

**Water Security Agency**

<b>Land Location:</b>	NW-08-02-23-04W2	<b>NTS Map:</b>	62L/16
<b>UTM Coordinates:</b>	Z13 678729 E 5647509 N	<b>RM No.:</b>	214
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	25-Oct-73	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Crater Lake Man.	<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>	11.9	<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>	till

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	551	Aluminum (Al)	
Magnesium (Mg)	173	Antimony (Sb)	
Sodium (Na)	32	As (arsenic) (µg/L)	
Potassium (K)	22	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	598	Boron (B)	
Sulphate (SO4)	1560	Cadmium (Cd)	
Chloride (Cl)	67	Chromium (Cr)	
Fluoride (F)	0.3	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	1.2	Copper (Cu)	
Total Iron (Fe)	1.7	Lead (Pb)	
Manganese (Mn)	4.4	Molybdenum (Mo)	
pH (pH units)	7.25	Nickel (Ni)	
Conductivity (uS/cm)	2870	Selenium (Se)	
Sum of Ions	3004	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	2090	Tin (Sn)	
Total Alkalinity (as CaCO3)	490	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 678729 E 5647509 N	<b>RM No.:</b>	214
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	20-Jul-83	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Crater Lake Man.	<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>	11.9	<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>	till

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	504	Aluminum (Al)	
Magnesium (Mg)	188	Antimony (Sb)	
Sodium (Na)	32	As (arsenic) (µg/L)	
Potassium (K)	240	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	320	Boron (B)	
Sulphate (SO4)	1690	Cadmium (Cd)	
Chloride (Cl)	80	Chromium (Cr)	
Fluoride (F)	0.27	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.18	Copper (Cu)	
Total Iron (Fe)	0.82	Lead (Pb)	
Manganese (Mn)	2.2	Molybdenum (Mo)	
pH (pH units)	7.66	Nickel (Ni)	
Conductivity (uS/cm)	2730	Selenium (Se)	
Sum of Ions	3054	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	2000	Tin (Sn)	
Total Alkalinity (as CaCO3)	262	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-08-02-23-04W2	<b>NTS Map:</b>	62L/16
<b>UTM Coordinates:</b>	Z13 678729 E 5647509 N	<b>RM No.:</b>	214
<b>Ground Elevation:</b>		<b>Source:</b>	
<b>Date Sampled:</b>	5-Jun-84	<b>Time Sampled:</b>	
<b>Sample Location:</b>		<b>Sampled by:</b>	
<b>Well name:</b>	SWA Crater Lake Man.	<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>	11.9	<b>Date Drilled:</b>	
<b>Depth to Water:</b>		<b>Pump Setting:</b>	
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<b>WWRD #</b>		<b>Construction method:</b>	
<b>Analysis No.:</b>		<b>Formation:</b>	Quaternary, undiff
<b>Laboratory:</b>		<b>Aquifer name:</b>	till

Constituent	Concentration	Constituent	Concentration
<b>Major Ions</b>		<b>Metals</b>	
Calcium (Ca)	542	Aluminum (Al)	
Magnesium (Mg)	196	Antimony (Sb)	
Sodium (Na)	32	As (arsenic) (µg/L)	
Potassium (K)	20	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	484	Boron (B)	
Sulphate (SO4)	1580	Cadmium (Cd)	
Chloride (Cl)	91	Chromium (Cr)	
Fluoride (F)	0.2	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	1.02	Copper (Cu)	
Total Iron (Fe)	1.7	Lead (Pb)	
Manganese (Mn)	1.8	Molybdenum (Mo)	
pH (pH units)	7.53	Nickel (Ni)	
Conductivity (uS/cm)	2970	Selenium (Se)	
Sum of Ions	2946	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	2120	Tin (Sn)	
Total Alkalinity (as CaCO3)	397	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

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