**Geology Revision Year 8:**

# Explain colour of streak, hardness, lustre.

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* 1. Define an ore.

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* 1. State an example in a sentence.

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3. Explain the difference between and element and a compound.

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1. Explain the use of these terms: open cut mining; underground mining

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1. Describe a situation when open-cut mining is the most appropriate method of extracting ore?

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1. State three things an Environmental Impact Assessment considers.

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1. Define a mineral

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1. Describe how igneous rocks form

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1. What is the difference between extrusive and intrusive

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1. How does this affect crystal size?

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1. Give examples of both an extrusive and an intrusive rock

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1. What four processes must be followed to extract resources from the earth?

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1. List the advantages of an open cut mine over an underground mine

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1. What steps are often taken to rehabilitate an abandoned minesite?

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1. Describe two environmental risks for exploration?

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1. List three problems for water running off minesites

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1. Describe the difference between weathering and erosion and give examples of both

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