



**Primary Rock Lithology**

- Clay, Claystone
- Shale
- Bentonite, Bentonitic
- Siderite
- Limestone

**Secondary Rock Lithology**

- Shaly, shale
- Sideritic, siderite
- Limonitic, limonite
- fossiliferous
- Calcareous
- Phosphate, Phosphatic
- Gypsiferous, gypsum

**Fossils**

- Fresh Water (Fresh Water)
- Brackish Water (Brackish Water)
- Marine (Marine)
- (A) Few
- (B) Many
- (C) Broken
- (D) Macrofossils
- (E) Ammonoids
- (F) Pelecypods
- (G) Fish

**Sedimentary Structure Symbols**

**Depositional Structures**

- Lamination
- Parallel Laminations

**Deformational Structures**

- Flame structure
- Nodules
- Nodules - Anhydrites
- Nodules - Phosphate
- Concretions, nodules, geodes in general
- Calcareous concretions

Montana  
Upper  
Cretaceous