



OREGON DEPARTMENT OF FISH AND WILDLIFE

BIG TOM FOLLEY CREEK PRE-TX (U-184)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

1/28/03

REACH		T22S-R07W-S02NW					REACH					
Habitat Type	Number Units	HABITAT DETAIL					Substrate					
		Total	Avg	Avg	Total	Large	Percent Wetted Area					
		Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Boulders (#>0.5m)	S/O	Snd	Grvl	Cbl	Bldr	Bdrk
CASCADE/BEDROCK	1	14	5.0	0.15	70	0	0	0	0	0	0	100
CASCADE/BOULDERS	1	25	7.5	0.60	188	0	5	11	16	37	26	5
CULVERT CROSSING	1	19	2.7	0.50	51	0	0	0	20	0	0	80
POOL-BACKWATER	2	17	5.5	0.50	98	0	16	14	0	6	8	57
POOL-LATERAL SCOUR	8	171	10.9	0.91	1,923	0	11	12	14	8	7	46
POOL-PLUNGE	2	16	6.5	0.85	102	0	3	22	8	30	14	24
POOL-STRAIGHT SCOUR	3	49	12.0	0.75	590	0	6	6	7	4	6	71
RAPID/BEDROCK	1	25	12.0	0.40	300	0	5	0	5	5	19	67
RAPID/BOULDERS	8	161	10.6	0.50	1,734	0	7	9	16	28	22	19
RIFFLE	3	66	11.3	0.42	756	0	9	9	22	17	27	16
STEP/BEDROCK	3	21	6.2	0.20	131	0	0	0	0	0	3	97
STEP/COBBLE	1	2	14.0	0.20	28	0	10	10	30	20	30	0
<b>Total:</b>	<b>34</b>	<b>585</b>	<b>9.6</b>	<b>0.59</b>	<b>5,970</b>	<b>0</b>	<b>Avg 7</b>	<b>9</b>	<b>12</b>	<b>14</b>	<b>14</b>	<b>44</b>

HABITAT SUMMARY								
Habitat Group	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Wetted Area		Large Boulders	
					(m <sup>2</sup> )	Percent	Number	(# / 100m <sup>2</sup> )
Dammed & BW Pools	2	17	5.5	0.50	98	1.63%	0	0.0
Scour Pools	13	236	10.5	0.87	2,615	43.80%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	3	66	11.3	0.42	756	12.66%	0	0.0
Rapids	9	186	10.7	0.49	2,034	34.08%	0	0.0
Cascades	2	39	6.3	0.38	258	4.31%	0	0.0
Step/Falls	4	23	8.1	0.20	159	2.66%	0	0.0
Dry	0	0			0	0.00%	0	0.0
Culverts	1	19	2.7	0.50	51	0.86%	0	0.0

POOL SUMMARY

	<u>Total</u>	<u># / Km</u>
All Pools:	15	28.7
Pools >=1m deep:	2	3.8
Complex pools (LWD pieces>=3):	3	5.7
Pool frequency (channel widths/pool):	3.7	
Residual pool depth (avg):	0.48	

**STREAM SUMMARY**

**BIG TOM FOLLEY CREEK PRE-TX (U-184)**

Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m <sup>2</sup> )	Substrate Percent Wetted Area						Large Boulders (#>0.5m)
					S/O	Snd	Grvl	Cbl	Bldr	Bdrk	
34	585	9.6	0.59	5,970	7	9	12	14	14	44	

