

Depth	Stratigraphic Units						Rock Color	Lithology Rock Column	Sedimentary Structures	Fossils	Remarks
	Members	Formations	Subgroup	Group	Stage	Series					
0		Stone Corral									42. Dolomite silty or dolomitic sandy siltstone dense light-gray to brown to pale-red (2.5YR6/2) contains Cysticus. Norton's Bed 2? To the west one-fourth mile this is a reddish-brown (5YR5/4) 41. Covered 1.1
10		Ninnescah Shale									39. Clay shale blocky red-brown contains thin gray resistant silty shale beds 15.0
20											38. Siltstone calcareous white 37. Clay shale blocky 36. Clay shale blocky reddish-brown with green spots 35. Siltstone resistant
30											33. Limestone silty light-gray 32. Clay shale gray 0.4
40											30. Dolomite silty light-brown 28. Clay shale blocky reddish-brown 8.1
50											27. Siltstone fine-grained 25. Siltstone argillaceous 24. Clay shale blocky reddish-brown 4.1 23. Siltstone argillaceous 21. (Clay) Geodes calcareous
60											19. Shale dolomitic calcareous 18. Clay shale blocky 17. Shale interbedded thin red 16. Clay shale light 14. Clay shale blocky brownish-red 6.3
70											13. Clay shale crumbly 10. Clay shale silty crumbly somewhat calcareous reddish-brown (2.5YR4/4) with 9. Shale silty calcareous 8. Clay shale blocky 7. Clay shale greenish-gray
80											4. Shale silty hard calcareous
90											2. Clay shale slightly silty reddish-brown (2.5YR5/4) contains a few greenish-gray horizontal streaks 1 to 30 mm in diameter 8
100											

Primary Rock Lithology

- covered
- Clay, Claystone
- Shale
- Silt, Siltstone
- Limestone
- Dolomite

Secondary Rock Lithology

- Clayey, Argillaceous, clay
- Shaly, shale
- Silty, Silt
- Sandy, sand
- Calcareous
- Dolomitic

Fossils

- Fresh Water
- Brackish Water
- Marine
- Few
- Many
- Broken
- Crustaceans

Sedimentary Structure Symbols

Depositional Structures

- Bedding Base
- Abrupt or sharp, planar base of bed
- Cross Bedding
- Planar cross-bedding
- Ripples
- Planar, Horizontal ripples
- Stratification
- Normal grading/fining upward

Deformational Structures

- Syneresis cracks