



Name \_\_\_\_\_

Class Period \_\_\_\_\_

Date \_\_\_\_\_

**Beyond the Sources** • *Mining*

Using the information you gather on the web site, answer the following questions about the unit.

1. Over the years, various kinds of technology improved mining. What kinds of technologies improved the digging process?

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What technology made transporting ore possible?

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What kinds of processes have changed very little?

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2. The mines of the Mesabi Range allowed dozens of towns like Hibbing to grow. How does having a mine nearby benefit a town like Hibbing?

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What problems might arise when a town's survival depends on a mine?

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What are some of the negative impacts mining has on the land?

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**Beyond the Sources • Mining**

3. Though you've seen only a very small part of the complicated mining process, you should have an idea of how mining was done. What steps are taken to get iron ore out of the ground?

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Once the ore has been removed from the ground, what is the best method for transporting ore over the land and why?

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Once the ore had been carried away from the mines, where was it taken?

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4. Two methods of mining were used at Hibbing: open-pit mining, and underground mining. What are some of the similarities between these two methods?

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If you suddenly had a need for more ore, which method would you use and how would you change it to make it faster?

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What are some of the dangers in underground mining that open-pit miners wouldn't have to fear as much?

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