

Depth	Stratigraphic Units						Rock Color	Lithology Rock Column	Sedimentary Structures	Fossils	Remarks
	Members	Formations	Subgroup	Group	Stage	System					
0	Wakarusa Limestone	Bern Limestone									Limestone light-olive-gray very finely crystalline hard compact weathers to a mottled light-olive-gray and dark-yellowish-brown vertically jointed bed small Cryptogoon-type algae abundant large fusulinids horn corals crinoid columnals and brachiopods   1.8
2											Claystone light-olive-gray silty platy weathers light Limestone light-olive-gray Claystone light-olive-gray Limestone light-olive-gray very finely crystalline
4	Soldier Creek Shale										Claystone olive-gray slightly silty platy weathers light olive gray mottled with light olive brown abundant pyritic limestone inclusions less than 0.01 ft in diameter that weather moderate yellowish brown lower half not exposed   2.6
6	Burlingame Limestone										Limestone pale-yellowish-orange very fine grained argillaceous weathers to pale-yellowish-orange bed Limestone pale-yellowish-brown to light-olive-gray very finely crystalline hard compact brachiopods thin to medium irregular beds a few thick beds weathers pale yellowish orange in upper part weathers light olive gray in rest of unit lower contact irregular gradational abundant large fusulinids crinoid columnals bryozoans and brachiopods in upper 1 ft fossils throughout rest of unit are sparse - primarily Osagia and brachiopods   9.8
8											
10											
12											
14											
16											Claystone medium-light-gray platy calcareous weathers yellowish gray lower contact uneven gradational brachiopods   0.8 Limestone light-olive-gray very finely crystalline hard weathers to
18											

**Primary Rock Lithology**

- Clay, Claystone
- Limestone

**Secondary Rock Lithology**

- Clayey, Argillaceous, clay
- Silty, Silt
- Pyritic, pyrite
- fossiliferous
- Calcareous

**Fossils**

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

**Sedimentary Structure Symbols**

- Depositional Structures
- Bedding Base
- Abrupt or sharp, planar base of bed