

# Lignite Reserves

## North Almont Quadrangle, North Dakota

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### UNIT DESCRIPTIONS

 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 ten 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 of 25 feet of overburden, and a maximum depth to coal of approximately 150 feet.


### 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.

T-207  Drill Hole Numbers

 Thickness (in feet) of Mineable Lignite

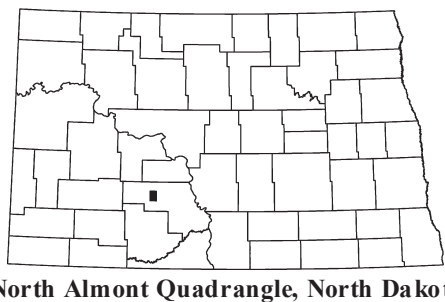
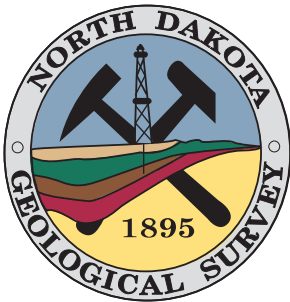
Coal thicknesses were determined by interpretation of electric logs from individual drill holes. Gamma and density logs were typically available for coal exploration holes but, oil wells were often limited to a gamma log run through surface casing.

### Other Features

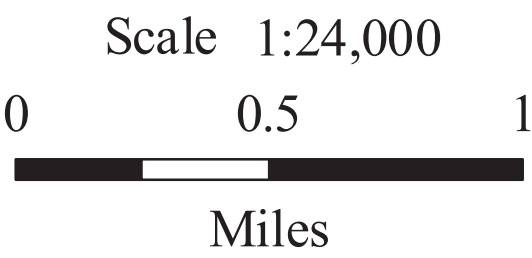
 Interstate Highway

 Paved Road

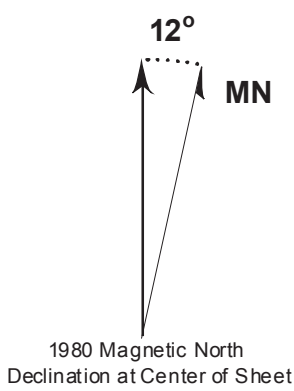
 Unpaved Road



North Almont Quadrangle, North Dakota



Lambert Conformal Conic Projection  
1927 North American Datum  
Standard Parallels 46° 45' 00" and 46° 52' 30"



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