

## **Sedimentary Structures & Environments (green tray)**

Answer the following questions by observing the eight sedimentary rock samples on the green tray.

1. Are there any sedimentary structures present in this sample? If so, name it/them.

Was this sample deposited in an oxygen-rich (oxic) or oxygen-poor (anoxic) environment?

Name this sedimentary rock.

2. Are there any sedimentary structures present in this sample? If so, name it/them.

In what sedimentary environment was this sample likely deposited?

Name this sedimentary rock.

3. Are there any sedimentary structures present in this sample? If so, name it/them.

In what sedimentary environment was this sample likely deposited?

Name this sedimentary rock.

4. Are there any sedimentary structures present in this sample? If so, name it/them. (Look closely at both the smooth, cut surface and the uncut surface with a hand lens.)

Was this sample deposited in an oxygen-rich (oxic) or oxygen-poor (anoxic) environment?

In what sedimentary environment was this sample likely deposited?

Name this sedimentary rock.

5. Are there any sedimentary structures present in this sample? If so, name it/them.

In what sedimentary environment was this sample likely deposited?

Name this sedimentary rock.

6. Are there any sedimentary structures present in this sample? If so, name it/them.

In what sedimentary environment was this sample likely deposited?

Name this sedimentary rock.

7. Are there any sedimentary structures present in this sample? If so, name it/them.

In what sedimentary environment was this sample likely deposited?

Name this sedimentary rock.

8. Are there any sedimentary structures present in this sample? If so, name it/them.

In what sedimentary environment was this sample likely deposited?

Name this sedimentary rock.