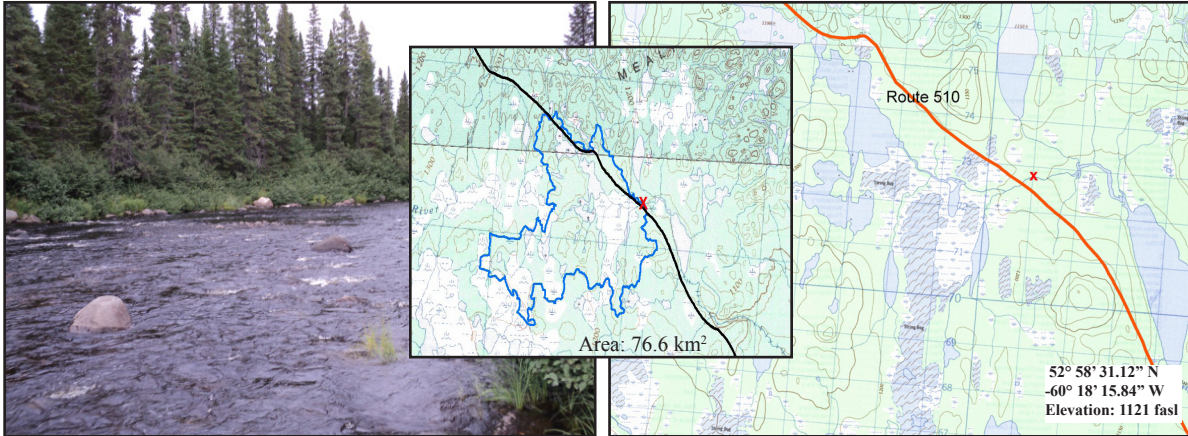


Unnamed River at TLH West of Kenamu River

NF03QA0067

LABRADOR



Site Description

Site Code	NF03QA0067
Name	Unnamed River
Date Sampled	Sept. 9, 2010
Ecoregion(s)	Mecatina River
Stream Order	4
Basin	Kenamu River
Sampled By	NL
Accessibility	Sampled 30m downstream of culvert crossing Route 510, 44km south of Route 500/510 junction.

Reach Data

Reach Characteristics			
Riffle	Rapid	Straight Run	Pool
X		X	
Surrounding Vegetation (D=dominant)			
Ferns/Grasses	Shrubs	Deciduous Trees	Coniferous Trees
X	X		X (D)
Canopy Coverage		0 %	
Macrophyte Coverage		0 %	
Periphyton Coverage		1-5 mm thick	


Channel Data

Bankful Width	22.0 m
Wetted Width	18.6 m
Avg. Velocity	0.54 m/s
Max. Velocity	0.69 m/s
Avg. Channel Depth	30.4 cm
Max. Channel Depth	39.0 cm
Bankfull-Wetted Depth	80 cm
Slope	0.015 m/m

Water Chemistry

Parameter	Value	Units
pH	6.3	pH units
Conductivity	15	uS/cm
Dissolved Oxygen	9.79	mg/L
Temperature	13.82	°C
Turbidity	2.4	NTU
Copper	0.49	ug/L
Iron	0.5	mg/L
Lead	0.12	ug/L
Zinc	0.9	ug/L
Chloride	0.28	mg/L
Phosphorous (Total)	0.009	mg/L
Nitrate	<0.02	mg/L
Nickel	1.78	ug/L

Substrate

Dominant Substrate	large cobble
2nd Dominant Substrate	boulder
Surrounding Material	large pebble
Embeddedness	unembedded
Median Particle Size	17.0 cm
Geometric Mean Particle Size	16.8 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>	