

51-173

EXPLANATION

Qlg

Log gravel on erosional terrace
(Patches of gravel, sand, and silt on surface of an erosional terrace. Represents in general coarse fraction remaining of ground moraine that has been eroded by glacio-fluvial waters. Deposits generally range in thickness from 2 feet to a fathom edge. Because of difficulties of delimiting areal extent of individual patches, deposits are shown as covering entire surface of erosional terrace.)

Qmk

Kame deposit
(Thin-bedded sand, silt, and minor amounts of gravel. Some smaller untested deposits may be till. Indistinct deposits not mapped.)

Qco

Outwash channel deposit
(Gravel, sand, silt, and clay deposited by meltwater in glacial channels. Range in thickness from a thin veneer in small channels to several feet in larger channels. Also includes sand, silt, and clay deposited in shallow basins in southwest part of quadrangle; these deposits are gradational with channel deposits. In places also includes thin deposits of alluvium and slope wash.)

Qgm

Ground moraine
(Chiefly a stoney clay till, locally mantled by sand, silt, or clay deposited by glacial melt waters)

Qm

Moraine on Coteau du Missouri
(A stoney clay till and local accumulations of gravel)

Qfu

Fort Union formation
(Tongue River member)
(Area of exposure generally smaller than shown. Formation believed to underlie surficial deposits in entire quadrangle)

Sand and gravel pit

Inactive lignite mine, strip

House

Farm buildings other than house (not shown where house is present)

School

Church

Cemetery

Primitive road, ungraded or graded but not maintained

Graded road

Graded and gravelled road, state highway shown by circled number

Black top surfaced federal highway

Small dam

Lake

Poorly drained area, intermittently marshy

Intermittent stream

Spring

Bench mark showing altitude, approximate location

Triangulation station

Contact

Contact, approximate

Contact, gradational or indefinite

QUATERNARY

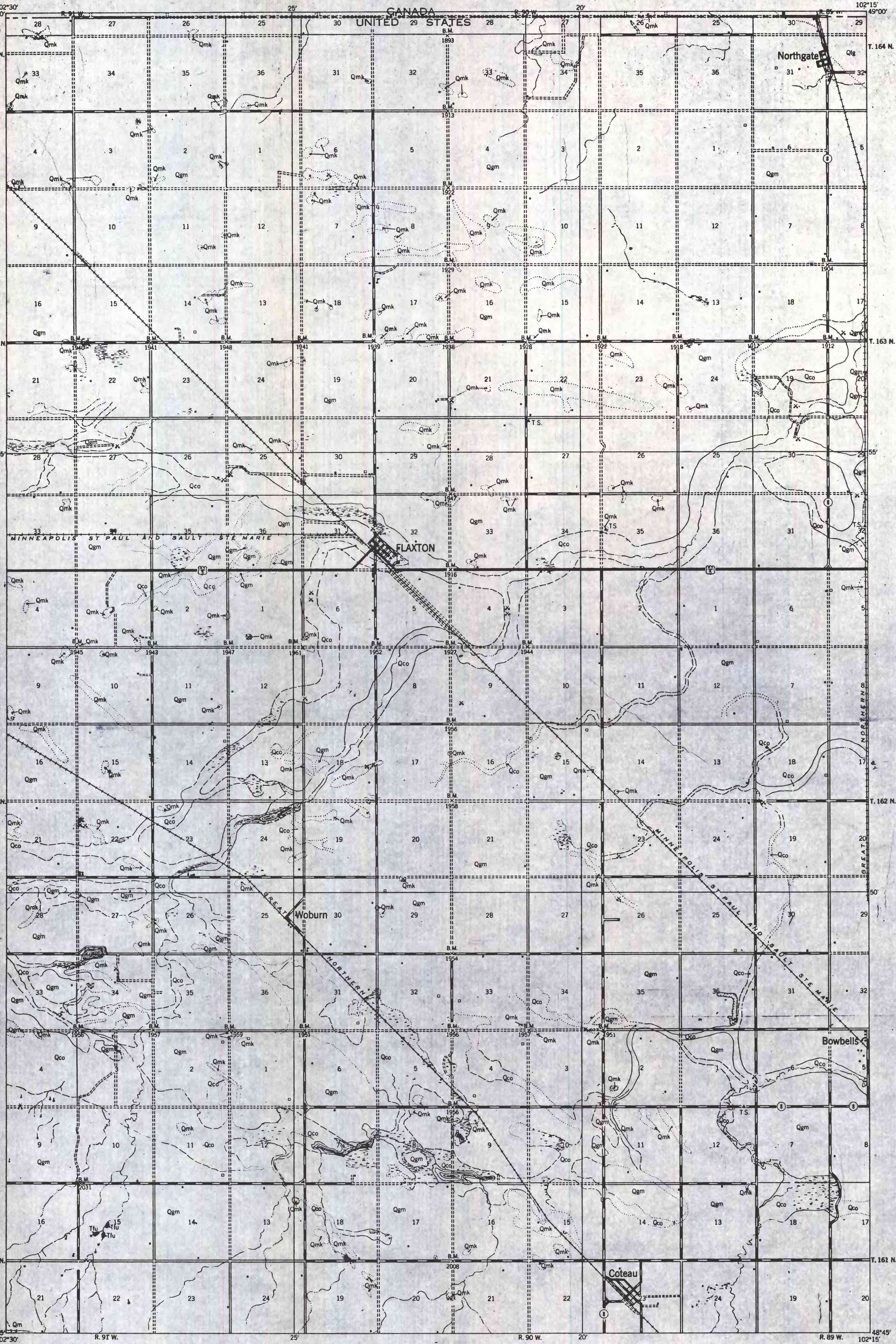
TERTIARY

Pleistocene

Wisconsin Stage

Late Wisconsin

Paleocene



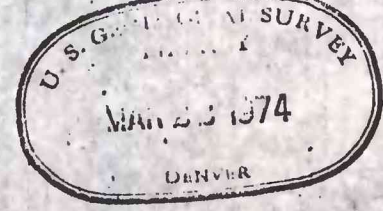
Base compiled from General Land Office township plats and Geological Survey transit traverse control

Geology mapped in 1946 by Richard W. Lemke, assisted by Fred S. Jensen; mapped in part by Clifford A. Kaye

PRELIMINARY

GEOLOGIC MAP OF FLAXTON QUADRANGLE, NORTH DAKOTA

Scale 1:48,000



U. S. Geological Survey
OPEN FILE REPORT

This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

