

**APPENDIX K: WHANESS TIMED ELECTROFISHING SURVEY RESULTS,
2007 - 2009. EASTINGS AND NORTHINGS RELATE TO NATIONAL GRID
SQUARE HY.**

ELECTROFISHING RECORDING SHEET – GENERAL SURVEY

Date:	30/9/07	Burn:	Whaness
Time	-	Site code:	WN-T1A
Easting:	24513	Access/Permission:	
Northing:	01289	Water temp (degC)	8.8
Site widths	0.8	Conductivity (µS/cm)	233
	0.8	Other species	-
	0.5	Site notes	Fishing duration = 10mins. .
	0.8		
	0.9		
	2.1		
	1.3		
	1.1		
Length	44		

No.	Length	Weight	Smolt stage	Notes
1	203			M
2	150			
3	110			
4	91			
5	99			
6	88			
7	101			
8	45			
9	41			
10	54			
11	68			
12	46			
13	45			
14	47			

ELECTROFISHING RECORDING SHEET – GENERAL SURVEY

Date:	30/9/07	Burn:	Whaness
Time	-	Site code:	WN-T1
Easting:	24603	Access/Permission:	
Northing:	01591	Water temp (degC)	8.7
Site widths	2.4	Conductivity (µS/cm)	222
	1.0	Other species	-
	2.1	Site notes	Fishing duration = 10mins. .
	1.3		
	1.9		
	2.1		
	2.2		
	1.7		
	2.1		
Length	38		

No.	Length	Weight	Smolt stage	Notes
1	132			
2	140			
3	158			
4	122			
5	104			
6	90			
7	70			
8	80			
9	75			
10	90			
11	88			
12	52			
13	43			
14	42			
15	40			
16	50			
17	42			
18	39			
19	41			
20	115			

ELECTROFISHING RECORDING SHEET – GENERAL SURVEY

Date:	30/9/07	Burn:	Whaness	
Time	-	Site code:	WN-T3	
Easting:	24614	Access/Permission:		
Northing:	02130	Water temp (degC)	8.6	
Site widths	1.6	Conductivity (µS/cm)	246	
	2.5	Other species	-	
	2.2	Site notes	Fishing duration = 10mins. .	
	1.2			
	2.0			
Length	29			
No.	Length	Weight	Smolt stage	Notes
1	164			M
2	202			
3	156			
4	152			
5	135			
6	96			
7	122			
8	104			
9	87			
10	61			
11	56			
12	50			
13	44			
14	42			
15	43			

ELECTROFISHING RECORDING SHEET – GENERAL SURVEY

Date:	30/9/07	Burn:	Whaness
Time	-	Site code:	WN-T4
Easting:	24500	Access/Permission:	
Northing:	02800	Water temp (degC)	8.5
Site widths	3.8	Conductivity (µS/cm)	1800 (seawater ingress)
	4.0	Other species	-
	3.5	Site notes	Fishing duration = 10mins. .
	4.1		
	2.3		
	3.4		
Length	39		

No.	Length	Weight	Smolt stage	Notes
1	124			M, bs
2	125			Bs
3	69			
4	106			Bs
5	86			
6	71			Bs
7	70			Bs
8	69			
9	61			
10	58			Bs
11	49			
12	65			Bs
13	63			Bs
14	76			Bs
15	78			
16	76			Bs
17	78			Bs
18	69			Bs
19	64			Bs
20	61			bs

ELECTROFISHING RECORDING SHEET – GENERAL SURVEY

Date:	11/10/08	Burn:	Whaness	
Time	13:00	Site code:	WN-T1A	
Easting:	24513	Access/Permission:		
Northing:	01289	Water temp (degC)		
Site widths	1.0	Conductivity (µS/cm)		
	2.1	Other species	-	
	1.6	Site notes	Fishing duration = 12 mins. Site just upstream of the confluence of two branches, on the Dwarfie Stance branch.	
	1.2			
	0.7			
	0.8			
	1.2			
	1.2			
	2.3			
	2.1			
Length	60m			
No.	Length	Weight	Smolt stage	Notes
1	197			M (no milt visible)
2	175			M
3	119			M
4	131			Clean, silvery, possible smolt?
5	100			
6	52			
7	46			
8	122			Killed, Female, 2 x egg strings, ~2cm long, eggs ≤ 1mm.
9	118			
10	80			
11	88			
12	70			
13	75			
14	71			
15	77			
16	45			
17	44			
18	40			
19	37			
20	33			
21	34			
22	50			

