

**KANSAS GEOLOGICAL SURVEY
OPEN-FILE REPORT 2012-10**

PRELIMINARY GEOLOGY FIELD MAPS AND STRAIGRAPHIC
COLUMN, HARVEY COUNTY, KANSAS, PEABODY NW, ELBING,
AND WHITEWATER QUADRANGLES, 1:24,000 SCALE

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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

- Ps** **Permian Sumner Group**
Chiefly green-gray shale interbedded with limestone, gypsum and anhydrite of the Wellington Formation.

Place Holder Only

Large Maps in Folder