

Water Security Agency
400-111 Fairford St. E. S6H 7X9

Land Location: 15-31-20-21-W2	NTS Map:
UTM Coordinates:	RM No.:
Ground Elevation: 543.433 m	Source: Well
Date Sampled: 26-Sep-11	Time Sampled:
Sample Location: Observation Well	Sampled by: KELO
Remark Sample Location:	
Well name: BV18-94	
Well owner: Water Security Agency	
Address: 111 Fairford Street East	Tel:
Moose Jaw, SK S6H 7X9	
Contractor:	Date Drilled: 1994
Well Depth: 119.30 m	Pump Setting: 40 m
Depth to Water:	Pumping Rate: 10 igpm
Well Diameter: 5 in	Construction method: Drilled
SRC acquisition #:	Formation: Empress Group
WWRD # 226401	Aquifer name: Lumsden Valley
Laboratory: SRC Analytical	SRC Group: 2011-9537
	Analysis No.: 33057
Constituent	Concentration

Major Ions		Metals	
Calcium (Ca)	28	Aluminum (Al)	
Magnesium (Mg)	15	Antimony (Sb)	
Sodium (Na)	489	As (arsenic) (µg/L)	
Potassium (K)	3.3	Barium (Ba)	
Carbonate (CO3)	26	Beryllium (Be)	
Bicarbonate (HCO3)	625	Boron (B)	
Sulphate (SO4)	430	Cadmium (Cd)	
Chloride (Cl)	106	Chromium (Cr)	
Fluoride (F)		Cobalt (Co)	
Nitrate - Nitrate (NO3, NO2 + NO3)	<0.04	Copper (Cu)	
Total Iron (Fe)	0.1	Lead (Pb)	
Manganese (Mn)	0.009	Molybdenum (Mo)	
pH (pH units)	8.56	Nickel (Ni)	
Conductivity (uS/cm)	2190	Selenium (Se)	
Sum of Ions	1690	Silver (Ag)	
Total Dissolved Solids (TDS)		Strontium (Sr)	
Error in Balance (%)		Thallium (Tl)	
Hardness (as CaCO3)	43	Tin (Sn)	
Total Alkalinity (as CaCO3)	556	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

NIL means not detectable

ND means not determined