

Water Security Agency

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|--------------------------|---|-----------------------------|--------------------|
| Land Location: | 02-35-25-04W2 | NTS Map: | 62M/01 |
| UTM Coordinates: | Z13 677476 E 5674837 N | RM No.: | 244 |
| Ground Elevation: | | Source: | |
| Date Sampled: | 16-Oct-93 | Time Sampled: | |
| Sample Location: | | Sampled by: | |
| Well name: | Yorkton MW 93-07 | Contractor: | |
| Well owner: | Water Security Agency | | |
| Address: | 111 Fairford Street East Moose Jaw, SK S6H 7X9 | Tel: | |
| Sample Depth: | 15.8 | Date Drilled: | |
| Depth to Water: | | Pump Setting: | |
| Well Diameter: | | Pumping Rate: | |
| WWRD # | | Construction method: | |
| Analysis No.: | | Formation: | Quaternary, undiff |
| Laboratory: | | Aquifer name: | Logan West |

| Constituent | Concentration | Constituent | Concentration |
|------------------------------------|---------------|---------------------|---------------|
| Major Ions | | Metals | |
| Calcium (Ca) | 150 | Aluminum (Al) | |
| Magnesium (Mg) | 73 | Antimony (Sb) | |
| Sodium (Na) | 44 | As (arsenic) (µg/L) | |
| Potassium (K) | 6.6 | Barium (Ba) | |
| Carbonate (CO3) | < 1 | Beryllium (Be) | |
| Bicarbonate (HCO3) | 527 | Boron (B) | |
| Sulphate (SO4) | 293 | Cadmium (Cd) | |
| Chloride (Cl) | 13 | Chromium (Cr) | |
| Fluoride (F) | 0.26 | Cobalt (Co) | |
| Nitrate - Nitrate (NO3, NO2 + NO3) | <0.04 | Copper (Cu) | |
| Total Iron (Fe) | 2.6 | Lead (Pb) | |
| Manganese (Mn) | 0.98 | Molybdenum (Mo) | |
| pH (pH units) | 7.17 | Nickel (Ni) | |
| Conductivity (uS/cm) | 1270 | Selenium (Se) | |
| Sum of Ions | 1107 | Silver (Ag) | |
| Total Dissolved Solids (TDS) | | Strontium (Sr) | |
| Error in Balance (%) | | Thallium (Tl) | |
| Hardness (as CaCO3) | 674 | Tin (Sn) | |
| Total Alkalinity (as CaCO3) | 432 | 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