

**Water Security Agency**

<b>Land Location:</b>	SE-1-28-40-21W3	<b>NTS Map:</b>	73C/07
<b>UTM Coordinates:</b>	Z13 231346 E 5820116 N	<b>RM No.:</b>	409
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	21-Nov-67	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Unity	<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>	26.7	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	36935	<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)	98	Aluminum (Al)	
Magnesium (Mg)	60	Antimony (Sb)	
Sodium (Na)	29	As (arsenic) (µg/L)	
Potassium (K)	9	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	494	Boron (B)	
Sulphate (SO4)	146	Cadmium (Cd)	
Chloride (Cl)	4	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	3	Copper (Cu)	
Total Iron (Fe)	1.25	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.5	Nickel (Ni)	
Conductivity (uS/cm)	870	Selenium (Se)	
Sum of Ions	843	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	491	Tin (Sn)	
Total Alkalinity (as CaCO3)	405	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>UTM Coordinates:</b>	Z13 231346 E 5820116 N	<b>RM No.:</b>	409
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	30-Jun-70	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Unity	<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>	26.7	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	36935	<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)	113	Aluminum (Al)	
Magnesium (Mg)	58	Antimony (Sb)	
Sodium (Na)	28	As (arsenic) (µg/L)	
Potassium (K)	9	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	590	Boron (B)	
Sulphate (SO4)	106	Cadmium (Cd)	
Chloride (Cl)	11	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<2	Copper (Cu)	
Total Iron (Fe)	1.7	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.83	Nickel (Ni)	
Conductivity (uS/cm)	1080	Selenium (Se)	
Sum of Ions	915	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	518	Tin (Sn)	
Total Alkalinity (as CaCO3)	484	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>	SE-1-28-40-21W3	<b>NTS Map:</b>	73C/07
<b>UTM Coordinates:</b>	Z13 231346 E 5820116 N	<b>RM No.:</b>	409
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	26-Oct-83	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Unity	<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>	26.7	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	36935	<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)	134	Aluminum (Al)	
Magnesium (Mg)	68	Antimony (Sb)	
Sodium (Na)	32	As (arsenic) (µg/L)	
Potassium (K)	9	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	602	Boron (B)	
Sulphate (SO4)	158	Cadmium (Cd)	
Chloride (Cl)	6	Chromium (Cr)	
Fluoride (F)	0.26	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.03	Copper (Cu)	
Total Iron (Fe)	1.6	Lead (Pb)	
Manganese (Mn)	0.5	Molybdenum (Mo)	
pH (pH units)	7.45	Nickel (Ni)	
Conductivity (uS/cm)	1050	Selenium (Se)	
Sum of Ions	1009	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	613	Tin (Sn)	
Total Alkalinity (as CaCO3)	493	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>	SE-1-28-40-21W3	<b>NTS Map:</b>	73C/07
<b>UTM Coordinates:</b>	Z13 231346 E 5820116 N	<b>RM No.:</b>	409
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	7-Nov-05	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Unity	<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>	26.7	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
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<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)	125	Aluminum (Al)	0.0060
Magnesium (Mg)	61	Antimony (Sb)	< 0.0002
Sodium (Na)	25	As (arsenic) (µg/L)	0.0012
Potassium (K)	9.1	Barium (Ba)	0.10
Carbonate (CO3)	< 1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	578	Boron (B)	0.08
Sulphate (SO4)	140	Cadmium (Cd)	< 0.0005
Chloride (Cl)	6	Chromium (Cr)	< 0.005
Fluoride (F)	0.25	Cobalt (Co)	0.0008
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	< 0.0002
Total Iron (Fe)	1.9	Lead (Pb)	< 0.0001
Manganese (Mn)	0.45	Molybdenum (Mo)	0.0025
pH (pH units)	7.8	Nickel (Ni)	0.0046
Conductivity (uS/cm)	996	Selenium (Se)	< 0.0001
Sum of Ions	944	Silver (Ag)	< 0.0001
Total Dissolved Solids (TDS)	682	Strontium (Sr)	0.59
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	563	Tin (Sn)	< 0.0001
Total Alkalinity (as CaCO3)	474	Titanium (Ti)	
		Uranium (U) (µg/L)	0.015
Dissolved Organic Carbon (DOC)		Vanadium (V)	0.0001
Turbidity (NTU)	20	Zinc (Zn)	< 0.005
Perchlorate			
Iodine (I)	0.00523		

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