



CALGARY

Centre for Toxicology

HMRB, University of Calgary
B19, 3330 Hospital Drive NW
Calgary, Alberta T2N 4N1

REPORT TO:

HEALTH REGION 4
601-7TH STREET EAST
DRUMHELLER AB
T0J 0Y5

PRIVATE DRINKING WATER FROM:

Client Name
Address
Telephone No.

Land Description:
Collected:
By:
Site:
Source:
Depth:
Comments:
Req. ID No:
Lab Code:
CERTIFICATE OF CHEMICAL ANALYSIS

			<u>CDW GUIDELINES (2002)</u>
pH	8.56		6.5-8.5 units AO
Conductivity	1248	uS/cm	
Sodium	322	mg/L	≤ 200 mg/L AO
Potassium	0.84	mg/L	
Calcium	2.81	mg/L	
Magnesium	0.23	mg/L	
Total Hardness (CaCO ₃)(Calc)	7.97	mg/L	
Iron	0.07	mg/L	≤ 0.3 mg/L AO
Total Alkalinity (CaCO ₃)	677.2	mg/L	
Carbonate	27.6	mg/L	
Bicarbonate	769.9	mg/L	
Hydroxide	0	mg/L	
Chloride	3	mg/L	≤ 250 mg/L AO
Fluoride	1.4	mg/L	1.5 mg/L MAC
Nitrite (N)	0	mg/L	1.0 mg/L MAC
Nitrate (N)	0	mg/L	10 mg/L MAC
Sulfate	0	mg/L	≤ 500 mg/L AO
Total Dissolved Solids (Calc)	736.64	mg/L	≤ 500 mg/L AO
Cation Sum	14.18	mEq/L	
Anion Sum	13.7	mEq/L	
Ion Balance(Cation/Anion)	103.5	%	
Ion Balance (% Difference)	1.72	%	

Comments:
Received: 7/11/2006

Reported: 7/18/2006

Certified By:

CDW = Canadian Drinking Water

AO = Aesthetic Objectives

MAC = Maximum Acceptable Concentration