

Surface Geology

Devils Lake Quadrangle, North Dakota

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2004

EXPLANATION

Qrg **Fill**
Raised road grade and construction fill.

QUATERNARY SYSTEM

OAHE FORMATION

Qop **Pond and Slough Sediment**
Clay, silt, and organic debris; obscurely bedded; dark colored; deposited in modern ponds and sloughs.
All map areas not coded are (Qop) pond and slough sediments.

Qu **Currently Unmappable**
Inundated since 1993.

COLEHARBOR GROUP

LAKE SEDIMENT

Qcs **Shoreline Sediment (Holocene and Wisconsinan)**
Sand and gravel; moderately to well sorted; plane bedded and cross-bedded.

Qclt **Nearshore Sediment (Holocene and Wisconsinan)**
Flat bedded, thinly laminated silt and clay, overlying glacial sediment.

GLACIAL SEDIMENT

Qccl **Collapsed Glacial Topography**
Unsorted clay, silt, sand, gravel, and pebbles, with a few cobbles and boulders; flat to gently undulating (<10' local relief) topography; trace disintegration structures visible on air photos.

Qccu **Collapsed Glacial Topography**
Unsorted clay, silt, sand, gravel, and pebbles, with abundant cobbles and boulders; undulating topography (10' - 20' local relief); moderately well-defined disintegration structures visible on air photos.

Qcew **Wave-Eroded Glacial Sediment**
Thin veneer of poorly to moderately sorted clay, silt, and sand, with some pebbles and cobbles overlying undisturbed glacial sediment.

Qcre **Eskers and Kames**
Ridges and hills of poorly to well-sorted sand and gravel intermixed with cobbles, boulders, and till. Crossbedding, laminae, and sediment deformation structures common. Glaciofluvial material.

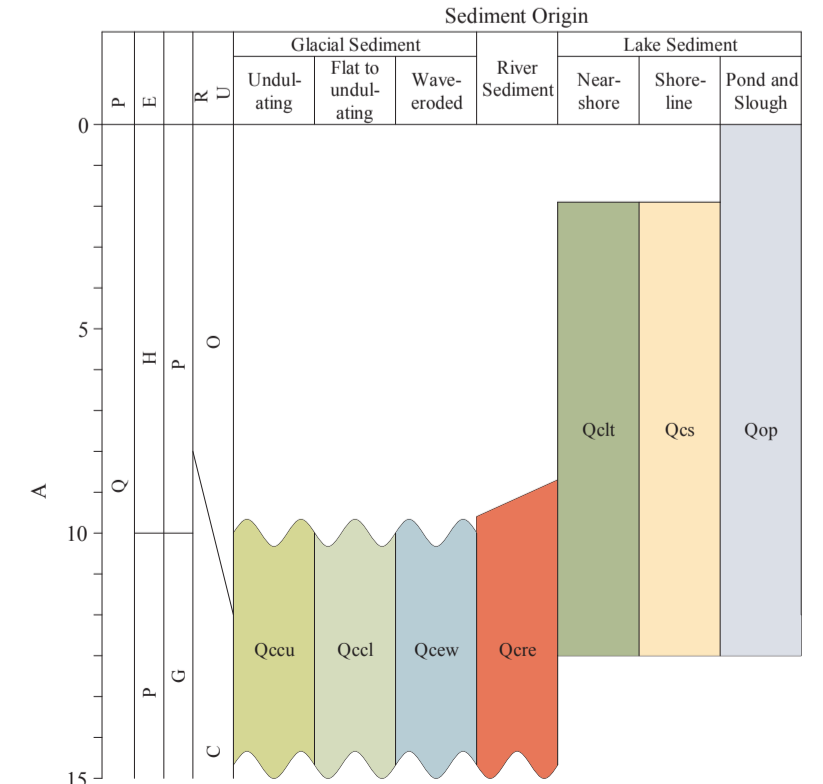
Geologic Symbols

- Geologic contact
- ▬▬▬▬ Partially buried meltwater channel
- ⌋ Transverse ridges on till; mainly washboard moraine
- ⊗ Gravel Pit

