15.8	N	55	2-Apr-98	7.3	7.83
Copco	1-Apr-98	2-Apr-98	16.233	N	50	2-Apr-98	7.09	7.79
Copco	2-Apr-98	2-Apr-98	5.133	D	50	2-Apr-98	7.5	7.8
Copco	2-Apr-98	2-Apr-98	5.85	D	40	2-Apr-98	7.37	7.82
Copco	2-Apr-98	2-Apr-98	6.3	D	50	2-Apr-98	7.57	7.84
Iron Gate	21-Apr-98	21-Apr-98	2	N	45	21-Apr-98	10.02	8.02
Iron Gate	21-Apr-98	21-Apr-98	2.583	N	45	21-Apr-98	9.7	7.94
Iron Gate	21-Apr-98	21-Apr-98	2.217	N	45	21-Apr-98	10.02	8.02
Iron Gate	21-Apr-98	21-Apr-98	2.517	N	45	21-Apr-98	8.99	7.97
Copco	22-Apr-98	22-Apr-98	3.4	N	40	22-Apr-98	12.22	8.02
Copco	22-Apr-98	22-Apr-98	3.833	N	40	22-Apr-98	12.22	8.02
JCBoyle	23-Apr-98	23-Apr-98	2.7	N	40	23-Apr-98	8.68	7.82
JCBoyle	23-Apr-98	23-Apr-98	2.483	N	40	23-Apr-98	12.7	7.8
Iron Gate	20-Apr-98	21-Apr-98	11.717	N	45	21-Apr-98	10.63	8.21
Iron Gate	20-Apr-98	21-Apr-98	12.167	N	40	21-Apr-98	10.24	8.11
Iron Gate	20-Apr-98	21-Apr-98	12.667	N	40	21-Apr-98	9.37	8.04
Copco	21-Apr-98	22-Apr-98	12.367	N	40	22-Apr-98	11.62	8.05
Copco	21-Apr-98	22-Apr-98	15.117	N	40	22-Apr-98	13.45	8.15
Copco	21-Apr-98	22-Apr-98	13.417	N	40	22-Apr-98	13.38	8.23
JCBoyle	22-Apr-98	23-Apr-98	12.7	N	38	23-Apr-98	12.46	8.1
JCBoyle	22-Apr-98	23-Apr-98	13.733	N	38	23-Apr-98	12.46	8.1
JCBoyle	22-Apr-98	23-Apr-98	14.383	N	40	23-Apr-98	12.46	8.1
Iron Gate	13-May-98	14-May-98	14.167	N	40	14-May-98	13.37	8.04
Iron Gate	13-May-98	14-May-98	14.917	N	40	14-May-98	12.59	7.78
Iron Gate	13-May-98	14-May-98	16	N	45	14-May-98	12.85	7.89
Copco	12-May-98	13-May-98	14.767	N	45	13-May-98	13.23	8.1
Copco	12-May-98	13-May-98	15.5	N	45	13-May-98	13.91	8.13
Copco	12-May-98	13-May-98	16.633	N	45	13-May-98	13.91	8.13
JCBoyle	11-May-98	12-May-98	16.4	N	45	12-May-98	11.67	8.06
JCBoyle	11-May-98	12-May-98	15.433	N	40	12-May-98	11.83	8
JCBoyle	11-May-98	12-May-98	14.567	N	40	12-May-98	11.77	8
JCBoyle	11-May-98			D	52	11-May-98	12.98	7.93
JCBoyle	11-May-98			D	52	11-May-98	12.98	7.93
JCBoyle	11-May-98			D	53	11-May-98	12.98	7.93
JCBoyle	11-May-98			D	52	11-May-98	12.98	7.93
JCBoyle	11-May-98	12-May-98	8.183	N	45	11-May-98	6.58	7.72
JCBoyle	11-May-98	12-May-98	8.033	N	45	11-May-98	11.73	8.01
Copco	12-May-98			D	50			
Copco	12-May-98			D	50			
Copco	12-May-98	13-May-98	7.667	N	45			
Copco	12-May-98	13-May-98	7.65	N	45			
Iron Gate	13-May-98			D	45	13-May-98	13.81	8.75

Iron Gate	13-May-98			D	45	13-May-98	13.81	8.75
Iron Gate	13-May-98	14-May-98	8.067	D	45			
Iron Gate	13-May-98	14-May-98	8.067	D	45			
Iron Gate	1-Jun-98	2-Jun-98	18.217	N	75			
Iron Gate	1-Jun-98	2-Jun-98	19.3	N	65			
Iron Gate	2-Jun-98	2-Jun-98	3.15	N	55			
Iron Gate	2-Jun-98	2-Jun-98	3.083	N	55			
Iron Gate	2-Jun-98			D	70	2-Jun-98	15.2	8.73
Iron Gate	2-Jun-98			D	70	2-Jun-98	15.2	8.73
Iron Gate	2-Jun-98			D	70			
Iron Gate	2-Jun-98			D	60	2-Jun-98	11.29	7.71
Iron Gate	2-Jun-98	2-Jun-98	3.4	N	55			
Iron Gate	2-Jun-98	2-Jun-98	3.333	N	55			
Iron Gate	1-Jun-98			D	70	1-Jun-98	25.43	9.08
Copco	3-Jun-98			D	60	3-Jun-98	16.27	8.44
Copco	3-Jun-98			D	60	3-Jun-98	16.27	8.44
Copco	3-Jun-98			D	65	3-Jun-98	15.79	8.4
Copco	3-Jun-98			D	60	3-Jun-98	15.79	8.4
Copco	2-Jun-98	2-Jun-98	2.05	D	52			
Copco	2-Jun-98	2-Jun-98	1.95	N	52			
Copco	3-Jun-98			D				
JCBoyle	3-Jun-98			D	60	3-Jun-98	17.24	8.38
JCBoyle	3-Jun-98			D	65	3-Jun-98	16.56	8.3
JCBoyle	3-Jun-98			D	65	3-Jun-98	18.36	8.56
JCBoyle	3-Jun-98	3-Jun-98	1.833	N				
JCBoyle	3-Jun-98	4-Jun-98	1.917	N	50			
Iron Gate	22-Jun-98			D	65	22-Jun-98	25.78	9.24
Iron Gate	22-Jun-98			D	65	22-Jun-98	25.78	9.24
Iron Gate	22-Jun-98			D	65	22-Jun-98	21.7	9.09
Iron Gate	22-Jun-98			D	65	22-Jun-98	21.7	9.09
Iron Gate	22-Jun-98			D	65	22-Jun-98	21.85	9.18
Iron Gate	22-Jun-98			D	65	22-Jun-98	21.85	9.18
Iron Gate	22-Jun-98			D	65	22-Jun-98	24.45	8.96
Iron Gate	22-Jun-98			D	65	22-Jun-98	24.45	8.96
Iron Gate	22-Jun-98	23-Jun-98	1.683	N	50			
Iron Gate	22-Jun-98	23-Jun-98	1.667	N	50			
Copco	23-Jun-98	24-Jun-98	12.833	N	50	23-Jun-98	20.09	8.76
Copco	23-Jun-98	24-Jun-98	13	N	50	23-Jun-98	20.73	8.81
Copco	23-Jun-98			D	65	23-Jun-98	18.27	7.97
Copco	23-Jun-98			D	65	23-Jun-98	18.27	7.97
Copco	23-Jun-98			D	65	23-Jun-98	24.55	9.04
Copco	23-Jun-98			D	65	23-Jun-98	24.55	9.04
Copco	23-Jun-98			D	70	23-Jun-98	24.14	8.91
Copco	23-Jun-98			D	70	23-Jun-98	24.14	8.91
Copco	23-Jun-98	23-Jun-98	1.75	N	50			
Copco	23-Jun-98	23-Jun-98	1.833	N	50			
JCBoyle	24-Jun-98	24-Jun-98	6	D	60			
JCBoyle	24-Jun-98	24-Jun-98	6.333	D	60			
JCBoyle	24-Jun-98			D	55			
JCBoyle	24-Jun-98			D	55			
JCBoyle	24-Jun-98			D	60			
JCBoyle	24-Jun-98			D	55			
JCBoyle	24-Jun-98			D	55			