ELECTROFISHING RECORDING SHEET – GENERAL SURVEY

Date:	11/10/08	Burn:	Whaness
Time	12:00	Site code:	WN-T1
Easting:	24603	Access/Permission:	
Northing:	01591	Water temp (degC)	
Site widths	2.4	Conductivity (µS/cm)	
	3.0	Other species	-
	1.3	Site notes	Fishing duration = 15mins. Site same as WN1.
	2.1		
	2.0		
	1.6		
	2.2		
	2.2		
	1.7		
	1.5		
Length	60m		

	Length	Weight	Smolt stage	Notes
1	335			M, Sea trout finnock, clean, no lice, bs
2	128			
3	109			
4	108			
5	112			
6	76			
7	85			
8	116			
9	102			
10	104			
11	93			
12	85			
13	76			
14	52			
15	120			M
16	79			
17	77			
18	44			
19	46			
20	47			
21	46			

ELECTROFISHING RECORDING SHEET – GENERAL SURVEY

Date:	11/10/08	Burn:	Whaness
Time	11:00	Site code:	WN-T3
Easting:	24614	Access/Permission:	
Northing:	02130	Water temp (degC)	
Site widths	2.2	Conductivity (µS/cm)	
	2.0	Other species	-
	2.4	Site notes	Fishing duration = 10mins. Site a little further upstream of site fished in 2007, and includes a big pool on a sharp bend which leads up to some impassable trees
	2.5		
	1.4		
	1.0		
	3.0		
	1.9		
Length	36		

No.	Length	Weight	Smolt stage	Notes
1	173			M
2	123			
3	52			
4	48			
5	78			
6	125			
7	96			
8	116			
9	92			
10	112			
11	97			
12	105			
13	85			
14	87			
15	89			
16	48			
17	54			
18	53			
19	57			

ELECTROFISHING RECORDING SHEET – GENERAL SURVEY

Date:	11/10/08	Burn:	Whaness
Time	14:30	Site code:	WN-T4
Easting:	24500	Access/Permission:	
Northing:	02800	Water temp (degC)	
Site widths	3.6	Conductivity (µS/cm)	
	3.7	Other species	Flounder
	3.8	Site notes	Fishing duration = 10mins. Site same as for smolt survey, starting at waterfall, but only getting 34m further upstream.
	4.8		
	3.7		
	3.0		
	3.9		
Length	34		

No.	Length	Weight	Smolt stage	Notes
1	205			M, finnock? No bs, quite silver
2	191			M
3	131			
4	113			Bs
5	71			Bs
6	65			Bs
7	118			Bs
8	116			Bs
9	113			Bs
10	122			Bs
11	104			Bs
12	110			Bs
13	93			Bs
14	73			Bs
15	74			Bs
16	73			Bs
17	60			Bs
18	74			Bs
19	116			Bs
20	123			
21	115			Bs
22	110			Bs
23	104			Bs
24	103			Bs, silver flecks on pelvic fins.
25	105			Bs
26	95			Bs
27	91			Bs
28	63			Bs
29	68			Bs
30	70			Bs
31	72			Bs
32	69			
33	81			Bs
34	77			Bs
35	74			
36	79			Bs
37	70			Bs
38	70			Bs
39	68			Bs
40	60			Bs
41	56			
42	57			Bs

ELECTROFISHING RECORDING SHEET – GENERAL SURVEY

Date:	10/11/09	Burn:	Whaness
Time	11:00	Site code:	WN-T1A
Easting:	24513	Access/Permission:	
Northing:	01289	Water temp (degC)	
Site widths	0.8	Conductivity (µS/cm)	
	0.8	Other species	-
	1.1	Site notes	Fishing duration = 14 mins. Site started just below confluence of two branches and proceeded up Dwarfie Stance branch. Water medium, clear.
	2.1		
	2.3		
	2.0		
	1.6		
	1.1		
Length	43		

