

**Water Security Agency**

<b>Land Location:</b>	SW-04-27-35-02W3	<b>NTS Map:</b>	73B/01
<b>UTM Coordinates:</b>	Z13 416485 E 5764893 N	<b>RM No.:</b>	343
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	24-Oct-05	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Blucher #4	<b>Contractor:</b>	
<b>Well owner:</b>	Water Security Agency		
<b>Address:</b>	111 Fairford Street East Moose Jaw, SK S6H 7X9	<b>Tel:</b>	
<b>Sample Depth:</b>	50.6	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	31402	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	141	Aluminum (Al)	0.0013
Magnesium (Mg)	46	Antimony (Sb)	< 0.0002
Sodium (Na)	845	As (arsenic) (µg/L)	0.0029
Potassium (K)	10	Barium (Ba)	0.01
Carbonate (CO3)	< 1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	471	Boron (B)	0.67
Sulphate (SO4)	1450	Cadmium (Cd)	< 0.0005
Chloride (Cl)	383	Chromium (Cr)	< 0.005
Fluoride (F)	0.13	Cobalt (Co)	0.0011
Nitrate - Nitrate (NO3, NO2 + NO3)	< 0.04	Copper (Cu)	< 0.0002
Total Iron (Fe)	0.77	Lead (Pb)	< 0.0001
Manganese (Mn)	1.2	Molybdenum (Mo)	0.0035
pH (pH units)	7.98	Nickel (Ni)	0.0013
Conductivity (uS/cm)	4220	Selenium (Se)	0.0001
Sum of Ions	3346	Silver (Ag)	< 0.0001
Total Dissolved Solids (TDS)	3100	Strontium (Sr)	1.1
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	541	Tin (Sn)	0.0002
Total Alkalinity (as CaCO3)	386	Titanium (Ti)	
		Uranium (U) (µg/L)	0.0058
Dissolved Organic Carbon (DOC)		Vanadium (V)	< 0.0001
Turbidity (NTU)	7.9	Zinc (Zn)	< 0.005
Perchlorate			
Iodine (I)	0.719		

All values in mg/L, unless indicated otherwise