

REACH

T36S-R14W-S09NW

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 25.0 VWI Range: 15 - 30

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	493	2,052	0
Secondary	16	8	0

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	3.7	Width	5.6	6.6	7.9
Depth	0.59	Height	0.6	1.2	1.9

W:D ratio 10.2 Entrenchment 1.2

Stream Flow Type: MF Water temp (C): 10.0 - 10.0
 Avg. Unit Gradient: 0.5% Habitat Units/100m: 8.1

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	YT	
Riparian Vegetation:	G	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):	48	9.7
Volume (m ³):	106	21.6
Key pieces (>=10m x 0.60m):	9	1.8

OREGON DEPARTMENT OF FISH AND WILDLIFE

EDSON CREEK LOWER POST-TX (S-135)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/24/03

REACH		T36S-R14W-S09NW					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	2	11	0.5	0.08	5	0	0	17	27	5	0	52
GLIDE	2	33	4.1	0.45	134	0	18	44	20	0	0	18
POOL-DAMMED	2	12	4.3	1.15	54	0	19	42	37	3	0	0
POOL-LATERAL SCOUR	17	262	4.3	0.94	1,152	0	17	34	41	1	0	7
RAPID/BOULDERS	1	5	0.5	0.05	3	0	24	47	29	0	0	0
RIFFLE	11	154	3.6	0.27	567	0	9	28	62	0	0	1
RIFFLE W/ POCKETS	2	27	5.0	0.35	129	0	16	35	47	3	0	0
STEP/BEAVER DAM	1	1	1.5	0.10	2	0	17	28	56	0	0	0
STEP/COBBLE	1	3	3.1	0.20	11	0	22	44	33	0	0	0
STEP/LOG	1	1	4.0	0.40	4	0	20	60	20	0	0	0
Total:	40	509	3.7	0.59	2,059	0	Avg 15	33	44	1	0	7

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	2	12	4.3	1.15	54	2.60%	0	0.0
Scour Pools	17	262	4.3	0.94	1,152	55.94%	0	0.0
Glides	2	33	4.1	0.45	134	6.49%	0	0.0
Riffles	13	181	3.8	0.28	696	33.82%	0	0.0
Rapids	1	5	0.5	0.05	3	0.12%	0	0.0
Cascades	2	11	0.5	0.08	5	0.25%	0	0.0
Step/Falls	3	5	2.9	0.23	16	0.78%	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:	19	38.5
Pools >=1m deep:	7	14.2
Complex pools (LWD pieces>=3):	3	6.1
Pool frequency (channel widths/pool):	4.8	
Residual pool depth (avg):	0.63	

STREAM SUMMARY

EDSON CREEK LOWER POST-TX (S-135)

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	
40	509	3.7	0.59	2,059	15	33	44	1	0	7	

Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	54	2.60%
Scour Pools	1,152	55.94%
Glides	134	6.49%
Riffles	696	33.82%
Rapids	3	0.12%
Cascades	5	0.25%
Step/Falls	16	0.78%
Dry	0	0.00%
Culverts	0	0.00%

