

**KANSAS GEOLOGICAL SURVEY
OPEN-FILE REPORT 2011-13**

**PRELIMINARY GEOLOGIC FIELD MAPS AND STRATIGRAPHIC
COLUMN, COPELAND QUADRANGLE, HASKELL COUNTY,
KANSAS**

by

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Stratigraphic Column Haskell County, Kansas

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Cenozoic Rocks

- Qal** **Undifferentiated alluvium**
Coarse gravel to clay; Holocene age
- Qt** **Alluvial terrace deposits**
Coarse gravel to clay; age of terrace fills ranges from Pleistocene to at least middle Holocene
- Qp** **Upland intermittent late (playa) deposits**
Shallow basins filled with silt, fine sand, and caliche in larger basins
- Qds** **Dune sand**
Sand dunes derived from Pleistocene terrace deposits
- Qss** **Sheet sand**
Sand occurring in sheets derived from Pleistocene terrace deposits
- Qas** **Active sand**
Areas of blow sand as they existed at the time of mapping
- Ql** **Loess**
Wind deposited silt, minor amounts of clay and fine sand, Pleistocene to late Holocene in age
- No** **Ogallala Formation**
Fluvial deposits of gravel, sand, silt, and clay, calcrete and volcanic lenses occur with stratigraphic frequency; primarily Miocene in age

Place Holder Only

Large Maps in Folder