JCBoyle	25-Jun-98	25-Jun-98	0.167	D		50			
JCBoyle	25-Jun-98			D		55			
JCBoyle	13-Jul-98			D		85	13-Jul-98	25.5	8.61
JCBoyle	13-Jul-98			D		85	13-Jul-98	25.5	8.61
JCBoyle	13-Jul-98			D		85	13-Jul-98	25.5	8.61
JCBoyle	13-Jul-98			D		85	13-Jul-98	25.5	8.61
JCBoyle	13-Jul-98			D		85	13-Jul-98	26.83	8.79
JCBoyle	13-Jul-98			D		85	13-Jul-98	27.08	8.78
JCBoyle	13-Jul-98			D		85	13-Jul-98	27.08	8.78
JCBoyle	13-Jul-98			D		85	13-Jul-98	27.08	8.78
JCBoyle	13-Jul-98			D		80	13-Jul-98	27.08	8.78
JCBoyle	13-Jul-98			D		75	13-Jul-98	24.49	8.42
JCBoyle	13-Jul-98			D		75	13-Jul-98	24.49	8.42
JCBoyle	13-Jul-98			D		75	13-Jul-98	24.49	8.42
JCBoyle	13-Jul-98	13-Jul-98	5.25	D		75	13-Jul-98	23.32	8.24
JCBoyle	13-Jul-98	13-Jul-98	5.75	D		75	13-Jul-98	23.32	8.24
JCBoyle	13-Jul-98			D		75	13-Jul-98	24.49	8.42
Copco	14-Jul-98	14-Jul-98	4.833	D		75	14-Jul-98	23.2	8.2
Copco	14-Jul-98			D		75	14-Jul-98	23.23	8.64
Copco	14-Jul-98			D		75	14-Jul-98	23.23	8.64
Copco	14-Jul-98			D		80	14-Jul-98	23.23	8.64
Copco	14-Jul-98			D		80	14-Jul-98	23.23	8.64
Copco	14-Jul-98			D		80	14-Jul-98	24.71	8.48
Copco	14-Jul-98			D		80	14-Jul-98	24.71	8.48
Copco	14-Jul-98			D		85	14-Jul-98	25.92	8.54
Copco	14-Jul-98			D		85	14-Jul-98	25.92	8.54
Copco	14-Jul-98			D		85	14-Jul-98	27	8.83
Copco	14-Jul-98			D		85	14-Jul-98	27	8.83
Copco	14-Jul-98			D		85	14-Jul-98	27	8.83
Iron Gate	15-Jul-98	15-Jul-98	5	D		85	15-Jul-98	23.74	8.75
Iron Gate	15-Jul-98	15-Jul-98	5	D		85	15-Jul-98	23.87	8.56
Iron Gate	15-Jul-98			D		75	15-Jul-98	24.32	9.17
Iron Gate	15-Jul-98			D		75	15-Jul-98	24.32	9.17
Iron Gate	15-Jul-98			D		80	15-Jul-98	24.64	8.85
Iron Gate	15-Jul-98			D		80	15-Jul-98	24.64	8.85
Iron Gate	15-Jul-98			D		85	15-Jul-98	25.34	9.1
Iron Gate	15-Jul-98			D		85	15-Jul-98	25.34	9.1
Iron Gate	15-Jul-98	15-Jul-98	3.667	D		85	15-Jul-98	27.88	8.68
Iron Gate	15-Jul-98	15-Jul-98	3.833	D		85	15-Jul-98	26.12	8.68
Iron Gate	3-Aug-98			D		92	3-Aug-98	30.07	9.43
Iron Gate	3-Aug-98			D		92	3-Aug-98	30.07	9.43
Iron Gate	3-Aug-98			D		95	3-Aug-98	27.69	9.25
Iron Gate	3-Aug-98			D		95	3-Aug-98	27.69	9.25
Iron Gate	3-Aug-98			D		95	3-Aug-98	27.69	9.25
Iron Gate	3-Aug-98			D		95	3-Aug-98	27.17	9.22
Iron Gate	3-Aug-98			D		95	3-Aug-98	27.17	9.22
Iron Gate	3-Aug-98			D		95	3-Aug-98	27.17	9.22
Iron Gate	3-Aug-98			D		95	3-Aug-98	29.05	9.51
Iron Gate	3-Aug-98			D		95	3-Aug-98	29.05	9.51
Iron Gate	3-Aug-98			D		95	3-Aug-98	29.05	9.51
Iron Gate	3-Aug-98			D		95	3-Aug-98	28.23	9.57
Iron Gate	3-Aug-98			D		95	3-Aug-98	28.23	9.57
Copco	4-Aug-98			D		75	4-Aug-98	23.89	8.78