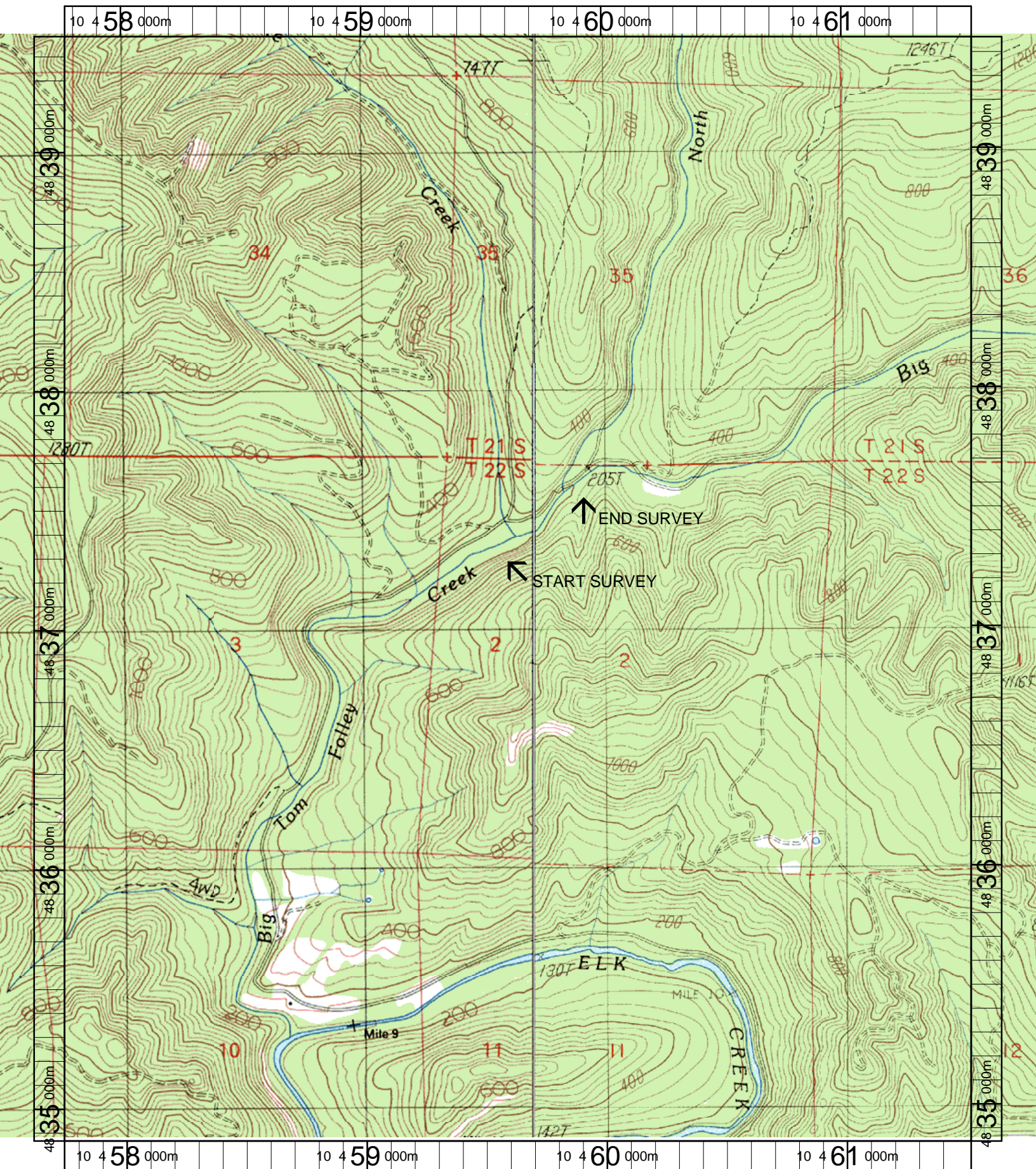
Habitat Group	Wetted Area	
	(m <sup>2</sup> )	Percent
Dammed & BW Pools	98	1.63%
Scour Pools	2,615	43.80%
Glides	0	0.00%
Riffles	756	12.66%
Rapids	2,034	34.08%
Cascades	258	4.31%
Step/Falls	159	2.66%
Dry	0	0.00%
Culverts	51	0.86%

# Comment Summary

## Restoration Monitoring Sites 2003

**MONITORING AREA: 4-UMP SITE ID: 184 BIG TOM FOLLEY CREEK PRE-TX (U-184)**

<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
1	RB	00	27		ORANGE FLAG	
3	SP	00	71.9		T=9C	
5	LP	01	126.1	TJ/		
6	CR	11	126.1		PINK FLAG, 10% FLOW, A	
7	RB	00	152.1		T=9C, HS #2	
9	BW	10	152.1		OLD ORANGE FLAG	
10	SR	00	163.1		Y/W FLAG HS #3	
13	RB	00	204.1		Y/W FLAG HS#4	
15	RI	00	245.2		Y/W FLAG, HS #5	
19	LP	00	331.4		Y/W FLAH HS #6	
20	SC	00	333.4		H=.3	
23	RB	00	383.9	SS/		
24	LP	01	415.9	CS/SS	Y/W FLAG HS #8	
25	RB	01	427.2	TJ/		
26	LP	11	427.2	CS/	25% FLOW, T=9.5C	
27	CC	11	427.2		PIPE ARCH	
28	SR	00	433.2		H=.3M	
29	RB	00	453.1		T=9C	
31	SR	00	464.1		H=.2M	



Name: ELKTON  
 Date: 6/11/2003  
 Scale: 1 inch equals 1666 feet

Location: 10 459636 E 4837168 N  
 Caption: BIG TOM FOLLEY CREEK RESTORATION SITE - UMPQUA BASIN