

OREGON DEPARTMENT OF FISH AND WILDLIFE

DEEP CREEK PHASE 2 PRE-TX (S-79)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/25/03

REACH		T38S-R14W-S14SE					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
POOL-BACKWATER	1	5	2.0	0.50	10	0	80	5	5	10	0	0
POOL-LATERAL SCOUR	3	48	6.2	0.88	309	0	2	8	34	40	11	5
POOL-PLUNGE	5	52	7.2	1.06	383	0	3	13	39	33	11	1
RAPID/BOULDERS	7	137	5.9	0.26	891	0	1	6	38	41	15	0
RIFFLE	12	268	6.3	0.27	1,693	0	1	6	30	51	11	1
RIFFLE W/ POCKETS	1	11	7.0	0.40	77	0	0	10	30	55	5	0
STEP/LOG	1	0	0.8	0.05	0	0	0	20	50	30	0	0
STEP/STRUCTURE	5	7	3.6	0.20	25	0	0	11	40	45	4	0
Total:	35	528	5.7	0.43	3,388	0	Avg 3	8	34	43	10	1

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	1	5	2.0	0.50	10	0.30%	0	0.0
Scour Pools	8	100	6.8	0.99	692	20.41%	0	0.0
Glides	0	0			0	0.00%	0	0.0
Riffles	13	279	6.4	0.28	1,770	52.24%	0	0.0
Rapids	7	137	5.9	0.26	891	26.29%	0	0.0
Cascades	0	0			0	0.00%	0	0.0
Step/Falls	6	7	3.1	0.17	26	0.76%	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:	9	17.4
Pools >=1m deep:	3	5.8
Complex pools (LWD pieces>=3):	1	1.9
Pool frequency (channel widths/pool):	6.4	
Residual pool depth (avg):	0.67	

STREAM SUMMARY

DEEP CREEK PHASE 2 PRE-TX (S-79)

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	
35	528	5.7	0.43	3,388	3	8	34	43	10	1	

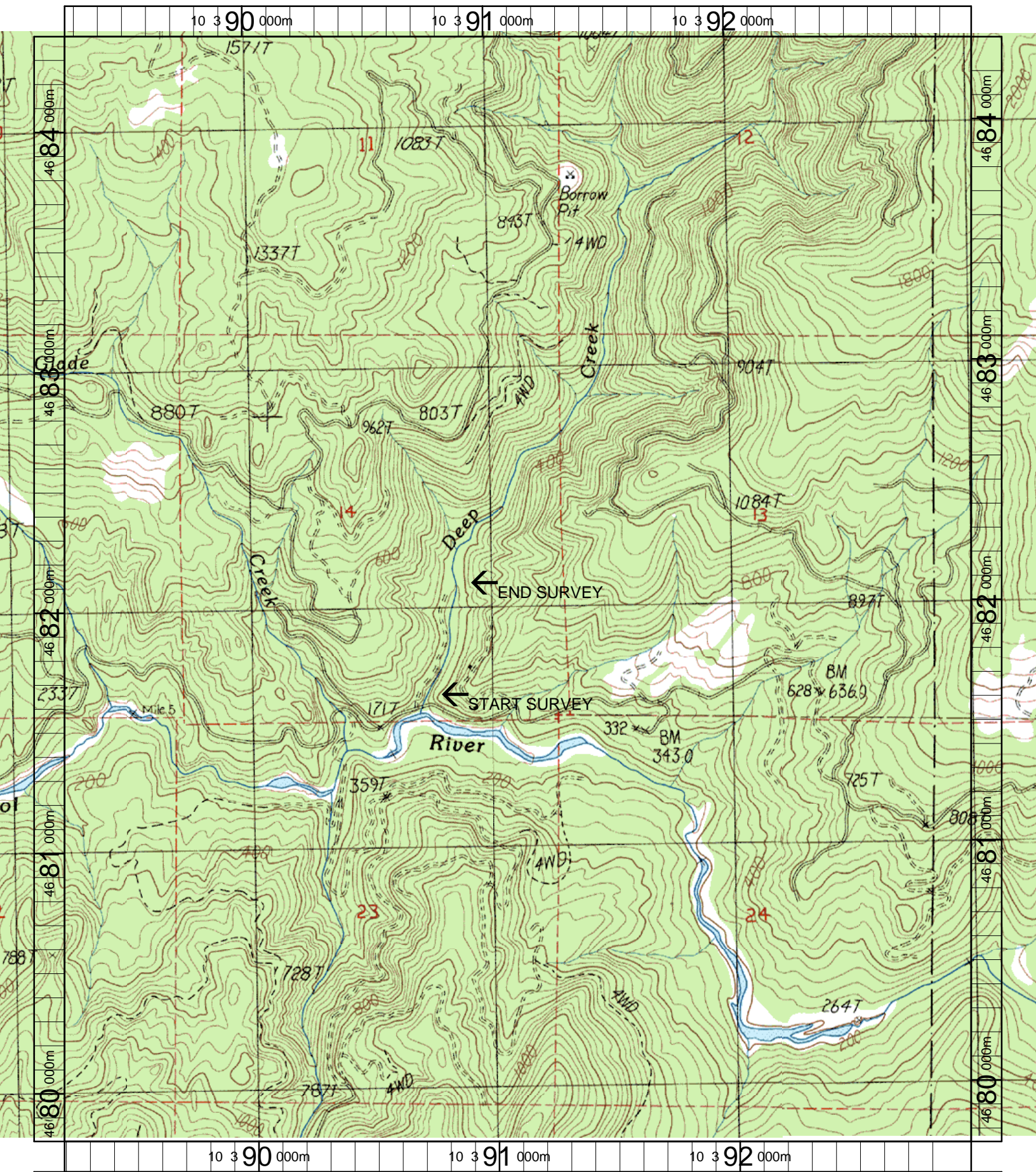
Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	10	0.30%
Scour Pools	692	20.41%
Glides	0	0.00%
Riffles	1,770	52.24%
Rapids	891	26.29%
Cascades	0	0.00%
Step/Falls	26	0.76%
Dry	0	0.00%
Culverts	0	0.00%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 5-SC SITE ID: 79 DEEP CREEK PHASE 2 PRE-TX (S-79)

UNIT#	TYPE	CHAN	DIST. (m)	COMMENTS	NOTE ESTIMATOR	NOTE NUMERATOR
1	RI	01	21.9		START ALDER/, T=9C	
2	BW	10	21.9		ALDER, MYRTLE THROU	
4	RI	00	66.9	HS		
8	SS	00	103	HS	V-SHAPED	
12	SS	00	166.3	HS	WATER FLOWS UNDER	
18	RI	00	289	CS/	OLD CABLED HS	
20	SS	00	301.8	HS	V-SHAPED WOOD	
22	RI	01	351.8	TJ/		
23	RB	11	351.8		TRIB UNIT, SPLITS INTO 2	
25	RI	00	371.5		0390846/4682006	
27	SS	00	388.2	HS	CABLED V-SHAPED WOO	
30	SS	00	425.3	HS	CABLED WOOD W/BLDRS	
32	RP	00	450.1		.7M POCKET, 2*2	
35	RB	00	517.9		EOS SIGN ALDER/, T=9.5	



Name: SUNDOWN MT
 Date: 6/18/2003
 Scale: 1 inch equals 1666 feet

Location: 10 391107 E 4682075 N
 Caption: DEEP CREEK PHASE 2 RESTORATION SITE - PISTOL RIVER BASIN