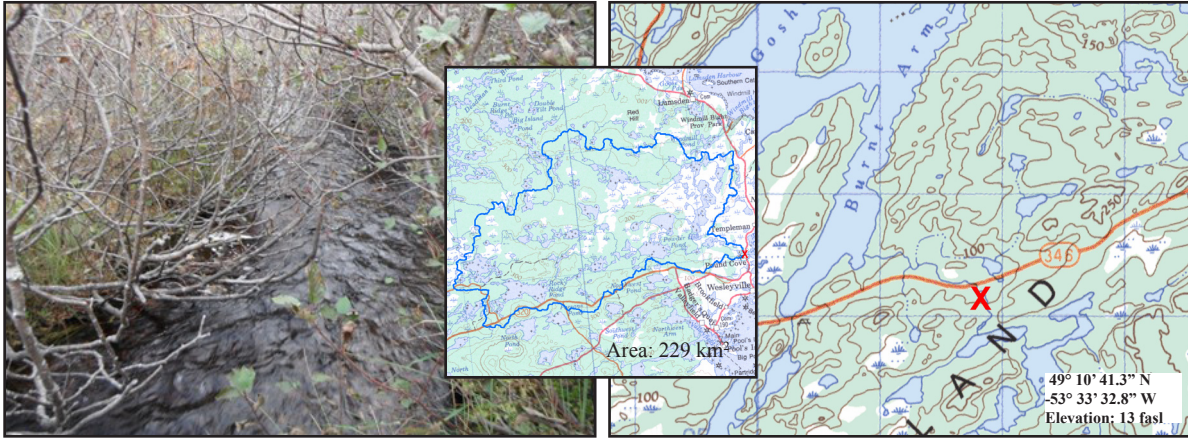


# Pound Cove Brook at Route 330

NF02YR0001

CENTRAL



## Site Description

Site Code	NF02YR0001
Name	Pound Cove Brook
Date Sampled	Oct. 18, 2012
Ecoregion(s)	Northeastern Nfld/Central Nfld
Stream Order	4
Basin	Pound Cove Brook
Sampled By	NL
Accessibility	Sampled 20m upstream of culverted crossing at Route 330 in Pound Cove

## Reach Data

Reach Characteristics			
Riffle	Rapid	Straight Run	Pool
X		X	
Surrounding Vegetation (D=dominant)			
Ferns/Grasses	Shrubs	Deciduous Trees	Coniferous Trees
X	X (D)	X	X
<b>Canopy Coverage</b>		26-50 %	
<b>Macrophyte Coverage</b>		0 %	
<b>Periphyton Coverage</b>		<0.5 mm thick	


## Channel Data

Bankful Width	8.75 m
Wetted Width	2.15 m
Avg. Velocity	0.34 m/s
Max. Velocity	0.41 m/s
Avg. Channel Depth	13.12 cm
Max. Channel Depth	16.00 cm
Bankfull-Wetted Depth	70 cm
Slope	0.001 m/m

## Water Chemistry

Parameter	Value	Units
pH	4.71	pH units
Conductivity	41.4	uS/cm
Dissolved Oxygen	11.37	mg/L
Temperature	7.87	°C
Turbidity	0	NTU
Copper	0.17	ug/L
Iron	0.75	mg/L
Lead	0.46	ug/L
Zinc	1.22	ug/L
Chloride	8.19	mg/L
Phosphorous (Total)	0.01	mg/L
Nitrate	<0.02	mg/L
Nickel	2.45	ug/L

## Substrate

Dominant Substrate	large pebble
2nd Dominant Substrate	small pebble
Surrounding Material	coarse sand
Embeddedness	unembedded
Median Particle Size	3.5 cm
Geometric Mean Particle Size	3.1 cm
Photo of Substrate	
<small>Substrate Size Class Categories: Organic cover; Sand/silt/clay (&lt; 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 (&gt; 25.6 cm); Bedrock.</small>	