

Water Security Agency

Land Location:	SW-4-27-35-02W3	NTS Map:	73B/01
UTM Coordinates:	Z13 416485 E 5764893 N	RM No.:	343
Ground Elevation:		Source:	
Date Sampled:	21-Jun-65	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Blucher #3	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	79.2	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #		Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	285	Aluminum (Al)	
Magnesium (Mg)	131	Antimony (Sb)	
Sodium (Na)	620	As (arsenic) (µg/L)	
Potassium (K)	11	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	501	Boron (B)	
Sulphate (SO4)	2050	Cadmium (Cd)	
Chloride (Cl)	77	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)		Copper (Cu)	
Total Iron (Fe)	6	Lead (Pb)	
Manganese (Mn)		Molybdenum (Mo)	
pH (pH units)	7.2	Nickel (Ni)	
Conductivity (uS/cm)	4000	Selenium (Se)	
Sum of Ions	3675	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	1250	Tin (Sn)	
Total Alkalinity (as CaCO3)	411	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

Water Security Agency

Land Location:	SW-4-27-35-02W3	NTS Map:	73B/01
UTM Coordinates:	Z13 416485 E 5764893 N	RM No.:	343
Ground Elevation:		Source:	
Date Sampled:	14-Jul-78	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Blucher #3	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	79.2	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #		Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	291	Aluminum (Al)	
Magnesium (Mg)	142	Antimony (Sb)	
Sodium (Na)	679	As (arsenic) (µg/L)	
Potassium (K)	11	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	431	Boron (B)	
Sulphate (SO4)	2119	Cadmium (Cd)	
Chloride (Cl)	119	Chromium (Cr)	
Fluoride (F)	0.18	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	0.39	Copper (Cu)	
Total Iron (Fe)	23	Lead (Pb)	
Manganese (Mn)	0.33	Molybdenum (Mo)	
pH (pH units)	7.71	Nickel (Ni)	
Conductivity (uS/cm)	4142	Selenium (Se)	
Sum of Ions	3792	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	1308	Tin (Sn)	
Total Alkalinity (as CaCO3)	353	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

Land Location:	SW-4-27-35-02W3	NTS Map:	73B/01
UTM Coordinates:	Z13 416485 E 5764893 N	RM No.:	343
Ground Elevation:		Source:	
Date Sampled:	8-Sep-83	Time Sampled:	
Sample Location:		Sampled by:	
Well name:	SWA Blucher #3	Contractor:	
Well owner:	Water Security Agency		
Address:	111 Fairford Street East Moose Jaw, SK S6H 7X9	Tel:	
Sample Depth:	79.2	Date Drilled:	
Depth to Water:		Pump Setting:	
Well Diameter:		Pumping Rate:	
WWRD #		Construction method:	
Analysis No.:		Formation:	Quaternary, undiff
Laboratory:		Aquifer name:	Quaternary, unnamed

Constituent	Concentration	Constituent	Concentration
Major Ions		Metals	
Calcium (Ca)	285	Aluminum (Al)	
Magnesium (Mg)	135	Antimony (Sb)	
Sodium (Na)	612	As (arsenic) (µg/L)	
Potassium (K)	11	Barium (Ba)	
Carbonate (CO3)		Beryllium (Be)	
Bicarbonate (HCO3)	510	Boron (B)	
Sulphate (SO4)	2130	Cadmium (Cd)	
Chloride (Cl)	75	Chromium (Cr)	
Fluoride (F)	0.12	Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.02	Copper (Cu)	
Total Iron (Fe)	6.3	Lead (Pb)	
Manganese (Mn)	0.2	Molybdenum (Mo)	
pH (pH units)	7.85	Nickel (Ni)	
Conductivity (uS/cm)	3920	Selenium (Se)	
Sum of Ions	3758	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	1260	Tin (Sn)	
Total Alkalinity (as CaCO3)	418	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