

MUDSTONE DESCRIPTION SHEET

Student Name: _____

Sample #: _____ Rock Name: _____

Compositional Assessment

Matrix %: _____ Cement %: _____ Porosity %: _____ Accessory Minerals %: _____

Quartz %: _____ Feldspar %: _____ Rock Fragments %: _____

Total % Clay Mineral _____ Total % Quartz _____ Total % Carbonate _____

Quartz Types and %: _____

Rock Fragment Types and %: _____

Matrix Composition and %: _____

Accessory Minerals and %: _____

Describe the compositional maturity (if siltstone): _____

Textural Assessment

Grain size: _____ Sorting: _____ Grain Shape: _____

Describe the textural maturity (if siltstone): _____

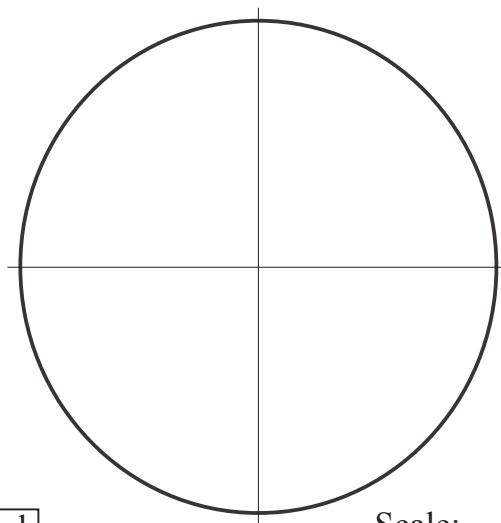
Diagenetic Assessment

Quartz Overgrowths: _____ Grain Contacts: _____

Cement types and %: _____

Authigenic minerals and %: _____

Representative Thin Section Description:

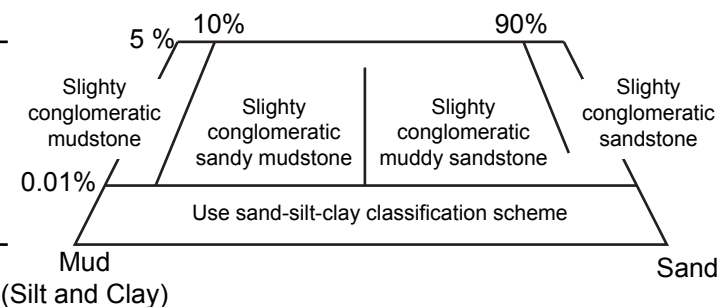
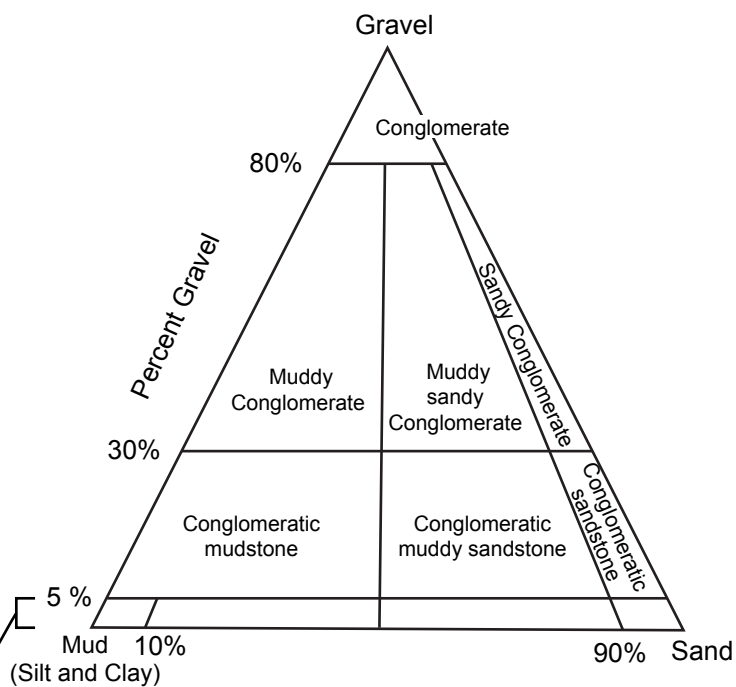


Legend:

Scale: _____ mm

Hand Specimen Description: _____

Interpretation: _____



Textural Classification for Mudstones

modified after Folk 1974

