North Dakota Geology

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Definition of Coal:
_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________

What modern state has a climate that was similar to North Dakota’s climate during peat formation 55-60 million years ago? ____________________________________________________________

In the United States, there is an estimated recoverable coal reserve of
________________________________________________________ short tons.

North Dakota contains an estimated ________ billion tons of economically mineable coal, enough to
last for over _____ years at the present rate of about _____ million tons per year.

What group does the Sentinel Butte Formation belong to?
________________________________________________

The Sentinel Butte Formation generally consists of ___________, ___________ and ___________
deposits and is located in the ___________________________ Basin.

Fill in the blanks:

When was the latest Glaciation episode? ________________________________ years ago.

[Diagram of coal formation with labels: Burial pressure, heat, and time, Bituminous]
What is the definition of Glauconite?
_____________________________________________________________________________________
_____________________________________________________________________________________
What is Paleosol?
_____________________________________________________________________________________
_____________________________________________________________________________________