**Sedimentary Environments**

**Introduction Question**

**Take a look at these three environments. Make some observations about them, particularly thinking about general characteristics, similarities and differences, what sediment you can see, and how that sediment is moved.**

**Activity Questions**

**Based on your knowledge of sedimentary rocks and depositional environments, make some observations about these rock samples and then interpret where these rocks probably formed.**

1. Rock A:

Grain size:

Sorting:

Sedimentary structures:

What kind of rock is this?

Based on your observations, where do you think this rock formed? How do you know? What other information would help you determine the depositional environment?

What sort of fossils might you expect to find here?

1. Rock B:

Grain size:

Sorting:

Sedimentary structures:

What kind of rock is this?

Based on your observations, where do you think this rock formed? How do you know? What other information would help you determine the depositional environment?

What sort of fossils might you expect to find here?

1. Rock C:

Grain size:

Sorting:

Sedimentary structures:

What kind of rock is this?

Based on your observations, where do you think this rock formed? How do you know? What other information would help you determine the depositional environment?

What sort of fossils might you expect to find here?