No.	Length	Weight	Smolt stage	Notes
1	171	61		imm, smolty
2	156	40.8		M
3	111	14.1		imm
4	92	7.7		
5	79	5.5		
6	84	6.2		
7	78			
8	79			
9	67	3.7		
10	37	0.5		
11	39	0.6		
12	54	1.4		
13	54	1.6		
14	47	0.9		
15	47	0.8		
16	42	0.6		
17	41	0.6		
18	39	0.6		
19	43	0.9		
20	59			
21	33			
22	46			
23	41			
24	40			
25	52			
26	37			
27	38			
28	43			

ELECTROFISHING RECORDING SHEET – GENERAL SURVEY

Date:	10/11/09	Burn:	Whaness
Time	12:00	Site code:	WN-T1
Easting:	24603	Access/Permission:	
Northing:	01591	Water temp (degC)	
Site widths	2.1	Conductivity (µS/cm)	
	1.6	Other species	-
	1.2	Site notes	Water medium, clear. Site corresponds to WN1. Big red at u/s end of site, about 1.5m long, by 1m wide. Nice clean gravel and big hole u/s with sharply cut edges. Took photos.
	1.8		
	1.9		
	2.1		
	2.2		
	2.1		
1.7			
Length	52		

No.	Length	Weight	Smolt stage	Notes
1	230	123		finnock, M
2	175	59.6		imm, smolty
3	146	33.1		M, bs
4	140	28.9		M
5	141	29.1		M
6	121	20.5		imm
7	135	29.6		M, bs
8	153	38.2		imm, smolty
9	90	8.6		
10	78	4.6		
11	59	2.3		
12	55	1.6		
13	52	1.4		
14	55	1.7		
15	50	1.3		
16	40	0.7		
17	52	1.6		
18	48	1.2		
19	47	1.1		
20	42	0.9		
21	42	0.7		

ELECTROFISHING RECORDING SHEET – GENERAL SURVEY

Date:	10/11/09	Burn:	Whaness
Time	13:30	Site code:	WN-T3
Easting:	24614	Access/Permission:	
Northing:	02130	Water temp (degC)	
Site widths	2.8	Conductivity (µS/cm)	
	2.4	Other species	-
	2.1	Site notes	13 minutes. Water medium, clear. Didn't quite get to bend in burn, stopped at small waterfall just d/s.
	1.6		
	1.5		
	1.7		
	1.7		
Length	29		

No.	Length	Weight	Smolt stage	Notes
1	126	21.4		imm
2	133	25.8		imm
3	99	10.3		
4	109	13.5		
5	94	8.2		
6	68	2.9		
7	54	1.5		
8	59	2		
9	55	1.6		
10	51	1.3		
11	55	1.7		
12	77	5		
13	57	1.9		
14	59	2		
15	51	1.1		
16	53	1.5		
17	48	1.1		
18	57	1.8		
19	37	0.5		

ELECTROFISHING RECORDING SHEET – GENERAL SURVEY

Date:	10/11/09	Burn:	Whaness
Time	14:30	Site code:	WN-T4
Easting:	24500	Access/Permission:	
Northing:	02800	Water temp (degC)	
Site widths	4.3	Conductivity (µS/cm)	
	3.6	Other species	Flounder
	2.9	Site notes	Fished for 15 minutes. Water medium, clear. Fished from just d/s of water fall up to first bend, just at riffle before burn starts to deepen up to first bushes.
	4.3		
	5.3		
	2.5		
Length	25m		

No.	Length	Weight	Smolt stage	Notes
1	156	42.1		imm, smolty, bs
2	134	25.6		imm, bs
3	131	25.2		imm, bs
4	120	18.6		imm, smolty
5	123	20.7		bs
6	115	16.7		imm, bs
7	127	21.3		imm, smolty, bs
8	119	18.2		imm, bs
9	106	12.6		imm
10	122	20.9		imm, bs
11	71	3.3		bs
12	74	4.1		bs
13	79	5.4		bs
14	65	3		bs
15	50	1.3		bs
16	70	3.8		bs
17	73	4.3		bs
18	60	2.3		bs
19	66	3		bs
20	73	3.8		bs
21	37	0.6		bs
22	66	3		bs
23	68	3.3		bs
24	35	0.3		
25	72			bs
26	58			
27	70			bs
28	60			bs
29	60			bs
30	50			bs