Copco	4-Aug-98			D	75	4-Aug-98	23.89	8.78
Copco	4-Aug-98			D	75	4-Aug-98	23.89	8.78
Copco	4-Aug-98			D	80	4-Aug-98	25.26	8.84
Copco	4-Aug-98			D	80	4-Aug-98	25.26	8.84
Copco	4-Aug-98			D	80	4-Aug-98	25.53	9.19
Copco	4-Aug-98			D	80	4-Aug-98	25.53	9.19
Copco	4-Aug-98			D	80	4-Aug-98	25.53	9.19
Copco	4-Aug-98			D	85	4-Aug-98	25.77	9.1
Copco	4-Aug-98			D	85	4-Aug-98	25.77	9.1
Copco	4-Aug-98			D	85	4-Aug-98	25.77	9.1
Copco	4-Aug-98			D	90	4-Aug-98	24.77	8.9
Copco	4-Aug-98			D	90	4-Aug-98	24.77	8.9
Copco	4-Aug-98			D	90	4-Aug-98	28.06	9.28
JCBoyle	5-Aug-98			D	57	5-Aug-98	24.05	7.59
JCBoyle	5-Aug-98			D	57	5-Aug-98	24.05	7.59
JCBoyle	5-Aug-98			D	60	5-Aug-98	24.12	7.71
JCBoyle	5-Aug-98			D	60	5-Aug-98	24.12	7.71
JCBoyle	5-Aug-98			D	60	5-Aug-98	24.12	7.71
JCBoyle	5-Aug-98			D	60	5-Aug-98	24.59	7.76
JCBoyle	5-Aug-98			D	60	5-Aug-98	24.59	7.76
JCBoyle	5-Aug-98			D	60	5-Aug-98	24.59	7.76
JCBoyle	5-Aug-98			D	80	5-Aug-98	23.59	7.61
JCBoyle	5-Aug-98			D	80	5-Aug-98	23.59	7.61
JCBoyle	5-Aug-98			D	80	5-Aug-98	23.59	7.61
JCBoyle	5-Aug-98			D	85	5-Aug-98	23.87	7.65
JCBoyle	5-Aug-98			D	85	5-Aug-98	23.87	7.65
Copco	14-Jul-98	14-Jul-98	4.917	D	80	14-Jul-98	24.67	8.36
JCBoyle	24-Aug-98			D	90	24-Aug-98	23.9	9
JCBoyle	24-Aug-98			D	90	24-Aug-98	23.9	9
JCBoyle	24-Aug-98			D	90	24-Aug-98	23.9	9
JCBoyle	24-Aug-98			D	90	24-Aug-98	23.9	9
JCBoyle	24-Aug-98			D	85	24-Aug-98	23.59	8.11
JCBoyle	24-Aug-98			D	90	24-Aug-98	23.9	9
JCBoyle	24-Aug-98			D	90	24-Aug-98	23.9	9
JCBoyle	24-Aug-98			D	90	24-Aug-98	23.9	9
JCBoyle	24-Aug-98			D	90	24-Aug-98	23.9	9
JCBoyle	24-Aug-98			D	85	24-Aug-98	23.59	8.11
JCBoyle	24-Aug-98			D	85	24-Aug-98	23.59	8.11
JCBoyle	24-Aug-98			D	85	24-Aug-98	23.59	8.11
JCBoyle	24-Aug-98			D	85	24-Aug-98	23.59	8.11
JCBoyle	24-Aug-98			D	80	24-Aug-98	25.01	8.62
JCBoyle	24-Aug-98			D	80	24-Aug-98	25.01	8.62
JCBoyle	24-Aug-98			D	80	24-Aug-98	25.01	8.62
JCBoyle	24-Aug-98			D	80	24-Aug-98	25.01	8.62
JCBoyle	24-Aug-98			D	80	24-Aug-98	25.01	8.62
JCBoyle	24-Aug-98			D	75			
JCBoyle	24-Aug-98			D	75			
Copco	25-Aug-98			D	90	25-Aug-98	22.28	8.35
Copco	25-Aug-98			D	90	25-Aug-98	22.28	8.35
Copco	25-Aug-98			D	90	25-Aug-98	22.28	8.35
Copco	25-Aug-98			D	90	25-Aug-98	22.28	8.35
Copco	25-Aug-98			D	70	25-Aug-98	22.28	8.35

Copco	25-Aug-98			D	70	25-Aug-98	23.87	8.69
Copco	25-Aug-98			D	70	25-Aug-98	23.87	8.69
Copco	25-Aug-98			D	70	25-Aug-98	23.87	8.69
Copco	25-Aug-98			D	70	25-Aug-98	23.87	8.69
Copco	25-Aug-98			D	70	25-Aug-98	23.87	8.69
Copco	25-Aug-98			D	70	25-Aug-98	23.87	8.69
Copco	25-Aug-98			D	70	25-Aug-98	22.8	8.24
Copco	25-Aug-98			D	70	25-Aug-98	22.8	8.24
Copco	25-Aug-98			D	70	25-Aug-98	22.8	8.24
Copco	25-Aug-98			D	70	25-Aug-98	22.8	8.24
Copco	25-Aug-98			D	85	25-Aug-98	24.42	8.52
Copco	25-Aug-98			D	85	25-Aug-98	24.42	8.52
Copco	25-Aug-98			D	85	25-Aug-98	24.42	8.52
Copco	25-Aug-98			D	85	25-Aug-98	24.42	8.52
Copco	25-Aug-98			D	85	25-Aug-98	24.42	8.52
Copco	25-Aug-98			D	85	25-Aug-98	23.21	8.32
Copco	25-Aug-98			D	85	25-Aug-98	23.21	8.32
Copco	25-Aug-98			D	85	25-Aug-98	23.21	8.32
Copco	25-Aug-98			D	85	25-Aug-98	23.21	8.32
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90	25-Aug-98	27.55	9.41
Iron Gate	25-Aug-98			D	90	25-Aug-98	27.55	9.41
Iron Gate	25-Aug-98			D	90	25-Aug-98	27.55	9.41
Iron Gate	25-Aug-98			D	90	25-Aug-98	27.55	9.41
Iron Gate	25-Aug-98			D	90	25-Aug-98	27.55	9.41
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90	25-Aug-98	28.25	9.63
Iron Gate	25-Aug-98			D	90	25-Aug-98	28.25	9.63
Iron Gate	25-Aug-98			D	90	25-Aug-98	28.25	9.63
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90	25-Aug-98	26.58	9.21
Iron Gate	25-Aug-98			D	90	25-Aug-98	26.58	9.21
Iron Gate	25-Aug-98			D	90	25-Aug-98	26.58	9.21
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	90			
Iron Gate	25-Aug-98			D	85			
Iron Gate	25-Aug-98			D	85			
Iron Gate	25-Aug-98			D	85			
Iron Gate	25-Aug-98			D	85			
Iron Gate	25-Aug-98			D	85			
Iron Gate	25-Aug-98			D	85			
Iron Gate	25-Aug-98			D	85			
Iron Gate	25-Aug-98			D	85	25-Aug-98	24.84	9.2

