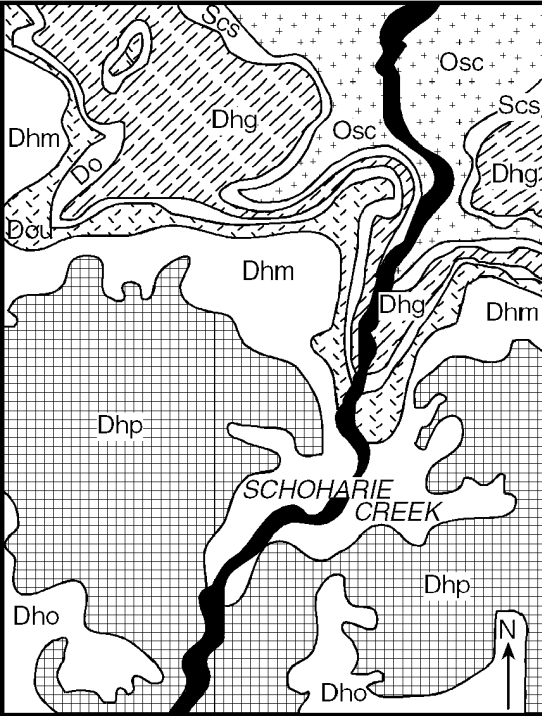
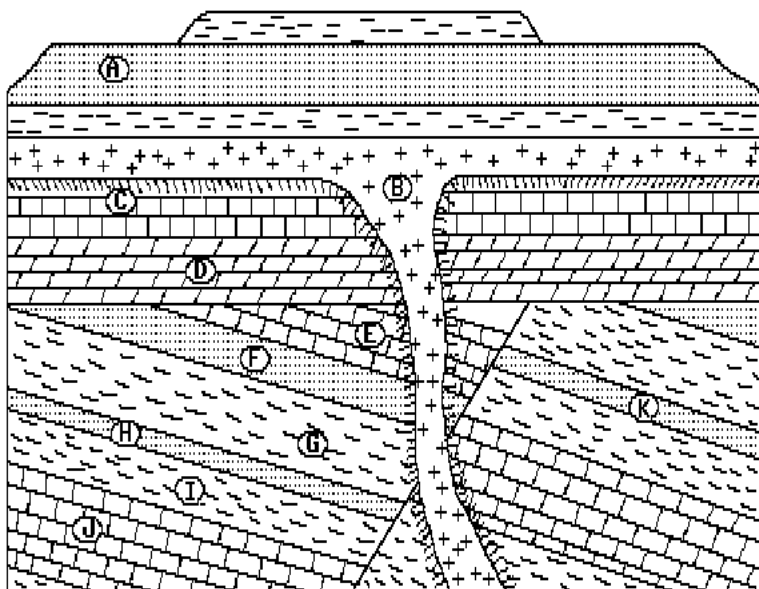




Age of the Rock	Symbol	Composition of the Rock
Middle Devonian	Dho	Shale, sandstone
	Dhp	Shale, siltstone, sandstone
	Dhm	Shale, sandstone limestone
Early Devonian	Dou	Limestone, shale, siltstone
	Do	Sandstone, limestone
	Dhg	Limestone, dolostone
Late Silurian	Scs	Limestone, shale, dolostone
Middle-Late Ordovician	Osc	Sandstone, siltstone, shale



KEY



Sandstone



Shale



Limestone

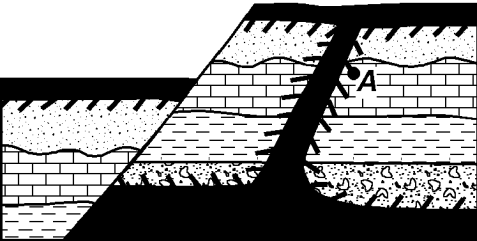


Dolostone



Basalt

↗ ↖ Contact Metamorphism



KEY:



Shale



Sandstone



Limestone



Conglomerate



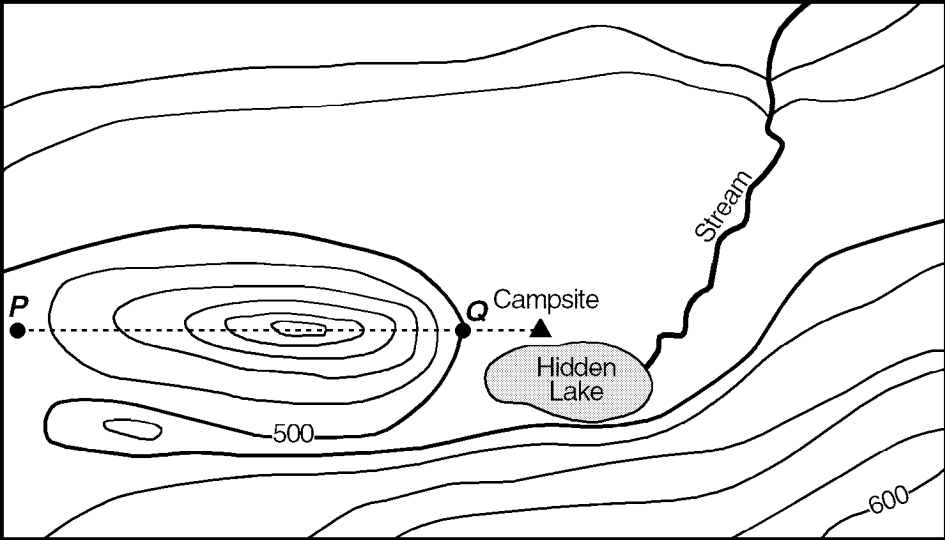
Contact
metamorphism



Basalt

Sedimentary
rocks

Igneous
rock



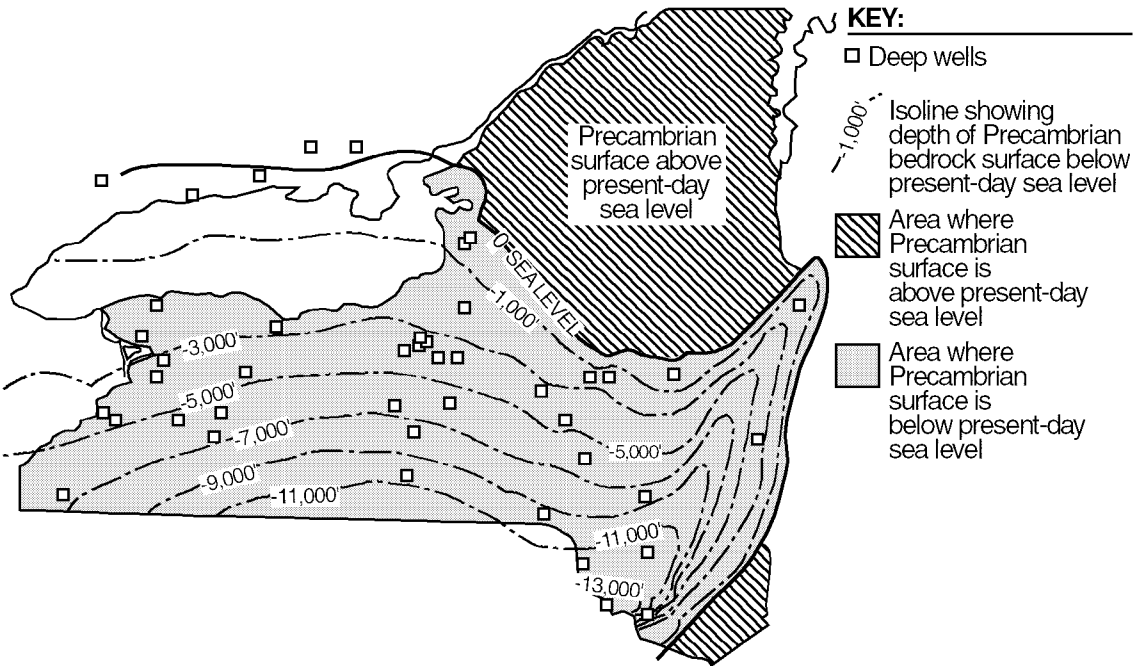
KEY:

