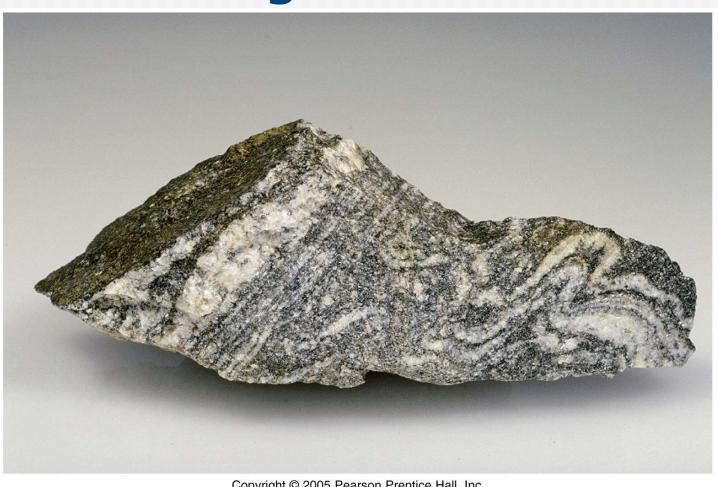
Chapter 8 Metamorphic Rocks "Changed in Form"



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Agents of Formation

- Heat
- Pressure
- Hot Fluids



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Metamorphic Processes

- Mechanical Deformation
- Recrystallization
- Recombination

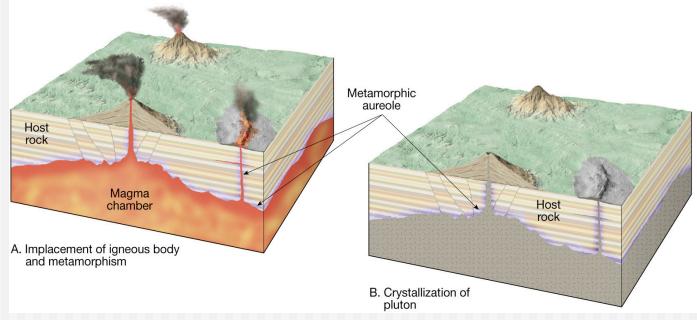


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Types of Metamorphism

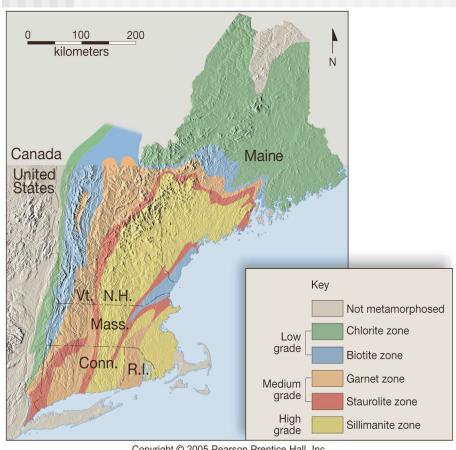
Contact



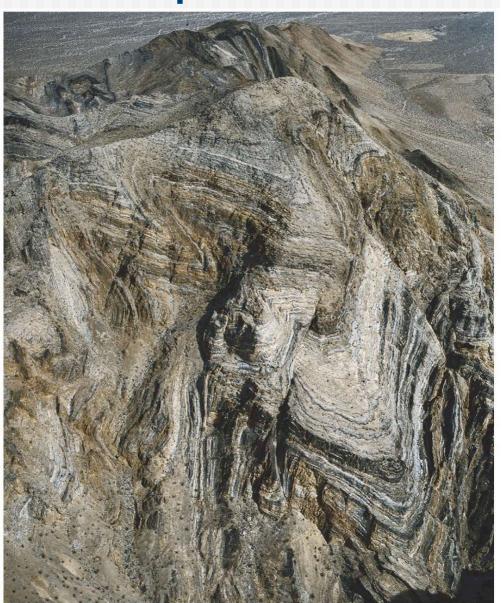


Types of Metamorphism

Regional



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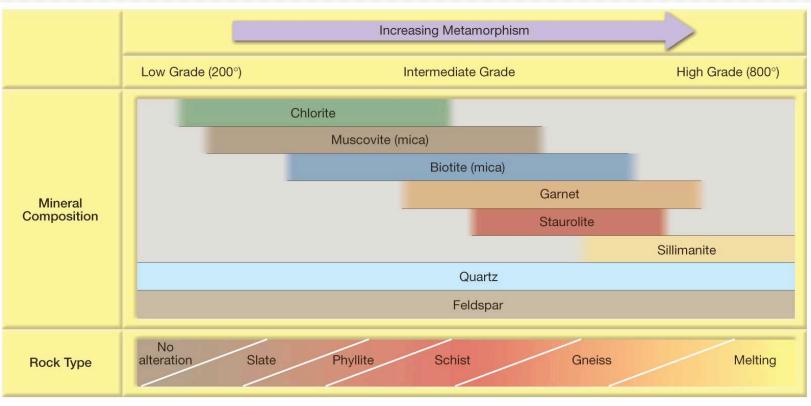


