

Name: Student 1

Date: _____

Earth Science Test

Part 1: Identify the Earth material in the picture and write a description of the material using 1 to 2 complete sentences.

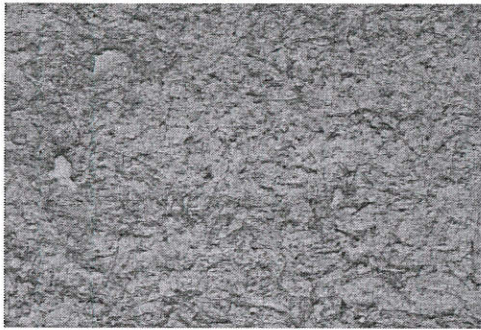
1.



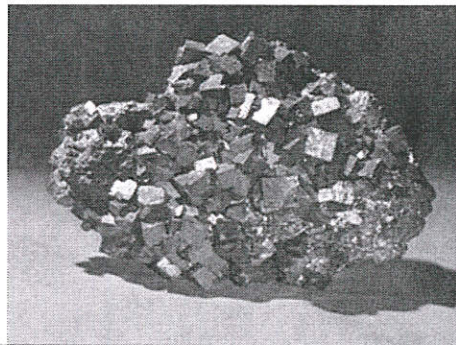
2.



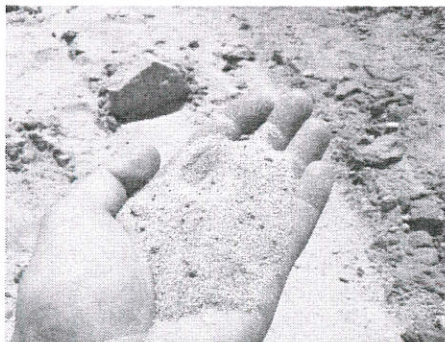
3.



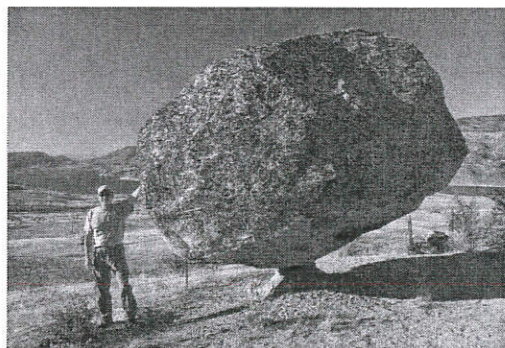
4.



5.



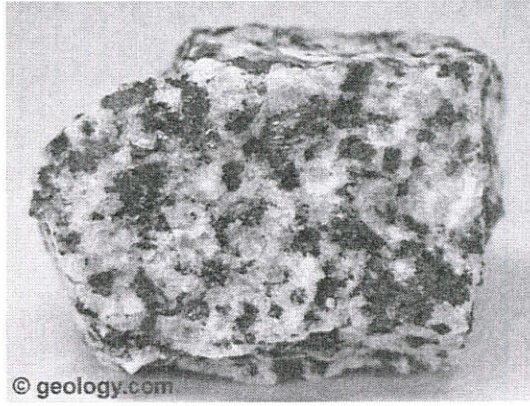
6.



7.



8.



1. a. Earth Material: gravel

b. My Description:

I see many rock fragments. The
particle size is larger than sand.

2. a. Earth Material: water

b. My Description:

I can see a liquid covering the
earth's surface.

3. a. Earth Material: clay

b. My Description:

I see a material with fine particles.
The particles are bigger than sand.

Can you
see individual
particles?
Clay particles
are smaller
than sand.

4. a. Earth Material: mineral

b. My Description:

I can see a material with a pattern.
There is only one material.

5. a. Earth Material: sand

b. My Description:

I can see a material with little pieces
of rock. The particles are smaller
than clay.

Check the pictures again. Can you see individual particles in 5? Sand particles are bigger than clay.

6. a. Earth Material: boulder

b. My Description:

I can see a really big rock. It is
bigger than 10 inches, because it is
bigger than a person!

7. a. Earth Material: soil.

b. My Description:

I can see particles of weathered
rocks and plants.

8. a. Earth Material: rock

b. My Description:

I can see a pattern in the material.
There are two or more minerals.

Part 2: Choose the best answer.

9. Glaciers are made of ice and form in the ocean.

a. True

b. False

10. Erosion changes the Earth's surface by

a. wearing away earth materials

b. breaking down rocks

c. moving sand or soil

d. all of the above

e. none of the above

11. Which is *not* one of the three causes of erosion?

a. wind

b. rain

c. fog

d. ice

Part 3: Use informational writing (using facts or examples) to answer question 12.

12. A paragraph (3-5 sentences) describing how a glacier changes the earth's surface.

Glaciers are big ice chunks that form on land. They move super slow and erode the rock below them when they move. They can carve out a mountain in the Earth when they move. They can make lakes too like the lakes in Michigan. Glaciers move rocks to a new place when they melt.

Unit Test- Part 3 Rubric

	2	1	0
Knowledge of Glaciers	<p>Correct knowledge of how glaciers change the earth's surface is shared.</p> <p>For example:</p> <ul style="list-style-type: none"> • Glaciers cause erosion by ice • Glaciers pick up and move sediment • Glaciers carve mountains and valleys in land • Glaciers can create lakes. 	<p>Partial knowledge of how glaciers change the earth's surface is shared.</p> <p>Only one piece of knowledge is shared.</p>	<p>Incorrect or no knowledge of how glaciers change the earth's surface is shared.</p>
Facts/Examples	<p>At least 3 facts or examples are used to support the writing.</p>	<p>Only 1 or 2 facts or examples are used to support the writing.</p>	<p>No facts or examples are used to support the writing.</p>
Writing	<p>Writing is in proper paragraph format with 3-5 complete sentences.</p>	<p>Writing not in proper paragraph format. Less than 3 complete sentences are used</p>	<p>Writing not in proper paragraph format. Complete sentences are not used.</p>

Total (out of 6 pts.): 10

Excellent writing! Love your facts and great descriptions!