

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Movie Sheets

The Physical Setting: Earth Science

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## Movie Sheet: New York

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**Directions:** As you watch How the Earth Was Made: New York, answer the following questions.

1. What is the word the geologist used to describe the Manhattan Schist?
2. How old was the Manhattan Schist dated to be?
3. What does the elongation and colors of the mineral samples of the Manhattan Schist suggest?
4. What could have provided the weight and pressure to cause these features to occur?
5. Explain how the bedrock is responsible for the shape of NYC skyline?
6. What is the evidence of the mass extinction?
7. What type of rock is a Basalt and how does it form?
8. What moved the large boulders to Central Park and gouged out the rocks?
9. What was the shape of the Hudson River Valley after glaciers change it from the V-Shaped valley?
10. What was the evidence that a major flash flood occurred?
11. Describe the features of Lake Iroquois?
12. What is the entrance of NYC harbor called that was carved out by the flash flood?
13. What are some major threats to NYC?
14. Why is Long Island a dangerous liability?
15. What is another threat to NYC?