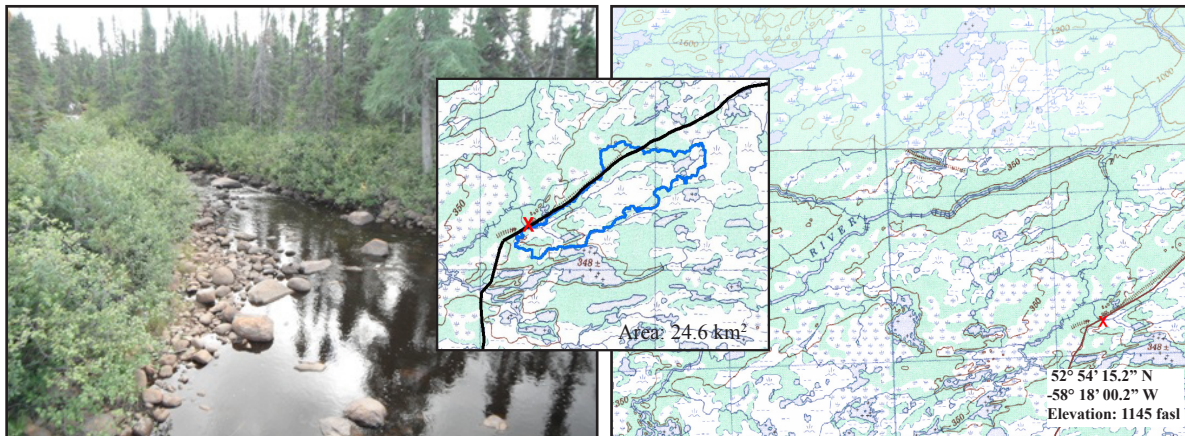


Tributary to Eagle River 230km from Churchill River

NF03QC0083

LABRADOR



Site Description

Site Code	NF03QC0083
Name	Trib. to Eagle River
Date Sampled	Aug. 29, 2012
Ecoregion(s)	Eagle Plateau
Stream Order	3
Basin	Eagle River
Sampled By	NL
Accessibility	Sampled upstream of culvert crossing Route 510, 230km SE of Churchill River Bridge

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
Canopy Coverage		1-25 %	
Macrophyte Coverage		0 %	
Periphyton Coverage		5-20 mm thick	


Channel Data

Bankful Width	7.10 m
Wetted Width	5.45 m
Avg. Velocity	0.18 m/s
Max. Velocity	0.44 m/s
Avg. Channel Depth	18 cm
Max. Channel Depth	21 cm
Bankfull-Wetted Depth	80 cm
Slope	0.009 m/m

Water Chemistry

Parameter	Value	Units
pH	6.42	pH units
Conductivity	16.9	uS/cm
Dissolved Oxygen	8.27	mg/L
Temperature	18.43	°C
Turbidity	7.3	NTU
Copper	0.12	ug/L
Iron	5.62	mg/L
Lead	0.14	ug/L
Zinc	0.57	ug/L
Chloride	0.60	mg/L
Phosphorous (Total)	0.019	mg/L
Nitrate	<0.02	mg/L
Nickel	17.35	ug/L

Substrate

Dominant Substrate	large cobble
2nd Dominant Substrate	small cobble
Surrounding Material	small cobble
Embeddedness	unembedded
Median Particle Size	19.0 cm
Geometric Mean Particle Size	18.6 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>	