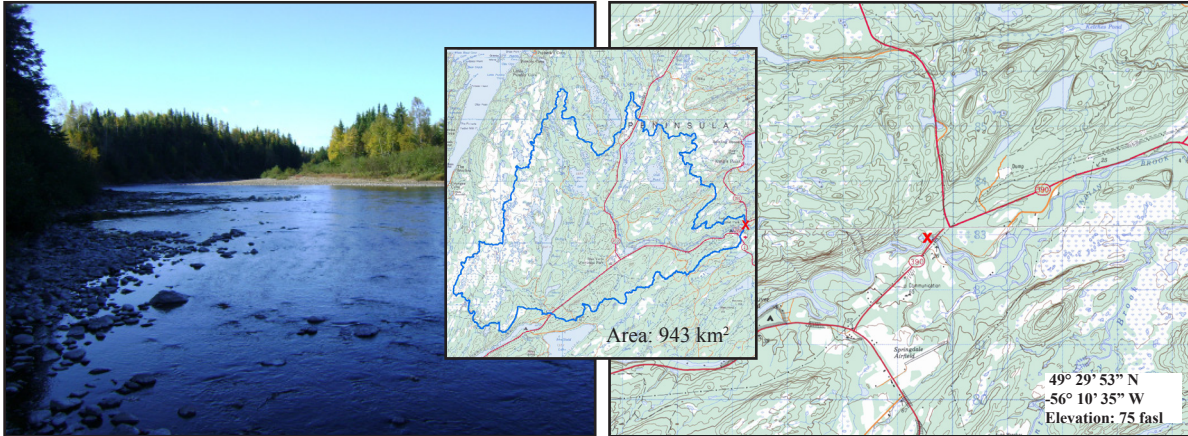


Indian Brook at Route 390

NF02YM0003

CENTRAL



Site Description

Site Code	NF02YM0003
Name	Indian Brook
Date Sampled	Oct. 9, 2008
Ecoregion(s)	Central Newfoundland
Stream Order	6
Basin	Indian Brook
Sampled By	NL
Accessibility	Sampled 100 m upstream of bridge on Route 390

Reach Data

Reach Characteristics			
Riffle	Rapid	Straight Run	Pool
X			
Surrounding Vegetation (D=dominant)			
Ferns/Grasses	Shrubs	Deciduous Trees	Coniferous Trees
X	X	X	X (D)
Canopy Coverage		0 %	
Macrophyte Coverage		0 %	
Periphyton Coverage		0.5-1 mm thick	

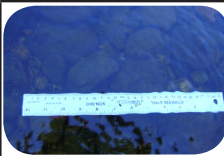
Channel Data

Bankful Width	53.1 m
Wetted Width	34.7 m
Avg. Velocity	0.44 m/s
Max. Velocity	0.80 m/s
Avg. Channel Depth	26 cm
Max. Channel Depth	35.5 cm
Bankfull-Wetted Depth	60 cm
Slope	n/a

Water Chemistry

Parameter	Value	Units
pH	6.80	pH units
Conductivity	51	uS/cm
Dissolved Oxygen	12.72	mg/L
Temperature	5.22	°C
Turbidity	0.3	NTU
Copper	0.2	ug/L
Iron	0.016	mg/L
Lead	0.01	ug/L
Zinc	0.3	ug/L
Chloride	4.27	mg/L
Phosphorous (Total)	0.003	mg/L
Nitrate	0.03	mg/L
Nickel	1.80	ug/L

Substrate

Dominant Substrate	small cobble
2nd Dominant Substrate	large pebble
Surrounding Material	n/a
Embeddedness	n/a
Median Particle Size	4.8 cm
Geometric Mean Particle Size	8.2 cm
Photo of Substrate	
<small>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.</small>	