

REACH

T28S-R04W-S25SW

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	3.4	VWI Range:	2.5 - 5

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	542	1,697	0
Secondary	49	78	1

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	3.0	Width	6.7	8.1	11.3
Depth	0.41	Height	0.3	0.7	1.4
		W:D ratio	20.5	Entrenchment	1.2
Stream Flow Type:	MF			Water temp (C):	7.5 - 7.5
Avg. Unit Gradient:	0.7%			Habitat Units/100m:	9.6

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	MT	
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):	75	13.8
Volume (m ³):	45	8.2
Key pieces (>=10m x 0.60m):	2	0.4

OREGON DEPARTMENT OF FISH AND WILDLIFE

SLIDE CREEK PRE-TX (U-186)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

3/5/03

REACH		T28S-R04W-S25SW					REACH					
Habitat Type	Number Units	HABITAT DETAIL					Substrate					
		Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m ²)	Large Boulders (#>0.5m)	Percent Wetted Area					
		S/O	Snd	Grvl	Cbl	Bldr	Bdrk					
POOL-BACKWATER	5	28	2.1	0.38	55	0	52	37	11	0	0	0
POOL-ISOLATED	1	3	1.2	0.30	4	0	10	70	20	0	0	0
POOL-LATERAL SCOUR	23	298	3.0	0.61	925	0	12	45	38	0	0	4
POOL-PLUNGE	2	12	5.0	0.70	61	0	3	44	42	0	3	8
PUDDLED UNIT	1	19	1.0	0.15	19	0	60	40	0	0	0	0
RAPID/BEDROCK	1	12	4.5	0.15	54	0	0	5	0	0	0	95
RIFFLE	12	186	2.9	0.23	551	0	3	20	71	1	0	4
STEP/BEDROCK	2	11	4.6	0.05	51	0	0	0	0	0	0	100
STEP/COBBLE	5	24	2.6	0.15	57	0	3	21	76	0	0	0
Total:	52	591	3.0	0.41	1,775	0	Avg 13	34	43	0	0	9

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	6	31	2.0	0.37	59	3.32%	0	0.0
Scour Pools	25	310	3.2	0.62	985	55.50%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	12	186	2.9	0.23	551	31.03%	0	0.0
Rapids	1	12	4.5	0.15	54	3.04%	0	0.0
Cascades	0	0			0	0.00%	0	0.0
Step/Falls	7	34	3.2	0.12	108	6.06%	0	0.0
Dry	1	19	1.0	0.15	19	1.04%	0	0.0
Culverts	0	0			0	0.00%	0	0.0

POOL SUMMARY		
	<u>Total</u>	<u># / Km</u>
All Pools:	31	57.2
Pools >=1m deep:	0	0.0
Complex pools (LWD pieces>=3):	8	14.8
Pool frequency (channel widths/pool):	2.9	
Residual pool depth (avg):	0.45	

STREAM SUMMARY

SLIDE CREEK PRE-TX (U-186)

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	
52	591	3.0	0.41	1,775	13	34	43	0	0	9	

Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	59	3.32%
Scour Pools	985	55.50%
Glides	0	0.00%
Riffles	551	31.03%
Rapids	54	3.04%
Cascades	0	0.00%
Step/Falls	108	6.06%
Dry	19	1.04%
Culverts	0	0.00%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 4-UMP SITE ID: 186 SLIDE CREEK PRE-TX (U-186)

