KANSAS GEOLOGICAL SURVEY
OPEN-FILE REPORT 2010-9

Preliminary Geologic Field Maps and Stratigraphic Column, Reno County, Kansas

by

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OF 2010-9
Reno Co.

Arlington
Cunnigham
Kingman NW
Langdon
Penalosa
Plevna
Pretty Prairie SW
Sylvia
Turon

Stratigraphic Column
Reno County, Kansas

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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

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 age
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

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