

**Water Security Agency**

<b>Land Location:</b>	NW-12-14-30-10W3	<b>NTS Map:</b>	72O/11
<b>UTM Coordinates:</b>	Z13 339602 E 5715982 N	<b>RM No.:</b>	285
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	26-Nov-71	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Conquest 503	<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>	7.9	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>		<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	666	Aluminum (Al)	
Magnesium (Mg)	234	Antimony (Sb)	
Sodium (Na)	130	As (arsenic) (µg/L)	
Potassium (K)	10.5	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	346	Boron (B)	
Sulphate (SO4)	2434	Cadmium (Cd)	
Chloride (Cl)	32	Chromium (Cr)	
Fluoride (F)	0.29	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	15	Copper (Cu)	
Total Iron (Fe)	1.5	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.51	Nickel (Ni)	
Conductivity (uS/cm)	3840	Selenium (Se)	
Sum of Ions	3868	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	2624	Tin (Sn)	
Total Alkalinity (as CaCO3)	284	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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<b>Land Location:</b>	NW-12-14-30-10W3	<b>NTS Map:</b>	72O/11
<b>UTM Coordinates:</b>	Z13 339602 E 5715982 N	<b>RM No.:</b>	285
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	1-Nov-83	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Conquest 503	<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>	7.9	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>		<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	258	Aluminum (Al)	
Magnesium (Mg)	77	Antimony (Sb)	
Sodium (Na)	68	As (arsenic) (µg/L)	
Potassium (K)	10	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	388	Boron (B)	
Sulphate (SO4)	711	Cadmium (Cd)	
Chloride (Cl)	16	Chromium (Cr)	
Fluoride (F)	0.35	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	20.82	Copper (Cu)	
Total Iron (Fe)	0.97	Lead (Pb)	
Manganese (Mn)	0.1	Molybdenum (Mo)	
pH (pH units)	7.96	Nickel (Ni)	
Conductivity (uS/cm)	1660	Selenium (Se)	
Sum of Ions	1549	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	960	Tin (Sn)	
Total Alkalinity (as CaCO3)	318	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>	NW-12-14-30-10W3	<b>NTS Map:</b>	72O/11
<b>UTM Coordinates:</b>	Z13 339602 E 5715982 N	<b>RM No.:</b>	285
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	27-Aug-84	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Conquest 503	<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>	7.9	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>		<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	236	Aluminum (Al)	
Magnesium (Mg)	103	Antimony (Sb)	
Sodium (Na)	67	As (arsenic) (µg/L)	
Potassium (K)	5.6	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	329	Boron (B)	
Sulphate (SO4)	782	Cadmium (Cd)	
Chloride (Cl)	23	Chromium (Cr)	
Fluoride (F)	0.39	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	34.55	Copper (Cu)	
Total Iron (Fe)	0.54	Lead (Pb)	
Manganese (Mn)	0.05	Molybdenum (Mo)	
pH (pH units)	7.77	Nickel (Ni)	
Conductivity (uS/cm)	1880	Selenium (Se)	
Sum of Ions	1580	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	1010	Tin (Sn)	
Total Alkalinity (as CaCO3)	270	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)	0.002		

All values in mg/L, unless indicated otherwise

**Water Security Agency**

<b>Land Location:</b>	NW-12-14-30-10W3	<b>NTS Map:</b>	720/11
<b>UTM Coordinates:</b>	Z13 339602 E 5715982 N	<b>RM No.:</b>	285
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	31-Oct-05	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Conquest 503	<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>	7.9	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>		<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	225	Aluminum (Al)	0.0012
Magnesium (Mg)	73	Antimony (Sb)	< 0.0002
Sodium (Na)	76	As (arsenic) (µg/L)	0.0004
Potassium (K)	9.6	Barium (Ba)	0.02
Carbonate (CO3)	<1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	406	Boron (B)	0.08
Sulphate (SO4)	1200	Cadmium (Cd)	< 0.0005
Chloride (Cl)	39	Chromium (Cr)	< 0.005
Fluoride (F)	0.33	Cobalt (Co)	0.0012
Nitrate - Nitrate (NO3, NO2 + NO3)	10	Copper (Cu)	< 0.0002
Total Iron (Fe)	1.6	Lead (Pb)	< 0.0001
Manganese (Mn)	0.13	Molybdenum (Mo)	0.0004
pH (pH units)	7.76	Nickel (Ni)	0.0021
Conductivity (uS/cm)	2230	Selenium (Se)	0.01
Sum of Ions	2039	Silver (Ag)	0.0001
Total Dissolved Solids (TDS)	2140	Strontium (Sr)	2
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	1510	Tin (Sn)	0.0001
Total Alkalinity (as CaCO3)	333	Titanium (Ti)	
		Uranium (U) (µg/L)	0.055
Dissolved Organic Carbon (DOC)		Vanadium (V)	< 0.0001
Turbidity (NTU)	18	Zinc (Zn)	< 0.005
Perchlorate			
Iodine (I)	0.00189		

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