# Lab 04 (Due Thursday, February 12th, 2015)

**Lab 04: Development of a Soil Map**

Develop an instructional manual for developing a soil map underlain by a satellite image. Instructions should be provided for

* Extracting and georeferencing the satellite image,
* Downloading the soil map from the Web Soil Survey,
* Adding the soil names to the soil map attribute table,
* Differentiating the soil polygons based on map unit symbols,
* Calculating the area of each soil polygon in acres,
* Labeling the soil polygons with the soil name and polygon area,
* Preparing and presenting a final map
* Any other information you deem relevant

You may use the field for which information is provided below, or for any other field, to provide examples

**Coordinates for field markers**

|  |  |  |
| --- | --- | --- |
| **Point** | **Latitude** | **Longitude** |
| Local Origin | 40.083703 | -88.223664 |
| Top left marker | 40.087326 | -88.223720 |
| Bottom left marker | 40.083655 | -88.223720 |
| Middle right marker | 40.086177 | -88.219236 |