

REACH

T33S-R15W-S26SW

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	7.6	VWI Range:	3 - 9

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	494	4,179	0
Secondary			0

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	8.1	Width	9.5	15.1	16.9
Depth	0.65	Height	0.6	1.3	1.6
		W:D ratio	15.0	Entrenchment	1.6

Stream Flow Type:	MF	Water temp (C):	9.0 - 9.0
Avg. Unit Gradient:	0.5%	Habitat Units/100m:	4.5

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	GN	LT
Riparian Vegetation:	D15	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):	49	9.9
Volume (m ³):	21	4.3
Key pieces (>=10m x 0.60m):	1	0.2

OREGON DEPARTMENT OF FISH AND WILDLIFE

BRUSH CREEK SITE A PRE-TX (S-190)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/26/03

REACH		T33S-R15W-S26SW					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	
POOL-DAMMED	2	11	5.9	0.98	67	0	3	40	50	8	0	0	
POOL-LATERAL SCOUR	5	191	8.1	1.27	1,590	0	9	39	39	7	6	0	
POOL-PLUNGE	1	5	7.2	1.21	32	0	6	39	56	0	0	0	
RIFFLE	12	286	8.7	0.35	2,481	0	8	42	46	2	2	0	
STEP/LOG	2	1	7.0	0.28	8	0	0	30	58	10	3	0	
Total:	22	494	8.1	0.65	4,179	0	Avg 7	40	46	4	2	0	

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	11	5.9	0.98	67	1.61%	0	0.0	
Scour Pools	6	196	8.0	1.26	1,623	38.83%	0	0.0	
Glides	0	0			0	0.00%	0	0.0	
Riffles	12	286	8.7	0.35	2,481	59.37%	0	0.0	
Rapids	0	0			0	0.00%	0	0.0	
Cascades	0	0			0	0.00%	0	0.0	
Step/Falls	2	1	7.0	0.28	8	0.20%	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:	8	16.2
Pools >=1m deep:	7	14.2
Complex pools (LWD pieces>=3):	4	8.1
Pool frequency (channel widths/pool):	6.5	
Residual pool depth (avg):	0.86	

STREAM SUMMARY

BRUSH CREEK SITE A PRE-TX (S-190)

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	
22	494	8.1	0.65	4,179	7	40	46	4	2	0	