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Index Minerals Close up



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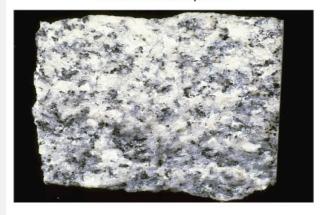
Classification

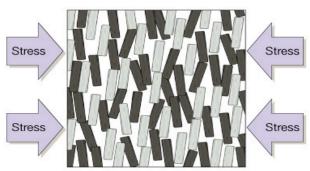
Foliated

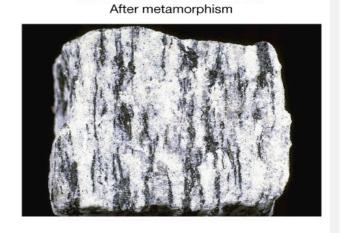










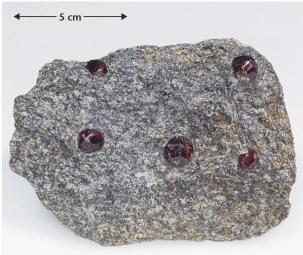


Foliated

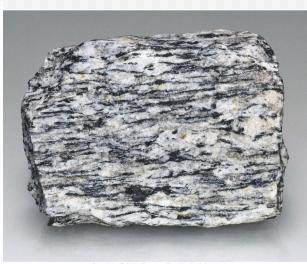
Low......High



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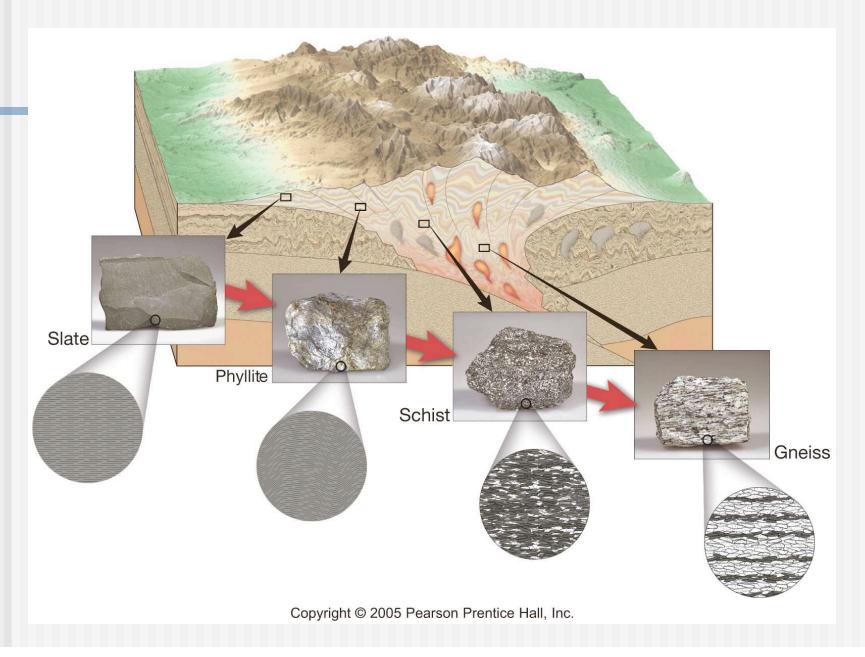
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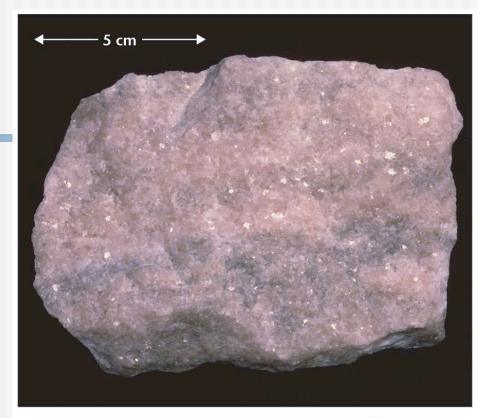
Slate Schist Gneiss

