

Figure 81. Mississippian (RI 70) - Burlington Limestone T: 29N R: 22W S: 28
Depth: 202.0

Depth	Stratigraphic Units					Rock Color	Lithology Rock Column	Sedimentary Structures	Fossils	Remarks
	Members	Formations	Subgroup	Stage	Series					
0		Keokuk Limestone								15. Limestone light-gray medium to coarsely crystalline pelletal glauconitic well sorted in 1' beds 8' 8.0
10	Short Creek Oolite									14. Limestone light-gray oolitic some oolites contain 13a. Limestone light-gray medium- crinoidal well-sorted 16' 6.0
20				Middle						13b. Limestone light-gray medium- crinoidal well-sorted 13c. Limestone light-gray medium- crinoidal well-sorted 16' 7.0
40										12. Limestone gray medium to coarsely crinoidal glauconitic brachiopods abundant 6' 6.0
60		Burlington Limestone								11. Limestone light gray finely to coarsely crinoidal in beds 1 to 2' thick. 21' 21.0
80										10. Limestone light gray crinoidal with some finely crystalline beds in beds 0.5 to 3' thick. Chert gray as scattered ellipsoidal nodules 60' 6 60.5
100										
120				Lower						9a. Limestone (50%) light gray 9c. Limestone (50%) light gray 9e. Limestone (50%) light gray
140										7. Limestone (50%) light gray 6. Limestone light gray crinoidal with some finely crystalline beds in beds 0.5 to 3' thick. Chert gray as scattered ellipsoidal nodules 24' 24.0
160										5. Limestone (50%) light gray 4. Limestone light gray crinoidal with some finely crystalline beds in beds 0.5 to 3' thick. Chert gray as scattered ellipsoidal nodules 10' 6 10.5
180										3. Limestone (50%) light gray to medium gray locally brown 2. Limestone medium gray to dark gray slightly dolomitic finely to coarsely crinoidal stylolitic major bedding plane with solution features 15' above base (small cave) 18' 9 18.75 Elsey
200										1. Limestone (50%) light gray finely crystalline with abundant crinoid ossicles beds 4-8 thick. Chert white to cream

Primary Rock Lithology

Limestone

Secondary Rock Lithology

Cherty, chert

Glauconite, Glauconitic

oolitic

fossiliferous

Dolomitic

Fossils

Fresh Water

Brackish Water

Marine

Few

Many

Broken

Macrofossils

Brachiopods

Crinoids

Sedimentary Structure Symbols

Depositional Structures

- Stratification

Horizontal bedding

Deformational Structures

Nodules

Nodules - Silicates

Erosional Structures

Stylolites