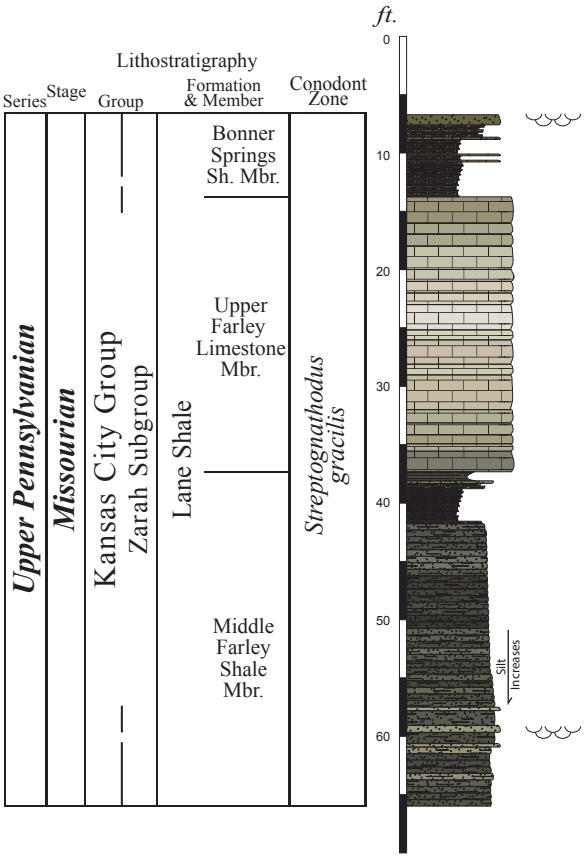
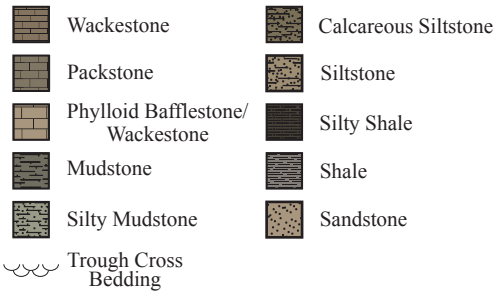
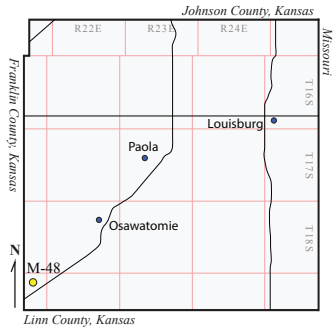
KDOT: M-48 Core, Miami County, NE Kansas





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

KID: 1035180091
Location: T19S R21E, Sec. 2 SW SE SE
Longitude: -95.0506269°
Latitude: 38.4196935°
Elevation: 1060 GL
Total Depth: 74 feet
Note: N. side of 391st Rd., 0.15 mi. W. of Pleasant Valley Rd.



Fe-Staining: 6'8"- 12'0" (6.67-12.00 ft.)

Lane Shale: (Total Thickness: 59.41 ft.)
Bonner Springs Shale Mbr.: (6.67-13.75 ft.)
Sandstone (V-Fine, Trough Cross Bedding) (6.67-7.50 ft.)
Interbedded Silt/Shale (7.50-8.67 ft.)
Sandstone (V-Fine) (8.67-8.83 ft.)
Interbedded Silt/Shale (8.83-10.08 ft.)
Sandstone (V-Fine) (10.08-10.21 ft.)
Interbedded Silt/Shale (10.21-10.62 ft.)
Sandstone (V-Fine) (10.62-10.79 ft.)
Interbedded Silt/Shale (10.79-12.58 ft.)
Calcareous Siltstone (Coarse) (12.58-12.71 ft.)
Interbedded Silt/Shale (12.71-13.21 ft.)
Shale <Fossiliferous> (13.21-13.75 ft.)
Almost an Argillaceous-Packstone
Upper Farley Limestone Mbr.: (13.75-37.42 ft.)
Phylloid Bafflestone/Wackestone
Middle Farley Shale Mbr.: (37.42-66.08 ft.)
Silty Shale <Fossiliferous> (37.42-38.12 ft.)
Calcareous Siltstone (Medium) (38.12-38.37 ft.)
Interbedded Silt/Shale (38.37-41.79 ft.)
Mud increases w/ depth (39.58-41.79 ft.)
Calcareous Siltstone (Medium) (41.79-57.54 ft.)
Silt increases w/ depth (55.52-57.54 ft.)
Sandstone (V-Fine) (57.54-57.75 ft.)
Calcareous Siltstone (Medium) (57.75-59.75 ft.)
Sandstone (V-Fine, Trough Cross Bedding) (59.75-59.58 ft.)
Calcareous Siltstone (Medium) (59.58-60.58 ft.)
Sandstone (V-Fine, Trough Cross Bedding) (60.58-60.87 ft.)
Calcareous Siltstone (Medium) (60.87-66.08 ft.)