Occurrence of Foliated Rocks



Classification

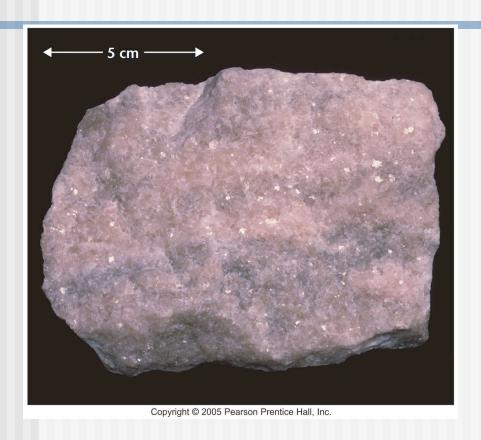
NonFoliated

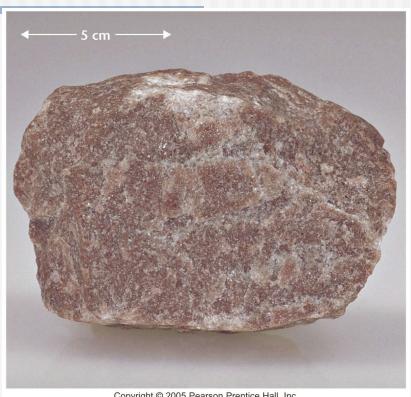


Photomicrograph (6.5x)

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NonFoliated





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Marble

Quartzite

Importance



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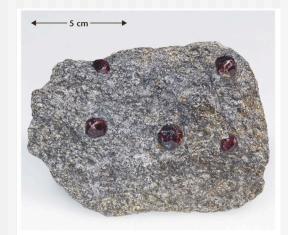


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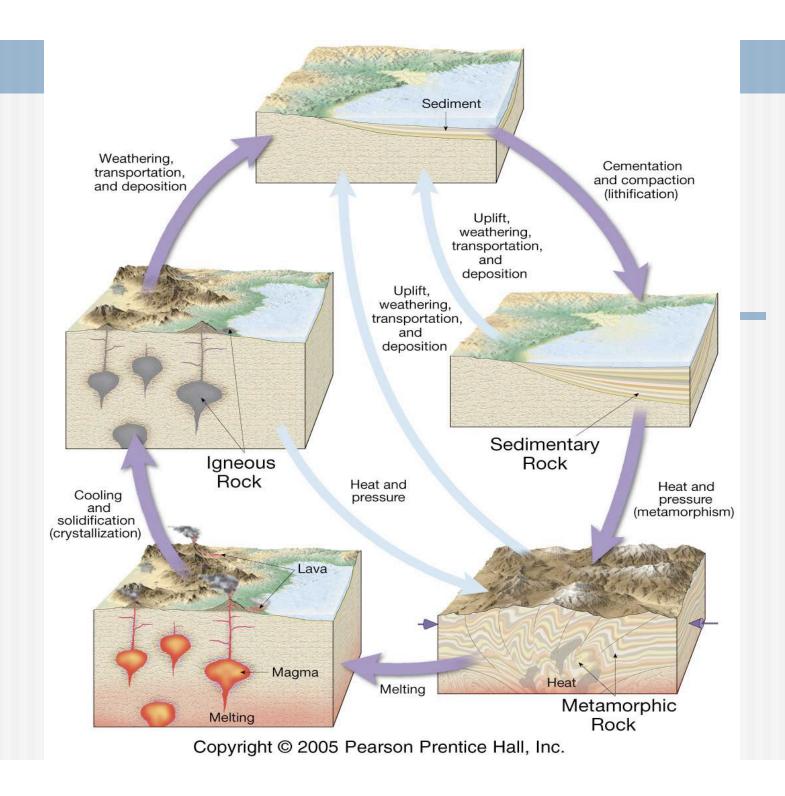
- Earth Forces
- Rare Minerals
- Industry Uses



Close up



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Exam 1

- 50 questions (primarily from notes)
- 2 pts each (5 choices)
- Know the vocabulary
- Bring blue bubble sheets
- http://personal.tcu.edu/~morgan/ geolec