

Surface Geology

Camp Grafton Quadrangle, North Dakota

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2005

EXPLANATION

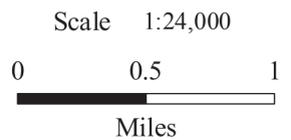
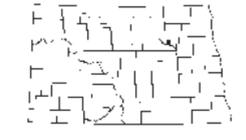
- Qrg** **Fill**
Raised road grade and construction fill.
- Qb** **Borrow Area**
- QUATERNARY SYSTEM**
- OAHE FORMATION**
- Qop** **Pond and Slough Sediment**
Clay, silt, and organic debris; obscurely bedded; dark colored; deposited in modern ponds and sloughs.
- Qu** **Currently Unmappable**
Inundated since 1993.
- COLEHARBOR GROUP**
- LAKE SEDIMENT**
- 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 soft-sediment deformation structures common. Glaciofluvial material.

Geologic Symbols

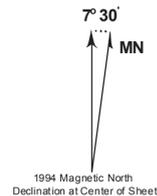
- Geologic contact
- Partially buried meltwater channel
- ~ Transverse ridges on till; mainly washboard moraine
- ⊗ Gravel Pit

Other Features

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



Lambert Conformal Conic Projection 1927 North American Datum
Standard Parallels 48° 00' 00" and 48° 07' 30"
DOQQ - NADP 2003



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