

Surface Geology

Devils Lake Quadrangle, North Dakota

Lorraine A. Manz
2004

UNIT DESCRIPTIONS

QUATERNARY SYSTEM

OAHE FORMATION

Qop **Pond and Slough Sediment**
Clay, silt, and organic debris; obscurely bedded; dark colored; deposited in modern ponds and sloughs.

Qu **Currently Unmappable**
Inundated since 1993.

COLEHARBOR GROUP

LAKE SEDIMENT

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

Qelt **Nearshore Sediment**
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 (~1' 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.

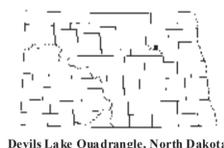
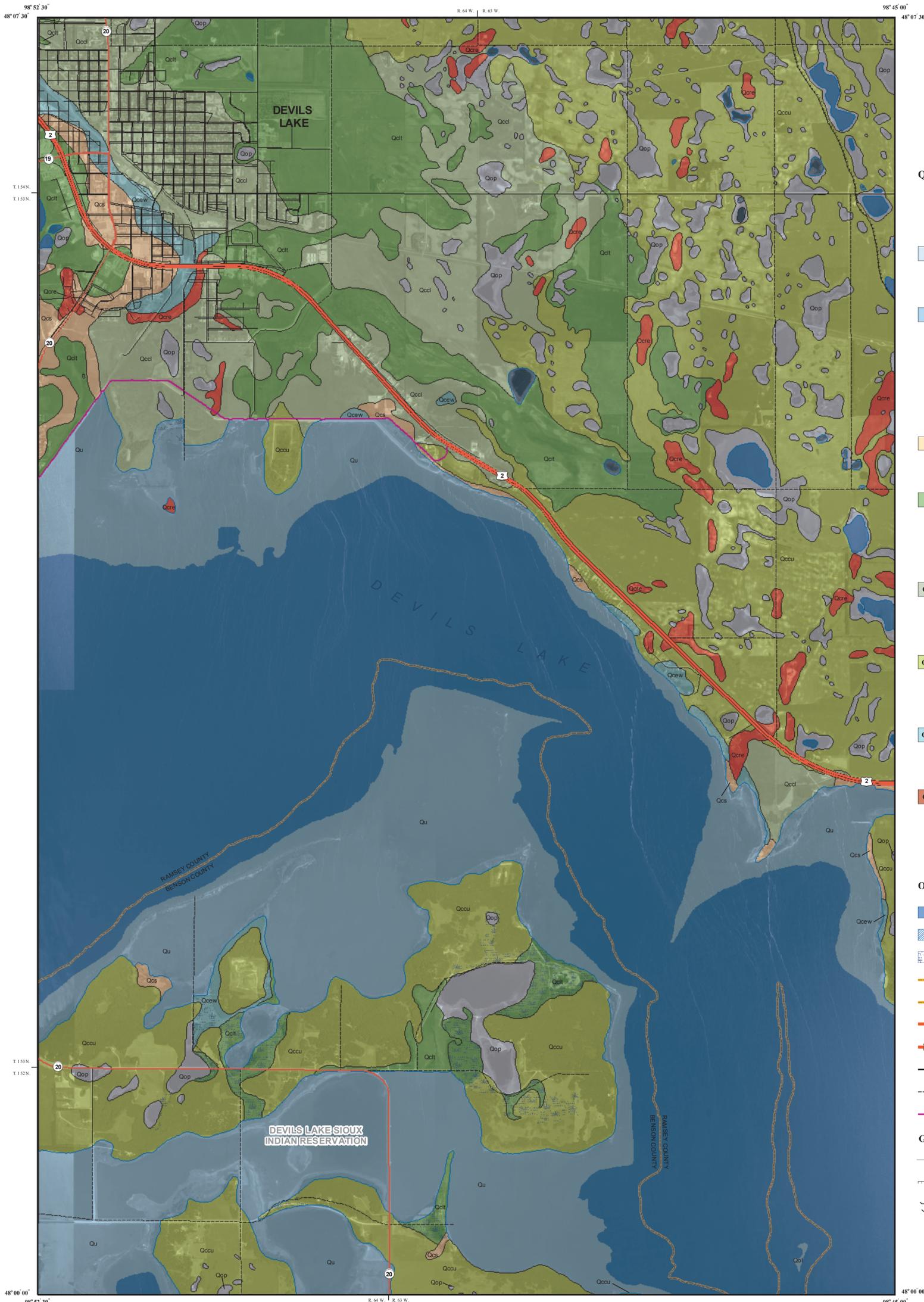
Qere **Eskers and Kames**
Ridges and hills of poorly to well-sorted sand and gravel intermixed with cobbles, boulders, and till. Crossbedding, laminae, and soft-sediment deformation structures common. Glaciofluvial material.

Other Features

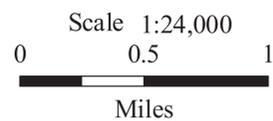
-  Water
-  Water - Intermittent
-  Marsh or Swamp
-  County Boundary
-  Reservation Boundary
-  State Highway
-  U. S. Highway
-  Paved Road
-  Unpaved Road
-  Existing Levee

Geologic Symbols

-  Geologic contact
-  Partially buried meltwater channel
-  Transverse ridges on till: mainly washboard moraine



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



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