

**Stratigraphy and Sedimentology
Rock Description and Identification Form**

A. Megascope

1. Specimen # _____ Locality _____

2. Color _____

3. Texture - Siliciclastic

a. mode _____

b. sorting _____

c. particle roundness _____

4. Composition - Siliciclastic

a. major minerals _____

b. accessory minerals _____

c. authigenic minerals _____

3. Texture - Non-Siliciclastic

a. mode _____

b. sorting _____

4. Composition - Non-Siliciclastic

a. allochems _____

b. orthochems _____

c. siliciclastic _____

accessories _____

d. authigenic _____

minerals _____

5. Bonding - Siliciclastic

a. cement _____ matrix _____

b. composition _____

c. degree of induration _____

5. Diagenesis - Non-Siliciclastic

a. dolomitization _____

b. silicification _____

c. other _____

6. Maturity - Siliciclastic

a. textural _____

b. compositional _____

7. Other features

8. Rock name (color, maturity, composition, bonding)

**Stratigraphy and Sedimentology
Rock Description and Identification Form**

B. Microscopic

1. Specimen # _____ Locality _____

2. Color _____

3. Texture - Siliciclastic

a. mode _____

b. sorting _____

c. particle roundness _____

4. Composition - Siliciclastic

a. major minerals _____
(%) _____

b. accessory minerals _____

c. authigenic minerals _____

3. Texture - Non-Siliciclastic

a. mode _____

b. sorting _____

4. Composition - Non-Siliciclastic

a. allochems (%) _____

b. orthochems (%) _____

c. siliciclastic accessories _____

d. authigenic minerals _____

5. Bonding - Siliciclastic

a. cement _____ matrix _____

b. composition _____

c. degree of induration _____

5. Diagenesis - Non-Siliciclastic

a. dolomitization _____

b. silicification _____

c. other _____

6. Maturity - Siliciclastic

a. textural _____

b. compositional _____

7. Other features

8. Rock name (color, maturity, composition, bonding)