

Stratigraphic Column Norton County, Kansas

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Quaternary System

Alluvial deposits

Qal

Undifferentiated flood plain alluvium

coarse gravel to clay; late Holocene age

Qt

Holocene age

Medium sand to clay; early to middle Holocene ages

Qp

Upland intermittent lake (playa) deposits

silt to clay; late Pleistocene to Holocene ages

Eolian deposits

Ql

Loess

fine-grained sediments, dominantly silt-sized; Pleistocene to Holocene ages

Tertiary System

To

Undifferentiated alluvium, dominated by the Ogallala Formation

coarse gravel to clay; calcareous; Miocene to middle Pleistocene age; includes the Miocene Ogallala Formation, early Pleistocene Meade Formation, and other Pleistocene alluvial units

Cretaceous System

Upper Cretaceous Series

Ksh

Niobrara Formation – Smoky Hill chalk member

Chalk and chalky shale with limonitic concretions and abundant shells of *Inceramus grandis* and *Ostrea congesta*

Place Holder Only

Large Maps in Folder