

Name: _____

Geology Fieldtrip Worksheet

Sedimentary Rocks:

Complete the time sequences by writing the letters in order with the oldest to the left, and the youngest to the right.

- 1.) _____
- 2.) _____
- 3.) _____

What two forces are used to make Sedimentary Rocks:

_____ and _____

Word Bank:

Cementing

Compacting

Heat

Pressure

Metamorphic Rocks:

What two forces are used to make Metamorphic Rocks: _____ and _____.

Before: How many rocks: _____

After: How many rocks: _____

Igneous Rocks:

What is viscosity: _____

Cinder Volcano



High Viscosity
(Pudding)

Composite Volcano



Medium Viscosity
(Syrup)

Shield Volcano



Low Viscosity
(Water)

Cross Section at Wesley Creek & Quarry

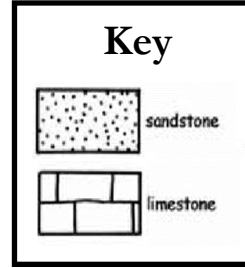
Sandstone vs Limestone

Sandstone	_____

Limestone	_____

Word Bank:

Hard Soft Fossils
 Formed in beach-like environment Formed in shallow sea (coral reef)



Site One: Quarry

Type of rock exposed: _____

MYA: _____

How was this exposed: _____

Describe the environment in which the rock was formed:

Site Two: Wesley Creek

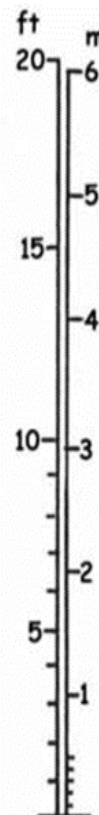
Type of rock exposed: _____

MYA: _____

How was this exposed: _____

Describe the environment in which the rock was formed:

Pella
 Formation
 320-330 MYA



St Louis
 Formation
 330-340 MYA

