

**Water Security Agency**

<b>Land Location:</b>	SW-13-14-30-09W3	<b>NTS Map:</b>	72O/11
<b>UTM Coordinates:</b>	Z13 349358 E 5715893 N	<b>RM No.:</b>	285
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	25-Nov-71	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Conquest 500	<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>	19.2	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	32470	<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)	526	Aluminum (Al)	
Magnesium (Mg)	81	Antimony (Sb)	
Sodium (Na)	27	As (arsenic) (µg/L)	
Potassium (K)	12	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	265	Boron (B)	
Sulphate (SO4)	1435	Cadmium (Cd)	
Chloride (Cl)	1.4	Chromium (Cr)	
Fluoride (F)	0.35	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	2.8	Copper (Cu)	
Total Iron (Fe)	0.5	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.79	Nickel (Ni)	
Conductivity (uS/cm)	2380	Selenium (Se)	
Sum of Ions	2350	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	1647	Tin (Sn)	
Total Alkalinity (as CaCO3)	217	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

**Water Security Agency**

<b>Land Location:</b>	SW-13-14-30-09W3	<b>NTS Map:</b>	72O/11
<b>UTM Coordinates:</b>	Z13 349358 E 5715893 N	<b>RM No.:</b>	285
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	2-Nov-83	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Conquest 500	<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>	19.2	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	32470	<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
Major Ions		Metals	
Calcium (Ca)	573	Aluminum (Al)	
Magnesium (Mg)	91	Antimony (Sb)	
Sodium (Na)	16	As (arsenic) (µg/L)	
Potassium (K)	5.6	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	224	Boron (B)	
Sulphate (SO4)	1600	Cadmium (Cd)	
Chloride (Cl)	5	Chromium (Cr)	
Fluoride (F)	0.42	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	10.28	Copper (Cu)	
Total Iron (Fe)	11	Lead (Pb)	
Manganese (Mn)	7.1	Molybdenum (Mo)	
pH (pH units)	8.03	Nickel (Ni)	
Conductivity (uS/cm)	2460	Selenium (Se)	
Sum of Ions	2525	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	1800	Tin (Sn)	
Total Alkalinity (as CaCO3)	184	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

**Water Security Agency**

<b>Land Location:</b>	SW-13-14-30-09W3	<b>NTS Map:</b>	72O/11
<b>UTM Coordinates:</b>	Z13 349358 E 5715893 N	<b>RM No.:</b>	285
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	1-Nov-05	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Conquest 500	<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>	19.2	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	32470	<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)	528	Aluminum (Al)	0.0005
Magnesium (Mg)	90	Antimony (Sb)	< 0.0002
Sodium (Na)	36	As (arsenic) (µg/L)	0.0009
Potassium (K)	12	Barium (Ba)	0.01
Carbonate (CO3)	<1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	249	Boron (B)	0.04
Sulphate (SO4)	1580	Cadmium (Cd)	< 0.0005
Chloride (Cl)	2	Chromium (Cr)	< 0.005
Fluoride (F)	0.4	Cobalt (Co)	0.0026
Nitrate - Nitrate (NO3, NO2 + NO3)	1.1	Copper (Cu)	< 0.0002
Total Iron (Fe)	49	Lead (Pb)	< 0.0001
Manganese (Mn)	6.2	Molybdenum (Mo)	0.0022
pH (pH units)	7.14	Nickel (Ni)	0.0039
Conductivity (uS/cm)	2370	Selenium (Se)	< 0.0001
Sum of Ions	2498	Silver (Ag)	< 0.0001
Total Dissolved Solids (TDS)	2460	Strontium (Sr)	0.97
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	1690	Tin (Sn)	0.0003
Total Alkalinity (as CaCO3)	204	Titanium (Ti)	
		Uranium (U) (µg/L)	0.023
Dissolved Organic Carbon (DOC)		Vanadium (V)	< 0.0001
Turbidity (NTU)	164	Zinc (Zn)	< 0.005
Perchlorate			
Iodine (I)	0.0141		

All values in mg/L, unless indicated otherwise