Lignite Reserves
Dickinson North Quadrangle, North Dakota

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2008

UNIT DESCRIPTIONS
- Area Of Mined Lignite
- Geology Undifferentiated
- Economic Coal Deposits

Economic coal deposits are those that meet the minimum criteria established by coal companies operating surface mines in North Dakota. These economic criteria include a minimum cumulative coal thickness of two feet, typically occurring in less than two beds, a minimum individual bed thickness of at least 2.5 feet, a ratio of overburden to coal thickness of not more than 10:1, a minimum and maximum depth to coal of approximately 150 feet.

Geologic Symbols
- Extent of Local Lignite Reserves
- Data Points
- Drill Hole Numbers
- Thickness (in feet) of Mineable Lignite

Coal thicknesses were determined by interpretation of electric logs from residual 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
- Interstate Highway
- State Highway
- Paved Road
- Unpaved Road

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