

**#38: Mining in the Butte Area**

**name:**

**Go to <http://formontana.net> and then click on picture # 7.**

1. What was the purpose of “honey cars”, and why did they need to have wheel on them?
2. List three hazards/risks that the men who worked Butte’s underground mines might have been exposed to.
3. Why were the big chunks of rock called “Dugans”?
4. What percentage of the world’s copper came from Butte during the peak years?
5. Which invention helped to create the huge demand for copper that helped Butte prosper during the early 1900’s?
6. Since Butte was Montana’s most populous city when Montana came out with its license plate numbering system in the early 1900s, Butte was assigned #1. Use your Montana Highway Map to find out what our #1 and #2 most populated cities are today. List them here.
7. Describe the disaster that has come to be known as the Granite Mountain Fire.

**Go back to <http://formontana.net> and then click on picture # 31.**

8. Before 1955 the mining in Butte was all done underground (there was not pit). How did they keep the mineshafts and tunnels from being flooded by groundwater?
9. When was the Berkeley Pit started and when did the mining of the pit stop?
10. Why has it been filling with water since the mining stopped?

11. Why is the water in the pit so acidic?

12. What is dissolved in the acidic water of the pit?

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13. These two photos show an area in Anaconda that is home to one of the most famous golf courses in the state. Find Anaconda on your Montana highway Map. How far is it from Butte?

14. What was the purpose of the smelter that used to be located here?

15. What were the two waste products generated by the smelting process?

16. Explain how the polluted water, called “acid mine drainage,” forms?

17. A “cap” was included to prevent acid mine drainage from continuing here. Describe this cap.

18. What is the antacid that was used and what was its purpose?

19. Which of these was once molten? . . . the tailings, or the slag?