

**REACH**

**T32S-R13W-S10SW**

**REACH**

**Valley and Channel Summary**

Valley Characteristics (Percent Reach Length)

<u>Narrow Valley Floor</u>		<u>Broad Valley Floor</u>	
Steep V-shape	0%	Constraining Terraces	0%
Moderate V-shape	0%	Multiple Terraces	100%
Open V-shape	0%	Wide Floodplain	0%
Valley Width Index	5.4	VWI Range:	4 - 9.5

Channel Morphology (Percent Reach Length)

<u>Constrained</u>		<u>Unconstrained</u>	
Hillslope	0%	Single Channel	0%
Bedrock	0%	Multiple Channel	0%
Terrace	100%	Braided Channel	0%
Alt. Terrace/Hill	0%		
Landuse	0%		

Channel Characteristics

<u>Type</u>	<u>Length (m)</u>	<u>Area (m2)</u>	<u>Dry Units</u>
Primary	502	1,788	0
Secondary	41	90	1

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	3.3	Width	7.3	23.9	26.6
Depth	0.28	Height	0.6	1.1	1.7
		W:D ratio	13.8	Entrenchment	3.6

Stream Flow Type:	LF	Water temp (C):	8.7 - 8.7
Avg. Unit Gradient:	1.9%	Habitat Units/100m:	7.2

**Riparian, Bank, and Wood Summary**

	<u>Primary</u>	<u>Secondary</u>
Land Use:	TH	LT
Riparian Vegetation:	D15	S

Bank Condition and Shade

<u>Bank Status</u>	<u>Percent Reach Length</u>	<u>Shade (% of 180)</u>
Actively Eroding:		Reach avg:
Undercut Banks:		Range: -

Large Wood Debris

	<u>Total</u>	<u>Total / 100m</u>
All pieces (>=3m x 0.15m):	71	14.1
Volume (m <sup>3</sup> ):	59	11.7
Key pieces (>=10m x 0.60m):	4	0.8

OREGON DEPARTMENT OF FISH AND WILDLIFE SIXES RIVER UNNAMED TRIB PRE-TX (S-192)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

3/4/03

REACH		T32S-R13W-S10SW						REACH					
HABITAT DETAIL													
Habitat Type	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m <sup>2</sup> )	Large Boulders (#>0.5m)	Substrate						
							Percent Wetted Area						
							S/O	Snd	Grvl	Cbl	Bldr	Bdrk	
DRY UNIT	1	11	5.5	0.00	62	0	95	0	5	0	0	0	
POOL-LATERAL SCOUR	10	92	3.3	0.59	309	0	6	16	38	22	1	18	
POOL-PLUNGE	2	15	4.4	0.75	63	0	0	10	21	21	0	48	
RAPID/BOULDERS	5	50	2.3	0.09	131	0	9	7	51	31	1	1	
RIFFLE	16	374	3.4	0.12	1,307	0	3	9	49	36	2	1	
STEP/COBBLE	2	2	3.0	0.08	5	0	2	17	12	40	0	29	
<b>Total:</b>	<b>36</b>	<b>544</b>	<b>3.3</b>	<b>0.28</b>	<b>1,877</b>	<b>0</b>	<b>Avg 7</b>	<b>11</b>	<b>41</b>	<b>30</b>	<b>2</b>	<b>10</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	0	0			0	0.00%	0	0.0
Scour Pools	12	107	3.4	0.62	372	19.81%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	16	374	3.4	0.12	1,307	69.63%	0	0.0
Rapids	5	50	2.3	0.09	131	7.00%	0	0.0
Cascades	0	0			0	0.00%	0	0.0
Step/Falls	2	2	3.0	0.08	5	0.26%	0	0.0
Dry	1	11	5.5	0.00	62	3.31%	0	0.0
Culverts	0	0			0	0.00%	0	0.0

POOL SUMMARY		
	<u>Total</u>	<u># / Km</u>
All Pools:	12	23.9
Pools >=1m deep:	0	0.0
Complex pools (LWD pieces>=3):	3	6.0
Pool frequency (channel widths/pool):	6.2	
Residual pool depth (avg):	0.51	

**STREAM SUMMARY**

**SIXES RIVER UNNAMED TRIB PRE-TX (S-192)**

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	
36	544	3.3	0.28	1,877	7	11	41	30	2	10	

