

REACH 1

T36S-R14W-27NW

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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	0
Moderate V-shape	0	Multiple Terraces	100
Open V-shape	0	Wide Floodplain	0

Valley Width Index avg: 4.7 range: 2.0-8.0

Channel Morphology (Percent Reach Length)

<u>Constrained</u>		<u>Unconstrained</u>	
Hillslope	0	Single Channel	100
Bedrock	0	Multiple Channel	0
Terrace	0	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	265	1,780	0
Secondary	66	48	0

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	5.9	Width	13.7	35.9	15.6
Depth	0.45	Height	0.8	1.6	1.1
		W:D ratio	17.1	Entrenchment	2.8

Stream Flow Type: MF Water Temp: 7.0-7.0°C
Avg. Unit Gradient: 2.0% Habitat Units/100m: 4.8

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	ST	YT
Riparian Vegetation:	D3	S

Bank Condition and Shade

<u>Bank Status</u>	<u>Percent Reach Length</u>	<u>Shade (% of 180)</u>
Actively Eroding	0%	Reach avg: 0%
Undercut Banks	0%	Range: 0- 0

Large Woody Debris

	<u>Total</u>	<u>Total/100m</u>
All pieces (≥3m x 0.15m)	60	22.6
Volume (m ³)	56	21.1
Key pieces (≥10m x 0.6m)	3	1.1

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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	Cbbl	Eldr	Bdrk
CASCADE/BOULDERS	3	58	5.6	0.22	331	0	3	7	17	45	28	0
POOL-LATERAL SCOUR	4	55	6.7	0.68	364	0	0	10	15	48	28	0
POOL-STRAIGHT SCOUR	2	37	4.7	0.81	179	0	3	18	30	28	23	0
RAPID/BOULDERS	3	63	5.5	0.38	356	0	0	3	5	48	43	0
RIFFLE	2	71	4.4	0.16	232	0	15	18	15	30	23	0
RIFFLE W/ POCKETS	2	47	7.7	0.33	366	0	0	5	10	48	38	0
Total:	16	331	5.9	0.45	1,827	0	Avg: 3	9	15	43	31	0

HABITAT SUMMARY

Habitat Group	No. Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Wetted Area (m ²)	Area Percent	Large Boulders Number	#/100m ²
Dammed & BW Pools	0	0	-	-	0	0.00	0	0.0
Scour Pools	6	92	6.0	0.72	543	29.70	0	0.0
Glides	0	0	-	-	0	0.00	0	0.0
Riffles	4	118	6.0	0.25	598	32.72	0	0.0
Rapids	3	63	5.5	0.38	356	19.48	0	0.0
Cascades	3	58	5.6	0.22	331	18.10	0	0.0
Step/Falls	0	0	-	-	0	0.00	0	0.0
Dry	0	0	-	-	0	0.00	0	0.0

POOL SUMMARY

	Total	#/Km
All Pools	6	18.1
Pools ≥1m deep:	0	0.0
Complex pools (LWD pieces ≥3):	4	12.1
Pool Frequency (channel widths/pool):	4.0	
Residual pool depth (avg)	0.43m	

