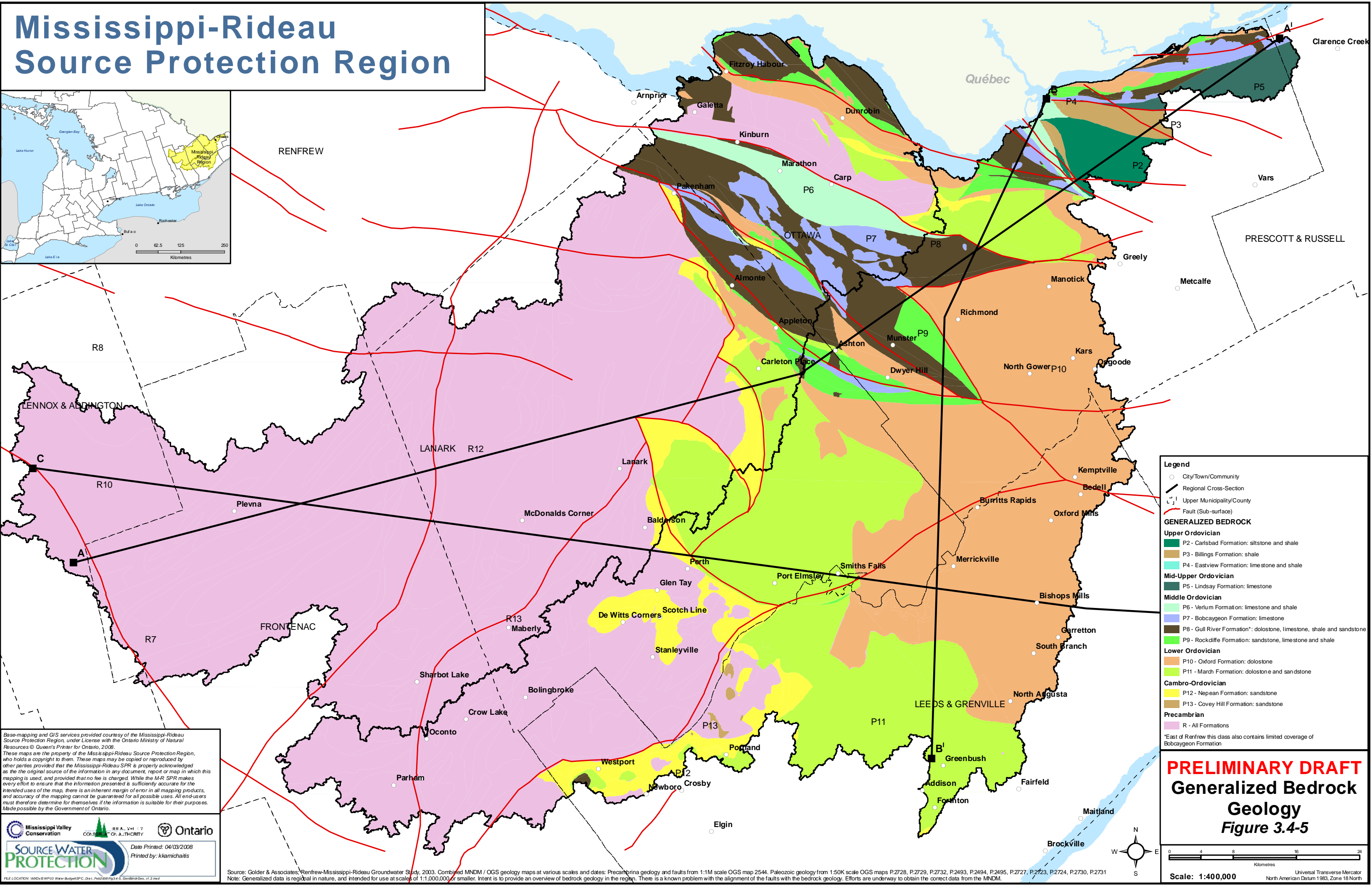
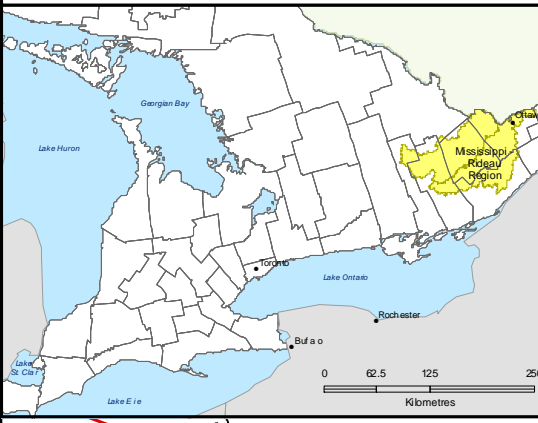


Mississippi-Rideau Source Protection Region



Legend

- City/Town/Community
- Regional Cross-Section
- Upper Municipality/County
- Fault (Sub-surface)

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 - Verlum 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: Goldier & Associates; 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 P2728, P2729, P2732, P2493, P2494, P2495, P2727, P2723, P2724, P2730, P2731. 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. There is a known problem with the alignment of the faults with the bedrock geology. Efforts are underway to obtain the correct data from the MNDM.

PRELIMINARY DRAFT

Generalized Bedrock Geology

Figure 3.4-5

Scale: 1:400,000

Universal Transverse Mercator
North American Datum 1983, Zone 18 North