

REACH 1

T19S-R06W-S28W

REACH 1

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 avg: 10.0 range: 10.0-10.0

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	432	2,618	0
Secondary	9	5	0

Channel Dimensions (m)

<u>Wetted</u>		<u>Active</u>		<u>Floodprone</u>	<u>First Terrace</u>
Width	5.8	Width	7.9	12.9	14.5
Depth	0.44	Height	0.6	1.2	1.3
		W:D ratio	13.6	Entrenchment	1.6

Stream Flow Type: MF Water Temp: 7.0-7.0°C
Avg. Unit Gradient: 0.8% Habitat Units/100m: 4.5

Riparian, Bank, and Wood Summary

	<u>Primary</u>	<u>Secondary</u>
Land Use:	ST	TH
Riparian Vegetation:	D30	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)	81	18.7
Volume (m ³)	120	27.7
Key pieces (≥10m x 0.6m)	2	0.5

HABITAT UNIT SUMMARY

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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	Bldr	Bdrk
CASCADE/BOULDERS	1	9	0.6	0.03	5	0	5	57	38	0	0	0
POOL-LATERAL SCOUR	9	160	6.4	0.72	1,011	0	4	24	18	0	0	54
RIFFLE	7	262	5.9	0.29	1,548	0	1	27	51	1	0	20
STEP/BEDROCK	1	1	4.4	0.05	3	0	0	0	0	0	0	100
STEP/COBBLE	2	10	6.3	0.18	56	0	0	10	80	8	0	3
Total:	20	441	5.8	0.44	2,624	0	Avg: 3	24	36	1	0	37

HABITAT SUMMARY

Habitat Group	No. Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Wetted Area (m ²) Percent		Large Boulders Number	#/100m ²
Dammed & BW Pools	0	0	-	-	0	0.00	0	0.0
Scour Pools	9	160	6.4	0.72	1,011	38.55	0	0.0
Glides	0	0	-	-	0	0.00	0	0.0
Riffles	7	262	5.9	0.29	1,548	59.01	0	0.0
Rapids	0	0	-	-	0	0.00	0	0.0
Cascades	1	9	0.6	0.03	5	0.20	0	0.0
Step/Falls	3	10	5.6	0.13	59	2.24	0	0.0
Dry	0	0	-	-	0	0.00	0	0.0

POOL SUMMARY

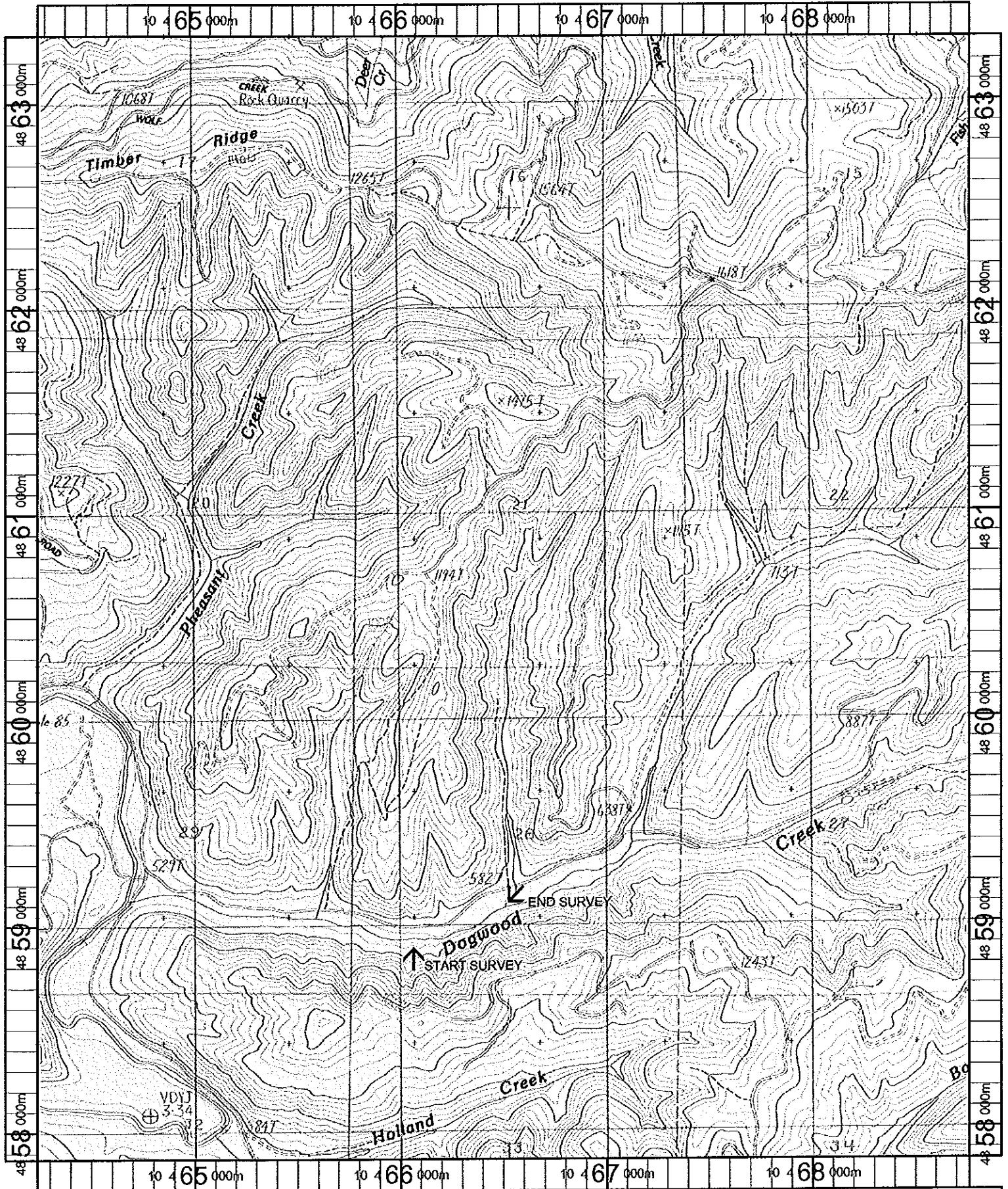
All Pools	<u>Total</u>	9	<u>#/Km</u>	20.4
Pools ≥1m deep:		0		0.0
Complex pools (LWD pieces ≥3):		8		18.1
Pool Frequency (channel widths/pool):		6.2		
Residual pool depth (avg)		0.58m		

STREAM SUMMARY

DOGWOOD CREEK 1A (POST WIN 00)

Number Units	Total Length (m)	Avg Width (m)	Avg Depth (m)	Total Area (m ²)	Substrate						Total Large Boulder
					Percent Wetted Area						
					S/O	Sand	Grvl	Cbbl	Bldr	Bdrk	
20	441	5.8	0.44	2,624	3	24	36	1	0	37	0

Habitat Group	Wetted Area	
	(m ²)	Percent
Scour Pool	1,011	38.5
Backwater Pools	0	0.0
Glide	0	0.0
Riffle	1,548	59.0
Rapid	0	0.0
Cascade	5	0.2
Step	59	2.2
Dry	0	0.0



<p>Name: HIGH POINT Date: 10/16/100 Scale: 1 inch equals 2000 feet</p>	<p>Location: 10 466415 E 4860573 N Caption: DOGWOOD CREEK RESTORATION SITE - SIUSLAW BASIN</p>
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