

**Bibliography**  
of the  
**Geology of North Dakota**  
**1980-1993**

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# Acknowledgement

After several years of effort by North Dakota Geological Survey geologists and Larry Greenwood, the Director of the Minot State University Library, we will soon go to press with a bibliography of North Dakota geology. The NDGS has published two annotated bibliographies, both by Scott. The first, Miscellaneous Series 49, published in 1972, covers the period from 1806 through 1959 and the second, Miscellaneous Series 60, published in 1981, covers the period 1960 through 1979. This bibliography, which is not annotated, covers the period 1980 through 1993. The new bibliography includes an alphabetical author index and a subject index.

This bibliography of North Dakota Geology was begun by Greenwood who did the initial downloading of all references with North Dakota as one of the keywords from online bibliographic services. Several hundred references were added by contacting geologists who have either conducted research in North Dakota in the past or are presently active in the state. Geologists at various colleges and universities, the U. S. Geological Survey, other state and federal agencies, and private companies graciously provided us with updated publication lists. Our own geologists were able to add several dozen references to the list. While we tried to be as complete as possible, we know we have missed references. We thank everyone who helped us to make the bibliography as complete as possible. We apologize to those whose work was missed or not included.

Our appreciation for the earlier efforts of Scott and other librarians involved in similar projects greatly increased as we worked on this publication. We chose to not annotate our subject index as had been done by Scott. Our initial database contained approximately 2,000 keywords, but we pared the list down to about 900 because the subject index printed out to 1,000 pages when it was first printed. With the shorter keyword list we have a much shorter subject index, even with the references we added. A new feature in this bibliography is the Table of Contents for the subject index. It is the subject index without references and is intended to provide a means to quickly locate topic(s) of interest.

One decision we had to make was whether or not to include references to the work of R. L. Houghton, a former United States Geological Survey employee. Houghton's research has been questioned as to the validity and repeatability of the data contained within it and has been repudiated by the United States Geological Survey. Our decision to include references to Houghton is based upon the fact that copies of this literature are available in many libraries. We are taking this opportunity to alert readers to the fact that some of his data has been questioned and care should be taken if it is used. Also, Houghton worked with a number of other scientists whose work is not subject to the same scrutiny and the validity of their data is not questioned. An asterisk (\*) has been added to each reference including Houghton's name and the reader is referred to this section for explanation.

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**Carbonate rocks**            *see under* Sedimentary rocks - carbonate rocks

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see Pleistocene  
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**Dolomitization** see under Diagenesis - dolomitization

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#### **Eolian features** *see under Geomorphology*

\*See Acknowledgement on page i.

**Erosion** see under Geomorphology - processes

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**Floods** see under Engineering geology

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**Fort Union Formation** see Fort Union Group

### **Fort Union Group**

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see Lignite *under* Economic geology

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**Mammals**                *see under* Paleontology - vertebrates

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                               *see under* Engineering geology  
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**Mesozoic**      see Cretaceous  
                    see Jurassic  
                    see Triassic

**Metals**            see Gold *under* Economic geology  
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**Orogeny**            see Tectonics *under* Structural geology

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**Paleogene**      see Paleocene  
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- Fischer, D. W., and Burke, R. B., 1987, A synoptic overview of Winnipegosis pinnacle reefs in North Dakota
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**Paleosols**        see *under* Soils

**Paleozoic**        see Cambrian  
                      see Ordovician  
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### **Sedimentary rocks - chemically precipitated rocks**

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- Clausen, E. N., 1990, Origin of quartz latite porphyry cobbles found at base of White River Group sediments in southwest North Dakota
- Dyman, T. S., et al., 1991, West-east stratigraphic transect of Cretaceous rocks; southwestern Montana to western Minnesota
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- Armstrong, C. A., 1985, The geohydrologic system and probable effects of mining in the Sand Creek-Hanks lignite area, western Williams County, North Dakota
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