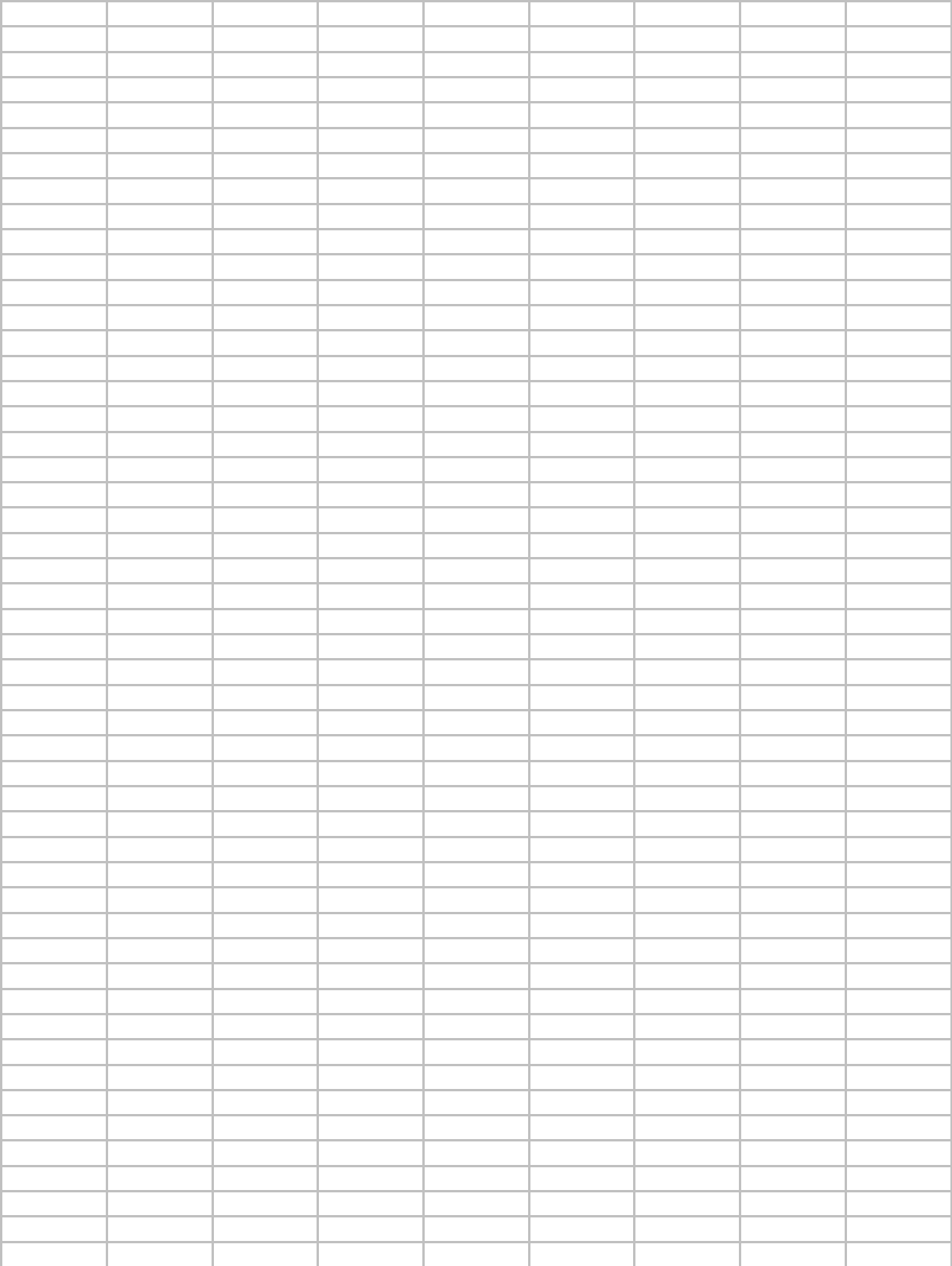
JCBoyle	16-Sep-98			D	80		
JCBoyle	16-Sep-98			D	80		
JCBoyle	16-Sep-98			D	80		
JCBoyle	16-Sep-98			D	80		
JCBoyle	16-Sep-98			D	80		
JCBoyle	16-Sep-98			D	80		
JCBoyle	16-Sep-98			D	80		
JCBoyle	16-Sep-98			D	80		
JCBoyle	16-Sep-98	16-Sep-98	0.25	D	90		
JCBoyle	16-Sep-98	16-Sep-98	0.067	D	90		
Copco	7-Oct-98	8-Oct-98	16.333	N	55		
Copco	7-Oct-98	8-Oct-98	17.15	N	55		
Copco	8-Oct-98		0.117	D	55		
Copco	7-Oct-98	8-Oct-98	18.117	N	65		
Copco	8-Oct-98		0.05	D	60		
Copco	8-Oct-98			D	60		
Copco	8-Oct-98			D	60		
Copco	8-Oct-98			D	60		
Copco	8-Oct-98			D	60		
Copco	8-Oct-98			D	60		
Copco	8-Oct-98			D	60		
Copco	8-Oct-98			D	60		
Copco	8-Oct-98			D	60		
Copco	8-Oct-98			D	60		
Copco	8-Oct-98			D	60		
Copco	8-Oct-98			D	60		
Iron Gate	6-Oct-98	7-Oct-98	17.333	N	82		
Iron Gate	6-Oct-98	7-Oct-98	18.867	N	80		
Iron Gate	6-Oct-98	7-Oct-98	19.833	N	80		
Iron Gate	6-Oct-98	7-Oct-98	15.167	N	75		
Iron Gate	6-Oct-98	7-Oct-98	16.05	N	70		
Iron Gate	6-Oct-98	7-Oct-98	17.583	N	70		
Iron Gate	7-Oct-98	7-Oct-98	0.067	D	70		
Iron Gate	7-Oct-98	7-Oct-98	0.133	D	70		
Iron Gate	7-Oct-98	7-Oct-98	0.117	D	70		
Iron Gate	7-Oct-98	7-Oct-98	0.133	D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
Iron Gate	7-Oct-98			D	70		
JCBoyle	7-Oct-98	7-Oct-98	0.167	D	60		
JCBoyle	7-Oct-98	7-Oct-98	0.1	D	60		
JCBoyle	8-Oct-98	9-Oct-98	15.2	N	45		
JCBoyle	8-Oct-98	9-Oct-98	15.233	N	45		
JCBoyle	8-Oct-98	9-Oct-98	15.233	N	45		

DO-surface	conduct-surf	ath-h20sam	e-h20sam	pp-H20sam	Phsample2	DOsample2	ductsamp	Depth-m
11.3	160	1						
10.92	155	1						
11.33	106	1	0-Jan-00	5.08	7.76	11.17	115	2
11.33	154	1						
11.05	157	1	0-Jan-00	6.17	7.79	11	159	2
11.41	149	1	0-Jan-00	7.31	7.86	11.23	149	
11.31	153	1	0-Jan-00	7.35	7.84	11.26	148	2
11.65	150	1						
9.72	170	2						
11.2	151	1						
10.8	155	11						
10.36	161	1						
7.75	159	1						
11.24	154	4						
11.26	166	1						
10.96	182	1						
11.24	96	1						
10.96	182	1						
11.64	136	1						
10.06	197	1						
10.06	197	1						
10.99	64	1						
9.74	247	1						
11.63	169	1						
11.34	178	1	0-Jan-00	9.95	8.02	11.97	181	3
11.47	98	1	0-Jan-00	9.47	7.98	11.61	102	3
10.61	191	1						
11.1	188	1	0-Jan-00	11.36	8.06	10.35	194	3
11.25	188	1	0-Jan-00	12.97	8.13	10.94	193	5
9.77	234	1						
9.77	234	1						
9.77	234	1						
9.98	201	1						
10.8	201	1.8						
10.26	200	0.7						
9.17	202	2						
10.28	205	1.6						
10.28	205	1.6						
10.11	201	0.5						
10.53	197	3						
9.73	204	3						
10.2	195	0.6						
10.2	195	0.6						
10.2	195	0.6						
10.2	195	0.6						
11.73	76	0.5						
11.71	217	1						
12.35	200	1						

9.3	174	0.5						
9.3	174	0.5						
9.3	174	0.5						
9.3	174	0.5						
10.78	175	1						
10.45	175	0.5						
10.45	175	0.5						
10.45	175	0.5						
10.45	175	0.5						
10.61	178	0.5						
10.61	178	0.5						
10.61	178	0.5						
9.11	176	1						
9.11	176	1						
10.61	178	0.1						
7.62	178	3						
8.1	176	0.5						
8.1	176	0.5						
8.1	176	0.5						
8.1	176	0.5						
8.53	176	0.1						
8.53	176	0.1						
10.19	175	0.9						
10.19	175	0.9						
11.55	174	0.1						
11.55	174	0.1						
11.55	174	0.1						
7.75	185	6						
8.93	185	6						
14.4	176	0.1						
14.4	176	0.1						
11.03	176	0.1						
11.03	176	0.1						
14.66	178	0.1						
14.66	178	0.1						
9.11	180	3						
9.37	179	1.5						
13.62	167	0.1						
13.62	167	0.1						
15.22	174	0.3						
15.22	174	0.3						
15.22	174	0.3						
14.69	170	0.4						
14.69	170	0.4						
14.69	170	0.4						
11.71	171	0.2						
11.71	171	0.2						
11.71	171	0.2						
12.49	169	0.3						
12.49	169	0.3						
8.65	155	0.3						

