

REACH 1

T36S-R14W-S08NW

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	17.0	VWI Range:	15 - 20

Channel Morphology (Percent Reach Length)

<u>Constrained</u>		<u>Unconstrained</u>	
Hillslope	0%	Single Channel	0%
Bedrock	0%	Multiple Channel	0%
Terrace	100%	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	510	1,227	0
Secondary	9	3	0

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	2.3	Width	5.5	6.8	7.8
Depth	0.40	Height	0.6	1.1	1.7
		W:D ratio	9.7	Entrenchment	1.2
Stream Flow Type:	LF	Water temp (C):		16.0 - 16.0	
Avg. Unit Gradient:	0.8%	Habitat Units/100m:		6.5	

**Riparian, Bank, and Wood Summary**

	<u>Primary</u>	<u>Secondary</u>
Land Use:	YT	
Riparian Vegetation:	S	G

Bank Condition and Shade

<u>Bank Status</u>	<u>Percent Reach Length</u>	<u>Shade (% of 180)</u>
Actively Eroding:	15%	Reach avg: 45%
Undercut Banks:	19%	Range: 19 - 97

Large Wood Debris

	<u>Total</u>	<u>Total / 100m</u>
All pieces (>=3m x 0.15m):	37	7.3
Volume (m <sup>3</sup> ):	24	4.7
Key pieces (>=10m x 0.60m):	1	0.2

OREGON DEPARTMENT OF FISH AND WILDLIFE

EDSON CREEK LOWER PRE-TX (S-135)

HABITAT INVENTORY

Report Date: 3/17/03

Survey Date:

7/2/02

REACH 1		T36S-R14W-S08NW					REACH 1						
HABITAT DETAIL													
Habitat Type	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m <sup>2</sup> )	Large Boulders (#>0.5m)	Substrate Percent Wetted Area						
							S/O	Snd	Grvl	Cbl	Bldr	Bdrk	
GLIDE	2	37	2.2	0.20	77	0	10	23	68	0	0	0	
POOL-DAMMED	1	11	4.1	0.90	46	0	33	19	29	14	5	0	
POOL-LATERAL SCOUR	16	297	2.8	0.61	804	3	28	31	36	4	1	0	
POOL-STRAIGHT SCOUR	1	24	2.3	0.40	55	0	40	20	35	5	0	0	
RAPID/BOULDERS	1	9	0.4	0.05	3	0	57	5	19	14	5	0	
RIFFLE	12	141	1.6	0.15	244	0	13	26	58	3	0	0	
<b>Total:</b>	<b>33</b>	<b>518</b>	<b>2.3</b>	<b>0.40</b>	<b>1,231</b>	<b>3</b>	<b>Avg 23</b>	<b>27</b>	<b>45</b>	<b>4</b>	<b>1</b>	<b>0</b>	

HABITAT SUMMARY								
Habitat Group	Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Wetted Area		Large Boulders	
					(m <sup>2</sup> )	Percent	Number	(# / 100m <sup>2</sup> )
Dammed & BW Pools	1	11	4.1	0.90	46	3.76%	0	0.0
Scour Pools	17	321	2.7	0.59	859	69.82%	3	0.3
Glides	2	37	2.2	0.20	77	6.29%	0	0.0
Riffles	12	141	1.6	0.15	244	19.85%	0	0.0
Rapids	1	9	0.4	0.05	3	0.28%	0	0.0
Cascades	0	0			0	0.00%	0	0.0
Step/Falls	0	0			0	0.00%	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:	18	35.3
Pools >=1m deep:	0	0.0
Complex pools (LWD pieces>=3):	0	0.0
Pool frequency (channel widths/pool):	5.2	
Residual pool depth (avg):	0.54	

**RIPARIAN ZONE VEGETATION SUMMARY**

**REACH 1** **REACH 1**

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

Total hardwoods/1000	914
Total conifers/1000 ft	264
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	1.3	8.3	1.3	4.0	0.0	1.3	2.7	13.7
15-30cm	0.3	0.3	1.3	0.3	0.0	0.7	1.7	1.3
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	1.7	8.7	2.7	4.3	0.0	2.0	1.4	5.0

**Canopy closure and ground cover**

	Zone 1 0-10 meters		Zone 2 10 - 20 meters		Zone 3 20 - 30 meters	
	(%)		(%)		(%)	
Canopy closure	35		61		29	
Shrub cover	39		49		35	
Grass/forb cover	59		37		51	

