PUPIL NAME:……………………………………………………………………………………………………

Name the following fossils pictured below

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| --- | --- | --- | --- |
| http://www.fossilmuseum.net/Fossil-Pictures/Ammonites/Ammonite-5/Ammonite-5-1024.jpg | …………………………. |  | ……………………….. |
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What can these fossils tell us about the rock that they are found within?

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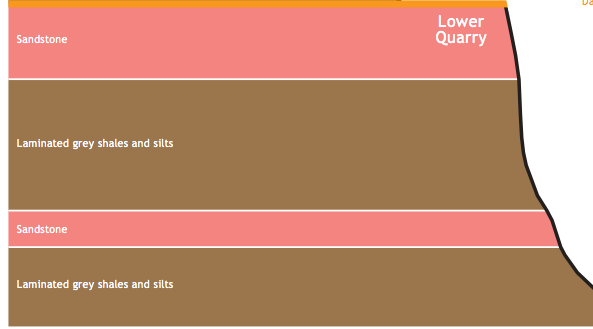
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The large quarry is known as a SSI. What does this mean? What are you unable to do here?

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This picture shows the alternating layers of rock in the lower quarry. Have a close look at the different layers at the site.

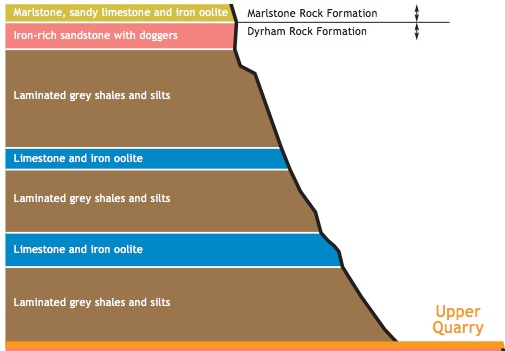
What differences can you see between the different layers of rock?

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This is a diagram of the Upper Quarry.

**What is the youngest rock:** Grey shales, marlstone or Iron rich sandstone?

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**What is the Oldest Formation:**

Marlstone or Dyrham?

…………………………………………..

These rocks are from the Jurassic period? Approximately, how old are these rocks?

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Around the base of the cliffs, you may see many loose rocks and scree as in the below picture:



What do you think causes the rocks to become loose and to fall down?

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