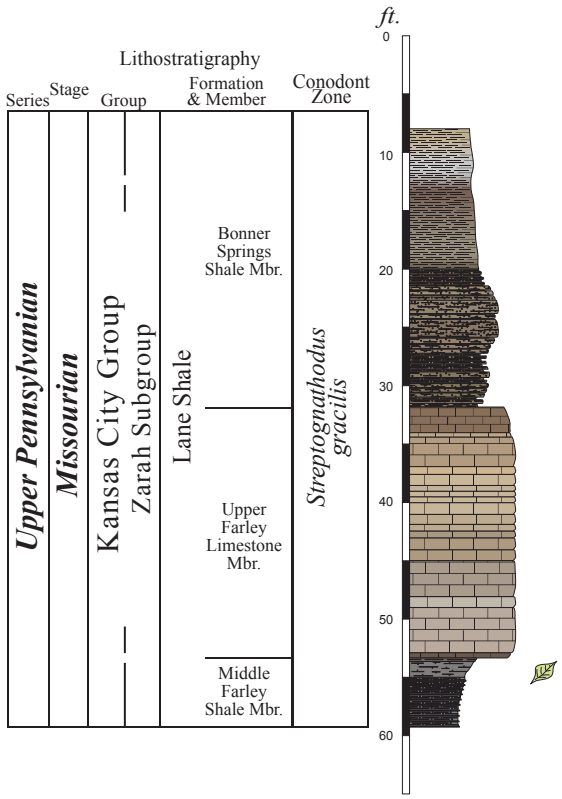
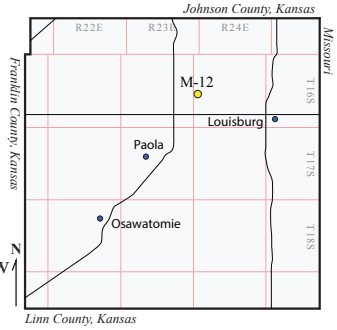
KDOT: M-12 Core, Miami County, NE Kansas



KID: 1035179933
Location: T16S R24E, Sec. 18 SE SW SW
Longitude: -94.8041046°
Latitude: 38.6510946°
Elevation: 1060 GL
Total Depth: 59 feet
Note: Middle of triangle at t-intersection of Ridgeview Rd. and 263rd Rd.

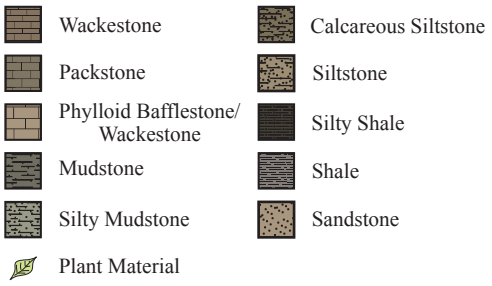


Lane Shale (Total Thickness: 51.25 ft.)

Bonner Springs Shale Mbr.: (7.92 –31.71 ft.)
- Shale (7.92-20.2ft); red staining (13.75-17.25 ft.)
- Interbedded Silt/Shale (20.2-22.64 ft.)
- Siltstone (22.64-23.88 ft.)
- Interbedded Silt/Shale (23.88-24.33 ft.)
- Siltstone (24.33-25.75 ft.)
- Interbedded Silt/Shale (25.75-26.0 ft.)
- Siltstone (26.0-26.25 ft.)
- Interbedded Silt/Shale (26.25-28.67 ft.)
- Siltstone (28.67-29.17 ft.)
- Interbedded Silt/Shale (29.17-31.5 ft.)
- Fossiliferous Shale (31.5-31.71 ft.)

Upper Farley Limestone Mbr.: (31.71-53.38 ft.)
- Packstone (31.71-34.42 ft.)
- Phylloid Bafflestone/Wackestone (34.42-52.83 ft.); mottled/mottling throughout; sharp increase in mottling (51.5-53.17 ft.)
- Packstone (52.83-53.38 ft.)

Middle Farley Shale Mbr.: (53.38-59.17 ft.)
- Fossiliferous Shale (53.38-53.58 ft.); plant debris visible
- Interbedded Silt/Shale (53.58-59.17 ft.); plant debris visible



Core Logged and Illustrated by: Stephan C. Oborny, University of Iowa