

Depth	Stratigraphic Units					Rock Color	Lithology Rock Column	Sedimentary Structures	Fossils	Remarks
	Members	Formations	Subgroup	Stage	System					
0	Silver Lake Shale	Scranton Shale								Limestone silty thin-bedded weathers moderate yellowish Siltstone medium-light-gray to light-olive-gray platy weathers light olive gray to moderate yellowish brown   8.8
5										
10										Claystone medium-dark-gray laminated to platy   10.8
15										
20	Rulo Limestone									Limestone medium-gray very fine grained very argillaceous especially in basal and
22	Cedar Vale Shale									Claystone medium-dark-gray Coal (deeply weathered) (Elmo)
25										Siltstone medium-light-gray very finely sandy laminated to platy micaceous   4.7
30										Sandstone light-gray very fine grained platy to very thin bedded weathers olive gray to olive brown very silty in upper 1.5 ft   1.8 Siltstone medium-gray clayey laminated to platy micaceous weathers olive gray to yellowish brown grades into overlying sandstone   2.1
35										Claystone medium-dark-gray Siltstone very thin bedded very calcareous soft weathers to pale-yellowish-brown to Claystone medium-gray to olive-gray silty platy to very thin bedded weathers medium light gray to light olive gray upper contact sharp even   12.8
40										
45										
50										Siltstone medium-light-gray Siltstone medium-light-gray Siltstone medium-light-gray very calcareous weathers to single bed of moderate-yellowish-brown hard Siltstone medium-light-gray micaceous calcareous in upper 1.5 ft weathers brownish gray to olive brown much iron stain in upper 1.5 ft   2.1 Claystone weathers olive gray   1.5
55	Happy Hollow Limestone White Cloud Shale									Limestone brownish-gray very Siltstone medium-gray to medium-dark-gray laminated to very thin bedded weathers light olive gray to moderate yellowish brown claystone interbeds of same color abundant siltstone chips and plates on weathered outcrop base not exposed   5.5
60										

**Primary Rock Lithology**

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

**Secondary Rock Lithology**

- Clayey, Argillaceous, clay
- Silty, Silt
- Micaceous
- Sandy, sand
- Anthracitic
- Pyritic, pyrite
- Calcareous

**Fossils**

- Fresh Water (Fresh Water)
- Brackish Water (Brackish Water)
- Marine (Marine)
- (F) Few
- (M) Many
- (B) Broken
- Brachiopods
- Bryozoans
- Crinoids
- Pelecypods

**Sedimentary Structure Symbols**

**Depositional Structures**

- Bedding Base
- Abrupt or sharp, planar base of bed
- Lamination
- Parallel Laminations
- Stratification
- Horizontal bedding
- Normal grading/fining upward

**Deformational Structures**

- Nodules - Carbonates
- Calcareous concretions