An Introduction To Geological Maps Dr Liam Herringshaw: lgh865@hotmail.com

Week 7

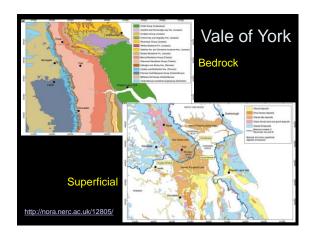
Recap from last week
Igneous Rocks
Bedrock vs Superficial mapping

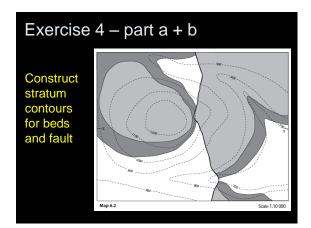
Exercise 4
Metamorphic rocks

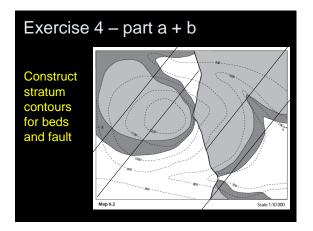
Igneous rocks

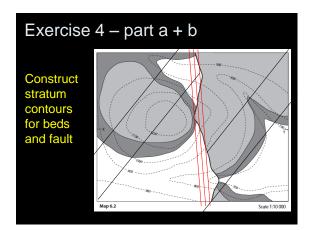
Various links added to Fossilhub

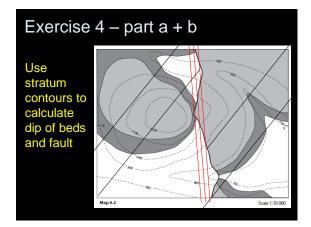


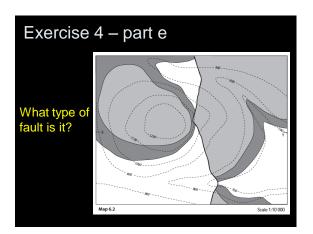


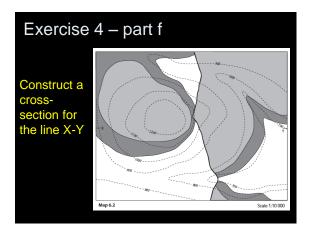


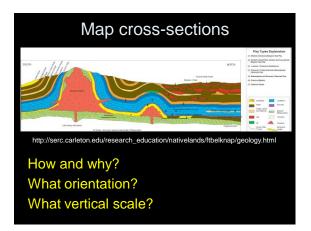




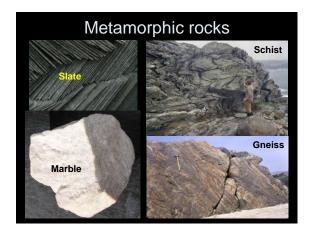


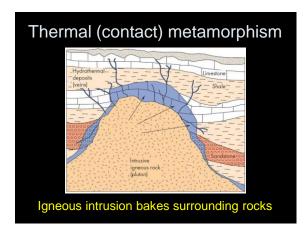


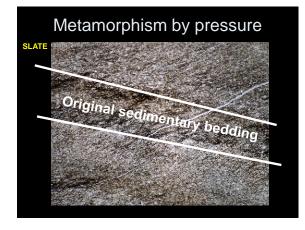




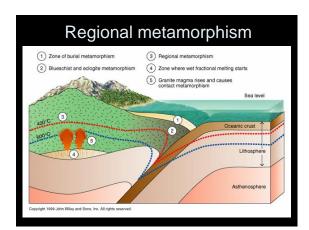


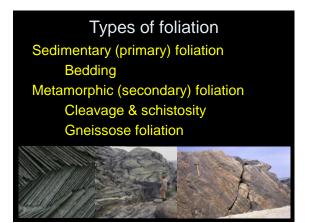




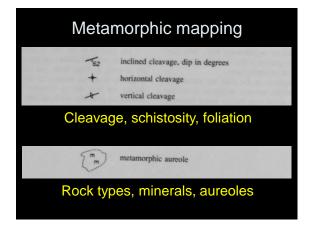


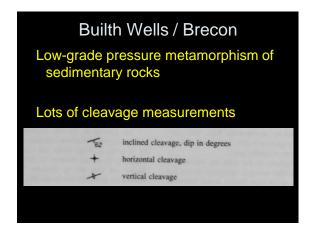


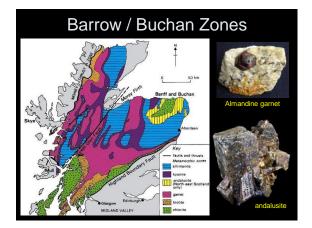












Tay-Forth

Metamorphic facies – mineral assemblages formed under similar temperature/pressure
Garnet, biotite, staurolite, kyanite,

sillimanite

Isograd – zone of equal metamorphic grade

Assynt
Gneissose foliation
Schistose foliation
Foliation related to shearing/faulting
Thermal aureole



Resources (www.fossilhub.org) Cleavage vergence (Leeds): http://www.see.leeds.ac.uk/structure/folds/describling/cleavage/cleaverge.htm Title: Link Link Link