**Relative Dating Drawing**

For this assignment you will be drawing a section of rock layers that shows the principals of relative dating. Your drawing should include/demonstrate the following:

* Law of Superposition – younger rock layers at the top of the picture.
* Principle of Original Horizontality – you should have at least 3 layers in your rock bed that have been moved from their original horizontal position.
* Principle of Cross Cutting Relationships – your rock bed should have a fault or dike running through at least 3 of your layers.
* An inclusion.
* An unconformity due to erosion by wind or water.
* An index fossil in at least two of the layers.

Your drawing should also:

* be in color.
* have each layer/feature labeled with a letter (A, B, C, etc….)
* have each of the required principles labeled with the name of the principle being represented.
* have a key at the bottom that, using the letters, puts the layers/features in order from oldest to youngest.