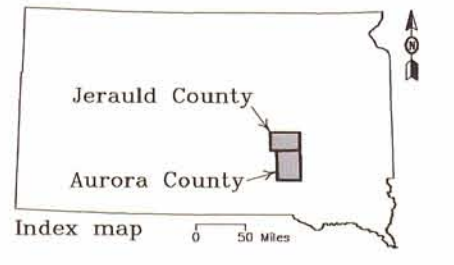


Plate 3. Stratigraphic cross sections of Aurora and Jerauld Counties, South Dakota.

Department of Environment and Natural Resources
Division of Financial and Technical Assistance
South Dakota Geological Survey

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|----------------------|----------------------|----------------|--------|--|--|-------|--|
| Cretaceous Tertiary? | Plio-Pleistocene | Kansan | Kal | alluvium | | | |
| | | | Kco | colluvium | | | |
| | | | Kwloc | outwash, collapsed | | | |
| | | | Kwlo | outwash, undifferentiated | | | |
| | | | Kwlt-A | till A | | | |
| | | | Kwll | lacustrine | | | |
| | | | Kwlt-B | till B | | | |
| | | | Kwlt | fill, undifferentiated | | | |
| | | | Kkw | Wagner Formation | | | |
| | | | Kwa | nonglacial alluvium | | | |
| Quaternary | Pleistocene Holocene | late Wisconsin | Qal | alluvium | | | |
| | | | Qco | colluvium | | | |
| | | | Qwloc | outwash, collapsed | | | |
| | | | Qwlo | outwash, undifferentiated | | | |
| | | | Qwlt-A | till A | | | |
| Cretaceous Tertiary? | Plio-Pleistocene | Kansan | Kpu | Pierre Shale, undifferentiated | | | |
| | | | Kn | Niobrara Formation | | | |
| | | | Kc | Carlile Shale | | | |
| | | | Kcc | Codell Sandstone Member, Carlile Shale | | | |
| | | | Kgh | Greenhorn Limestone | | | |
| | | | | | | — | buried weathered zone |
| | | | | | | - - - | approximate geologic contact |
| | | | | | | 40 | Test hole. Number corresponds to index map showing locations of stratigraphic cross sections and list of legal descriptions in appendix. Logs of test holes are available from the South Dakota Geological Survey. |
| | | | | | | | Vertical exaggeration = 52.8x |

