

REACH

T31S-R03W-S04SE

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	100%
Moderate V-shape	0%	Multiple Terraces	0%
Open V-shape	0%	Wide Floodplain	0%
Valley Width Index 4.7		VWI Range: 4 - 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	568	3,101	0
Secondary	18	15	0

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	5.3	Width	7.5	16.2	21.6
Depth	0.45	Height	0.6	1.3	1.8
W:D ratio		12.3	Entrenchment		2.1

Stream Flow Type:	LF	Water temp (C):	9.0 - 9.0
Avg. Unit Gradient:	1.7%	Habitat Units/100m:	6.0

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	YT	FF
Riparian Vegetation:	M30	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):	68	12.0
Volume (m ³):	70	12.2
Key pieces (>=10m x 0.60m):	6	1.1

OREGON DEPARTMENT OF FISH AND WILDLIFE

STOUTS CREEK PRE-TX (U-185)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

3/5/03

REACH		T31S-R03W-S04SE					REACH					
HABITAT DETAIL												
Habitat Type	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m ²)	Large Boulders (#>0.5m)	Substrate Percent Wetted Area					
							S/O	Snd	Grvl	Cbl	Bldr	Bdrk
GLIDE	1	12	6.0	0.40	70	0	0	11	22	11	11	44
POOL-LATERAL SCOUR	10	164	5.7	0.78	932	0	8	17	36	20	10	10
POOL-PLUNGE	1	7	5.0	0.70	34	0	0	15	5	0	30	50
POOL-STRAIGHT SCOUR	2	39	5.5	0.58	219	0	3	15	68	7	7	0
RAPID/BOULDERS	10	199	5.4	0.30	1,056	0	2	5	29	27	35	2
RIFFLE	7	147	4.7	0.27	710	0	2	8	57	23	10	0
STEP/COBBLE	3	18	5.1	0.18	96	0	2	7	47	27	17	0
Total:	34	586	5.3	0.45	3,116	0	Avg 4	10	40	22	18	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	13	210	5.6	0.74	1,185	38.03%	0	0.0
Glides	1	12	6.0	0.40	70	2.23%	0	0.0
Riffles	7	147	4.7	0.27	710	22.77%	0	0.0
Rapids	10	199	5.4	0.30	1,056	33.88%	0	0.0
Cascades	0	0			0	0.00%	0	0.0
Step/Falls	3	18	5.1	0.18	96	3.08%	0	0.0
Dry	0	0			0	0.00%	0	0.0
Culverts	0	0			0	0.00%	0	0.0

POOL SUMMARY		
	<u>Total</u>	<u># / Km</u>
All Pools:	13	22.9
Pools >=1m deep:	1	1.8
Complex pools (LWD pieces>=3):	4	7.0
Pool frequency (channel widths/pool):	6.0	
Residual pool depth (avg):	0.44	

STREAM SUMMARY

STOUTS CREEK PRE-TX (U-185)

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	
34	586	5.3	0.45	3,116	4	10	40	22	18	6	

Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	0	0.00%
Scour Pools	1,185	38.03%
Glides	70	2.23%
Riffles	710	22.77%
Rapids	1,056	33.88%
Cascades	0	0.00%
Step/Falls	96	3.08%
Dry	0	0.00%
Culverts	0	0.00%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 4-UJP SITE ID: 185 STOUTS CREEK PRE-TX (U-185)

