

REACH

T26S-R03W-S40SW

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	4.0	VWI Range:	2 - 6

Channel Morphology (Percent Reach Length)

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

Channel Characteristics

<u>Type</u>	<u>Length (m)</u>	<u>Area (m²)</u>	<u>Dry Units</u>
Primary	539	1,930	0
Secondary			0

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	3.6	Width	6.5	9.5	13.5
Depth	0.45	Height	0.6	1.1	1.8
		W:D ratio	11.5	Entrenchment	1.5

Stream Flow Type: MF Water temp (C): 9.0 - 9.0
 Avg. Unit Gradient: 1.9% Habitat Units/100m: 8.2

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	LG	
Riparian Vegetation:	D30	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):	26	4.8
Volume (m ³):	11	2.0
Key pieces (>=10m x 0.60m):	0	0.0

OREGON DEPARTMENT OF FISH AND WILDLIFE

FRENCH CREEK PRE-TX (U-187)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/19/03

REACH		T26S-R03W-S40SW					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
CASCADE/BOULDERS	1	13	4.5	0.30	59	0	0	6	17	33	44	0
CULVERT CROSSING	1	19	1.3	0.15	25	0	0	5	23	68	5	0
POOL-LATERAL SCOUR	20	215	3.3	0.65	737	0	7	16	33	37	2	6
POOL-PLUNGE	1	7	5.8	1.10	39	0	0	5	32	42	21	0
RAPID/BEDROCK	1	11	3.0	0.15	34	0	0	0	0	0	0	100
RAPID/BOULDERS	12	196	3.8	0.25	728	0	0	5	25	58	10	2
RIFFLE	3	57	4.1	0.25	214	0	0	7	36	55	2	0
STEP/COBBLE	4	20	4.5	0.26	93	0	0	2	27	62	5	3
STEP/STRUCTURE	1	1	1.3	0.20	1	0	0	5	24	71	0	0
Total:	44	539	3.6	0.45	1,930	0	Avg 3	10	29	47	6	6

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	0	0			0	0.00%	0	0.0
Scour Pools	21	222	3.4	0.67	776	40.21%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	3	57	4.1	0.25	214	11.10%	0	0.0
Rapids	13	207	3.7	0.25	762	39.47%	0	0.0
Cascades	1	13	4.5	0.30	59	3.03%	0	0.0
Step/Falls	5	21	3.8	0.25	94	4.89%	0	0.0
Dry	0	0			0	0.00%	0	0.0
Culverts	1	19	1.3	0.15	25	1.29%	0	0.0

POOL SUMMARY		
	<u>Total</u>	<u># / Km</u>
All Pools:	21	38.9
Pools >=1m deep:	2	3.7
Complex pools (LWD pieces>=3):	1	1.9
Pool frequency (channel widths/pool):	4.0	
Residual pool depth (avg):	0.42	

STREAM SUMMARY

FRENCH CREEK PRE-TX (U-187)

Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m ²)	Substrate						Large Boulders (>0.5m)
					Percent Wetted Area						
					S/O	Snd	Grvl	Cbl	Bldr	Bdrk	
44	539	3.6	0.45	1,930	3	10	29	47	6	6	