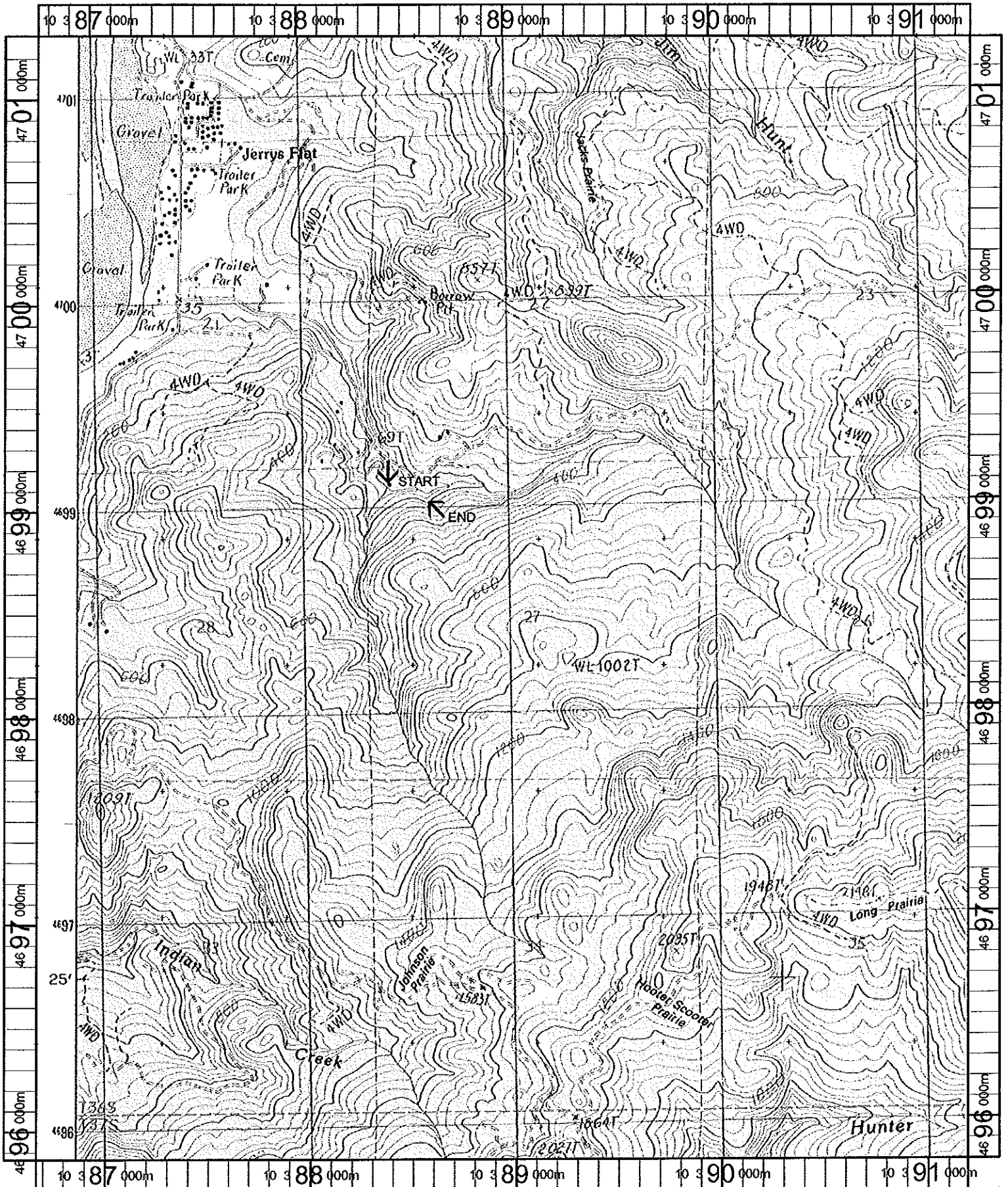
STREAM SUMMARY

NORTH FK. SAUNDERS CR. (PRE-TX)

Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m ²)	Substrate Percent Wetted Area					Total Large Boulder	
					S/O	Sand	Grvl	Cbbl	Bldr		Bdrk
16	331	5.9	0.45	1,827	3	9	15	43	31	0	0

