

Observers Names: _____

Date _____ Period _____

Weathering and Erosion Observations

In this activity, you will work together to make observations of landscapes affected by erosion and weathering. Decide what types of weathering and erosion are seen in each picture, writing your evidence to support your answers. Then complete the analysis questions on the back.

Pict- ure #	Type of Weathering: <i>Physical or Chemical</i>	Evidence of Weathering: <i>What do you see? What has been broken down or changed?</i>	Agent(s) of Erosion: <i>Wind, Glaciers, Running Water, Waves, or Gravity</i>	Evidence of Erosion: <i>What materials have been changed and moved around? How do you know?</i>
1				
2				
3				
4				
5				
6				

Analysis Questions:

1. From the activity today, conclude in at least five sentences how we can use our observations to determine the agent of erosion and the type of weathering that may have occurred on a landscape.
2. Describe the cycle of weathering, erosion, and deposition on a landscape.
3. For each picture (1-6), list what type of sediments were deposited on each landscape.
4. What shaped valley does a glacier create? A river?
5. In a meander bend of running water, where does erosion occur most rapidly? Where does deposition occur most rapidly?
6. Describe what agent of erosion would be the most dangerous and why.