Comment Summary

Restoration Monitoring Sites 2003

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

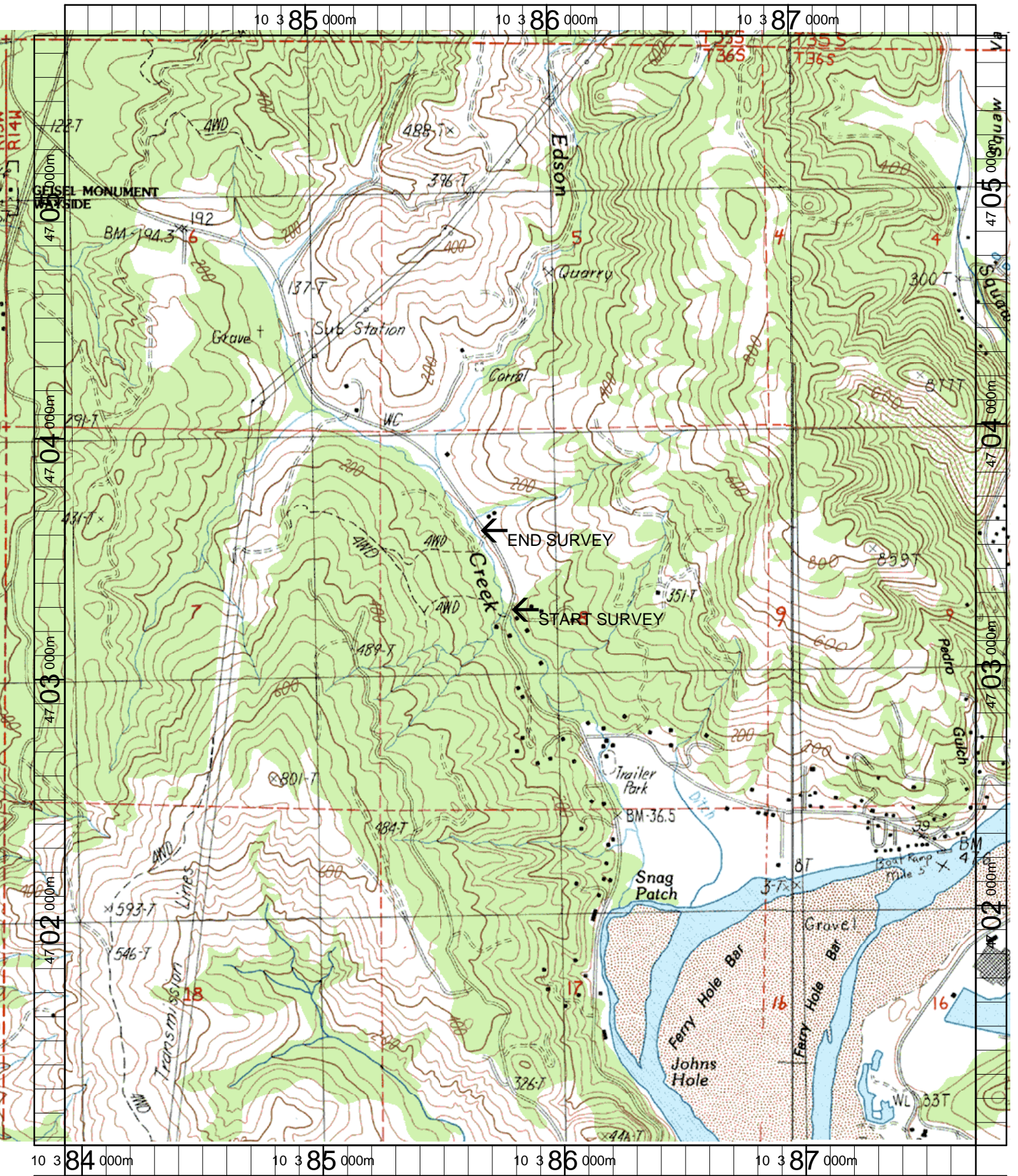
<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
1	LP	01	32	TJ/	T=11C/1523	
2	CB	11	32		HARDPAN, 1.2 ACW	
3	RP	00	43		W/2*2*1M DEEP POCKET	
4	SL	00	44	DJ	H=0.3M, WATER FLOWS	
5	DP	00	51.2	BV	EST PTC, MAX DEPTH	
6	SD	00	52.2	BV	H=0.45M	
7	DP	00	57.2		EST PTC, MAX DEPTH	
8	GL	01	73.7	/TJ	HARDPAN	
9	RB	11	73.7		TRIB UNIT	
11	LP	00	103		SM FISH, HARDPAN	
12	LP	00	116.4		HARDPAN	
13	GL	01	132.9	/TJ		
14	CB	11	132.9		TRIB UNIT	
17	RP	00	168.9		.4M POCKETS	
18	LP	00	181.2		HARDPAN	
19	LP	00	199.2		HARDPAN	
23	LP	00	257.3	BV	UNUSUAL SPOT	
26	LP	00	289.1	HS-1	HS-"SITE 5" ON FLAG	
30	LP	00	335.5	HS	"SITE 3" ON FLAG	
31	LP	00	353.8	SS/		
33	RI	00	395	HS		

Comment Summary

Restoration Monitoring Sites 2003

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

<u>UNIT#</u>	<u>TYPE</u>	<u>CHAN</u>	<u>DIST. (m)</u>	<u>COMMENTS</u>	<u>NOTE ESTIMATOR</u>	<u>NOTE NUMERATOR</u>
36	RI	00	437.2	SS/		
37	LP	00	456		HARDPAN	
38	RI	00	462.5	WL	HARDPAN, ANIMAL TRAIL	
40	LP	01	493.3	/TJ	RIPRAP, T=9C, END @ CU	



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