

OREGON DEPARTMENT OF FISH AND WILDLIFE

GOURLAY CREEK PRE-TX (L-201)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

1/30/03

REACH		T03N-R02W-S17SE					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	
CASCADE/BOULDERS	2	75	4.5	0.45	335	0	13	35	28	20	5	0	
POOL-BACKWATER	3	6	1.3	0.23	7	0	70	15	12	3	0	0	
POOL-ISOLATED	1	14	5.5	0.70	78	0	100	0	0	0	0	0	
POOL-LATERAL SCOUR	4	45	4.6	0.70	209	0	10	28	31	22	9	0	
POOL-PLUNGE	1	6	6.4	0.50	36	0	15	25	30	20	10	0	
RAPID/BOULDERS	4	141	3.9	0.35	584	0	6	21	23	25	25	0	
RIFFLE	10	253	5.1	0.34	1,311	0	8	29	28	23	12	0	
Total:	25	539	4.4	0.42	2,561	0	Avg 20	25	25	20	11	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	4	20	2.3	0.35	86	3.34%	0	0.0	
Scour Pools	5	51	4.9	0.66	245	9.57%	0	0.0	
Glides	0	0			0	0.00%	0	0.0	
Riffles	10	253	5.1	0.34	1,311	51.19%	0	0.0	
Rapids	4	141	3.9	0.35	584	22.81%	0	0.0	
Cascades	2	75	4.5	0.45	335	13.09%	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:	9	18.8
Pools >=1m deep:	0	0.0
Complex pools (LWD pieces>=3):	3	6.3
Pool frequency (channel widths/pool):	7.4	
Residual pool depth (avg):	0.36	

STREAM SUMMARY

GOURLAY CREEK PRE-TX (L-201)

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	
25	539	4.4	0.42	2,561	20	25	25	20	11	0	

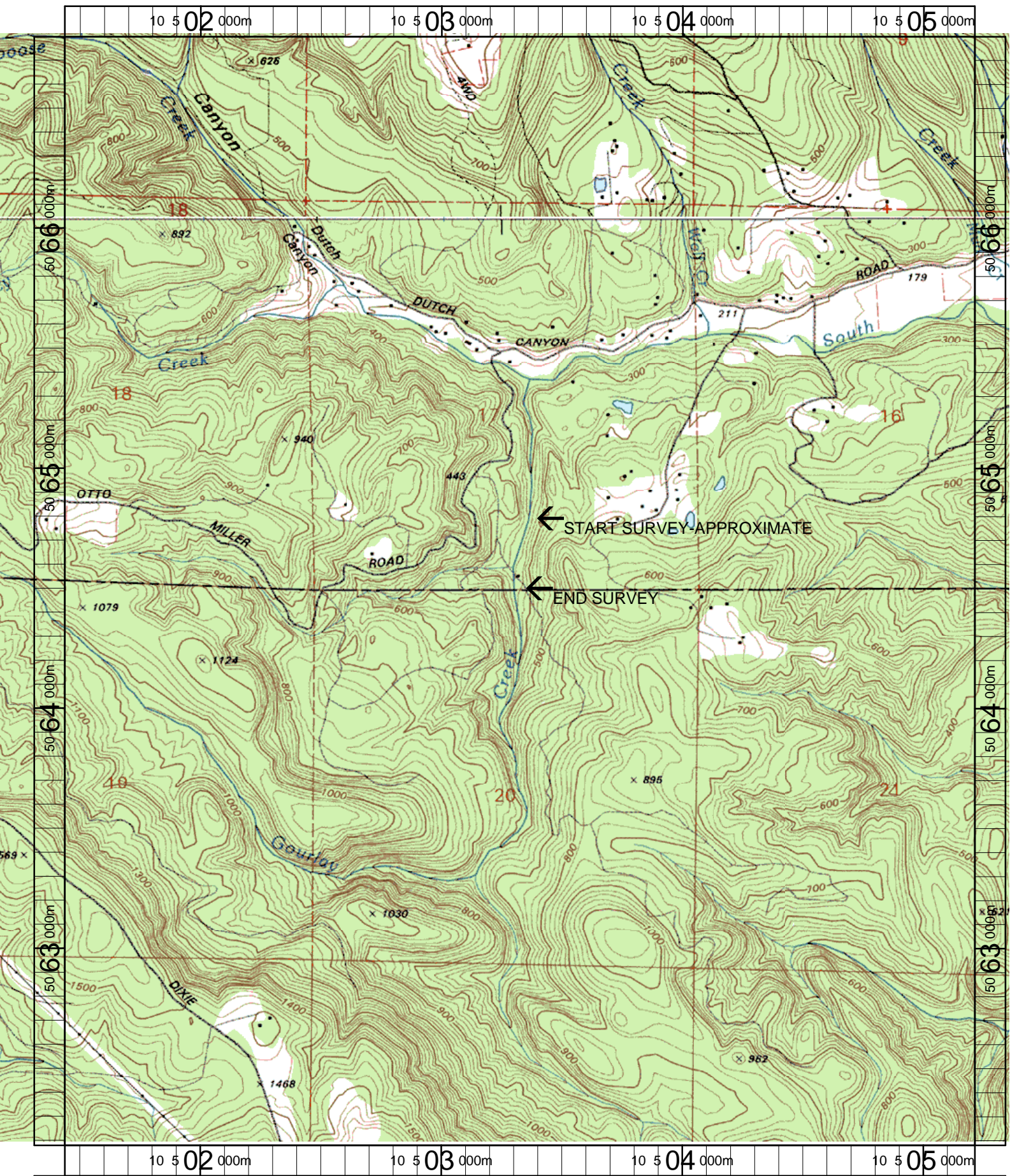
Habitat Group	Wetted Area	
	(m ²)	Percent
Dammed & BW Pools	86	3.34%
Scour Pools	245	9.57%
Glides	0	0.00%
Riffles	1,311	51.19%
Rapids	584	22.81%
Cascades	335	13.09%
Step/Falls	0	0.00%
Dry	0	0.00%
Culverts	0	0.00%

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 7-L SITE ID: 201 GOURLAY CREEK PRE-TX (L-201)

<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	28.3		T=8C/1015	
2	PP	00	34		TERR/ IS RD	
4	BW	10	77.3		/BW	
16	LP	01	305.6	BV		
17	RI	01	329.4	/LS		
23	RB	01	445.3	/TJ		
25	RB	00	479.3		T=8C	



Name: DIXIE MT
 Date: 6/11/2003
 Scale: 1 inch equals 1666 feet

Location: 10 503320 E 5064493 N
 Caption: GOURLAY CREEK RESTORATION SITE - SCAPPOOSE BASIN