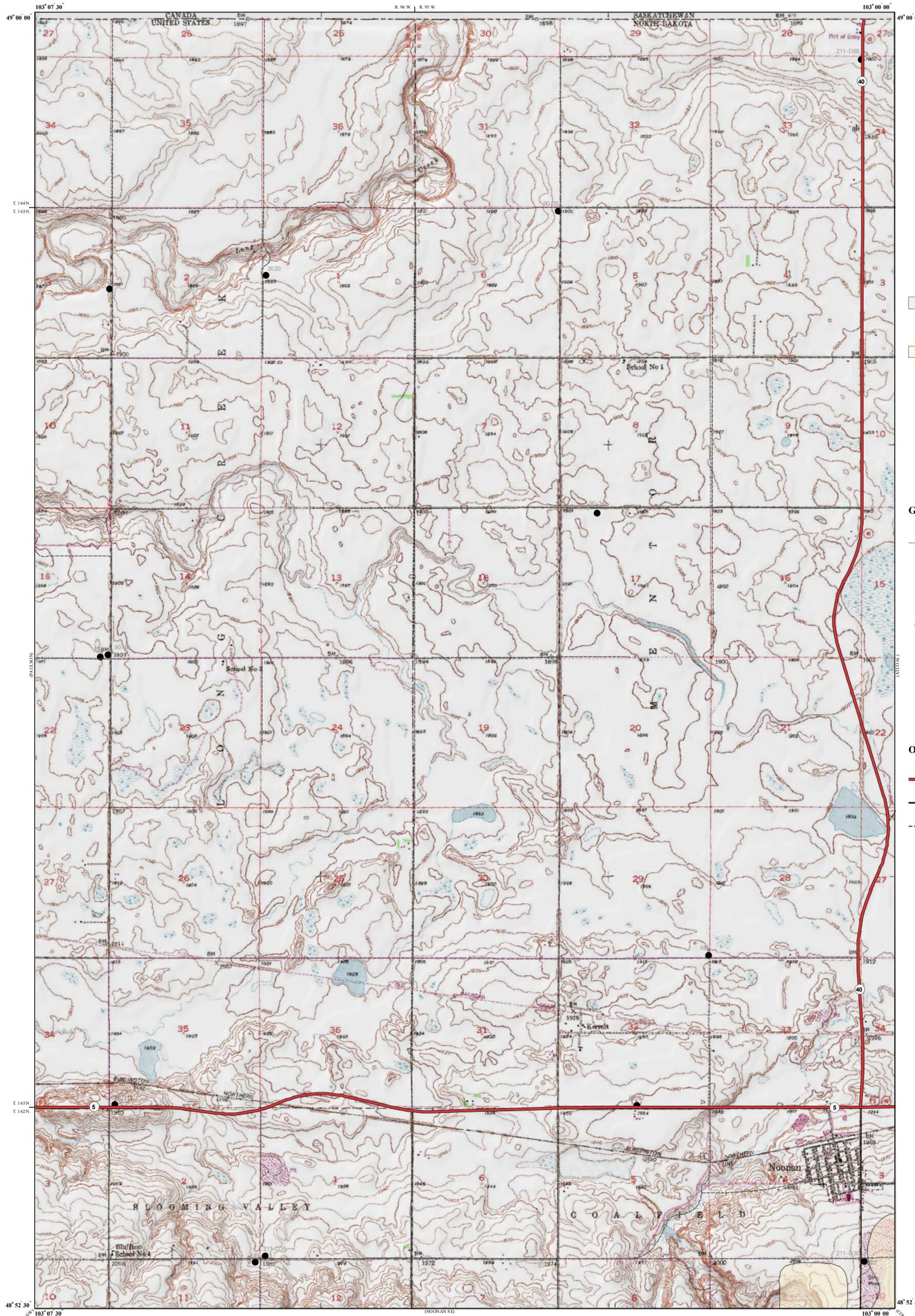


Lignite Reserves

Noonan Quadrangle, North Dakota

Edward C. Murphy
2008



UNIT DESCRIPTIONS

Geology Undifferentiated

Mined Area

Geologic Symbols

Extent of Local Lignite Reserves

Data Points

Includes Coal Exploration NDGS/USGS drill holes, Sub-surface Mineral drill holes, Oil & Gas drill holes, and NDSWC drill holes.

Drill Hole Numbers

Thickness (in feet) of Mineable Lignite

Coal thicknesses were determined by interpretation of electric logs from individual drill holes. Gamma and density logs were typically available for coal exploration holes but, oil wells were often limited to a gamma log run through surface casing.

Other Features

State Highway

Paved Road

Unpaved Road

Scale 1:24,000

0 0.5 1

Miles

Lambert Conformal Conic Projection Standard Parallels 48° 52' 30" and 49° 00' 00"
1927 North American Datum NGVD 1929
USGS 7.5 Minute Topographic Map Contour Interval 5 Feet
Road Layer Rectified to 2003 NAIP Digital Orthophoto

12° 30'

MN
1981 Magnetic North
Declination at Center of Sheet

This project supported, in part by the U.S Geological Survey, Department of Interior, under assistance awards 02ERAG0016 and 05ERAG0053.



Noonan Quadrangle, North Dakota