**Data and Observation Sheet**

**Directly after adding your first layer, answer the questions below.**

What do the water and sediment look like?

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Why do you think you need to wait at least a day to add the next layer of sediment to your core?

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|  |

**CORE SECTION (Use the letter from your Scaled Sediment Layer Sheet): \_\_\_\_**

|  |  |  |  |
| --- | --- | --- | --- |
| **Layer** | **Height of Sediment Layer (cm)**  | **Total Sediment Height (cm)** | **Observations of Sediment Layer**(What color are the sediments? What do they consist of? What size are the particles? Too small to see, or can you see individual pieces?) |
| Layer 1 |  |  |  |
| Layer 2 |  |  |  |
| Layer 3 |  |  |  |
| Layer 4 |  |  |  |
| Layer 5 |  |  |  |

**Combine data from the four simulated core sections.**

*Insert data from “Height of Sediment Layer (cm)” columns for each section.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Section A** | **Section B** | **Section C** | **Section D** |
| **Layer 1** |  |  |  |  |
| **Layer 2** |  |  |  |  |
| **Layer 3** |  |  |  |  |
| **Layer 4** |  |  |  |  |
| **Layer 5** |  |  |  |  |

**Arrange your simulated core sections from oldest to youngest.**

*Using the data for all four core sections and the graph of sediment thickness below, try to arrange your four models in order, from oldest layer to youngest layer.*



|  |  |  |
| --- | --- | --- |
|  | **CORE SECTIONS** |  |
| **OLDEST** |  |  |  |  | **YOUNGEST** |