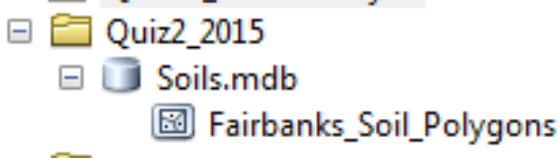
QUIZ#2: Random Points in Ester Peat Polygons

Download the and unzip ***Quiz2_2017.zip*** from :
http://dverbyla.net/nrm435/quiz_data_2017/

Download and unzip your file….



We are interested in field sampling from Ester Peat polygons. Create 5 random points in each polygon 20-45 percent slope class, and 1 random point in each very steep slope class.

Polygon	Ester peat, 20 to 45 percent slopes
Polygon	Ester peat, 20 to 45 percent slopes
Polygon	Ester peat, very steep
Polygon	Ester peat, very steep
Polygon	Ester peat, 20 to 45 percent slopes
Polygon	Ester peat, 20 to 45 percent slopes

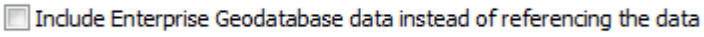
And create a table of total number of points created by slope class:
For example:

MUNAME	Sum_Random_Points
Ester peat, 20 to 45 percent slopes	0
Ester peat, very steep	0

Save all output in your geodatabase container ***Soils.mdb***

Enter map document properties File→Map Document Properties..

Save your work. File menu→save or click on the save icon.

Then create a map package: File→Share As→ Map Package…Save package to file (do NOT check on 

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Email me (dlverbyla@alaska.edu) your map package ***mpk*** file. (not your .mxd file) as an attachment

Grading:

All output to geodatabase container ***Soils.mdb*** 4pts

Correct layer of Ester peat polygons 4 pts

Correct number of random points by slope class 4pts

Correct table of random point count frequency by slope class 4 pts

Map document contains Title, Summary, Author email, Credits (your name) 4 pts