

REACH

T07N-R04W-S35SW

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	6.9	VWI Range:	3.2 - 14

Channel Morphology (Percent Reach Length)

<u>Constrained</u>		<u>Unconstrained</u>	
Hillslope	0%	Single Channel	100%
Bedrock	0%	Multiple Channel	0%
Terrace	0%	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	447	2,492	0
Secondary	115	212	0

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	5.2	Width	6.8	36.5	12.2
Depth	0.42	Height	0.6	1.2	1.5
		W:D ratio	11.2	Entrenchment	5.3
Stream Flow Type:	MF	Water temp (C):	5.6	-	5.6
Avg. Unit Gradient:	1.8%	Habitat Units/100m:	9.2		

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	ST	
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):	43	9.6
Volume (m ³):	23	5.1
Key pieces (>=10m x 0.60m):	2	0.4

REACH		T07N-R04W-S35SW						REACH					
Habitat Type	Number Units	HABITAT DETAIL							Substrate				
		Total	Avg	Avg	Total	Large	Percent Wetted Area						
		Length (m)	Width (m)	Depth (m)	Area (m ²)	Boulders (#>0.5m)	S/O	Snd	Grvl	Cbl	Bldr	Bdrk	
CULVERT CROSSING	1	22	1.2	0.30	26	0	0	10	20	60	10	0	
POOL-BACKWATER	5	13	1.9	0.40	27	0	74	7	17	2	0	0	
POOL-ISOLATED	2	5	1.2	0.16	7	0	100	0	0	0	0	0	
POOL-LATERAL SCOUR	10	85	5.5	0.65	497	0	13	25	42	20	0	0	
POOL-PLUNGE	2	21	8.9	0.90	188	0	9	19	63	10	0	0	
POOL-STRAIGHT SCOUR	1	7	6.2	0.78	43	0	10	20	50	20	0	0	
RAPID/BOULDERS	1	4	6.5	0.20	25	0	0	10	50	40	0	0	
RIFFLE	18	402	6.1	0.28	1,882	0	10	14	44	32	0	0	
STEP/STRUCTURE	1	3	3.5	0.40	9	0	0	0	0	0	0	100	
Total:	41	562	5.2	0.42	2,703	0	Avg 22	15	37	23	0	2	

HABITAT SUMMARY								
Habitat Group	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Wetted Area		Large Boulders	
					(m ²)	Percent	Number	(# / 100m ²)
Dammed & BW Pools	7	18	1.7	0.33	33	1.23%	0	0.0
Scour Pools	13	114	6.1	0.70	728	26.94%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	18	402	6.1	0.28	1,882	69.60%	0	0.0
Rapids	1	4	6.5	0.20	25	0.94%	0	0.0
Cascades	0	0			0	0.00%	0	0.0
Step/Falls	1	3	3.5	0.40	9	0.34%	0	0.0
Dry	0	0			0	0.00%	0	0.0
Culverts	1	22	1.2	0.30	26	0.95%	0	0.0

POOL SUMMARY		
	<u>Total</u>	<u># / Km</u>
All Pools:	20	44.8
Pools >=1m deep:	2	4.5
Complex pools (LWD pieces>=3):	4	9.0
Pool frequency (channel widths/pool):	4.2	
Residual pool depth (avg):	0.45	

STREAM SUMMARY

PAGE CREEK PRE-TX (L-194)

Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m ²)	Substrate Percent Wetted Area						Large Boulders (>0.5m)
					S/O	Snd	Grvl	Cbl	Bldr	Bdrk	
41	562	5.2	0.42	2,703	22	15	37	23	0	2	

