

Name _____

Date _____

ISU STEMx Soil Erosion Worksheet

Match the term with the definition:

- | | |
|-----------------------------|--|
| _____ Fine Aggregates | A. Temporary sediment control device used on construction sites to protect water quality from sediment runoff. |
| _____ Soil Erosion | B. Soil sedimentation cylinder used for analysis. |
| _____ Sedimentation Control | C. Displacement of soil; a form of soil degradation. |
| _____ Topographic Map | D. Sand, clay, and slit particles or granular material. |
| _____ Clay Layer | E. Practice or device designed to keep eroded soil on a construction site, so that it does not wash off and cause water pollution. |
| _____ Silt Fence | F. Fine soil particles suspended in water. |
| _____ Granulated Cylinder | G. Diagrammatic representation of an area of land or sea using contour lines that connecting points of equal elevation. |

Discussion:

What are your observations after doing the sedimentation experiment?

After watching the “Mars Soil Sample Delivery” video, what do you think that sedimentation cylinder might look like?

What did you think of the “NASA Incredible New Map of the Moon” video? How do you think this map will be helpful for a return trip to the Moon?