

EASC 302: MUDROCK HAND SAMPLE AND THIN SECTION DESCRIPTION ASSIGNMENT

Descriptions are Due Oct 28, 2015. Please submit them to Jonathan Broadbent.

ASSIGNMENT: FULLY DESCRIBE TWO (2) SAMPLES FROM EACH SERIES

Refer to your mudstone lecture notes for terminology regarding bedding, lamination, stratification, fissility, bioturbation etc. If you can determine the % Total Clay, % Total Quartz and % Total Carbonate, you might wish to include a compositional classification, based on Lazar et al. (2015).

SERIES 1: Hand Specimens

- A
- B
- C PM-03-81A
- D SD06-SB4-2
- A9 (use magnification when doing your sketch)

SERIES 2: Thin Sections

- MTB93-054A
- MTB95-005
- MTB95-012A
- MTB95-135A
- MTB95-154A
- 13-29 458-27
- 3-33 A 458
- 3-33 B 458
- 6-34-18-16W4 30
- 14-33-18-16W4 24
- JAM2
- JAM3
- LP Basin
- Cambrian SK
- 11-35-38-10W4 851 1714.07-14
- 11-35-38-10W4 851 1721.87-91
- 11-35-38-10W4 851 1724.32-36

AS BEFORE, DO NOT MAKE THE MISTAKE OF ONLY LOOKING AT THE MINIMUM (2) SAMPLES NECESSARY FOR THE ASSIGNMENT!