10.58	155	0.3						
10.58	155	0.3						
10.58	155	0.3						
10.58	155	0.3						
10.58	155	0.3						
10.58	155	0.3						
10.89	155	0.4						
10.89	155	0.4						
10.89	155	0.4						
10.89	155	0.4						
10.15	153	0.4						
10.15	153	0.4						
10.15	153	0.4						
10.15	153	0.4						
10.15	153	0.4						
8.44	156	0.3						
8.44	156	0.3						
8.44	156	0.3						
8.44	156	0.3						
8.44	156	0.3						
13.04	159	5						
13.04	159	5						
13.04	159	5						
13.04	159	5						
13.04	159	0.1						
0	162	0.1						
0	162	0.1						
0	162	0.1						
14.65	155	0.2						
14.65	155	0.2						
14.65	155	0.2						
14.48	156	0.1						

6.75	157	2.8
6.75	157	2.8
6.75	157	2.8



Current	Substrate	anceH20m	vegetationty	vegetationlop	hanizomin	Preserve	Comments	S coordina
	Boulder	25	canary	High	Absent	N		N
5	Boulder/gr	15	unknown	High	Absent	N		N
4	unknown	30	unknown	Low	Absent	N		
2	unknown	30	unknown	Absent	Absent	N		
5	unknown	20	unknown	Low	Absent	Y	Sacramen	
5	unknown	50	unknown	Low	Absent	N		
2	Sand	50	unknown	Low	Absent	N		
2	Muck	20	macrophyt	High	Absent	N		N
0	unknown	15	none	Absent	Absent	N		
0	Muck	15	unknown	Medium	Absent	N		
0	Sand	5	ceratophyl	High	Absent	N		
1	Muck	15	macrophyt	Medium	Absent	N		N
1	Muck-	50	none	Absent	Absent	N		
2	Muck	40	macrophyt	Low	Absent	N		
3	Muck	30	ceratophyl	High	Absent	N		
	Cobble	1	brambles	Absent	Absent	N		N
	Soil	1	willow	Medium	Absent	N		N
	unknown	15	none	Absent	Absent	N		N
	Sand	5	willow/gra	Absent	Absent	N		N
	unknown	15	none	Low	Absent	N		N
	Cobble	1	none	Low	Absent	N		N
	Cobble	1	willow	Low	Absent	Y	onmy juvy	N
	Cobble	2	willow,scu	Low	Absent	N		N
	Fines	40	ceratophyl	Medium	Absent	N		N
	Fines	15	oak	Low	Absent	N		N
	Fines	30	potomogiu	Medium	Absent	N	Jennycree	N
	Cobble	20	scurpus	Low	Absent	N	motherma	N
	Sand	15	trees	Low	Absent	N	Mallardco	N
	Fines	15	ceratophyl	Low	Absent	Y	Largescal	N
	Muck	30	grass	Low	Absent	N	Largescal	N
	cobble/gra	40	none	Absent	Absent	Y	Delu/chbr	N
	cobble/gra	40	none	Absent	Absent	N		N
	Sand/muc	3	ceratophyl	Medium	Absent	N	Sentinel	N
	unknown	5	none	Absent	Absent	N	Lonely	N
	sand	5	macrophyt	High	Absent	N	Narrows	N
	unknown	5	none	Absent	Absent	N	Springs	N
	Muck	15	none	Absent	Absent	N	House	N
	Muck	15	none	Absent	Absent	Y	net of	N
	Muck	20	none	Absent	Absent	N	osprey	N
	unknown	15	none	Absent	Absent	Y	Cove road	N
	Muck	10	none	Absent	Absent	Y	BLM	N
	sand/grav	2	none	Absent	Absent	Y	Boat ramp	N
	Fines	2	macrophyt	Low	Absent	Y	near	N
	Fines	2	macrophyt	Low	Absent	Y		N
	gravel	2	scurpus	Low	Absent	Y		N
	unknown	0.5	grass	Low	Absent	Y		N
	cobble	5	none	Absent	Absent	Y	lower	N
	cobble	5	macrophyt	Medium	Absent	Y	Perch!	N
	sand/grav	5	none	Absent	Absent	Y	Launch	N
	gravel/unk	10	leaves/de	Low	Absent	Y	bridge	N
	gravel/unk	10	leaves/de	Low	Absent	Y	bridge	N
	Muck	5	ferns/alga	Medium	Absent	Y	Pelican	N

Muck	5	ferns/filam	Medium	Absent	Y	Pelican	N
unknown	30	none	Absent	Absent	Y	Bridge at	N
unknown	5	scurpus	Low	Absent	Y	Weird	N
Muck	12	scurpus	High	Absent	N	Jen	N
Muck	15	ceratophyl	High	Absent	N	Jody'sboat	
gravel	15	willow	Low	Absent	Y	Net	N
unknown	20	willow	Low	Absent	Y	Lamprey	N
Muck	5	scurpus,c	Medium	Absent	Y	No flow	N
gravel	1	macrophyt	High	Absent	Y	Ethanol	N
gravel/cob	1	macrophyt	High	Absent	Y	Fall Creek	N
Fines	2	trees/gras	Low	Absent	Y	Trout	N
unknown	35	grass	Low	Absent	Y	Suckers	N
unknown	30	grass	Low	Absent	Y	Suckers	N
Muck	0.5	willows	Medium	Absent	N	nada	
gravel	5	none	Absent	Absent	Y	suckers	N
gravel	5	none	Absent	Absent	Y	suckers	N
sand/grav	2	scurpus	Low	Absent	Y		N
sand/grav	8	scurpus	Low	Absent	Y		N
unknown	35	none	Absent	Absent	Y		N
unknown	20	none	Absent	Absent	Y		N
gravel	5	macrophyt	Low	Absent	N		N
Muck	6	none	Absent	Low	N		N
Fines	2	none	Absent	Low	N		N
gravel/mix	12	none	Absent	Low	N		N
unknown	30	none	Absent	Low	N		N
unknown	30	none	Absent	Low	Y		N
Muck	0	juncus	Medium	Absent	Y		N
Muck	0	juncus	Medium	Absent	Y		N
Fines	0	grass	Low	Absent	Y		N
Fines	5	grass	Low	Absent	Y		N
boulder	0	unknown	Low	Absent	Y		N
boulder	5	unknown	Low	Absent	Y		N
cobble	0	scurpus	Medium	Absent	Y		N
cobble	5	scurpus	Medium	Absent	Y		N
unknown	20	none	Absent	Absent	Y		N
unknown	20	none	Absent	Absent	Y		N
Muck	30	macrophyt	Low	Absent	N		N
Muck	15	none	Absent	Absent	N		N
Muck/cob	0	none	Absent	Absent	Y		N
Muck/cob	4	none	Absent	Absent	Y		N
Muck	0	none	Absent	Absent	N		N
Muck	5	none	Absent	Absent	Y		N
Muck/cob	0	unknown	Low	Absent	Y		N
Muck/cob	5	unknown	Low	Absent	Y		N
unknown	20	none	Absent	Absent	N		N
unknown	20	none	Absent	Absent	N		N
Muck	15	unknown	Medium	Absent	N		N
Muck	15	none	Absent	Absent	Y	Sucker	N
Muck	0	unknown	Medium	Absent	N	Brads	N
Muck	7	unknown	Medium	Absent	Y		N
Muck/cob	0	none	Absent	Absent	N		N
Muck/grav	0	unknown	Low	Absent	N		N
Muck/grav	5	unknown	Low	Absent	Y		N