**Predominant landform in each zone**

	Zone 1 0-10 meters		Zone 2 10 - 20 meters		Zone 3 20 - 30 meters	
	(%)		(%)		(%)	
Hillslope	0		0		0	
High terrace	100		83		100	
Low terrace	0		0		0	
Floodplain	0		0		0	
Wetland/meadow	0		0		0	
Stream channel	0		0		0	
Roadbed/Railroad	0		17		0	
Riprap	0		0		0	
Surface slope (%)	0		0		0	

**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		
9	LF	1	HT	0	65	25	75	Conifer							GRASS VERY TALL (1.5M HIGH)
								Hardwood	5	1					
9	LF	2	HT	0	80	60	40	Conifer							
								Hardwood	3						
9	LF	3	HT	0	80	60	40	Conifer							CANOPY IS TALL SHRUBS
								Hardwood	4						
9	RT	1	HT	0	0	0	100	Conifer							
								Hardwood							
9	RT	2	RB	0	0	5	40	Conifer							EDSON CREEK ROAD
								Hardwood							
9	RT	3	HT	0	0	5	30	Conifer							GRAVEL LOT
								Hardwood							
18	LF	1	HT	0	10	95	5	Conifer							
								Hardwood							
18	LF	2	HT	0	30	95	5	Conifer							
								Hardwood	2	1					
18	LF	3	HT	0	45	95	5	Conifer							
								Hardwood							
18	RT	1	HT	0	100	80	10	Conifer							CANOPY DUE TO VINEMAPI F
								Hardwood	20						
18	RT	2	HT	0	95	70	20	Conifer							
								Hardwood	5						
18	RT	3	HT	0	30	20	60	Conifer							EDSON CREEK ROAD
								Hardwood		2					
23	LF	1	HT	0	25	10	90	Conifer	4	1					TREE FARM - UNIFORM PLANTINGS
								Hardwood							
23	LF	2	HT	0	75	5	75	Conifer	4	4					
								Hardwood							
23	LF	3	HT	0	0	0	100	Conifer							EDSON CR RD IS 20M AWAY
								Hardwood							
23	RT	1	HT	0	10	25	75	Conifer							
								Hardwood							
23	RT	2	HT	0	85	60	40	Conifer							
								Hardwood	2						
23	RT	3	HT	0	20	30	70	Conifer							
								Hardwood							

# Comment Summary

## Oregon Plan Monitoring Sites 2002

MONITORING AREA: **5-SC**      SITE ID: **135**      **EDSON CREEK LOWER PRE-TX (S-1)**

<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	01	23.2	BC	ROAD XING - EDSON CR	T = 16 @ 11:00
2	RB	11	23.2	TJ/	TRIB T = 14	T = 14
3	LP	00	31.9	SS/, WL		FROGS, FISH
5	DP	00	55.5	WL, DJ		FROGS
6	RI	00	64.4	DJ		
7	LP	00	77.6	/SS		
8	RI	00	97.7			ROAD IS RIGHT BY US
9	LP	00	130.8			FISH, RIPARIAN #1
11	LP	00	161			BANKS FALLING IN W/ GRAS
14	RI	00	196	WL	SMALL DEBRIS JAM	DEAD FROG
15	LP	00	214.5	DJ		SMALL DJ, FISH, CRAWDAD
17	RI	00	248.4	DJ		
18	LP	00	269.1			OLD OIL BARREL
19	RI	00	287.9			RIPARIAN #2, .4 M DEEP PO
20	LP	00	308.7			RIGHT SIDE COMING DOWN
22	LP	00	344.1			SCULPIN, FISH, CRAWDAD
23	LP	00	375.3			LOTS OF FISH
24	RI	00	380.9			BANKS CAVING IN
25	SP	00	404.8			FISH
26	RI	00	411.2			FISH
29	LP	00	442		1.3 METER BURNED SNA	