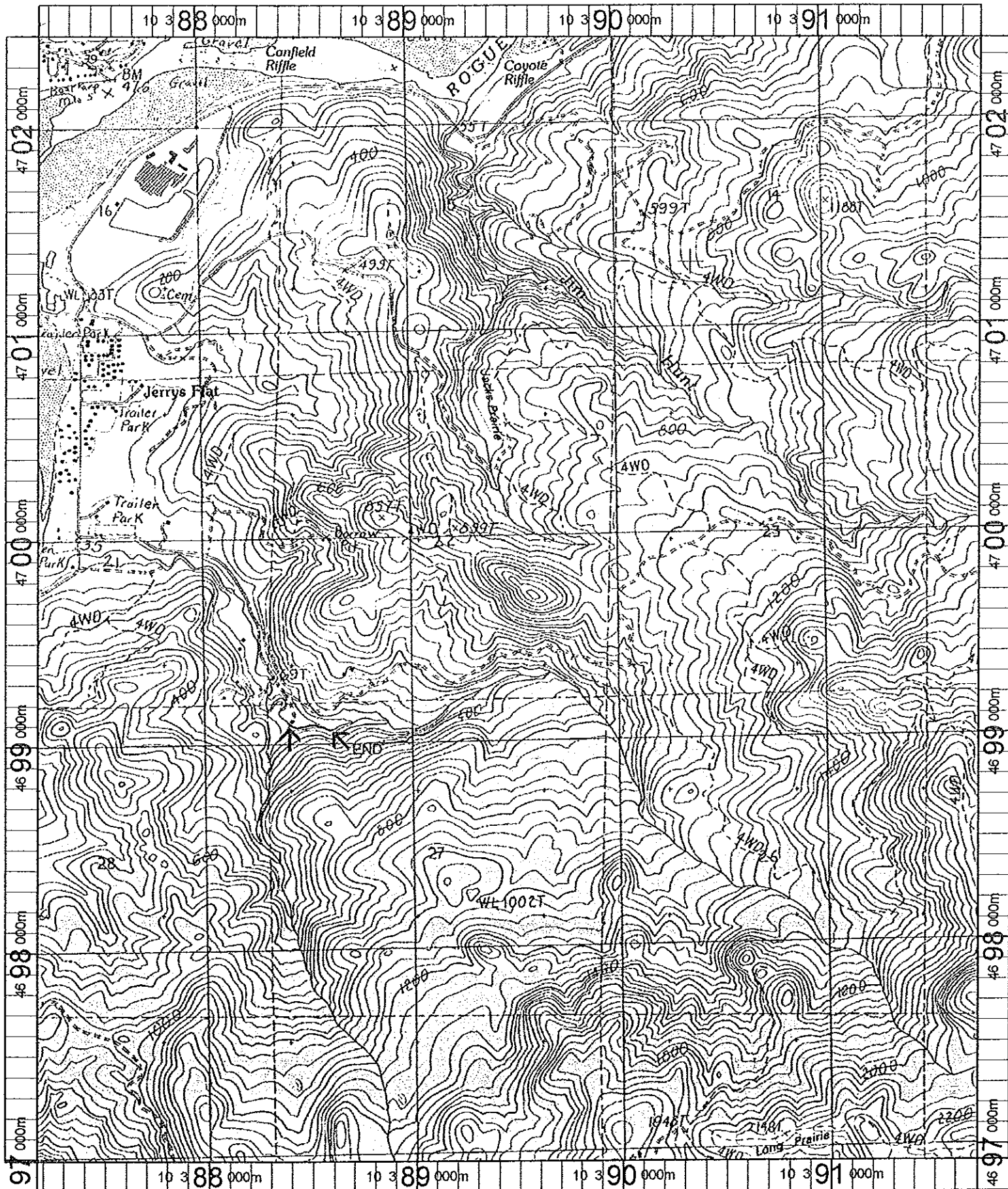
Wetted Area

Habitat Group	(m ²)	Percent
Scour Pool	543	29.7
Backwater Pools	0	0.0
Glide	0	0.0
Riffle	598	32.7
Rapid	356	19.5
Cascade	331	18.1
Step	0	0.0
Dry	0	0.0



Name: SIGNAL BUTTES
 Date: 10/16/100
 Scale: 1 inch equals 2000 feet

Location: 10 38866 E 4698538 N
 Caption: NORTH FORK SAUNDERS CREEK RESTORATION SITE - ROGUE BASIN



Name: SIGNAL BUTTES
 Date: 5/8/100
 Scale: 1 inch equals 2000 feet

Location: 10 389379 E 4699671 N
 Caption: N FK SAUNDERS
 RESTORATION SITE
 ODFW 2000