

**R E P O R T**

## **PROPHET RIVER**

**Assessment Studies Water and  
Wastewater Systems and  
Associated Water Management  
Practices at Selected  
First Nation Communities**

# RESULTS OF ANALYSIS - W3

Prophet  
R. Com.  
Well  
98 02 2

## Physical Tests

Colour	(CU)	
Conductivity	(umhos/cm)	<5
Total Dissolved Solids		572
Hardness	CaCO3	400
pH		323
		7.46
Turbidity	(NTU)	0.3

## Dissolved Anions

Alkalinity-Total		CaCO3	328
Chloride	Cl		0.6
Fluoride	F		0.06
Sulphate	SO4		12

## Nutrients

Nitrate Nitrogen		N	0.249
Nitrite Nitrogen		N	<0.001

## Total Metals

Aluminum	T-Al	
Arsenic	T-As	<0.2
Barium	T-Ba	<0.0001
Boron	T-B	0.33
Cadmium	T-Cd	<0.1
		<0.0002
Calcium	T-Ca	
Chromium	T-Cr	102
Copper	T-Cu	<0.01
Iron	T-Fe	0.02
Lead	T-Pb	<0.03
		<0.001
Magnesium	T-Mg	
Manganese	T-Mn	16.7
Mercury	T-Hg	<0.005
Potassium	T-K	<0.0000
Selenium	T-Se	<2
		<0.0005
Sodium	T-Na	
Zinc	T-Zn	4
		0.061

Remarks regarding the analyses appear  
Results are expressed as milligrams per  
Conductivity (umhos/cm), and Turbid  
< = Less than the detection limit indicat

ing of th  
r pH, Co

	prophet	location	date	gen.bact	t.colif	fecal.c
1	School	Boys BT, CS	02/07/01	28	0	0
2		KT, CS	02/07/01	0	0	0
3	Band Hall	BT, CS	02/07/01	14	0	0
4	Neighbours Inn	Mens BT, CS	02/07/01	0	0	0
s.19(1) 5		CS, Untreated	05/09/01	0	0	0
6	School BT CS	Untreated	05/09/01	0	0	0
7	Neighbours Inn	BT CS Untreated	05/09/01	0	0	0
8	Neighbours Inn	CS, Untreated	06/06/01	54	0	0
9	Band Office	CS, Untreated	06/06/01	12	0	0
10		CS, Untreated	06/06/01	0	0	0

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	prophet	location	date	gen.bact	t.colif	fecal.c
1	Clinic	CS	02/24/00	2	0	0
2		CS	02/24/00	0	0	0
3	Neighbour's Inn	CS	02/24/00	0	0	0
4	Band Office		04/13/00	0	0	0
5	Prophet Riv. Inn	Washroom Tap CS	04/13/00	0	0	0
6		KT, CS	04/13/00	2	0	0
7	School, CS		06/28/00	0	0	0
8	Neighbour's Inn	BT, CS	06/28/00	2	0	0
9	Band Office	Bottled Water	06/28/00	0	0	0
10		GWV Untreated	06/28/00	0	0	0
11	Band Office	BT, CS	06/28/00	0	0	0

	prophet	location	date	gen.bact	t.colif	fecal.c
1	Neighbour's Inn	Ladies BT	01/18/00	0	0	0
2	Band Hall	Bathroom Tap	01/18/00	6	2	0
3			01/18/00	4931	0	0

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