



Primary Rock Lithology

- Clay, Claystone
- Shale
- Silt, Siltstone
- Sand, Sandstone

Secondary Rock Lithology

- Clayey, Argillaceous, clay
- Shaly, shale
- Silty, Silt
- Micaceous
- Sandy, sand
- Cherty, chert
- Carbonaceous, Carbonized
- Pyritic, pyrite
- Sideritic, siderite
- Hematitic, hematite
- Calcareous
- Gypsiferous, gypsum

Fossils

- Fresh Water
- Brackish Water
- Marine
- (F) Few
- (M) Many
- (B) Broken
- Burrows

Sedimentary Structure Symbols

Depositional Structures

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

Deformational Structures

- Nodules
- Nodules - Pyrite, Ironstone
- Concretions, nodules, geodes in general

Erosional Structures

- Tool Marks: prod casts, bounce casts
- Concave Bottom and Flat Top