

Notes: Weathering, Erosion, etc.

name: _____

1. List the three “external processes.”

2. What is the difference between weathering and erosion?

Weathering _____

Erosion _____

3. How does mechanical weathering help increase the rate of chemical weathering?

4. Besides surface area, what two other factors determine how fast rock weathers?

5. What is produced as granite weathers?

6. What is “differential weathering”?

7. What is soil made of? (4 components)

8. What are 4 most important factors that control the formation of soil?

9. How is the rock material that makes up a “transported soil” different than the rock material that makes up “residual soil”?

The material in a residual soil came from the _____

10. What is “mass wasting”? a.k.a.



11. List the 4 types of mass wasting; a.k.a.

12. What are the controls and triggers of mass wasting?

13. Look at the diagram on page 154 (94 for honors). What is the name given to the area labeled A?

14. Which area on the diagram is covered by a “transported soil”? What transported it to this place?

15. What kind of soil would be found at D and C?

16. Why is the soil at D thinner than the soil at C?