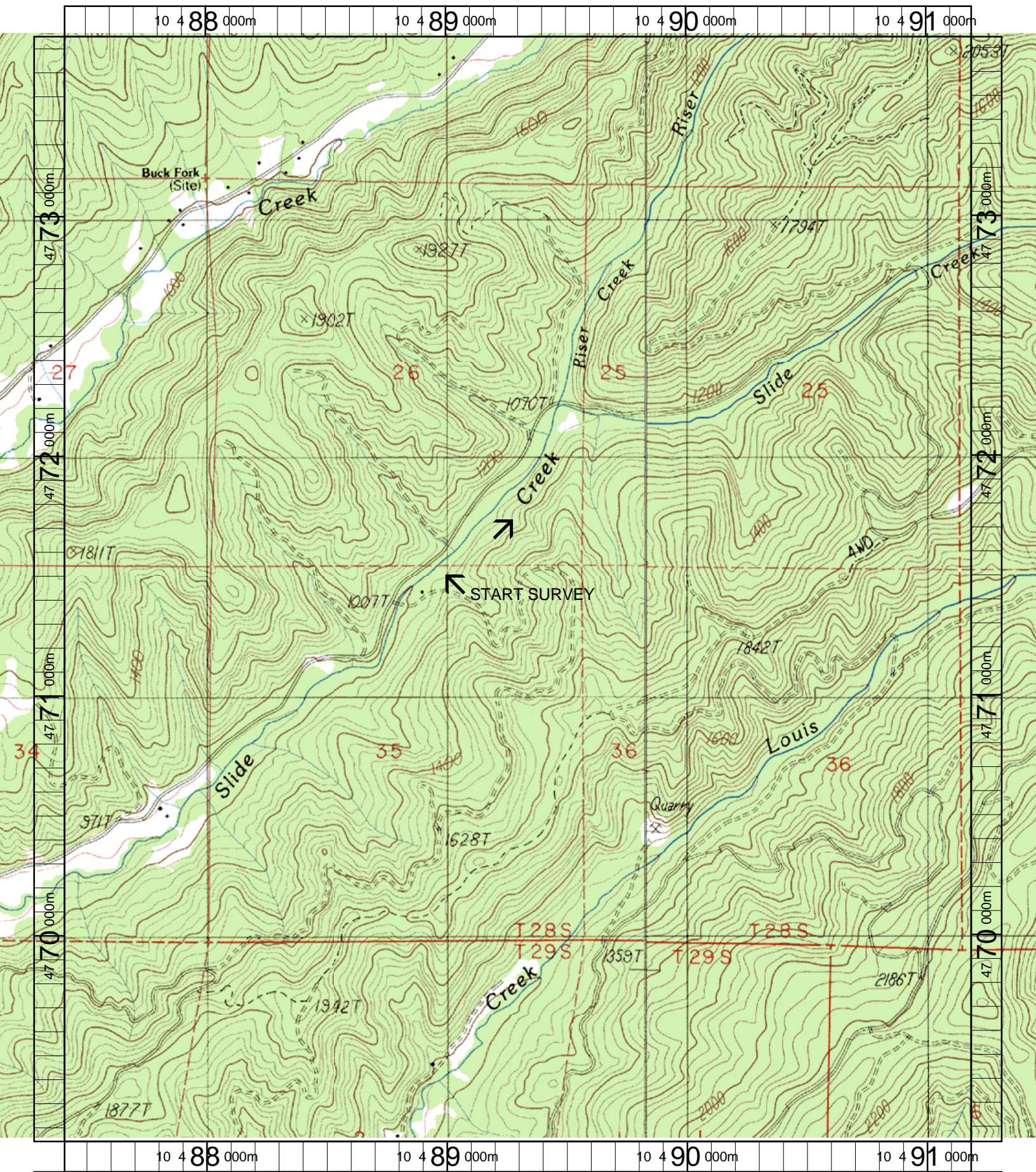
UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
1	PP	00	7.5		T=7.5C, STATION 17	
2	SR	00	10	PN	H=1.35M	
4	SR	00	30.1		STRUCTURE B	
5	RI	00	53.2		STATION 19	
6	LP	00	63.4		STRUCTURE C	
9	BW	10	100.2		CO FRY	
10	LP	00	107.1	BV		
11	SC	00	114.5	DJ, BV		
13	RI	00	141.3		STATION 24	
15	RI	01	176	BV		
16	LP	01	185		REDD, CO FRY	
18	RI	00	201.3		STATION 24	
21	RI	01	229.9		BLUE FLAG	
23	LP	00	243.2		CO FRY	
24	LP	00	251.2		BLUE+WHITE FLAG	
26	RI	01	269.9	BV		
27	BW	10	269.9		CO FRY	
28	LP	00	287.2		BLUE+WHITE FLAG	
29	RI	00	299		OLD REDD	
32	LP	01	337.7		JUV CO	
36	RI	00	372.8		BLUE+WHITE FLAGS	

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 4-UMP SITE ID: 186 SLIDE CREEK PRE-TX (U-186)

<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
39	LP	00	409.6			STATION 35
40	RI	00	433.6			AQ INV #116, 8/24/91, JC
41	LP	00	454	SS/		REDD,CO JUV
42	LP	01	464.8			BLUE+WHITE
43	BW	10	464.8			JUV CO
46	LP	01	495.2	BV		
49	PP	00	506.2	BV		
50	LP	00	520			BLUE+WHITE FLAGS



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

Location: 10 489293 E 4771447 N
 Caption: SLIDE CREEK RESTORATION SITE - SOUTH UMPQUA
 BASIN