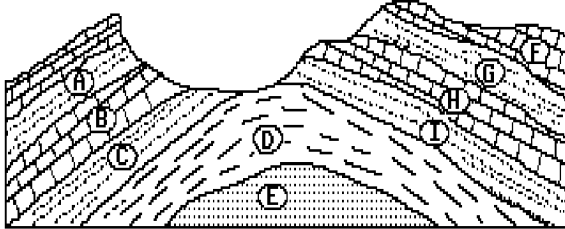
- ▲ Campsite
- Bike trail

0 1 2 3 miles

Contour interval: 20 feet







KEY



Sandstone



Limestone



Siltstone



Shale

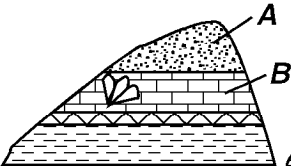
KEY:



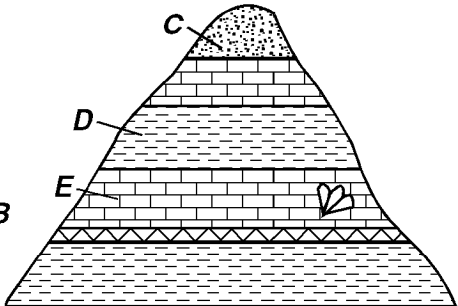
Volcanic Ash



Index Fossil



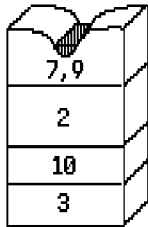
Outcrop I



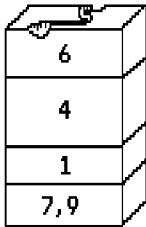
Outcrop II

igneous
intrusion

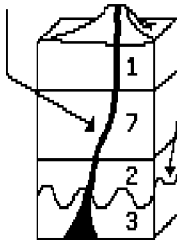
unconformities



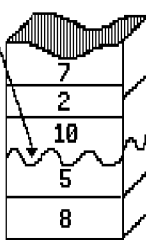
LOCATION
A



LOCATION
B

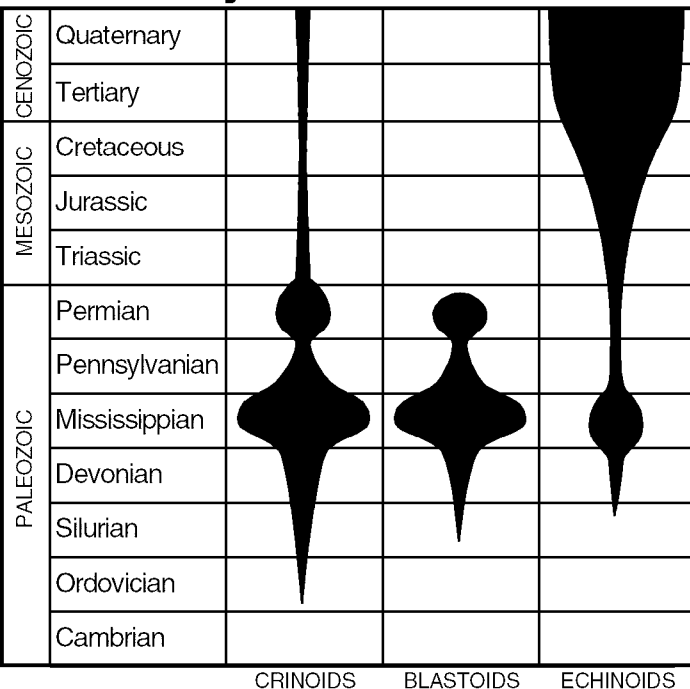