	unknown	15	none	Absent	Absent	N	No Flow	N
	Muck	3	unknown	Low	Absent	Y	Inlet at	
	muck/grav	2	p crispus	Low	Low	Y	Hwy 66	N
	Muck/grav	10	p crispus	Low	Low	Y	Hwy 66	N
	Muck	5	p crispus	Low	Low	Y	Hwy 66	N
	Muck	10	p crispus	Low	Low	Y	Hwy 66	N
	Muck	5	ceratophyl	Low	Absent	N	Boat ramp	N
	cobble/gra	15	potomogiu	Medium	Low	Y	Fry flats	N
	Muck	10	ceratophyl	Low	Low	Y	Fry flats	N
	sand/grav	10	ceratophyl	Low	Low	Y	Fry flats	N
	sand/grav	10	ceratophyl	High	Low	Y	Fry flats	N
	Muck	5	potomogiu	Medium	Low	Y	Sucker	N
	Muck	5	potomogiu	Medium	Low	Y	Sucker	N
	Muck	5	potomogiu	Medium	Low	Y	Sucker	N
	unknown	100	none	Absent	Low	N	Big Bass	N
	unknown	150	none	Absent	Low	N	Hobo	N
	Muck	1	potomogiu	Medium	Low	Y	Sucker	N
	Muck	12	ceratophyl	Medium	Absent	N	Upstream	N
	cobble/gra	2	bullrush	Low	Low	N	L of boat	N
	cobble/gra	5	none	Absent	Low	N	L of boat	N
	cobble/gra	5	none	Absent	Low	N	L of boat	N
	cobble/gra	2	bullrush	Medium	Low	Y	L of boat	N
	muck/clay	5	none	Absent	Low	N	Clay Cliffs	N
	muck/clay	2	none	Absent	Low	Y	Clay Cliffs	N
	Muck	2	bullrush	Medium	Low	Y	Glory Hole	N
	Muck	2	bullrush	Medium	Low	Y	Glory Hole	N
	gravel	5	chryseus	Low	Low	N	Golden	N
	gravel	5	chryseus	Low	Low	N	Golden	N
	gravel	5	chryseus	Low	Low	N	Golden	N
	Muck	15	none	Absent	Low	N	H2Oski	N
	Muck	8	unknown	Low	Low	N	Across	
	Fines	5	ceratophyl	High	Low	Y	Narrows	N
	Fines	2	ceratophyl	High	Low	N	Narrows	N
	Fines	2	ceratophyl	Low	Low	N		N
	Fines	5	ceratophyl	Medium	Low	N		N
	Muck	2	unknown	Medium	Absent	Y	Across	N
	Muck	5	unknown	Medium	Absent	N	Across	N
	Muck	8	unknown	Low	Low	N		N
	Fines	10	unknown	Low	Low	N	Oak	N
	Muck	5	ceratophyl	High	Low	N		N
	Muck	2	ceratophyl	High	Low	N		N
	Muck	5	ceratophyl	High	Low	N	Point of	N
	Muck	1	ceratophyl	High	Low	N	Point of	N
	Muck	3	ceratophyl	High	Low	N	Point of	N
	cobble	5	ceratophyl	High	Moderate	N	Across	N
	cobble	1	ceratophyl	High	Low	Y	Across	N
	cobble	1	ceratophyl	High	Low	N	Across	N
	cobble/sa	5	ceratophyl	High	Low	N		N
	cobble/sa	2	ceratophyl	High	Low	N		N
	cobble/sa	3	ceratophyl	High	Low	N		N
	Muck	1	ceratophyl	Medium	Low	N	Oak	N
	Muck	5	ceratophyl	Medium	Low	N	Oak	N
	Fines	5	none	Absent	Moderate	N	Beaver	N

	Fines	1	none	Absent	Moderate	N	Beaver	N
	Fines	3	unknown	Low	Moderate	N	Beaver	N
	Fines	5	unknown	Low	Low	Y	Mallard	N
	Fines	1	unknown	Low	Low	N	Mallard	N
	gravel/cob	5	unknown	Low	Moderate	Y	Straights	N
	gravel/cob	1	unknown	Low	Moderate	N	Straights	N
	gravel/cob	1	unknown	Low	Moderate	N	Straights	N
	gravel/cob	5	unknown	Low	Low	N	In shade	N
	gravel/cob	1	unknown	Low	Moderate	N	Thick	N
	gravel/cob	1	unknown	Low	Moderate	N	Thick	N
	cobble	1	unknown	Low	Moderate	N	Steep	N
	cobble	5	unknown	Low	Moderate	N	Steep	N
	gravel	1	unknown	Low	Low	N	Blue	N
	gravel/bou	5	unknown	Low	Absent	Y	BLM	N
	gravel/bou	1	none	Absent	Absent	N	BLM	N
	Fines	5	unknown	Low	Absent	N	Powerline	N
	Fines	1	unknown	Low	Absent	Y	Powerline	N
	Fines	1	unknown	Low	Absent	N	Powerline	N
	Muck	5	unknown	Low	Absent	Y	East of	N
	Muck	1	unknown	Low	Absent	N	East of	N
	Muck	1	unknown	Low	Absent	N	East of	N
	Fines	5	unknown	Low	Absent	Y	N of Cliffs	N
	Fines	1	unknown	Low	Absent	Y	N of Cliffs	N
	Fines	1	unknown	Low	Absent	Y	N of Cliffs	N
	Muck	3	unknown	Low	Absent	N	S of Cliffs	N
	Muck	1	unknown	Low	Absent	Y	S of Cliffs	N
	unknown	30	none	Absent	Low	N	River L	N
	Muck	200	elodea	High	Low	N	Across	N
	Muck	200	elodea	High	Low	N	Across	N
	Muck	200	elodea	High	Low	N	Across	N
	Muck	200	elodea	High	Low	N	Across	N
	Muck/grav	2	ceratophyl	Low	Low	N	Sucker	N
	Muck	40	unknown	High	Low	N	100 yds	N
	Muck	40	unknown	High	Low	N	100 yds	N
	Muck	40	unknown	High	Low	N	100 yds	N
	Muck	40	unknown	High	Low	N	100 yds	N
	Muck/grav	2	ceratophyl	Low	Low	N	Sucker	N
	Muck	5	ceratophyl	Low	Low	N	Sucker	N
	Muck	5	ceratophyl	Low	Low	N	Sucker	N
	Muck	5	ceratophyl	Low	Low	N	Sucker	N
	gravel	1	unknown	Medium	Low	N	RR mouth	N
	gravel	1	unknown	Medium	Low	N	RR mouth	N
	gravel	1	unknown	Medium	Low	N	RR mouth	N
	cobble	1	unknown	Low	Low	N	RL across	N
	cobble	1	unknown	Low	Low	N	RL across	N
	cobble	1	unknown	Low	Low	N	RL across	N
	gravel	1	unknown	Absent	Low	N	N of Boat	N
	gravel	1	unknown	Low	Low	N	N of Boat	N
	sand/boul	5	aphani.gre	Low	Low	N	Boat	N
	sand/boul	5	aphani.gre	Low	Low	N	Boat	N
	sand/boul	5	aphani.gre	Low	Low	N	Boat	N
	sand/boul	5	aphani.gre	Low	Low	N	Boat	N
	gravel/cob	5	aphani.gre	Absent	Low	N	Boat	N

