

Water Security Agency

Land Location:	SW-8-25-16-22W3	NTS Map:	72K/07
UTM Coordinates:	Z13 222971 E 5587354 N	RM No.:	169
Ground Elevation:		Source:	
Date Sampled:	3-Sep-64	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Verlo	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	12.8	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	28850	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	77	Aluminum (Al)	
Magnesium (Mg)	37	Antimony (Sb)	
Sodium (Na)	23	As (arsenic) (µg/L)	
Potassium (K)	10	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	285	Boron (B)	
Sulphate (SO4)	20	Cadmium (Cd)	
Chloride (Cl)	16	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	135	Copper (Cu)	
Total Iron (Fe)		Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.6	Nickel (Ni)	
Conductivity (uS/cm)	680	Selenium (Se)	
Sum of Ions	603	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	344	Tin (Sn)	
Total Alkalinity (as CaCO3)	234	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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Land Location:	SW-8-25-16-22W3	NTS Map:	72K/07
UTM Coordinates:	Z13 222971 E 5587354 N	RM No.:	169
Ground Elevation:		Source:	
Date Sampled:	16-Jul-70	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Verlo	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	12.8	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	28850	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	30	Aluminum (Al)	
Magnesium (Mg)	15	Antimony (Sb)	
Sodium (Na)	69	As (arsenic) (µg/L)	
Potassium (K)	4	Barium (Ba)	
Carbonate (CO3)	19	Beryllium (Be)	
Bicarbonate (HCO3)	216	Boron (B)	
Sulphate (SO4)	7	Cadmium (Cd)	
Chloride (Cl)	53	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<2	Copper (Cu)	
Total Iron (Fe)	13	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	8.35	Nickel (Ni)	
Conductivity (uS/cm)	600	Selenium (Se)	
Sum of Ions	413	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	138	Tin (Sn)	
Total Alkalinity (as CaCO3)	209	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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Land Location:	SW-8-25-16-22W3	NTS Map:	72K/07
UTM Coordinates:	Z13 222971 E 5587354 N	RM No.:	169
Ground Elevation:		Source:	
Date Sampled:	27-Sep-83	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Verlo	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	12.8	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	28850	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	70	Aluminum (Al)	
Magnesium (Mg)	27	Antimony (Sb)	
Sodium (Na)	22	As (arsenic) (µg/L)	
Potassium (K)	3.1	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	335	Boron (B)	
Sulphate (SO4)	28	Cadmium (Cd)	
Chloride (Cl)	5.7	Chromium (Cr)	
Fluoride (F)	0.3	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.66	Copper (Cu)	
Total Iron (Fe)	14	Lead (Pb)	
Manganese (Mn)	0.61	Molybdenum (Mo)	
pH (pH units)	7.9	Nickel (Ni)	
Conductivity (uS/cm)	524	Selenium (Se)	
Sum of Ions	491	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	286	Tin (Sn)	
Total Alkalinity (as CaCO3)	274	Titanium (Ti)	
		Uranium (U) (µg/L)	
Dissolved Organic Carbon (DOC)		Vanadium (V)	
Turbidity (NTU)		Zinc (Zn)	
Perchlorate			
Iodine (I)			

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UTM Coordinates:	Z13 222971 E 5587354 N	RM No.:	169
Ground Elevation:		Source:	
Date Sampled:	3-Nov-05	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Verlo	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	12.8	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #	28850	Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Surficial, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	63	Aluminum (Al)	0.0008
Magnesium (Mg)	17	Antimony (Sb)	0.0003
Sodium (Na)	18	As (arsenic) (µg/L)	0.0011
Potassium (K)	3.6	Barium (Ba)	0.18
Carbonate (CO3)	< 1	Beryllium (Be)	< 0.0001
Bicarbonate (HCO3)	271	Boron (B)	0.06
Sulphate (SO4)	35	Cadmium (Cd)	< 0.0005
Chloride (Cl)	11	Chromium (Cr)	< 0.005
Fluoride (F)	0.2	Cobalt (Co)	0.0045
Nitrate - Nitrate (NO3, NO2 + NO3)	0.62	Copper (Cu)	< 0.0002
Total Iron (Fe)	0.44	Lead (Pb)	< 0.0001
Manganese (Mn)	0.29	Molybdenum (Mo)	0.011
pH (pH units)	7.73	Nickel (Ni)	0.89
Conductivity (uS/cm)	476	Selenium (Se)	< 0.0001
Sum of Ions	419	Silver (Ag)	0.0001
Total Dissolved Solids (TDS)		Strontium (Sr)	0.33
Error in Balance (%)		Thallium (Tl)	< 0.0002
Hardness (as CaCO3)	227	Tin (Sn)	< 0.0001
Total Alkalinity (as CaCO3)	222	Titanium (Ti)	
		Uranium (U) (µg/L)	0.0028
Dissolved Organic Carbon (DOC)		Vanadium (V)	< 0.0001
Turbidity (NTU)	0.4	Zinc (Zn)	0.014
Perchlorate			
Iodine (I)	0.00555		

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