**Soil Value Instructions**

Revised September 2020

The version of ArcGIS must be an Editor to Process Soil Values

Start ArcGIS

From the ArcGIS Getting Started Box, select Soil\_Project

Open the ArcToolbox, under PVA\_Tools, Select Union Soils & Parcels or Ag Union

Click OK in the Union Window, Parcels & Soils are already selected

After process is complete, click ok

Click on the Soils layer in the Table of Contents. This will create a blue box around the word SOILS

Click on the Soils Classification button,  normally on the Standard tool bar on the left side.

The frmCalcSoilData box will open with values in each field.

Each class should be field in by values each PVA office uses.

Class 0 is water, Class 0 is the same value as Class 5

Four soil Classes can be used in the application by entering the same value in classes 1 & 2, same in classes 3 & 4, same in classes 5 & 6, same in classes 7&8.

After the correct values are entered for each value, click the Calculate Soils Button

This process will take a few to several minutes depending on parcel count.

The Calculating Soil Values box may state “Not Responding.” Its working.

When the soil process is complete, a new box will appear named Save Soil Assessment.

Save the file K:\CountyPVA\MDB\Soil\_Val.dbf

ArcGIS will ask to replace the file if it exists, click yes.

Close ArcGIS and do NOT save project.

Start ArcGIS

From the ArcGIS Getting Started Box select CountyPVA\_Edit or CountyPVA\_View.

Click the Identify button and click a farm parcel.

In the Identify box, click the plus sign to the left of the Parcel\_ID.

This will display data from the tax roll: Assessments, Buildings, Land, Owner, Sales, Pictures, Sketches, & new Soil Values.

Click the plus sign to the left of Soil\_Val, this will display a random number, click the random number and it will display the Sum\_Cost (Assessment Value) and Sum\_Total (Total Acres). It will also display a breakdown of each soil class’s acres and values.