

**Water Security Agency**

<b>Land Location:</b>	NE-13-31-25-03W2	<b>NTS Map:</b>	62M/01
<b>UTM Coordinates:</b>	Z13 679998 E 5676230 N	<b>RM No.:</b>	243
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	13-Oct-93	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	Yorkton MW 93-03	<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>	9.9	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	123359	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Bredenbury Fm
<b>Laboratory:</b>		<b>Aquifer name:</b>	Bredenbury aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	99	Aluminum (Al)	
Magnesium (Mg)	49	Antimony (Sb)	
Sodium (Na)	23	As (arsenic) (µg/L)	
Potassium (K)	5.2	Barium (Ba)	
Carbonate (CO3)	< 1	Beryllium (Be)	
Bicarbonate (HCO3)	462	Boron (B)	
Sulphate (SO4)	84	Cadmium (Cd)	
Chloride (Cl)	25	Chromium (Cr)	
Fluoride (F)	0.3	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	
Total Iron (Fe)	2.7	Lead (Pb)	
Manganese (Mn)	0.42	Molybdenum (Mo)	
pH (pH units)	7.36	Nickel (Ni)	
Conductivity (uS/cm)	856	Selenium (Se)	
Sum of Ions	747	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	448	Tin (Sn)	
Total Alkalinity (as CaCO3)	379	Titanium (Ti)	
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	
Turbidity (NTU)		Vanadium (V)	
Perchlorate		Zinc (Zn)	
Iodine (I)			

All values in mg/L, unless indicated otherwise

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<b>UTM Coordinates:</b>	Z13 679998 E 5676230 N	<b>RM No.:</b>	243
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	22-Aug-95	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	Yorkton MW 93-03	<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>	
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<b>WWRD #</b>	123359	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Bredenbury Fm
<b>Laboratory:</b>		<b>Aquifer name:</b>	Bredenbury aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	108	Aluminum (Al)	
Magnesium (Mg)	61	Antimony (Sb)	
Sodium (Na)	21	As (arsenic) (µg/L)	
Potassium (K)	5.7	Barium (Ba)	
Carbonate (CO3)	< 1	Beryllium (Be)	
Bicarbonate (HCO3)	511	Boron (B)	
Sulphate (SO4)	98	Cadmium (Cd)	
Chloride (Cl)	28	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.18	Copper (Cu)	
Total Iron (Fe)	2.3	Lead (Pb)	
Manganese (Mn)	0.55	Molybdenum (Mo)	
pH (pH units)	7.5	Nickel (Ni)	
Conductivity (uS/cm)	976	Selenium (Se)	
Sum of Ions	833	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	520	Tin (Sn)	
Total Alkalinity (as CaCO3)	419	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

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