

Water Security Agency

Land Location:	SW-12-31-25-03W2	NTS Map:	62M/01
UTM Coordinates:	Z13 679812 E 5675629 N	RM No.:	243
Ground Elevation:		Source:	
Date Sampled:	13-Oct-93	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	Yorkton MW 93-04	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	41.9	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	123360	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Logan Valley

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	150	Aluminum (Al)	
Magnesium (Mg)	74	Antimony (Sb)	
Sodium (Na)	66	As (arsenic) (µg/L)	
Potassium (K)	8.2	Barium (Ba)	
Carbonate (CO3)	< 1	Beryllium (Be)	
Bicarbonate (HCO3)	561	Boron (B)	
Sulphate (SO4)	258	Cadmium (Cd)	
Chloride (Cl)	52	Chromium (Cr)	
Fluoride (F)	0.27	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	
Total Iron (Fe)	3.1	Lead (Pb)	
Manganese (Mn)	0.68	Molybdenum (Mo)	
pH (pH units)	7.26	Nickel (Ni)	
Conductivity (uS/cm)	1290	Selenium (Se)	
Sum of Ions	1169	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	678	Tin (Sn)	
Total Alkalinity (as CaCO3)	460	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise

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UTM Coordinates:	Z13 679812 E 5675629 N	RM No.:	243
Ground Elevation:		Source:	
Date Sampled:	22-Aug-95	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	Yorkton MW 93-04	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	41.9	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	123360	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Logan Valley

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	138	Aluminum (Al)	
Magnesium (Mg)	73	Antimony (Sb)	
Sodium (Na)	63	As (arsenic) (µg/L)	
Potassium (K)	7.1	Barium (Ba)	
Carbonate (CO3)	< 1	Beryllium (Be)	
Bicarbonate (HCO3)	547	Boron (B)	
Sulphate (SO4)	232	Cadmium (Cd)	
Chloride (Cl)	54	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.08	Copper (Cu)	
Total Iron (Fe)	2.3	Lead (Pb)	
Manganese (Mn)	0.69	Molybdenum (Mo)	
pH (pH units)	7.44	Nickel (Ni)	
Conductivity (uS/cm)	1330	Selenium (Se)	
Sum of Ions	1114	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	644	Tin (Sn)	
Total Alkalinity (as CaCO3)	448	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

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