

**Water Security Agency**

<b>Land Location:</b>	NW-01-26-09-18W3	<b>NTS Map:</b>	72F/16
<b>UTM Coordinates:</b>	Z13 259783 E 5517219 N	<b>RM No.:</b>	108
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	8-Feb-67	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Instow WSW 1-26	<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>	442	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	Oil	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Judith River
<b>Laboratory:</b>		<b>Aquifer name:</b>	Judith River aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	8	Aluminum (Al)	
Magnesium (Mg)	0.9	Antimony (Sb)	
Sodium (Na)	600	As (arsenic) (µg/L)	
Potassium (K)	8	Barium (Ba)	
Carbonate (CO3)	6	Beryllium (Be)	
Bicarbonate (HCO3)	853	Boron (B)	
Sulphate (SO4)	126	Cadmium (Cd)	
Chloride (Cl)	380	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	1.6	Copper (Cu)	
Total Iron (Fe)	0.9	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	8.32	Nickel (Ni)	
Conductivity (uS/cm)	2550	Selenium (Se)	
Sum of Ions	1984	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	23.6	Tin (Sn)	
Total Alkalinity (as CaCO3)	709	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

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<b>UTM Coordinates:</b>	Z13 259783 E 5517219 N	<b>RM No.:</b>	108
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	21-Oct-77	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Instow WSW 1-26	<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>	442	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
<b>Well Diameter:</b>		<b>Pumping Rate:</b>	
<b>WWRD #</b>	Oil	<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Judith River
<b>Laboratory:</b>		<b>Aquifer name:</b>	Judith River aquifer

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	5	Aluminum (Al)	
Magnesium (Mg)	1	Antimony (Sb)	
Sodium (Na)	620	As (arsenic) (µg/L)	
Potassium (K)	4	Barium (Ba)	
Carbonate (CO3)	41	Beryllium (Be)	
Bicarbonate (HCO3)	825	Boron (B)	
Sulphate (SO4)	100	Cadmium (Cd)	
Chloride (Cl)	372	Chromium (Cr)	
Fluoride (F)	1.5	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	1.9	Copper (Cu)	
Total Iron (Fe)	2	Lead (Pb)	
Manganese (Mn)	0.39	Molybdenum (Mo)	
pH (pH units)	8.3	Nickel (Ni)	
Conductivity (uS/cm)	2555	Selenium (Se)	
Sum of Ions	1970	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	18	Tin (Sn)	
Total Alkalinity (as CaCO3)	744	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

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