

Water Security Agency

Land Location:	06-64-25W3	NTS Map:	73K/12
UTM Coordinates:	Z13 190429 E 6050608 N	RM No.:	0
Ground Elevation:		Source:	
Date Sampled:	9-Nov-05	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Pierce No. #3	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	19.8	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #		Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	199	Aluminum (Al)	0.0027
Magnesium (Mg)	70	Antimony (Sb)	<0.0002
Sodium (Na)	25	As (arsenic) (µg/L)	0.004
Potassium (K)	6.2	Barium (Ba)	0.02
Carbonate (CO3)	<1	Beryllium (Be)	<0.0001
Bicarbonate (HCO3)	673	Boron (B)	0.1
Sulphate (SO4)	290	Cadmium (Cd)	<0.0005
Chloride (Cl)	2	Chromium (Cr)	<0.005
Fluoride (F)	0.29	Cobalt (Co)	0.001
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	<0.0002
Total Iron (Fe)	4.1	Lead (Pb)	<0.0001
Manganese (Mn)	0.33	Molybdenum (Mo)	0.0026
pH (pH units)	7.59	Nickel (Ni)	0.0008
Conductivity (uS/cm)	1280	Selenium (Se)	<0.0001
Sum of Ions	1265	Silver (Ag)	<0.0001
Total Dissolved Solids (TDS)	985	Strontium (Sr)	0.69
Error in Balance (%)		Thallium (Tl)	<0.0002
Hardness (as CaCO3)	784	Tin (Sn)	<0.0001
Total Alkalinity (as CaCO3)	552	Titanium (Ti)	0.0012
Dissolved Organic Carbon (DOC)		Uranium (U) (µg/L)	0.035
Turbidity (NTU)	45	Vanadium (V)	0.0001
Perchlorate		Zinc (Zn)	0.005
Iodine (I)			

All values in mg/L, unless indicated otherwise