

REACH 1

T26S-R05W-S26NE

REACH 1

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	10.0	VWI Range:	10 - 10

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	1,357	0
Secondary	2	0	0

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	2.2	Width	4.9	7.0	10.0
Depth	0.30	Height	0.4	0.8	2.1
		W:D ratio	12.7	Entrenchment	1.4
Stream Flow Type:	LF	Water temp (C):		16.0 - 16.0	
Avg. Unit Gradient:	1.0%	Habitat Units/100m:		6.9	

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	AG	
Riparian Vegetation:	G	D15

Bank Condition and Shade

<u>Bank Status</u>	<u>Percent Reach Length</u>	<u>Shade (% of 180)</u>
Actively Eroding:	8%	Reach avg: 64%
Undercut Banks:	12%	Range: 0 - 100

Large Wood Debris

	<u>Total</u>	<u>Total / 100m</u>
All pieces (>=3m x 0.15m):	1	0.2
Volume (m ³):	0	0.0
Key pieces (>=10m x 0.60m):	0	0.0

OREGON DEPARTMENT OF FISH AND WILDLIFE

CLOVER CREEK PRE-TX (UMP-130)

HABITAT INVENTORY

Report Date: 3/17/03

Survey Date:

7/3/02

REACH 1		T26S-R05W-S26NE					REACH 1					
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
POOL-LATERAL SCOUR	19	371	2.8	0.51	1,070	8	54	6	14	11	3	12
RAPID/BEDROCK	1	12	1.7	0.10	20	2	20	0	10	20	0	50
RAPID/BOULDERS	5	41	1.6	0.08	85	15	27	2	42	25	2	2
RIFFLE	9	109	1.7	0.09	176	9	17	8	49	10	0	17
STEP/BEDROCK	3	8	1.0	0.06	7	0	3	0	0	3	0	93
Total:	37	541	2.2	0.30	1,357	34	Avg 36	5	25	12	2	20

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	19	371	2.8	0.51	1,070	78.82%	8	0.7	
Glides	0	0			0	0.00%	0	0.0	
Riffles	9	109	1.7	0.09	176	12.94%	9	5.1	
Rapids	6	53	1.7	0.08	105	7.72%	17	16.2	
Cascades	0	0			0	0.00%	0	0.0	
Step/Falls	3	8	1.0	0.06	7	0.52%	0	0.0	
Dry	0	0			0	0.00%	0	0.0	
Culverts	0	0			0	0.00%	0	0.0	

POOL SUMMARY		
	Total	# / Km
All Pools:	19	35.2
Pools >=1m deep:	2	3.7
Complex pools (LWD pieces>=3):	0	0.0
Pool frequency (channel widths/pool):	5.8	
Residual pool depth (avg):	0.45	

RIPARIAN ZONE VEGETATION SUMMARY

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Summary of Riparian Zone (0-30m) 3 transects

Total hardwoods/1000	183
Total conifers/1000 ft	0
Total conifers >20" dbh/1000 ft	0
Total conifers >35" dbh/1000 ft	0

Average number of trees in a 5-meter wide band

Diameter class (cm)	Zone 1 0-10 meters		Zone 2 10 - 20 meters		Zone 3 20 - 30 meters		Zones 1-3 0-30 meters	
	Conifer	Hardwood	Conifer	Hardwood	Conifer	Hardwood	Conifer	Hardwood
3-15cm	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0
15-30cm	0.0	1.0	0.0	0.7	0.0	0.3	0.0	2.0
30-50cm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50-90cm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
>90cm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total/100m2	0.0	1.0	0.0	1.7	0.0	0.3	0.0	1.0

Canopy closure and ground cover

	Zone 1 0-10 meters (%)	Zone 2 10 - 20 meters (%)	Zone 3 20 - 30 meters (%)
Canopy closure	33	12	3
Shrub cover	3	0	0
Grass/forb cover	97	100	100

Predominant landform in each zone

	Zone 1 0-10 meters (%)	Zone 2 10 - 20 meters (%)	Zone 3 20 - 30 meters (%)
Hillslope	17	33	33
High terrace	83	67	67
Low terrace	0	0	0
Floodplain	0	0	0
Wetland/meadow	0	0	0
Stream channel	0	0	0
Roadbed/Railroad	0	0	0
Riprap	0	0	0
Surface slope (%)	5	8	8

