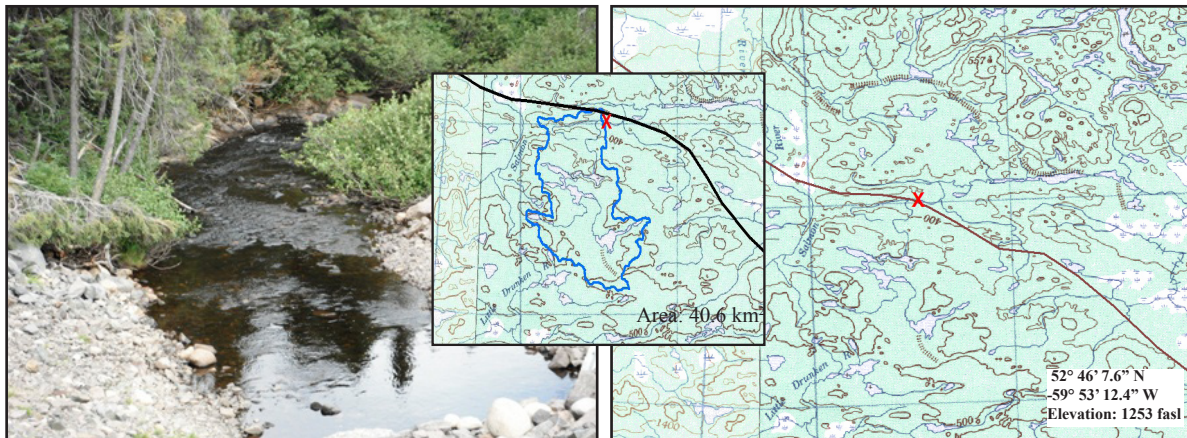


Tributary to Eagle River 83km from Churchill River

NF03QC0084

LABRADOR



Site Description

Site Code	NF03QC0084
Name	Tributary to Eagle River
Date Sampled	Aug. 29, 2012
Ecoregion(s)	Eagle Plateau
Stream Order	3
Basin	Eagle River
Sampled By	NL
Accessibility	Sampled downstream of culvert crossing Route 510, 83km 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
Canopy Coverage		1-25 %	
Macrophyte Coverage		1-25 %	
Periphyton Coverage		1-5 mm thick	

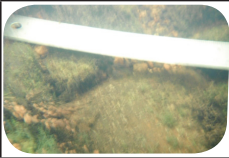
Channel Data

Bankful Width	8.3 m
Wetted Width	4.1 m
Avg. Velocity	0.4 m/s
Max. Velocity	0.55 m/s
Avg. Channel Depth	15 cm
Max. Channel Depth	19 cm
Bankfull-Wetted Depth	85 cm
Slope	0.02 m/m

Water Chemistry

Parameter	Value	Units
pH	6.65	pH units
Conductivity	16.1	uS/cm
Dissolved Oxygen	8.86	mg/L
Temperature	16.11	°C
Turbidity	0	NTU
Copper	0.5	ug/L
Iron	0.44	mg/L
Lead	0.08	ug/L
Zinc	9.03	ug/L
Chloride	0.29	mg/L
Phosphorous (Total)	0.008	mg/L
Nitrate	<0.02	mg/L
Nickel	1.55	ug/L

Substrate

Dominant Substrate	small cobble
2nd Dominant Substrate	large pebble
Surrounding Material	gravel
Embeddedness	unembedded
Median Particle Size	8.0 cm
Geometric Mean Particle Size	7.6 cm
Photo of Substrate	
<i>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.</i>	