	Fines	0	mixed	Medium	Moderate	N	Beaver	N
	Fines	0	mixed	Medium	Moderate	N	Beaver	N
	Fines	0	mixed	Medium	Moderate	N	Beaver	N
	Fines	0	mixed	Medium	Moderate	N	Beaver	N
	Fines	0	mixed	Medium	Moderate	N	Beaver	N
	Fines	0	mixed	Medium	Moderate	N	Beaver	N
	cobble	2	mixed	Low	Moderate	N	E Beaver	N
	cobble	2	mixed	Low	Moderate	N	E Beaver	N
	cobble	2	mixed	Low	Moderate	N	E Beaver	N
	cobble	2	mixed	Medium	Low	N	E Beaver	N
	sand/boul	2	mixed	Low	Low	N	1/4 mile	N
	sand/boul	2	mixed	Low	Low	N	1/4 mile	N
	sand/boul	2	mixed	Low	Low	N	1/4 mile	N
	sand/boul	2	mixed	Low	Low	N	1/4 mile	N
	sand/boul	2	mixed	Low	Low	N	1/4 mile	N
	sand/boul	4	none	Low	Low	N	Across	N
	sand/boul	4	none	Low	Low	N	Across	N
	sand/boul	4	none	Low	Low	N	Across	N
	sand/boul	4	none	Low	Low	N	Across	N
	sand/boul	4	none	Absent	Low	N	Across	N
	sand/cobb	2	mixed	High	High	N	Across	N
	sand/cobb	2	mixed	High	High	N	Across	N
	sand/cobb	2	mixed	High	High	N	Across	N
	sand/cobb	2	mixed	High	High	N	Across	N
	sand/cobb	2	mixed	High	High	N	Across	N
	sand/cobb	5	mixed	High	High	N	North of	N
	sand/cobb	5	mixed	High	High	N	North of	N
	sand/cobb	5	mixed	High	High	N	North of	N
	sand	5	mixed	Medium	High	N	North of	N
	sand	5	mixed	Medium	High	N	North of	N
	sand	5	mixed	Medium	High	N	North of	N
	sand	5	mixed	Medium	High	N	North of	N
	sand	5	slime	Medium	High	N	North of	N
	unknown	3	unknown	Medium	High	N	Across	N
	unknown	3	unknown	Medium	High	N	Across	N
	unknown	3	unknown	Medium	High	N	Across	N
	Muck	3	mixed	High	High	N	Sentinal	N
	Muck	3	mixed	High	High	N	Sentinal	N
	Muck	3	mixed	High	High	N	Sentinal	N
	unknown	5	mixed	Medium	High	N	Acroos at	N
	unknown	5	mixed	Medium	High	N	Acroos at	N
	sand/boul	5	grass/stra	Low	High	N	Wanaka	N
	sand/boul	5	grass/stra	Low	High	N	Wanaka	N
	sand/boul	5	grass/stra	Low	High	N	Wanaka	N
	Muck	20	scarpus	High	High	N	Outside	N
	Muck	20	scarpus	High	High	N	Outside	N
	gravel	10	none	Absent	High	N	Inside	N
	gravel	10	none	Absent	High	N	Inside	N
	gravel	10	none	Absent	High	N	Inside	N
	Muck	20	mixed	High	High	N	Pelican	N
	Muck	20	mixed	High	High	N	Pelican	N
	Muck	20	mixed	High	High	N	Pelican	N
	Muck	5	scarpus	High	High	N	Along	N

	Muck	15	mixed	High	Moderate	N	Oak	N
	Muck	15	mixed	High	Moderate	N	Oak	N
	Unknown	50	none	none	Low	N	Upper	
	Unknown	50	none	none	Low	N	Upper	
	Unknown	50	none	none	Low	N	Upper-	
	Unknown	50	none	none	Low	N	Upper-	
	Unknown	3	none	none	Low	N	Ramp	
	Unknown	3	none	none	Low	N	Ramp	
	Unknown	3	mixed	Low	Low	N	Ramp	
	Unknown	1	mixed	Low	Low	N	Ramp	
	Unknown	1	mixed	Low	Low	N	Ramp	
	Unknown	4	mixed	Low	Low	N	Ramp	
	Unknown	2	mixed	Low	Low	N	Ramp	
	Unknown	2	mixed	Low	Low	N	Ramp	
	Unknown	2	mixed	Low	Low	N	Ramp	
	Unknown	7	mixed	Low	Low	N	Ramp	
	Unknown	10	mixed	Low	Low	N	Ramp	
	Unknown	15	mixed	Low	Low	N	Ramp	
	Unknown	15	mixed	Low	Low	N	Ramp	
	Unknown	9	mixed	Low	Low	N	Ramp	
	Unknown	6	mixed	Low	Low	N	Ramp	
	Unknown	5	mixed	Low	Low	N	Ramp	
	Unknown	50	unknown	Low	Low	N	Middle	
	Unknown	50	unknown	Low	Low	N	Middle	
	Muck	20	mixed	Medium	Low	N	River left	N42.08.26
	Muck/grav	14	none	Low	Low	N	River left	N42.08.25
	Muck	10	none	Low	Low	N	Submerge	N42.08.51
	Muck	4	mixed	Medium	Low	N	Submerge	N42.08.52
	gravel	5	mixed	Low	Low	N	Sucker	N42.08.89
	gravel/san	2	none	Low	Low	N	Along	N42.08.96
	gravel/san	2	none	Low	Low	N	Sucker	N42.08.89
	gravel/san	2	none	Low	Low	N	Sucker	N42.08.89
	gravel/san	4	none	Low	Low	N	Sucker	N42.08.89
	gravel/san	5	none	Low	Low	N	Sucker	N42.08.89
	gravel/san	4	none	Low	Low	N	Sucker	N42.08.89
	gravel/san	3	none	Low	Low	N	Sucker	N42.08.89
	gravel/san	4	none	Low	Low	N	Sucker	N42.08.89
	gravel/san	5	none	Low	Low	N	Sucker	N42.08.89
	gravel/san	2	none	Low	Low	N	Sucker	N42.08.89
	gravel/san	3	none	Low	Low	N	Submerge	N42.08.51
	gravel/san	4	none	Low	Low	N	Submerge	N42.08.51
	gravel/san	5	none	Low	Low	N	Submerge	N42.08.51
	gravel/san	3	none	Low	Low	N	Submerge	N42.08.51
	gravel/san	6	none	Low	Low	N	Submerge	N42.08.51
	gravel/san	10	none	Low	Low	N	Submerge	N42.08.51
	gravel/san	11	none	Low	Low	N	Drifting	N42.08.93
	gravel/san	6	none	Low	Low	N	Drifting	N42.08.93
	gravel/san	7	none	Low	Low	N	Drifting	N42.08.93
	gravel/san	10	none	Low	Low	N	Mouth of	N42.08.93
	gravel/san	6	none	Low	Low	N	Mouth of	N42.08.93
	unknown	6	none	Low	Low	N	Mouth of	N42.08.93
	unknown	8	none	Low	Low	N	Mouth of	N42.08.93
	unknown	9	none	Low	Low	N	Mouth of	N42.08.93