RIPARIAN ZONE VEGETATION

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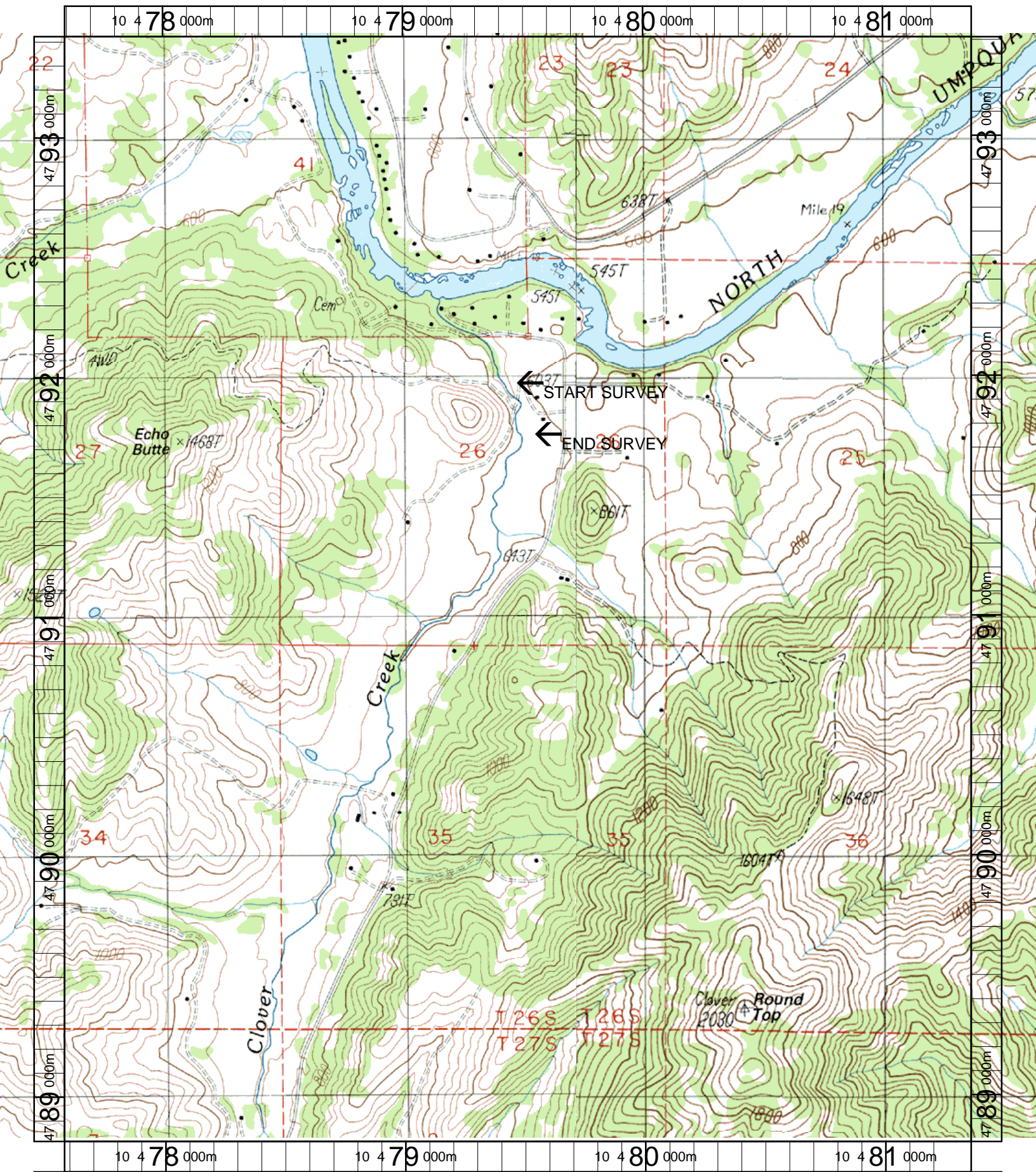
Unit	Side	Zone	Surface	Slope	Cover (percent)			Diameter class (cm)					Notes		
					Canopy	Shrub	Grass	3-15	15-30	30-50	50-90	>90			
14	LF	1	HT	0	20	0	100								
14	LF	2	HT	0	0	0	100								
14	LF	3	HT	0	0	0	100								
14	RT	1	HT	0	80	0	100								POISON OAK
14	RT	2	HS	30	70	0	100								
14	RT	3	HS	20	0	0	100								
22	LF	1	HT	0	30	10	90								
22	LF	2	HT	0	0	0	100								FENCE CROSSING
22	LF	3	HT	0	0	0	100								
22	RT	1	HT	0	30	10	90								FENCE CROSSING
22	RT	2	HT	0	0	0	100								
22	RT	3	HT	0	0	0	100								
29	LF	1	HT	0	0	0	100								
29	LF	2	HT	0	0	0	100								
29	LF	3	HT	0	20	0	100								
29	RT	1	HS	30	40	0	100								
29	RT	2	HS	20	0	0	100								
29	RT	3	HS	30	0	0	100								

Comment Summary

Oregon Plan Monitoring Sites 2002

MONITORING AREA: **4-UMP** SITE ID: **130** CLOVER CREEK PRE-TX (UMP-130)

<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	8.6		START SURVEY UPSTRE	START
2	LP	00	17.7	WL		RACCOON TRACKS
3	RI	00	29.6	WL		DEER TRACKS
6	RI	00	59.1		LOTS OF ALGAE & SLUSH	
8	LP	00	86	FC		LOT OF 1" FISH
9	LP	00	99.8	RF		DACE?
11	LP	00	110	FC	FC	
13	LP	00	156.8	WL		RACCOON, LOTS OF FISH
14	LP	00	174		RIP#1	T=16C@1000, RIP #1
18	LP	00	232.9		FISH	4" FISH
22	RB	00	296.8		RIP#2	RIP#2
25	LP	00	335.8	BC	BC	
27	LP	01	397.9	TJ/	TJ/	
28	RB	11	397.9		TRIB UNIT	TRIB UNIT
29	LP	00	430.9		RIP #3, FLAG "SNORKEL	RIP #3
33	LP	00	484.4		FLAG "SNORKEL POOL #2	
34	RI	00	492.2	RF, WL		RED-LEGGED FROG
35	LP	00	500	RF		
37	RI	00	539.2	WL	END SURVEY	RSN, END SURVEY



Name: WINCHESTER
 Date: 3/20/2003
 Scale: 1 inch equals 1666 feet

Location: 10 479469 E 4791117 N
 Caption: CLOVER CREEK RESTORATION SITE - NORTH UMPQUA BASIN