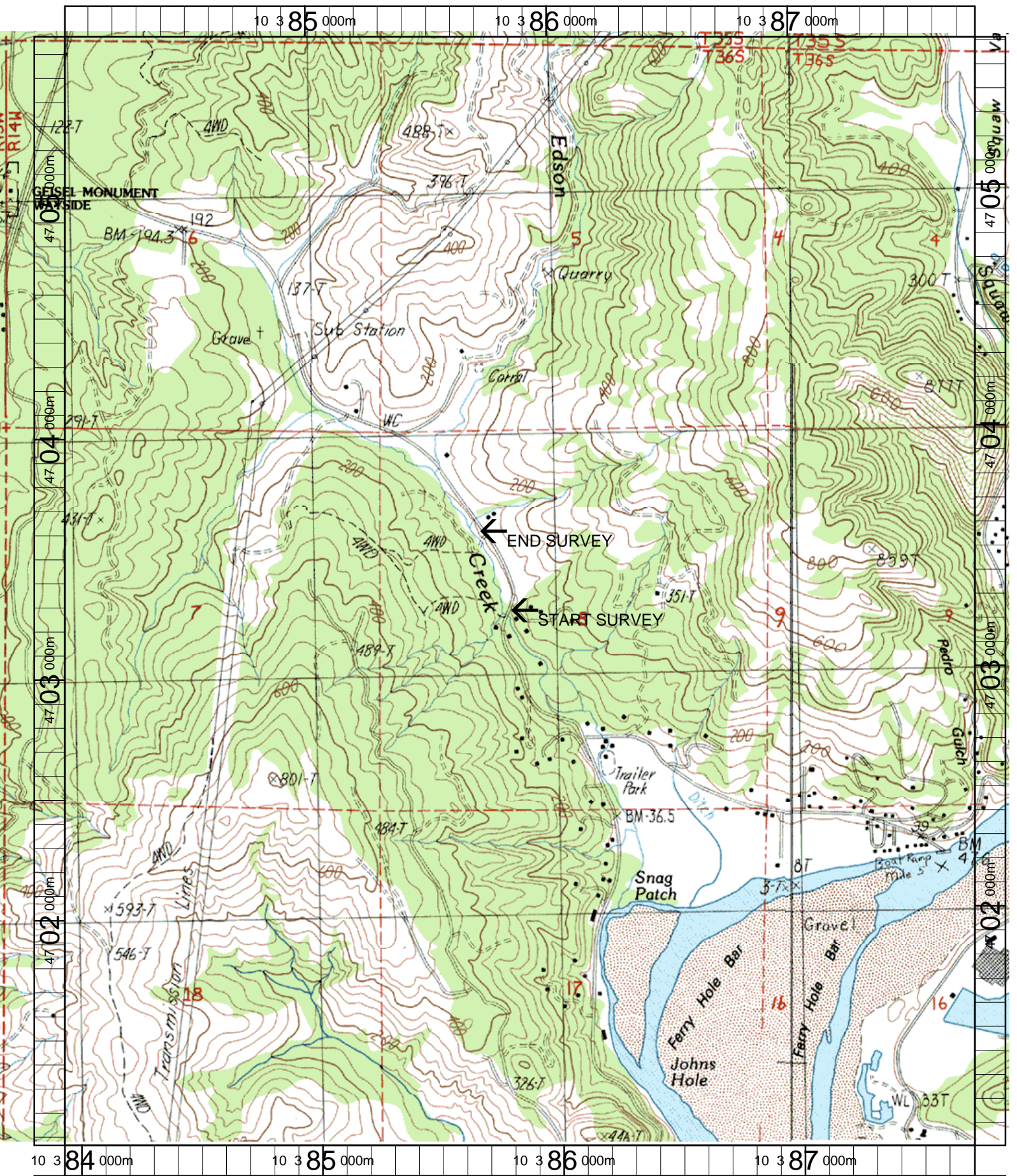
# Comment Summary

## Oregon Plan Monitoring Sites 2002

MONITORING AREA: 5-SC      SITE ID: 135      EDSON CREEK LOWER PRE-TX (S-1)

<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
30	GL	00	456.9			OLD BURN???
31	LP	00	471.6	WL		NEWTS AND LOTS OF FISH
33	LP	00	509.9	/CE, /SS	END AT CULVERT- EDSO	END SURVEY AT /CC





Name: GOLD BEACH  
 Date: 3/21/2003  
 Scale: 1 inch equals 1666 feet

Location: 10 385849 E 4703343 N  
 Caption: EDSON CREEK LOWER RESTORATION SITE - ROGUE BASIN