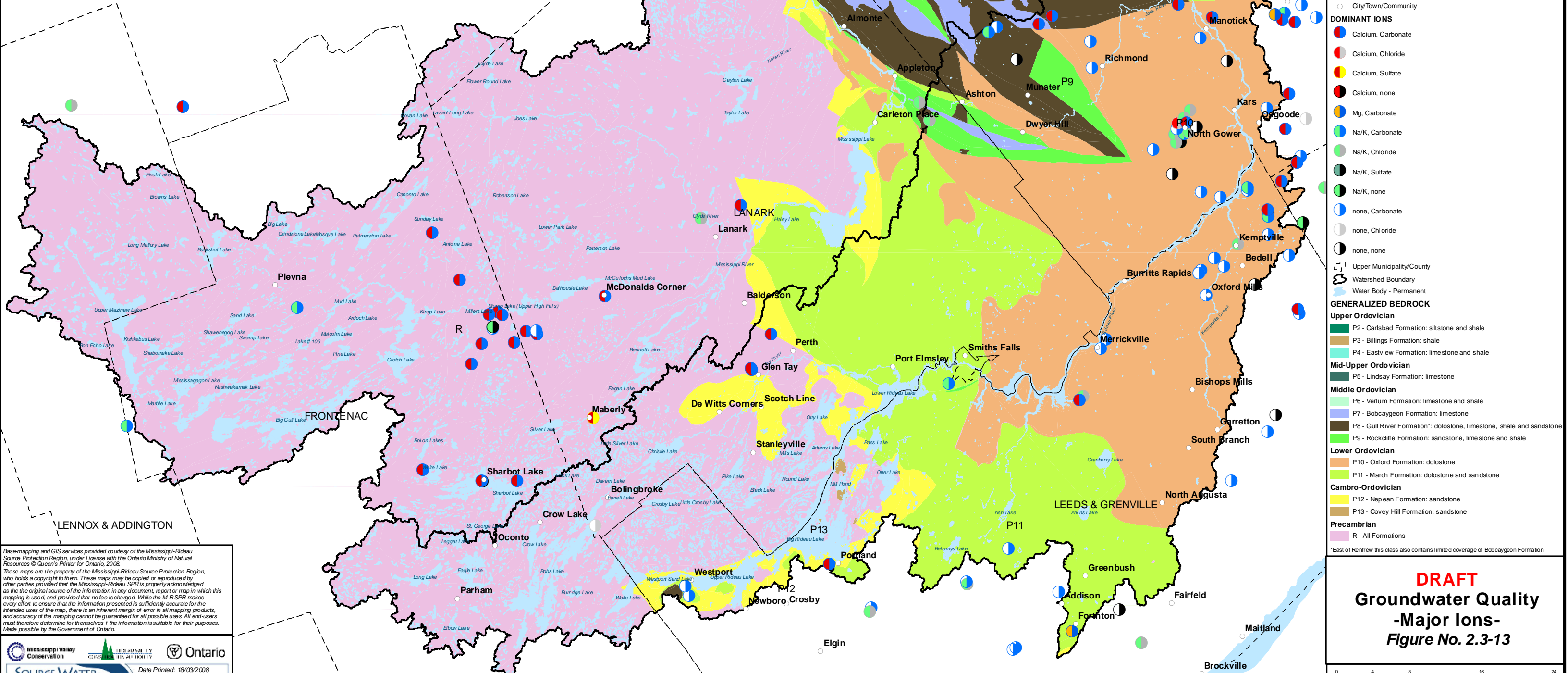
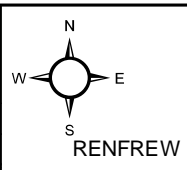
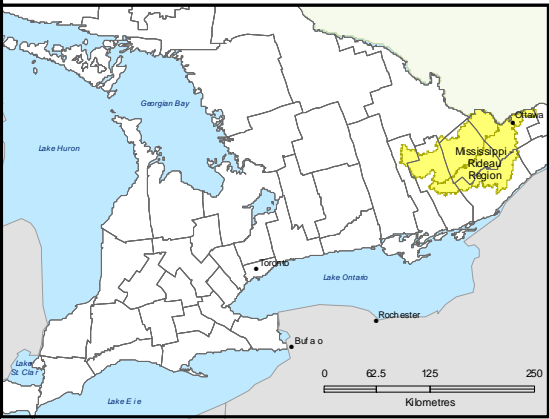


Mississippi-Rideau Source Protection Region



Legend

- City/Town/Community
- DOMINANT IONS**
 - Calcium, Carbonate
 - Calcium, Chloride
 - Calcium, Sulfate
 - Calcium, none
 - Mg, Carbonate
 - Na/K, Carbonate
 - Na/K, Chloride
 - Na/K, Sulfate
 - Na/K, none
 - none, Carbonate
 - none, Chloride
 - none, none
- Upper Municipality/County
- Watershed Boundary
- Water Body - Permanent
- GENERALIZED BEDROCK**
 - Upper Ordovician**
 - P2 - Carlsbad Formation: siltstone and shale
 - P3 - Billings Formation: shale
 - P4 - Eastview Formation: limestone and shale
 - Mid-Upper Ordovician**
 - P5 - Lindsay Formation: limestone
 - Middle Ordovician**
 - P6 - Verulam Formation: limestone and shale
 - P7 - Bobcaygeon Formation: limestone
 - P8 - Gull River Formation: dolostone, limestone, shale and sandstone
 - P9 - Rockcliffe Formation: sandstone, limestone and shale
 - Lower Ordovician**
 - P10 - Oxford Formation: dolostone
 - P11 - March Formation: dolostone and sandstone
 - Cambro-Ordovician**
 - P12 - Nepean Formation: sandstone
 - P13 - Covey Hill Formation: sandstone
 - Precambrian**
 - R - All Formations

*East of Renfrew this class also contains limited coverage of Bobcaygeon Formation

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Source Water PROTECTION

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Source: Golder Associates et al.; Renfrew-Mississippi-Rideau Groundwater Study, 2003. Combined MNDM / OGS geology maps at various scales and dates: Precambrian geology and faults from 1:1M scale OGS map 2544. Paleozoic geology from 1:50K scale OGS maps P.2728, P.2729, P.2732, P.2493, P.2494, P.2495, P.2727, P.2723, P.2724, P.2730, P.2731. Note: Generalized data is regional in nature, and intended for use at scales of 1:1,000,000 or smaller. Intent is to provide an overview of bedrock geology in the region.

DRAFT

Groundwater Quality
-Major Ions-
Figure No. 2.3-13

Scale: 1:400,000

Universal Transverse Mercator
North American Datum 1983, Zone 18 North