

| Depth | Stratigraphic Units | | | | | Rock Color | Lithology Rock Column | Sedimentary Structures | Fossils | Remarks |
|-------|----------------------|------------------|----------|-------|-------|------------|--------------------------|------------------------|---------|---|
| | Members | Formations | Subgroup | Group | Stage | | | | | |
| 0 | Coal Creek Limestone | Topeka Limestone | | | | | | | | Limestone light-olive-gray silty weathers to nodular beds less than 0.2 ft thick interbeds less than 0.05 ft thick of light-olive-gray calcareous siltstone member capped by hard limestone bed 0.6 ft thick underlain by siltstone bed 0.6 ft thick that contains a few limestone lenses USGS fossil loc. 19447-PC (f12996) 4.4 |
| 5 | Holt Shale | | | | | | | | | Siltstone dark-gray laminated weathers to medium-dark-gray fissile fragments upper contact slightly irregular rhombo-poroid bryozoans |
| | Du Bois Limestone | | | | | | | | | Limestone medium-dark-gray very finely crystalline hard |
| | Turner Creek Shale | | | | | | | | | Siltstone light-olive-gray Limestone light-olive-gray Limestone medium-gray very Limestone medium-dark-gray |
| 10 | Sheldon Limestone | | | | | | | | | Limestone light-gray to light-olive-gray weathers light olive gray to very light yellowish brown silty in lower 0.9 ft forms ledge base is generally poorly exposed very small fossil fragments 3.5 |
| 15 | Jones Point Shale | | | | | | | | | Claystone olive-gray silty to very finely sandy weathers light olive gray micaceous on bedding planes 2.7 |
| | Curzon Limestone | | | | | | | | | Limestone light-yellowish-brown to olive-gray very finely silty interbedded with light-olive-gray claystone limestone weathers to thin irregular beds and lenses fusulinids (USGS colln. f12998) gronoid plate and stem fragments echinoid spines rhomboporoid ramose and fenestrate bryozoans Derbyia Chonetes granulifer Owen Neospirifer dunbari R. H. King and Composita subtilita (Hall) identifications by E. L. Yochelson (written commun. 1960) 1.8 |
| 20 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| 30 | Iowa Point Shale | | | | | | | | | Limestone medium-light-gray very finely crystalline hard compact hackly beds 0.4-1.3 ft thick medium-light-gray silty limestone interbeds 0.3-0.5 ft thick brownish-gray fossiliferous chert in irregular masses as much as 0.3 ft thick mainly in zone about 1 ft below top some masses scattered in upper 2 ft Osagia? fusulinids (USGS colln. f12997) gronoid stems bryozoans Composita 4.9 |
| | Hartford Limestone | | | | | | | | | Claystone medium-gray to olive-gray silty laminated micaceous weathers medium light |
| 35 | | | | | | | | | | Limestone light-olive-gray very finely crystalline silty in upper half weathers moderate yellowish brown weathers to irregular blocks in upper 2.7 ft single hard vertically jointed bed that has sharp edges and cable markings in lower 2.8 ft upper contact gradual through about 0.1 ft of silty limestone abundant fusulinids throughout (USGS colln. f12999) algae crinoid stems lophophyllid corals brachiopods and possibly |
| | | | | | | | | | | Siltstone olive-gray slightly |
| 40 | | Calhoun Shale | | | | | | | | Siltstone olive-gray sandy upper contact sharp 1.2 |
| | | | | | | | | | | Coal brownish-black bedless olive-gray sandy laminated to platy micaceous weathers yellowish gray to light olive gray base not exposed 4.0 |

Primary Rock Lithology

- Clay, Claystone
- Silt, Siltstone
- Anthracite Coal
- Limestone

Secondary Rock Lithology

- Clayey, Argillaceous, clay
- Silty, Silt
- Micaceous
- Sandy, sand
- Cherty, chert
- Pyritic, pyrite
- fossiliferous

Fossils

- Fresh Water (Fresh Water)
- Brackish Water (Brackish Water)
- Marine (Marine)
- (F) Few
- (M) Many
- (B) Broken
- Macrofossils
- Brachiopods
- Bryozoans
- Corals
- Echinoderms
- Crinoids
- Echinoids
- Gastropods
- Pelecypods
- Algae
- Larger Foraminifera, or fusulin

Sedimentary Structure Symbols

Depositional Structures

- Bedding Base
- Abrupt or sharp, planar base of bed
- Lamination
- Parallel Laminations
- Stratification
- Horizontal bedding

Deformational Structures

- Nodules