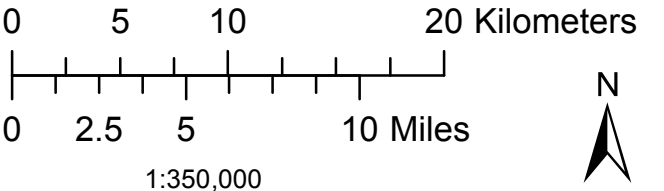


Mid-West Planning District

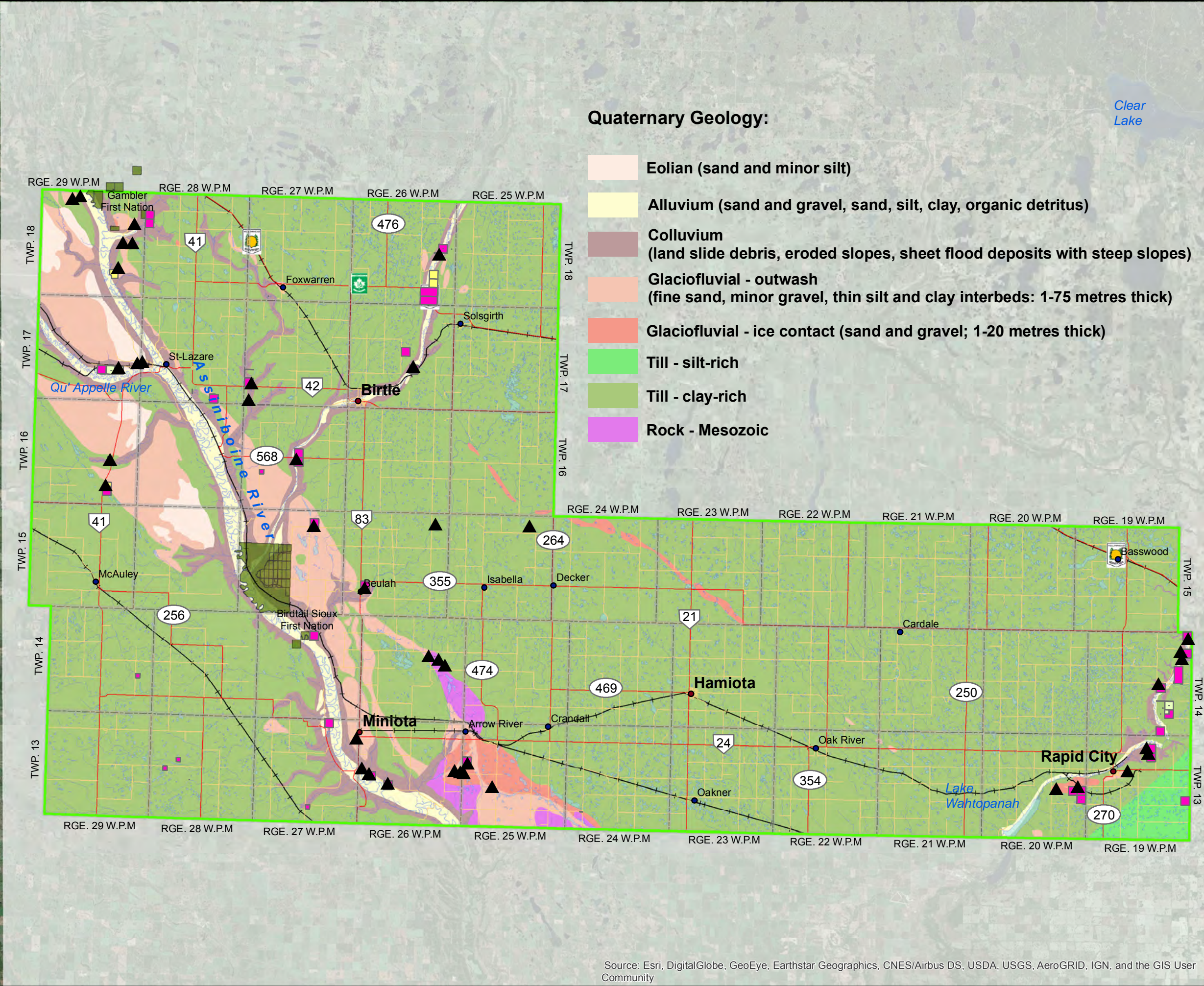
- Oil Battery Facility (Birdtail Oil Field)
- Wells (Horizontal or Directional, Producer, Water Injection, Standing, and General Location)
- Mid-West Planning District Boundary
- First Nations
- Townships
- Water
- Rivers and Streams
- Main Roads (Provincial Trunk Highways and Provincial Roads)
- Secondary Roads
- Railway

Map 9 Regional View Petroleum Activities

Coordinate System: UTM 14N NAD 83
Oil Facilities and Wells Data Source: Manitoba Science, Technology, Energy and Mines, 2016
Topographic Source Scale: 1:50,000
Notes:
1. Abandoned/Junked wells not shown on this map.
2. Birtail Sioux Dakota Nation IR 57C in Foxwarren not shown.
Date Created: April 21, 2017



- FINAL -
All Boundaries and Locations for General Reference Only



Quaternary Geology:

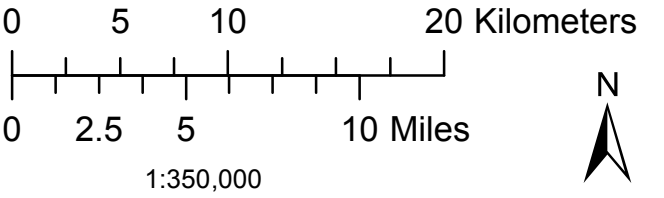
- Eolian (sand and minor silt)
- Alluvium (sand and gravel, sand, silt, clay, organic detritus)
- Colluvium (land slide debris, eroded slopes, sheet flood deposits with steep slopes)
- Glaciofluvial - outwash (fine sand, minor gravel, thin silt and clay interbeds: 1-75 metres thick)
- Glaciofluvial - ice contact (sand and gravel; 1-20 metres thick)
- Till - silt-rich
- Till - clay-rich
- Rock - Mesozoic

Mid-West Planning District

- Casual Quarry Permit
- Private Quarry Permit
- Quarry Lease
- Quarry Site
- Mid-West Planning District Boundary
- First Nations
- Townships
- Water
- Rivers and Streams
- Main Roads (Provincial Trunk Highways and Provincial Roads)
- Secondary Roads
- Railway

**Map 10
Regional View
Surficial Geology and Aggregate Areas**

Coordinate System: UTM 14N NAD 83
Data Sources: ProvMB, NRCAN, MRB, Repromap, Cochrane Engineering (2013), Google Earth (2005, 2007, 2013)
Topographic Source Scale: 1:50,000
Notes:
1. Not all quarry sites may be represented, and should be verified as to production status.
2. Birtail Sioux Dakota Nation IR 57C in Foxwarren not shown.
Date Created: April 21, 2017



- FINAL -
All Boundaries and Locations for General Reference Only

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community