



ASSAYING, GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING
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ANALYTICAL RESULTS - #E08-0551

THOMPSON NICOLA REGIONAL DISTRICT

2-Apr-08

300-465 Victoria Street
Kamloops, BC V2C 2A9

Attention: Manager, Utility Services

SAMPLE IDENTIFICATION:

1 Water Sample Received: March 18, 2008

Sample Dated: March 18, 2008

Water System Name: Pritchard CWS

Labelled: Pritchard CWS

<u>PARAMETERS</u>	<u>Your Sample</u>	<u>CDWG</u>
pH (units)	7.59	6.5 - 8.5
Conductivity (umhos/cm)	99	-
Color (Co/Pt units)	<5	15
Turbidity (NTU)	<0.2	1
Total Dissolved Solids	72	500
Hardness (as CaCO3)	40	-
Alkalinity, Total (as CaCO3)	0	-
Alkalinity, Phenol (as CaCO3)	39	-
Chloride	3.2	250
Fluoride	0.13	1.5
Nitrogen, NO2 & NO3 (as N)	0.066	10
Nitrogen, Nitrate (NO3-N) (as N)	0.066	10
Nitrogen, Nitrite (NO2-N) (as N)	<0.003	-
Sulfate (as SO4)	9	500
Ammonia, NH3	<0.005	-
<u>Trihalomethane</u>		
Bromodichloromethane (µg/L)	2.1	-
Bromoform (µg/L)	<0.2	-
Chloroform (µg/L)	19	-
Dibromochloromethane (µg/L)	<0.1	-
Total Trihalomethanes (µg/L)	21	-
Total Coliform (CFU/100mL)	0	0
Non Coliform Colonies	0	<200
Fecal Coliform (CFU/100mL)	0	0
Ecoli (CFU/100mL)	0	0


NOTE: Results expressed in mg/L unless otherwise indicated.
CDWG = Canadian Drinking Water Guidelines

PARAMETERS

CDWG

	<u>Total Metals</u>	<u>Dissolved Metals</u>	
Aluminum	0.007	<0.001	0.1
Antimony	<0.001	<0.001	0.006
Arsenic	<0.001	<0.001	0.010
Barium	0.01	0.01	1
Beryllium	<0.001	<0.001	-
Bismuth	<0.001	<0.001	-
Boron	0.001	<0.001	5
Cadmium	<0.001	<0.001	0.005
Calcium	12.8	12.46	-
Chromium	<0.001	<0.001	0.05
Cobalt	<0.001	<0.001	-
Copper	0.003	0.003	1
Iron	0.011	<0.005	0.3
Lead	0.002	<0.001	0.01
Magnesium	1.92	1.9	-
Manganese	0.002	<0.001	0.05
Molybdenum	0.001	0.001	-
Nickel	<0.001	<0.001	-
Potassium	0.81	0.81	-
Selenium	<0.001	<0.001	0.01
Silicon	2.26	2.13	-
Silver	<0.005	<0.005	-
Sodium	3.1	3.1	200
Tin	<0.01	<0.01	-
Titanium	<0.007	<0.007	-
Uranium	<0.001	<0.001	0.02
Vanadium	<0.001	<0.001	-
Yttrium	<0.001	<0.001	-
Zinc	<0.001	<0.001	5
Phosphorus	<0.08	<0.08	-

NOTE: Results expressed in mg/L unless otherwise indicated.
CDWG = Canadian Drinking Water Guidelines
(<) = Less Than



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JA/ap

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