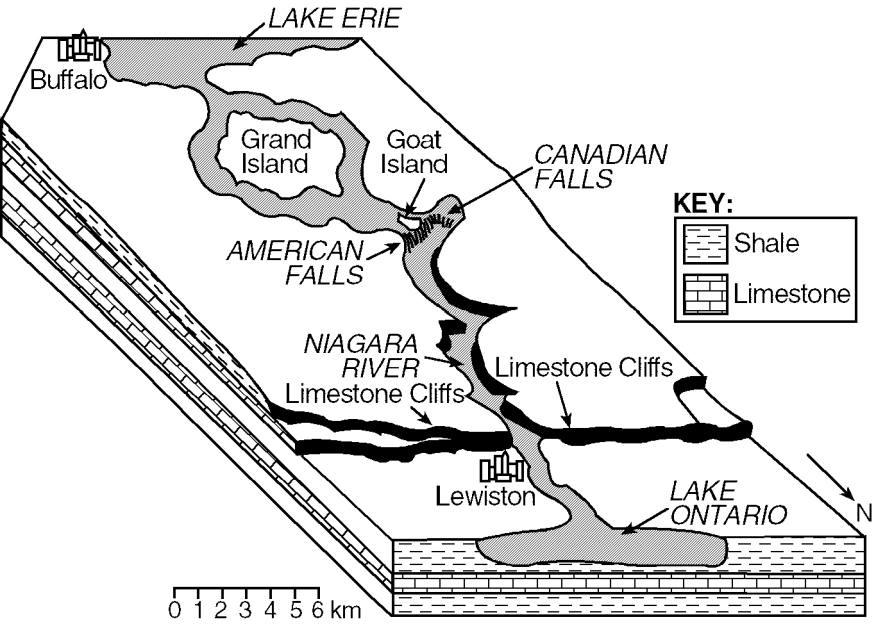
LOCATION
C

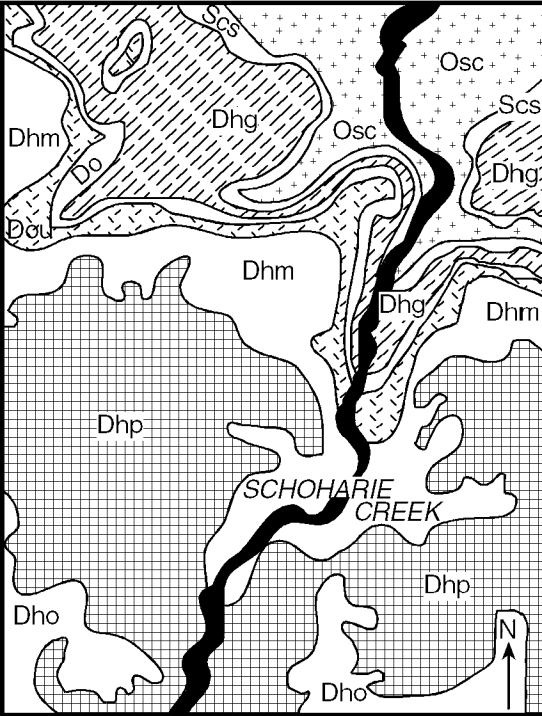


LOCATION
D

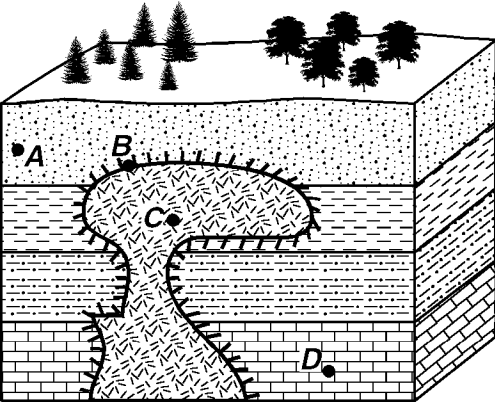
Phylum Echinodermata







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Late Silurian	Scs	Limestone, shale, dolostone
Middle-Late Ordovician	Osc	Sandstone, siltstone, shale



KEY:



Limestone



Siltstone



Sandstone



Shale

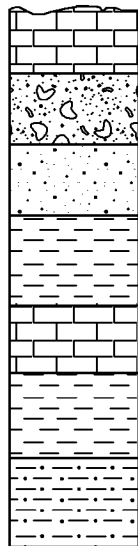


Contact
metamorphism



Igneous intrusion
(gabbro)

Location X



Gray limestone

Conglomerate

Red sandstone

Black shale
(containing trilobite
fossils)

