

3. **Remove Overburden & Extract Mineral:** In mining, the overburden is waste earth & rock covering a valuable mineral deposit. Using your knife is a representation of the tools of mining, remove the overburden & extract your mineral ore. Draw a scale diagram of exactly where you found your ore, and then evaluate the accuracy of the hypothesis you made using core samples. (1 sentence)

 4. **Replace Overburden & Study Effects on Mine Area:** Does the area mined look the same once the mineral is extracted? Take height and diameter measurements in centimeters, & draw a revised diagram of your cupcake. What was the percentage decrease in height of your mined area. (1 sentence)

 5. **Conclusion:** In your own words, explain the procedure of this lab as well as how it relates to strip mining and/or mountain top mining. Also, list at least 3 harmful effects of strip mining on the environment.
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