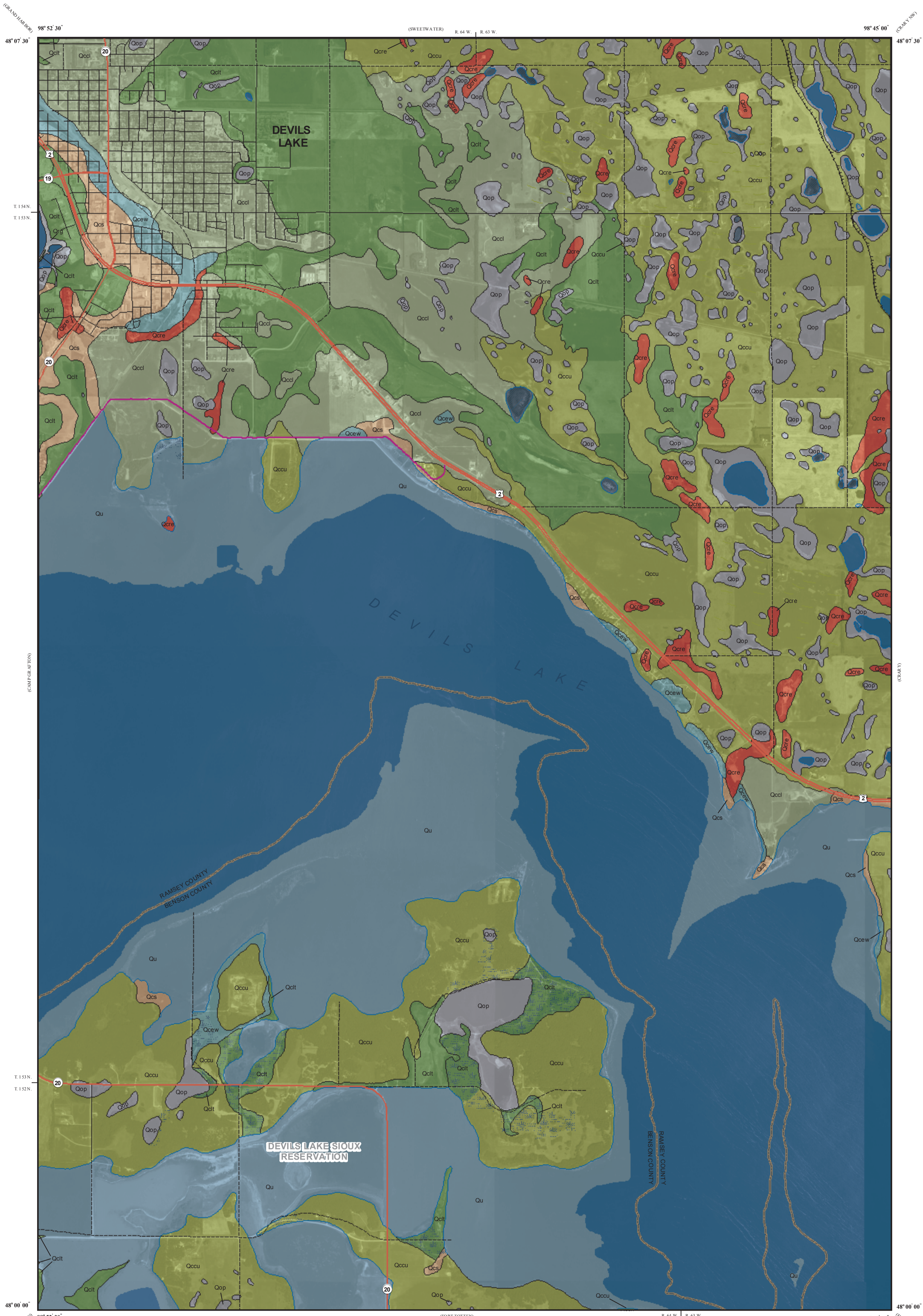
Other Features

- Water
- Marsh
- Existing Levee
- County Boundary
- Reservation Boundary
- U. S. Highway
- State Highway
- Paved Road

Correlation of Map Units



This geologic map was funded in part by the USGS National Cooperative Geologic Mapping Program.



Scale 1:24,000



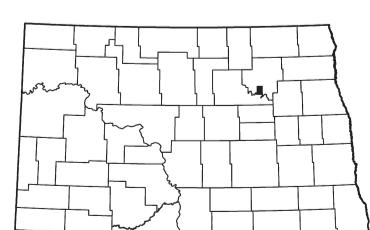
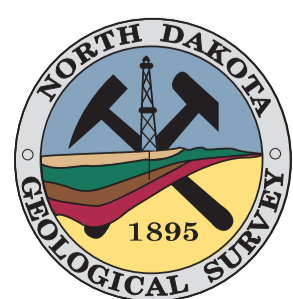
Miles

Lambert Conformal Conic Projection 1927 North American Datum
Standard Parallels 48° 00' 00" and 48° 07' 30"
Aerial Image NAIP 2004

7° 30'

MN

1994 Magnetic North Declination at Center of Sheet



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