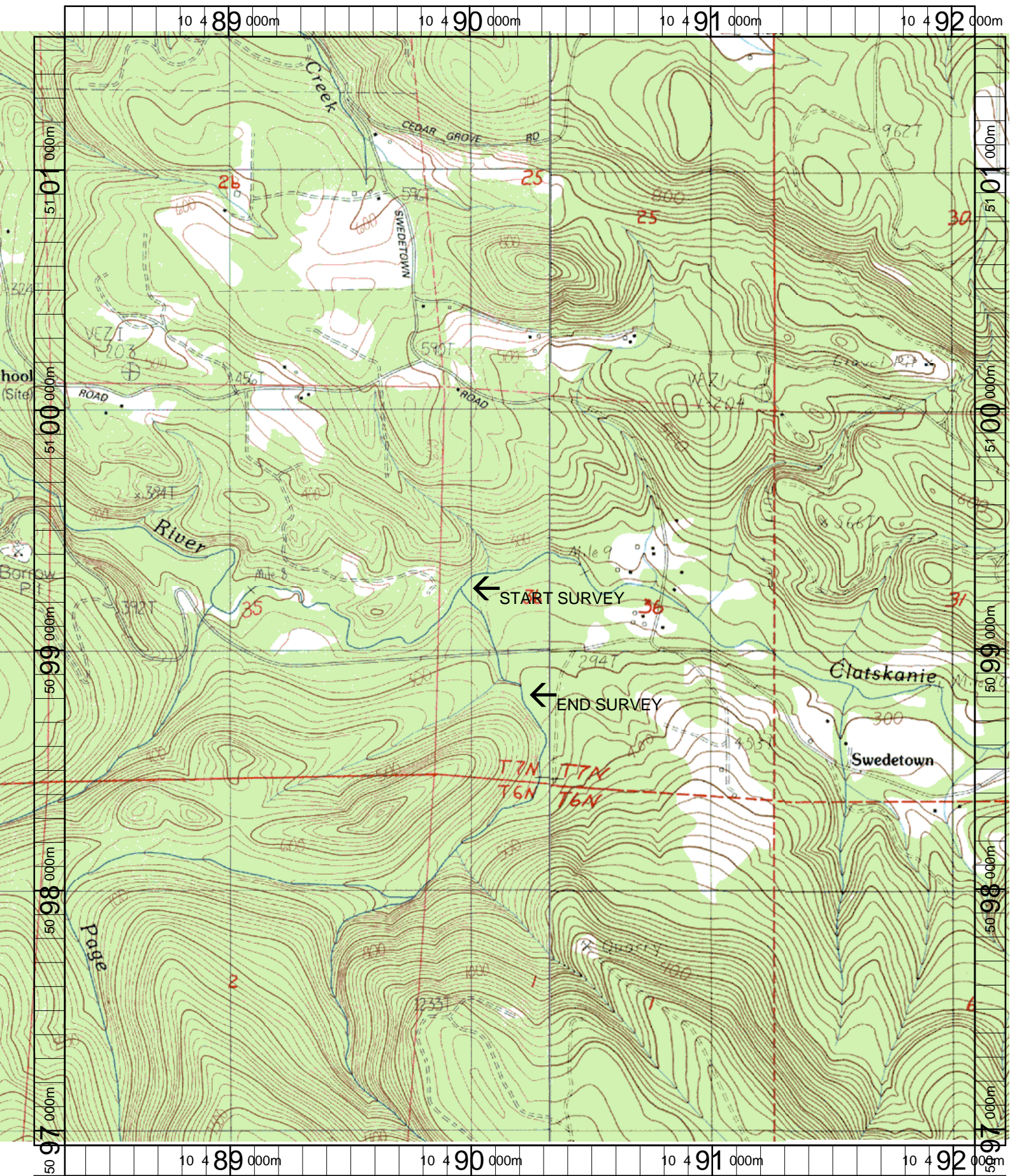
Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	33	1.23%
Scour Pools	728	26.94%
Glides	0	0.00%
Riffles	1,882	69.60%
Rapids	25	0.94%
Cascades	0	0.00%
Step/Falls	9	0.34%
Dry	0	0.00%
Culverts	26	0.95%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 7-L SITE ID: 194 PAGE CREEK PRE-TX (L-194)

<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	00	23.4		T=6C/0830	
7	IP	10	119	/IP		
20	LP	00	262.8		2M POOL TAILOUT	
25	SS	00	317.9		H=1.3-CONCRETE STEP	
26	CC	00	339.4		2.1M DIAM CULVERT	
28	LP	00	356.1		2M TAILOUT	
29	IP	10	356.1		IP/	
34	LP	02	397.8	/LS		
39	RI	01	446.6	/TJ		
41	RI	11	446.6		T=8C	



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

Location: 10 490200 E 5099248 N
 Caption: PAGE CREEK RESTORATION SITE - CLATSKANIE BASIN