Tan limestone
(containing
ammonoid fossils)

Green shale
(containing trilobite
and coral fossils)

Gray siltstone
(containing trilobite
and brachiopod
fossils)

Location Y



Unconsolidated
glacial deposits (till)

Brown siltstone
(containing mammal
skeletal fossils)

Gray limestone

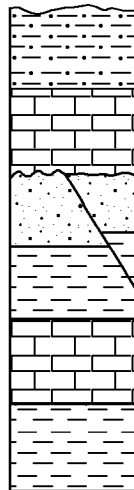
Conglomerate

Red sandstone
(containing dinosaur
footprints)

Black shale
(containing trilobite
fossils)

Tan limestone
(containing
ammonoid fossils)

Location Z



Brown siltstone
(containing mammal
skeletal fossils)

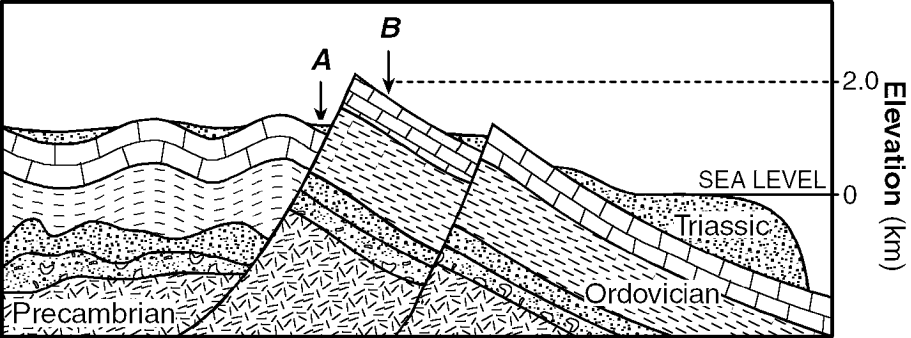
Gray limestone

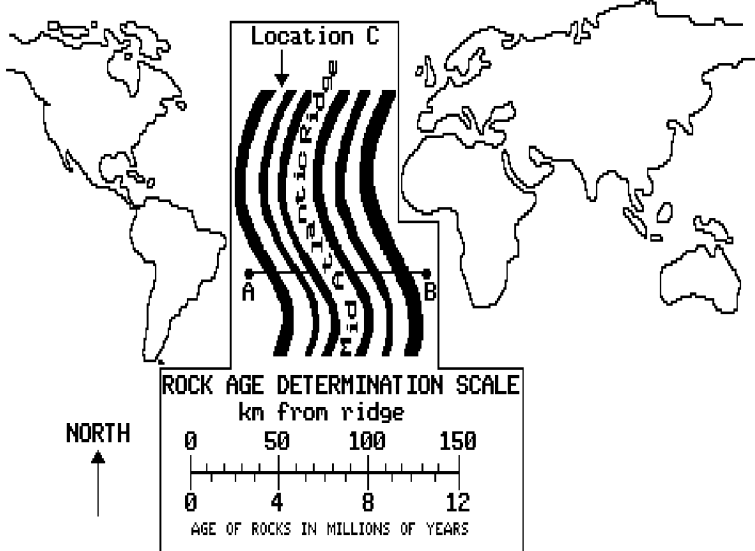
Red sandstone

Black shale
(containing trilobite
fossils)

Tan limestone
(containing
ammonoid fossils)

Green shale
(containing trilobite
and brachiopod
fossils)



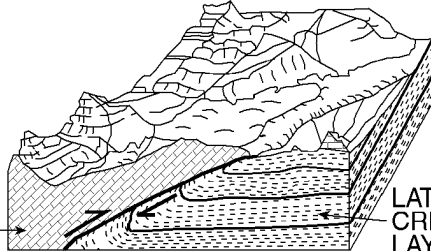


Polarity (INDICATED FOR ONLY A PORTION OF THE ATLANTIC OCEAN BASIN)

