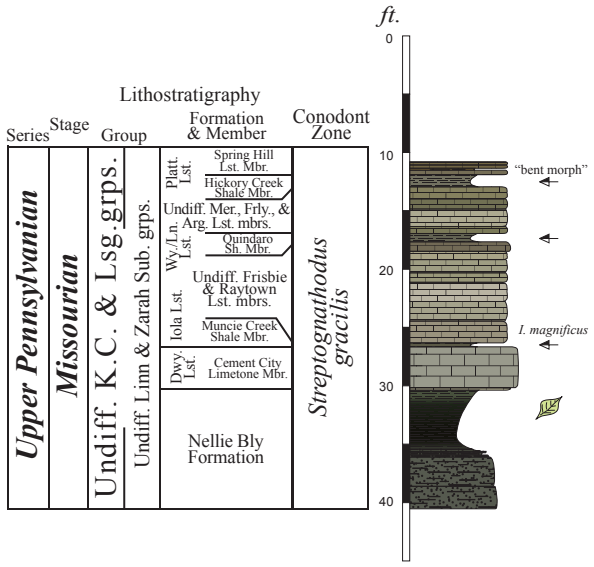
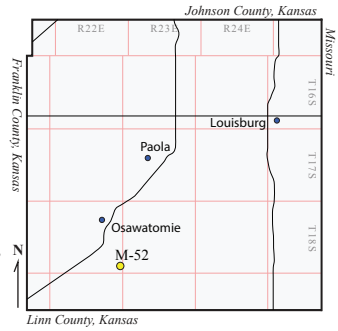
KDOT: M-52 Core, Miami County, NE Kansas

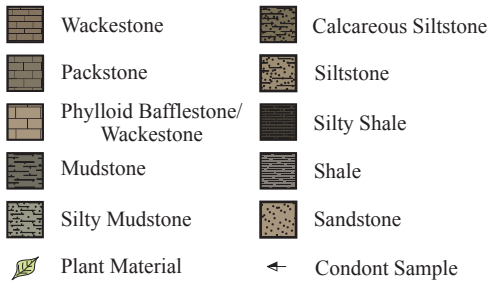


KID: 1035180094
Location: T18S R22E, Sec. 36 SE SE SE
Longitude: -94.9192658°
Latitude: 38.4445781°
Elevation: 971 GL
Total Depth: 44 feet
Note: W. side of Lookout Rd., 0.2 mi. S. of 375th Rd.



Fe-Staining: 10'9"-17'0" (10.75-17.0 ft.)

Iola Lst., Wyandotte Lst., Lane Sh., & Plattsburg Lst [Liberty Mem. & Chanute Shale Absent]
(Total Thickness: 15.96 ft.)
Spring Hill Limestone Mbr.: (10.75-11.92 ft.)
Wackestone (10.75-11.38 ft.)
Mudstone (11.38-11.5 ft.)
Wackestone (11.5-11.92 ft.)
Hickory Creek Shale Mbr.: (11.92-12.92 ft.)
Shale <Fossiliferous>
Undiff. Merriam, Farley, & Argentine lst. mbrs.: (12.92-16.92 ft.)
Wackestone
Quindaro Shale Mbr.: (16.92-17.71 ft.)
Shale <Fossiliferous>
Undiff. Frisbie & Raytown lst. mbrs.: (17.71-26.33 ft.)
Packstone (17.71-18.58 ft.)
Wackestone (18.58-26.33 ft.)
Muncie Creek Shale Mbr.: (26.33-26.71 ft.)
Shale
Dewey Limestone (Total Thickness: 3.67 ft.)
Cement City Limestone Mbr.: (26.71-30.38 ft.)
Phylloid Bafflestone/Wackestone (26.71-30.21 ft.)
Packstone <Argillacous> (30.21-30.38 ft.)
(Fossil Lag at Base)
Nellie Bly Formation: (Total Thickness: 10.12 ft.)
Shale <Plant Material> (30.38-35.33 ft.)
Calcareous Siltstone <Medium> (35.33-38.63 ft.)
Siltstone <Coarse> (38.63-40.5 ft.)



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