

**KANSAS GEOLOGICAL SURVEY
OPEN-FILE REPORT 2011-11**

**PRELIMINARY GEOLOGIC FIELD MAPS AND STRATIGRAPHIC
COLUMN, HARVEY COUNTY, KANSAS**

by

Jon Smith
Richard Sleezer

Disclaimer

The Kansas Geological Survey does not guarantee this document to be free from errors or inaccuracies and disclaims any responsibility or liability for interpretations based on data used in the production of this document or decisions based thereon. This report is intended to make results of research available at the earliest possible date, but is not intended to constitute final or formal publications.

Kansas Geological Survey
1930 Constant Avenue
University of Kansas
Lawrence, KS 66047-3726

Stratigraphic Column Harvey County, Kansas

Jon Smith and Richard Sleezer

Quaternary 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
- Qds** **Dune sand**
Sand dunes derived from Pleistocene terrace deposits
- Qss** **Sheet sand**
Sand occurring in sheets derived from Pleistocene terrace deposits
- Ql** **Loess**
Wind deposited silt, minor amounts of clay and fine sand, Pleistocene to late Holocene in age
- Qmc** **McPherson Formation**
Coarse gravel and sand sometimes grading upward into silt; includes lentils of volcanic ash

Paleozoic Rocks

- Pw** **Permian Sumner Group, Wellington Formation**
Mostly green-gray shale interbedded with limestone and gypsum

Place Holder Only

Large Maps in Folder