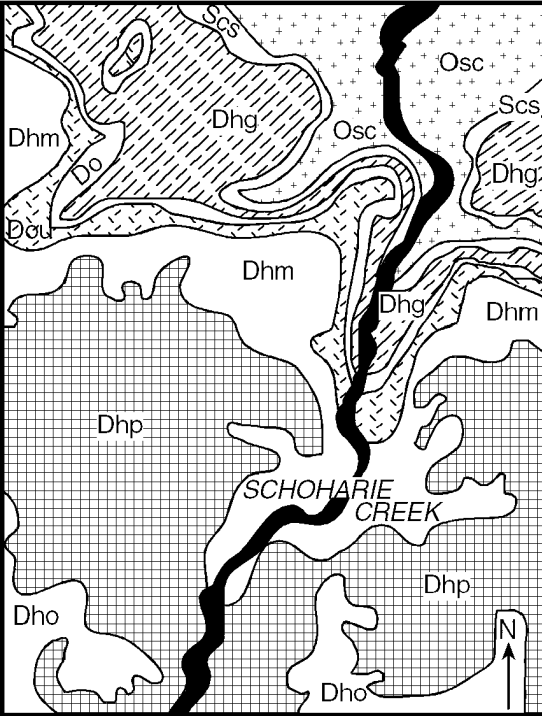
☐ **Normal**— THE MAGNETIC MINERALS IN THESE ROCKS INDICATE MAGNETIC NORTH AS IT IS TODAY.

☒ **Reverse**— THE MAGNETIC MINERALS IN THESE ROCKS INDICATE MAGNETIC NORTH WHERE MAGNETIC SOUTH IS TODAY.

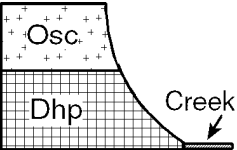
PRECAMBRIAN
LAYERS

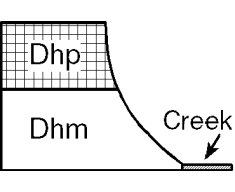


LATE
CRETACEOUS
LAYERS



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Middle Devonian	Dho	Shale, sandstone
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	Dhm	Shale, sandstone limestone
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	Do	Sandstone, limestone
	Dhg	Limestone, dolostone
Late Silurian	Scs	Limestone, shale, dolostone
Middle-Late Ordovician	Osc	Sandstone, siltstone, shale

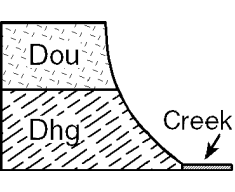




Dhp

Dhm

Creek



Dou

Dhg

Creek

The diagram is a geological cross-section. It features a thick, stippled layer at the top labeled 'Dou'. Below this is a larger, unshaded area labeled 'Dhm'. A curved line separates the two layers, dipping from left to right. At the right end of this line, there is a small, horizontally-oriented, hatched area. An arrow points from the label 'Creek' to this hatched area.

Dou

Dhm

Creek

An arrow points from the text 'Creek' to a small, horizontally-oriented, hatched area at the right end of a curved line that separates the 'Dou' and 'Dhm' layers.