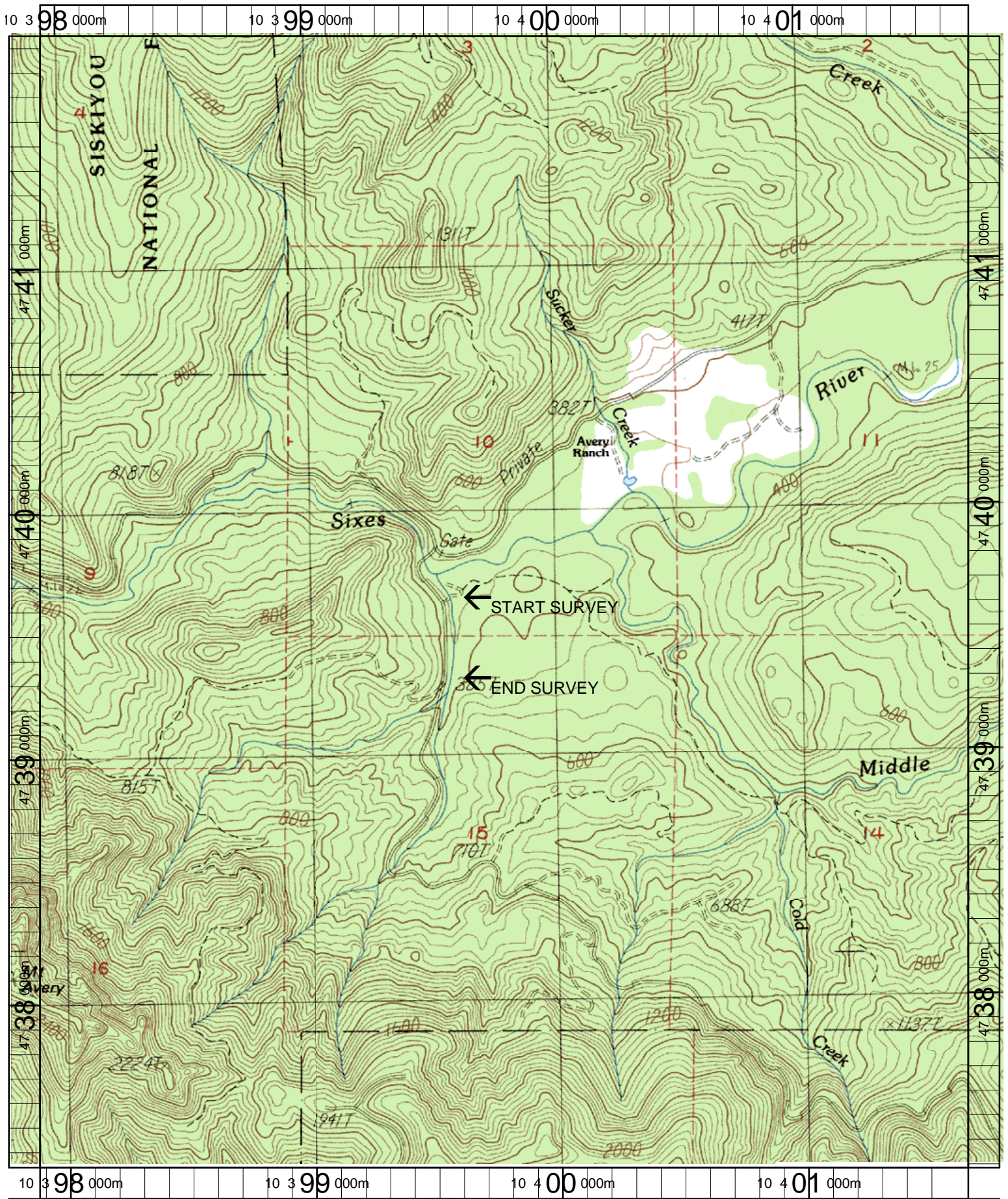
Habitat Group	Wetted Area	
	(m <sup>2</sup> )	Percent
Dammed & BW Pools	0	0.00%
Scour Pools	372	19.81%
Glides	0	0.00%
Riffles	1,307	69.63%
Rapids	131	7.00%
Cascades	0	0.00%
Step/Falls	5	0.26%
Dry	62	3.31%
Culverts	0	0.00%

# Comment Summary

## Restoration Monitoring Sites 2003

**MONITORING AREA: 5-SC    SITE ID: 192    SIXES RIVER UNNAMED TRIB PRE-TX (S-192)**

<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	RI	01	27	/TJ, BC	SIGN ALDER/, T=9C	
2	RI	11	27	2-/SS	TRIB UNIT	
3	LP	00	33.1		SM FISH	
10	LP	00	158.2	/SS		
11	RI	00	183.2		.7M DEEP POCKET	
17	PP	00	255		DACE	
18	SC	00	256		H=0.3M	
20	LP	01	295.6	/TJ		
21	RB	11	295.6		TRIB UNIT	
27	SC	00	379.2		H=0.2M	
35	DU	02	471.2		WATER SUBSURFACE, W	
36	RI	00	502.2		EOS SIGN ALDER RT, T=8	



Name: BARKLOW MT  
 Date: 6/18/2003  
 Scale: 1 inch equals 1666 feet

Location: 10 399790 E 4739621 N  
 Caption: SIXES RIVER UNNAMED TRIBUTARY RESTORATION SITE  
 - SIXES RIVER BASIN