

Name: _____

Virtual Field Trip Report: Grand Ledge, MI (70 pts total)

“Field” Notes: 20 pts

General notes:

- 1: Date, who with, weather.
- 1: Description of geographic location
- 2: Written description of outcrop
- 2: Hypothesis (should be distinct from other notes and questions)
- 2: Additional notes/ideas/questions (can be on sketch)

Sketch:

- 2: Major features of outcrop represented
- 2: Defined and labeled geological units: rocks types, etc.
- 1: Horizontal and vertical scales
- 1: Cardinal directions
- 2: Labels and annotations; and/or key/legend
- 2: Detail!
- 2: Neatness, inking

Stratigraphic Column: 20 pts

- 1: Vertical scale (1 sheet of paper), including total thickness of all units; metric
- 1: Left side straight, right side reflects grain size
- 2: Appropriate lithologies/facies represented with standard symbols or notes
- 2: Sedimentary structures represented
- 2: Nature of contacts
- 2: Weathering style of individual beds
- 2: Horizontal scale represents grain size
- 2: Key/legend
- 1: Mark any offsets
- 2: Interpretations (paleoenvironmental, sea level changes, climate, etc.)
- 1: Detail!
- 2: Neatness, inking

Final Reflection: 20 pts.

Content

- 5: Summary of what you learned overall
- 5: Reflections:
 - On our interpretation accuracy and class discussion of the depositional system (refers to your original hypothesis).
 - Discuss differences with published interpretations?
- 5: Concluding thoughts

English Comp

- 2: Clarity
- 2: Length (1-1.5 pages + double spaced)
- 1: Spelling

Participation and Presentation: 10 pts

- 5: Peer evaluation and presentations
- 5: Self-evaluation and attendance