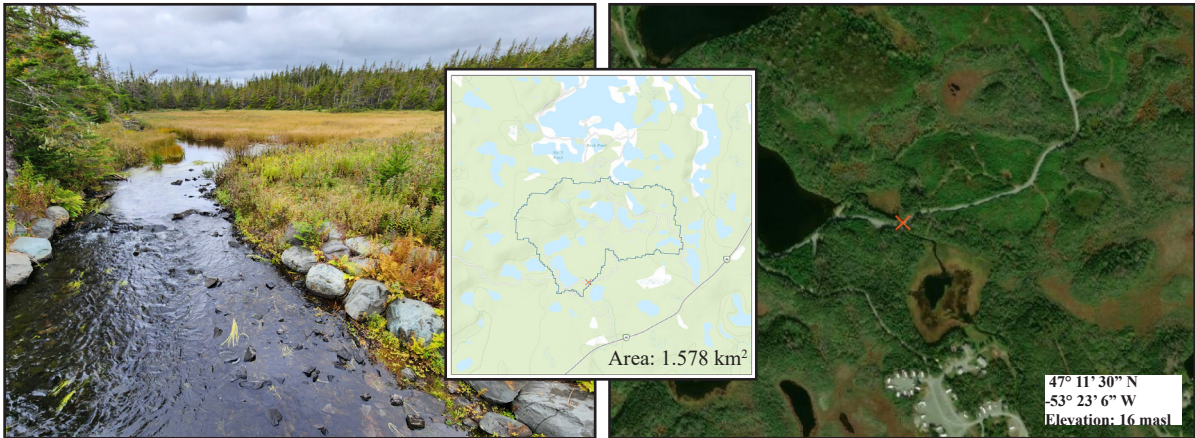




Site Description

Site Code	NF02ZN0011
Name	Caribou Pond Brook ab. Access Road
Date Sampled	October 7, 2024
Ecoregion(s)	Avalon Forest
Stream Order	2
Basin	Salmonier River
Sampled By	NL
Accessibility	10m upstream of bridge on Dawes Pond Rd.

Channel Data

Bankful Width	5 m
Wetted Width	4.1 m
Avg. Velocity	0.33 m/s
Max. Velocity	0.49 m/s
Avg. Channel Depth	18.3 cm
Max. Channel Depth	20 cm
Bankfull-Wetted Depth	26 cm
Slope	0.014

Substrate

Dominant Substrate	small cobble
2nd Dominant Substrate	cobble
Surrounding Material	small pebble
Embeddedness	unembedded
Median Particle Size	8 cm
Geometric Mean Particle Size	8.1 cm
Photo of Substrate	

Substrate Size Class Categories: Organic cover; Sand/silt/clay (< 0.1 cm); Coarse sand (0.1 - 0.2 cm); Gravel (0.2 - 1.6 cm); Small pebble (1.6 - 3.2 cm); Large pebble (3.2 - 6.4 cm); Small cobble (6.4 - 12.8 cm); Large cobble (12.8 - 25.6 cm); Boulder (> 25.6 cm); Bedrock.

Reach Data

Reach Characteristics			
Riffle	Rapid	Straight Run	Pool
X		X	X
Surrounding Vegetation (D=dominant)			
Ferns/Grasses	Shrubs	Deciduous Trees	Coniferous Trees
D	X		X
Canopy Coverage		1 - 25 %	
Macrophyte Coverage		1 - 25 %	
Periphyton Coverage		1 - 5 mm thick	

Water Chemistry

Parameter	Value	Units
pH	6.77	pH units
Conductivity	33	uS/cm
Dissolved Oxygen	10.19	mg/L
Temperature	12.521	°C
Turbidity	0.87	NTU
Copper	0.25	µg/L
Iron	78.2	µg/L
Lead	0.01	µg/L
Zinc	0.29	µg/L
Chloride	5.2	mg/L
Phosphorous (Total)	0.003	mg/L
Nitrate	0.03	mg/L
Nickel	0.097	µg/L