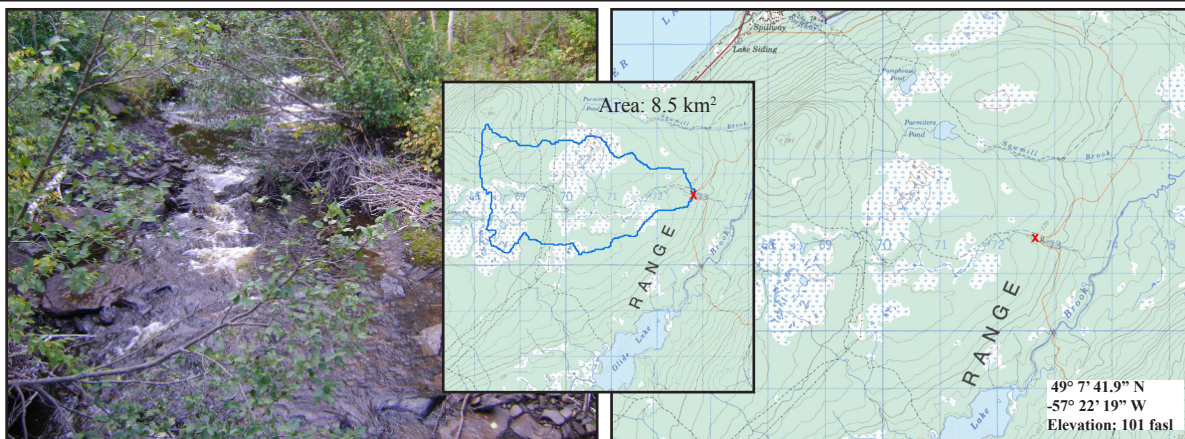


# Tributary to Glide Brook below Glide Lake

NF02YK0032

WESTERN



## Site Description

Site Code	NF02YK0032
Name	Unnamed Stream
Date Sampled	Sept. 23, 2010
Ecoregion(s)	Southwestern Newfoundland
Stream Order	3
Basin	Humber River
Sampled By	NL/EC
Accessibility	Sampled upstream of bridge on Glide Lake access road, 11.5 km from TCH

## Reach Data

Reach Characteristics			
Riffle	Rapid	Straight Run	Pool
X	X		X
Surrounding Vegetation (D=dominant)			
Ferns/Grasses	Shrubs	Deciduous Trees	Coniferous Trees
X	X	X (D)	X
<b>Canopy Coverage</b>		1-25 %	
<b>Macrophyte Coverage</b>		0 %	
<b>Periphyton Coverage</b>		<0.5 mm thick	

## Channel Data

Bankful Width	8.0 m
Wetted Width	5.5 m
Avg. Velocity	0.34 m/s
Max. Velocity	1.15 m/s
Avg. Channel Depth	20.2 cm
Max. Channel Depth	28 cm
Bankfull-Wetted Depth	70 cm
Slope	0.08 m/m

## Water Chemistry

Parameter	Value	Units
pH	6.70	pH units
Conductivity	32.9	uS/cm
Dissolved Oxygen	10.42	mg/L
Temperature	10.2	°C
Turbidity	0	NTU
Copper	0.19	ug/L
Iron	0.56	mg/L
Lead	0.1	ug/L
Zinc	1.2	ug/L
Chloride	2.56	mg/L
Phosphorous (Total)	0.005	mg/L
Nitrate	<0.02	mg/L
Nickel	2.46	ug/L

## Substrate

Dominant Substrate	large cobble
2nd Dominant Substrate	large pebble
Surrounding Material	coarse sand
Embeddedness	1/4 embedded
Median Particle Size	6.5 cm
Geometric Mean Particle Size	6.8 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.