

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

## Bailey Basin

Bailey Basin was formed by an ancient landslide. The scar caused by the landslide is visible at E10. This particular landslide is termed a slump because the slippage occurred along a spoon-shaped surface, part of which can be seen in the image. The steep scar left by the landslide is approximately 120 meters (400 feet) tall. As the block of land slid downhill it also rotated along this curved surface, accumulating in an area of mounds and pits at the base of the landslide.

Bailey Basin is located in the Colville Indian Reservation in northeastern Washington. The Columbia River forms the southwestern boundary of the reservation and is visible in this image.

1. Compare this image to the Gros Ventre Slide. Why is the scar less easy to identify in the Bailey Basin? \_\_\_\_\_  
\_\_\_\_\_
2. How does the shape of Bailey Basin compare to the scar caused by the Gros Ventre slide? \_\_\_\_\_  
\_\_\_\_\_
3. What evidence is there that suggests that a lot of time has passed since the landslide occurred? \_\_\_\_\_  
\_\_\_\_\_
4. In which direction does the river flow? How can you tell? \_\_\_\_\_  
\_\_\_\_\_
5. In what way might the Columbia River have helped to cause the landslide? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(Continued...)

6. Why is the edge of the landslide scar at F10 such a light color? \_\_\_\_\_

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7. Why does the road at Q30 twist and turn so much? \_\_\_\_\_

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