	unknown	2	none	Low	Low	N	Mouth of	N42.08.93
	unknown	2	none	Low	Low	N	Drifting	N42.08.93
	unknown	10	none	Low	Low	N	Drifting	N42.08.93
	unknown	10	none	Low	Low	N	Drifting	N42.08.93
	unknown	11	none	Low	Low	N	Drifting	N42.08.93
	unknown	11	none	Low	Low	N	Drifting	N42.08.93
	unknown	12	none	Low	Low	N	Drifting	N42.08.93
	unknown	12	none	Low	Low	N	Mouth of	N42.08.93
	unknown	12	none	Low	Low	N	Mouth of	N42.08.93
	unknown	10	none	Low	Low	N	Mouth of	N42.08.93
	gravel/san	2	none	Low	Low	N	Mouth of	N42.08.93
	Unknown	15	unknown	Medium	Low	N	Main	
	Unknown	15	unknown	Low	Low	N	Main	
	Unknown	5	none	none	Low	N	Sucker	N42.08.89
	Unknown	15	none	none	Low	N	Across	N42.08.00
	Unknown	10	ceratophyl	Low	Low	N	South of	N42.07.87
	Sand	5	mixed	Low	Low	N	Cave on	N42.07.77
	Unknown	5	Duckweed	Low	Low	N	Cave on	N42.07.77
	Unknown	2	none	none	Low	N	South of	N42.07.87
	Unknown	20	none	none	Low	N	Across	N42.08.00
	gravel	5	none	none	Low	N	Top of	N42.07.97
	gravel	5	none	none	Low	N	Top of	N42.07.97
	gravel	5	none	none	Low	N	Top of	N42.07.97
	gravel	5	mixed	Low	Low	N	Top of	N42.07.97
	gravel	5	mixed	Low	Low	N	Top of	N42.07.97
	gravel	5	mixed	Low	Low	N	Across	N42.08.03
	gravel	5	mixed	Low	Low	N	Across	N42.08.03
	gravel	5	mixed	Low	Low	N	Across	N42.08.03
	gravel	5	mixed	Low	Low	N	Across	N42.08.03
	gravel	5	mixed	High	Low	N	At Pioneer	N42.08.03
	gravel	5	mixed	High	Low	N	At Pioneer	N42.08.03
	gravel	5	mixed	High	Low	N	At Pioneer	N42.08.03
	gravel	5	mixed	High	Low	N	At Pioneer	N42.08.03
	gravel	5	mixed	High	Low	N	At Pioneer	N42.08.03
	unknown	5	mixed	High	Low	N	Narrows	N42.07.93
	unknown	5	mixed	High	Low	N	Narrows	N42.07.93
	muck/grav	5	mixed	Low	Low	N	Beach	N42.07.68
	muck/grav	5	mixed	Low	Low	N	Beach	N42.07.68
	muck/grav	5	mixed	Low	Low	N	Beach	N42.07.68
	muck/grav	5	mixed	Low	Low	N	Beach	N42.07.68
	unknown	4	mixed	Low	Low	N	Beach	N42.07.68
	unknown	4	mixed	Low	Low	N	Beach	N42.07.68
	unknown	4	mixed	Low	Low	N	Beach	N42.07.68
	unknown	4	mixed	Low	Low	N	Beach	N42.07.68
	unknown	4	mixed	Low	Low	N	Beach	N42.07.68
	unknown	4	mixed	Low	Low	N	Beach	N42.07.68
	unknown	4	mixed	Low	Low	N	Beach	N42.07.68
	sand	2	mixed	Low	Low	N	South side	N42.07.69
	sand	2	mixed	Low	Low	N	South side	N42.07.69
	sand	2	mixed	Low	Low	N	South side	N42.07.69
	sand	2	mixed	Medium	Low	N	South side	N42.07.69
	sand	2	mixed	Medium	Low	N	South side	N42.07.69
	sand	2	mixed	Medium	Low	N	South side	N42.07.69
	sand	2	mixed	Medium	Low	N	South side	N42.07.69

	sand	2	mixed	Low	Low	N	South side	N42.07.69
	sand	2	mixed	Low	Low	N	South side	N42.07.69
	sand	2	mixed	Low	Low	N	South side	N42.07.69
	Muck	5	duckweed	High	Low	N	Cove	N42.07.36
	Muck	5	duckweed	High	Low	N	Cove	N42.07.36
	Muck	5	duckweed	High	Low	N	Cove	N42.07.36
	Muck	5	duckweed	High	Low	N	Cove	N42.07.36
	Muck	5	duckweed	High	Low	N	Cove	N42.07.36
	unknown	20	duckweed	High	Low	N	BLM cove	N42.07.36
	unknown	20	duckweed	High	Low	N	BLM cove	N42.07.36
	Muck	30	none	Low	High	N	West of	N41.58.66
	Muck	15	mixed	High	High	N	Golden	N41.58.51
	Muck	50	mixed	High	High	N	Golden	N41.58.47
	gravel	25	none	Low	High	N	Beaver	N41.59.61
	unknown	15	none	Low	Low	N	Beaver	N41.59.61
	unknown	5	mixed	Low	Low	N	Golden	N41.58.51
	unknown	5	mixed	Low	Low	N	Golden	N41.58.51
	unknown	5	mixed	Low	Low	N	Golden	N41.58.51
	unknown	5	mixed	Low	Low	N	Golden	N41.58.51
	unknown	5	mixed	Low	Low	N	Golden	N41.58.51
	unknown	6	none	Low	Low	N	Beaver	N41.59.61
	unknown	6	none	Low	Low	N	Beaver	N41.59.61
	unknown	6	none	Low	Low	N	Beaver	N41.59.61
	unknown	6	none	Low	Low	N	Beaver	N41.59.61
	unknown	6	none	Low	Low	N	Beaver	N41.59.61
	unknown	20	mixed	Low	High	N	Jenny	N
	unknown	35	none	Low	High	N	Across	N41.58.22
	gravel	10	none	Low	High	N	Inflow Fall	N41.58.22
	Muck	9	none	Low	Low	N	Across	N41.58.22
	gravel	15	none	Low	Low	N	Narrows	N41.58.03
	gravel/fine	10	mixed	High	Low	N	Near	N41.58.19
	gravel/san	30	mixed	High	Medium	N	Jenny	
	gravel/san	30	mixed	High	Medium	N	Jenny	
	unknown	5	none	Low	Low	N	Inflow of	N41.58.22
	unknown	8	none	Low	Low	N	Inflow of	N41.58.22
	gravel	2	none	Low	High	N	Jenny	N
	gravel	2	none	Low	High	N	Jenny	
	gravel	2	none	Low	High	N	Jenny	
	gravel	2	none	Low	High	N	Jenny	
	gravel	2	none	Low	High	N	Jenny	
	unknown	3	none	Low	Low	N	Acrossfro	N41.58.22
	unknown	3	none	Low	Low	N	Acrossfro	N41.58.22
	unknown	3	none	Low	Low	N	Acrossfro	N41.58.22
	unknown	3	none	Low	Low	N	Acrossfro	N41.58.22
	unknown	3	none	Low	Low	N	Acrossfro	N41.58.22
	gravel	10	none	Low	Low	N	Middle of	
	gravel	10	none	Low	Low	N	Middle of	
	gravel/bou	15	filamentou	High	Low	N	Spencer	N42.08.97
	gravel/bou	30	mixed	High	Low	N	Sucker	N42.08.89
	unknown	20	mixed	High	Low	N	Bridge at	N42.08.09

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