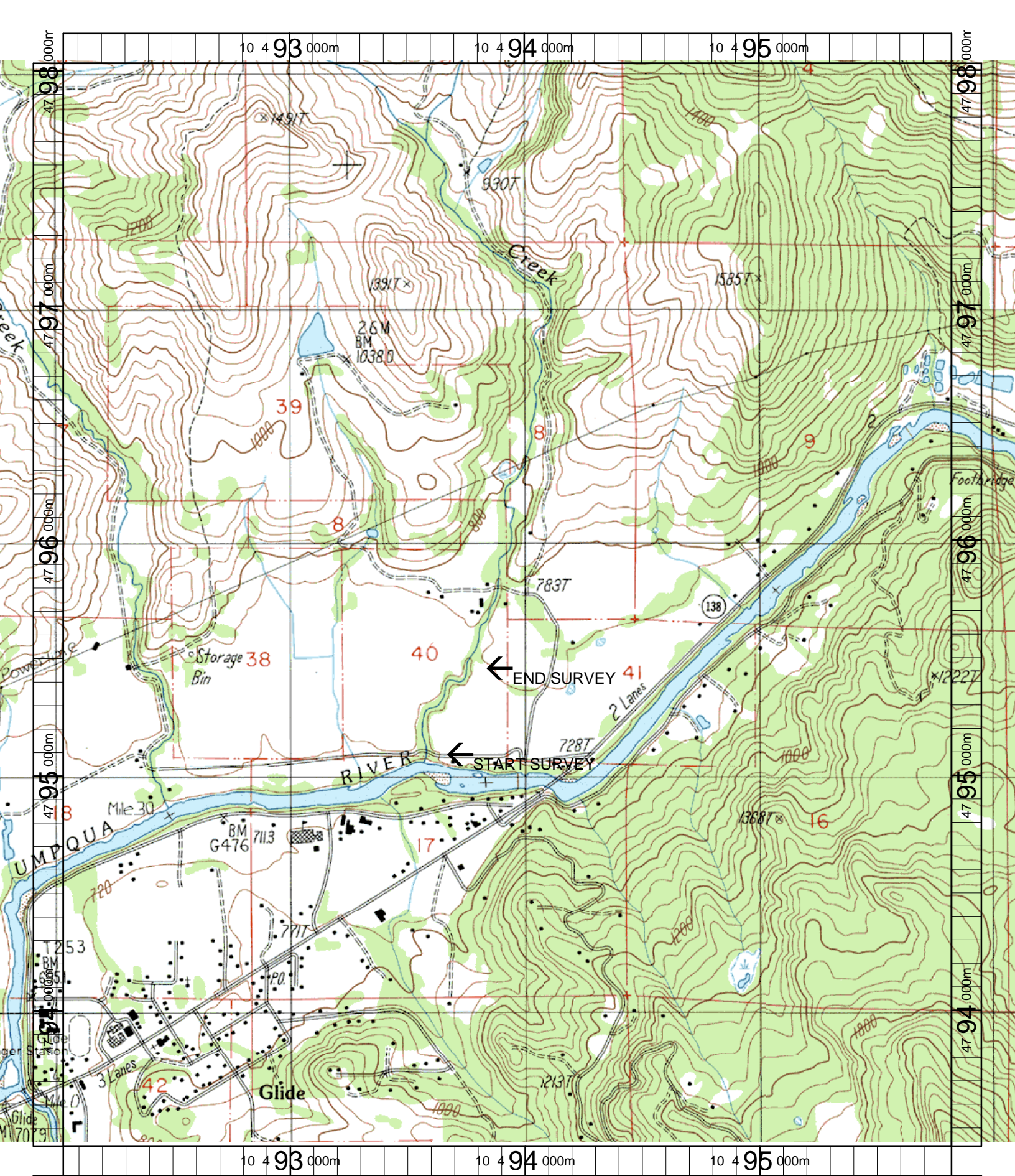
Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	0	0.00%
Scour Pools	776	40.21%
Glides	0	0.00%
Riffles	214	11.10%
Rapids	762	39.47%
Cascades	59	3.03%
Step/Falls	94	4.89%
Dry	0	0.00%
Culverts	25	1.29%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 4-UMP SITE ID: 187 FRENCH CREEK PRE-TX (U-187)

<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	RR	00	11.2		HARDPAN, START @ CO	
3	CB	00	29.2		CARCASS-SALMON	
4	PP	00	35.9	LA/LA	T=9C/1345	
5	SS	00	36.7		H=.5M	
6	CC	00	55.9		PHOTO @1336, OVAL 2.3*	
7	RB	00	75.6	/LA	BRK=HARDPAN	
12	LP	00	158.1		CARCASS-SALMON	
17	RI	00	222.9	SS/		
20	LP	00	246.3		BRK=HARDPAN	
21	RB	00	259.5		BRK=HARDPAN	
23	LP	00	277.9	SS/		
28	SC	00	314.6		BRK=HARDPAN	
29	LP	00	321.1		CARCASS-SALMON, BRK	
33	LP	00	401.7	/SS	BRK=HARDPAN, POSS. R	
34	RB	00	418.9		CARCASS	
39	LP	00	467		CARCASS-SALMON	
42	RB	00	509		CARCASS(2)-SALMON	
43	RI	00	517.4	WL	STOCK XING	
44	LP	00	539.2		EOS, SIGN ON 30+ ALDER	



<p>Name: GLIDE Date: 6/11/2003 Scale: 1 inch equals 1666 feet</p>	<p>Location: 10 493922 E 4795731 N Caption: FRENCH CREEK RESTORATION SITE - NORTH UMPQUA BASIN</p>
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