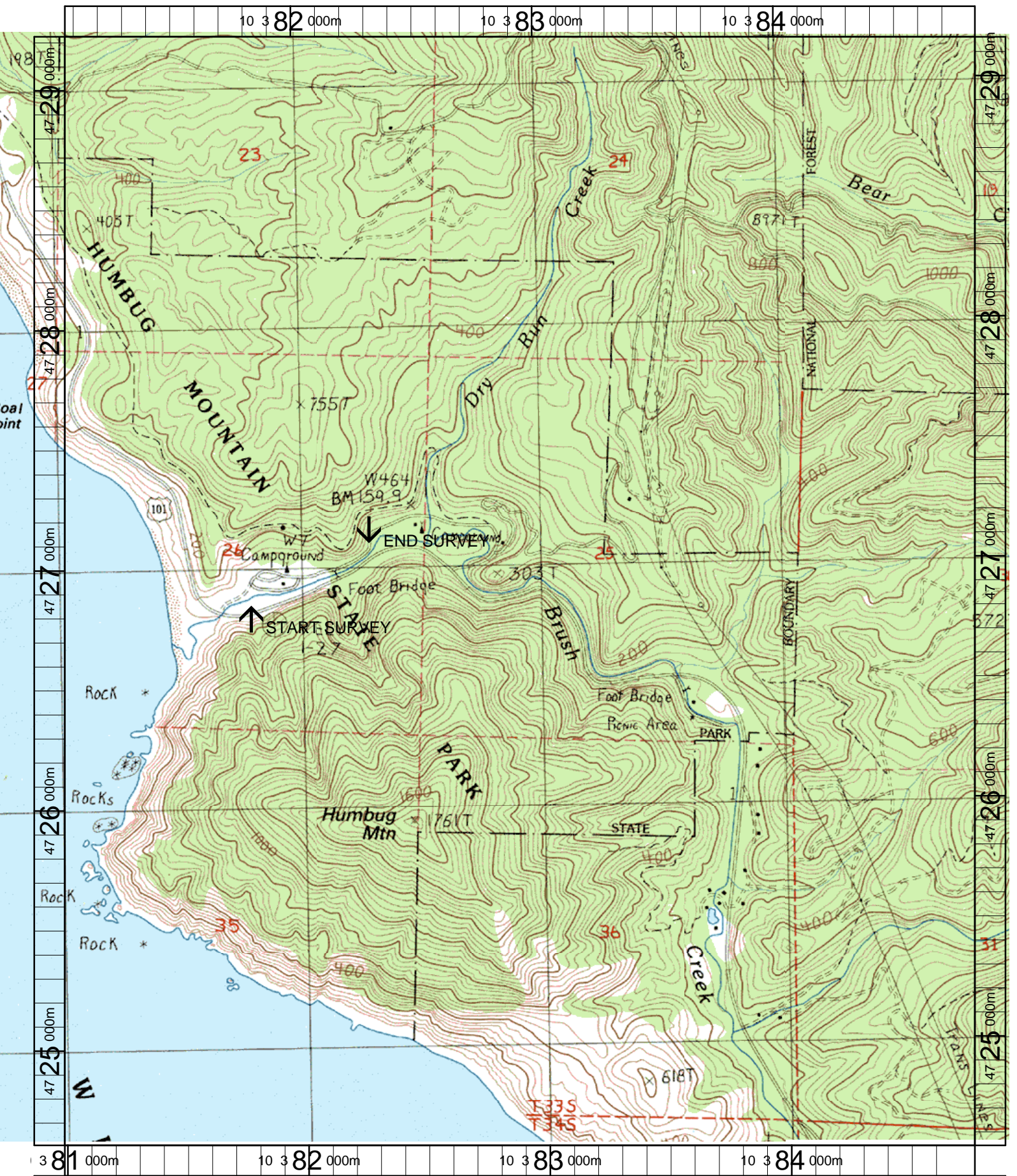
Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	67	1.61%
Scour Pools	1,623	38.83%
Glides	0	0.00%
Riffles	2,481	59.37%
Rapids	0	0.00%
Cascades	0	0.00%
Step/Falls	8	0.20%
Dry	0	0.00%
Culverts	0	0.00%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 5-SC SITE ID: 190 BRUSH CREEK SITE A PRE-TX (S-190)

<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	25			START @ SITE 7
2	LP	00	57.3	CS/		CAMPGROUND /HWY 101
3	LP	00	90.3			.9M DEEP POCKET-U1
4	DP	00	95.9	DJ		
5	PP	00	100.4	DJ		
6	SL	00	100.9			H=.3M
7	RI	00	125.9			SKUNK CABBAGE
8	RI	00	150.9	WL		STELLAR'S JAY
9	RI	00	175.9			GPS=0381988/4726932
11	RI	00	225.9	WL		CHICKADEE
16	LP	00	366.9	BC		FOOTBRIDGE
17	LP	00	414.9	/CS/		CS/=LWD+BLDRS
18	LP	00	442.9	CS/		CS/=LWD+BLDRS
19	SL	00	443.6	/CS		/CS=CBL+BLDR
20	DP	00	449.4	DJ, /CS		/CS=CBL+BLDR
21	RI	00	469	/CS/		BLDR WEIR
22	RI	00	494	/CE, /CS/		DRY, EOS



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

Location: 10 382908 E 4726888 N
 Caption: BRUSH CREEK SITE A RESTORATION SITE - OCEAN BASIN