Mesosaurus



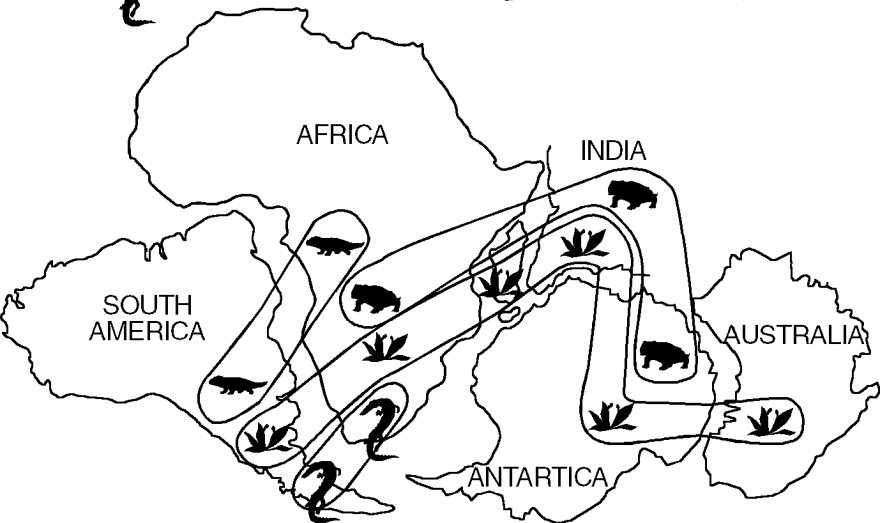
Cynognathus

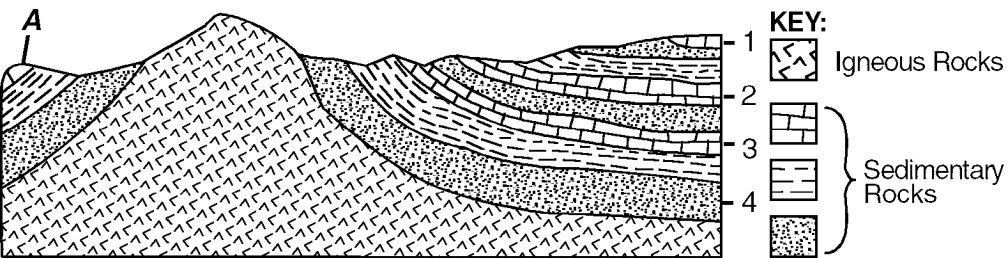


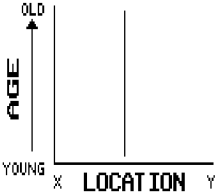
Glossopteris

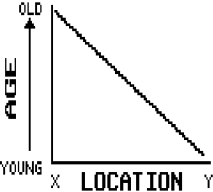


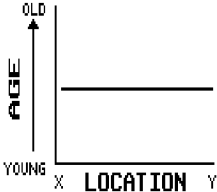
Lystrosaurus

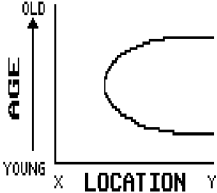












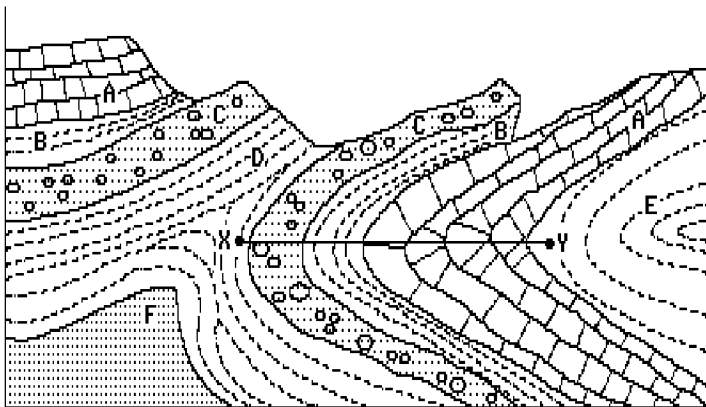
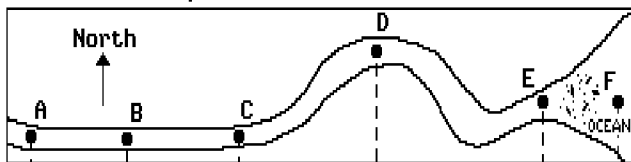


DIAGRAM I : Top View



KEY:

-  Sand, Silt
-  Shale
-  Limestone
-  Sandstone

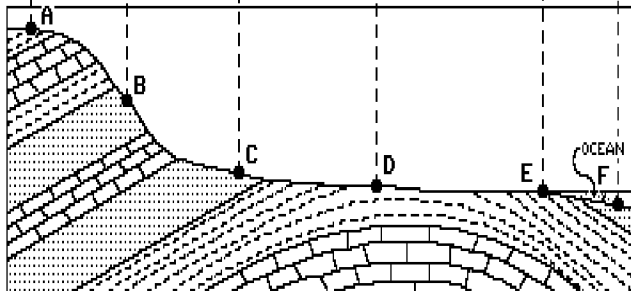


DIAGRAM II : Cross-Sectional View (NOT TO SCALE)