

Water Security Agency

Land Location:	SE-9-03-71-12W3	NTS Map:	73O/4
UTM Coordinates:	Z13 324962 E 6111226 N	RM No.:	999
Ground Elevation:		Source:	
Date Sampled:	11-Mar-74	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Beauval	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	16.1	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	13379	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	40	Aluminum (Al)	
Magnesium (Mg)	11	Antimony (Sb)	
Sodium (Na)	3.1	As (arsenic) (µg/L)	
Potassium (K)	1	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	185	Boron (B)	
Sulphate (SO4)	2	Cadmium (Cd)	
Chloride (Cl)	1	Chromium (Cr)	
Fluoride (F)	0.32	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)	1.6	Lead (Pb)	
Manganese (Mn)	0.22	Molybdenum (Mo)	
pH (pH units)	7.35	Nickel (Ni)	
Conductivity (uS/cm)	279	Selenium (Se)	
Sum of Ions	243	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	147	Tin (Sn)	
Total Alkalinity (as CaCO3)	152	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

Water Security Agency

Land Location:	SE-9-03-71-12W3	NTS Map:	73O/4
UTM Coordinates:	Z13 324962 E 6111226 N	RM No.:	999
Ground Elevation:		Source:	
Date Sampled:	30-May-84	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Beauval	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	16.1	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	13379	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	36	Aluminum (Al)	
Magnesium (Mg)	17	Antimony (Sb)	
Sodium (Na)	2.9	As (arsenic) (µg/L)	
Potassium (K)	1.3	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	205	Boron (B)	
Sulphate (SO4)	1.2	Cadmium (Cd)	
Chloride (Cl)	5.2	Chromium (Cr)	
Fluoride (F)	0.34	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.02	Copper (Cu)	
Total Iron (Fe)	1.4	Lead (Pb)	
Manganese (Mn)	0.18	Molybdenum (Mo)	
pH (pH units)	7.93	Nickel (Ni)	
Conductivity (uS/cm)	318	Selenium (Se)	
Sum of Ions	269	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	161	Tin (Sn)	
Total Alkalinity (as CaCO3)	168	Titanium (Ti)	
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	
Turbidity (NTU)		Vanadium (V)	
Perchlorate		Zinc (Zn)	
Iodine (I)	<0.002		

All values in mg/L, unless indicated otherwise

Water Security Agency

Land Location:	SE-9-03-71-12W3	NTS Map:	730/4
UTM Coordinates:	Z13 324962 E 6111226 N	RM No.:	999
Ground Elevation:		Source:	
Date Sampled:	11-Nov-05	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Beauval	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	16.1	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	13379	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	50	Aluminum (Al)	0.0014
Magnesium (Mg)	18	Antimony (Sb)	< 0.0002
Sodium (Na)	4.5	As (arsenic) (µg/L)	< 0.0001
Potassium (K)	1.2	Barium (Ba)	0.05
Carbonate (CO3)	<1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	228	Boron (B)	0.01
Sulphate (SO4)	0.4	Cadmium (Cd)	< 0.0005
Chloride (Cl)	14	Chromium (Cr)	< 0.005
Fluoride (F)	0.23	Cobalt (Co)	0.0003
Nitrate - Nitrate (NO3, NO2 + NO3)	0.09	Copper (Cu)	< 0.0002
Total Iron (Fe)	3.1	Lead (Pb)	< 0.0001
Manganese (Mn)	0.18	Molybdenum (Mo)	0.0006
pH (pH units)	7.84	Nickel (Ni)	< 0.0001
Conductivity (uS/cm)	369	Selenium (Se)	< 0.0001
Sum of Ions	316	Silver (Ag)	< 0.0001
Total Dissolved Solids (TDS)		Strontium (Sr)	0.052
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	199	Tin (Sn)	0.0004
Total Alkalinity (as CaCO3)	187	Titanium (Ti)	
		Uranium (U) (µg/L)	0.0002
Dissolved Organic Carbon (DOC)		Vanadium (V)	0.0001
Turbidity (NTU)	29	Zinc (Zn)	< 0.005
Perchlorate			
Iodine (I)			

All values in mg/L, unless indicated otherwise