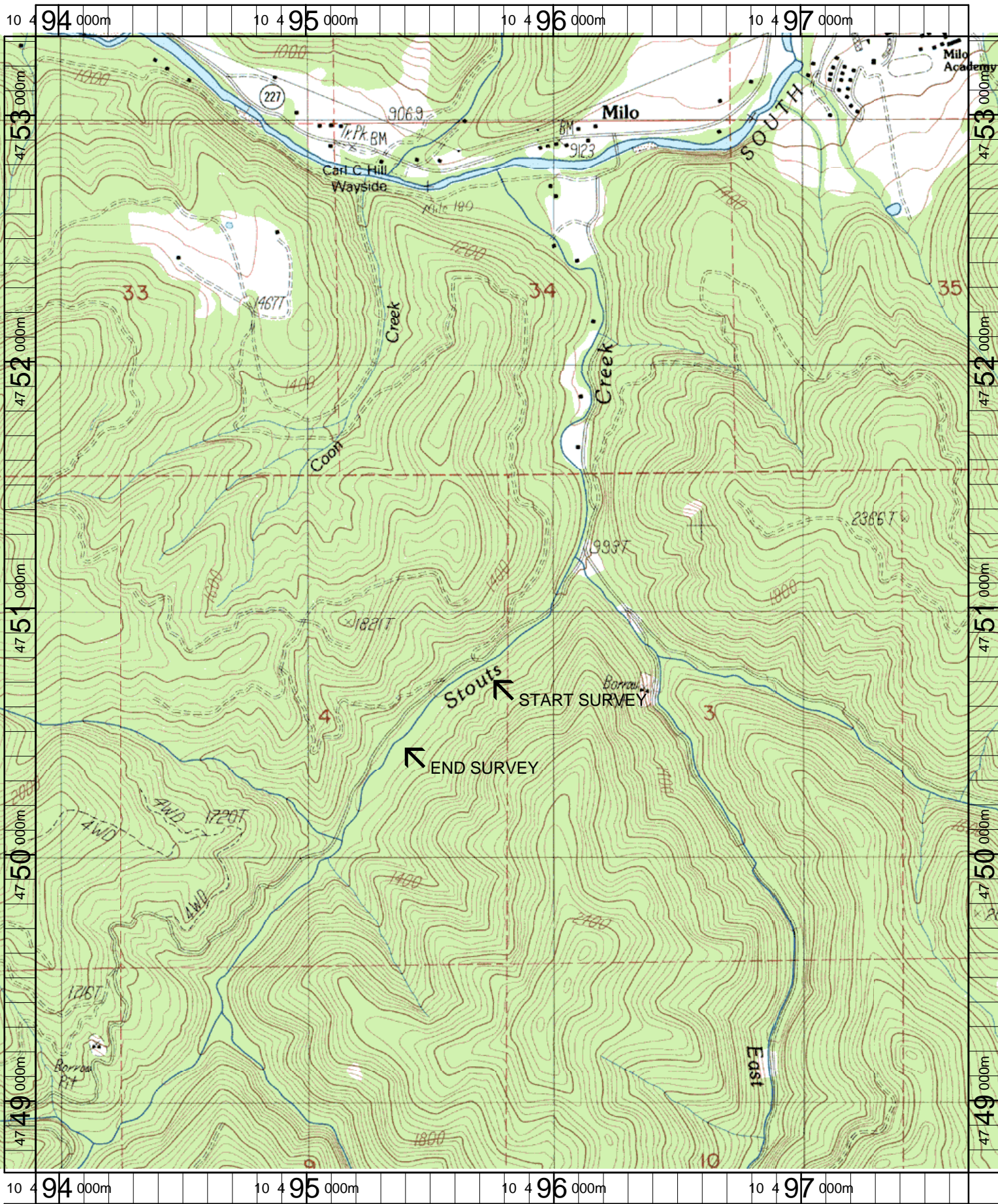
<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
1	LP	00	16.9	BV		PINK FLAG SITE #2
2	RB	00	39.9	BV		
3	LP	00	52.5	BV		
4	RI	00	63.4	BV		
5	LP	00	78.5	BV		
6	RB	00	87.3	BV		
7	LP	00	104.8	BV		SITE 4
9	RB	00	165.1			SITE 5
10	SP	00	190.1			SITE 6
11	RB	00	201.3	BV		
12	LP	00	225.3	DJ, BV		
14	RB	00	258.1	BV		
15	GL	00	269.7	BV		SITE 7
16	RI	00	294.7	BV		
17	RB	00	318	BV		
20	LP	00	359.8	BV		SITE 8
22	LP	00	404.3	SS/		SITE 9
25	RB	00	456.3	BV		SITE 10
27	SP	01	500.5	BV		
29	SC	02	506.9			SPLIT INTO 3 SM CHNLS
31	LP	00	524.9	BV		BV DEN IN BANK

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 4-UMP SITE ID: 185 STOUTS CREEK PRE-TX (U-185)

<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
32	RI	00	546.1	/SS		
34	SC	00	568.3		EOS @ SITE 12-REST.	



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

Location: 10 495788 E 4751018 N
 Caption: STOUTS CREEK RESTORATION SITE - SOUTH UMPQUA BASIN