KANSAS GEOLOGICAL SURVEY
OPEN FILE REPORT 2009-12

Preliminary geologic field maps of Reno County, Kansas

by

W.C. Johnson
Terri Woodburn

Stratigraphic Column
Reno County, Kansas

William C. Johnson
University of Kansas

Quaternary System

Alluvial deposits

Qal   **undifferentiated alluvium**
coarse gravel to clay; Holocene age
0-60 feet

Qt   **alluvial terrace deposits**
coarse gravel to clay; late Pleistocene to Holocene ages
0-130 feet

Qp   **upland intermittent lake (playa) deposits**
silt to clay; late Pleistocene to Holocene ages; 0-6 ft

Qm   **Meade Formation**
granitic coarse gravel and sand, highly oxidized, of the lower
Grand Island member grading upward into sand and silt of the
Sappa member that includes lentils of Pearlette ash; early to
middle Pleistocene ages
0-140 feet

Qb   **Blanco Formation**
coarse gravel to sand of Cretaceous and Permian material
overlain by alluvial silt; early Pleistocene age
0-140 feet

Eolian deposits

Qds   **Dune sand**
sand occurring in dunes; late Pleistocene to Holocene ages
0-120 feet

As   **Active sand**

Ql   **Peoria and Loveland Loess - includes Crete sand and gravel**
fine-grained sediments, dominantly silt-sized; includes Crete sand
and gravel in the western portion of the county; Pleistocene to
Holocene ages
0-70 feet

Permian System
Leonardian Series

P   **Harper sandstone, Stone Corral dolomite and Ninnescah shale**
red siltstone to very fine grained silty sandstone overlying dolomite
and red and light gray shale to siltstone
0-520 feet

Place Holder Only

Large Maps in Folder