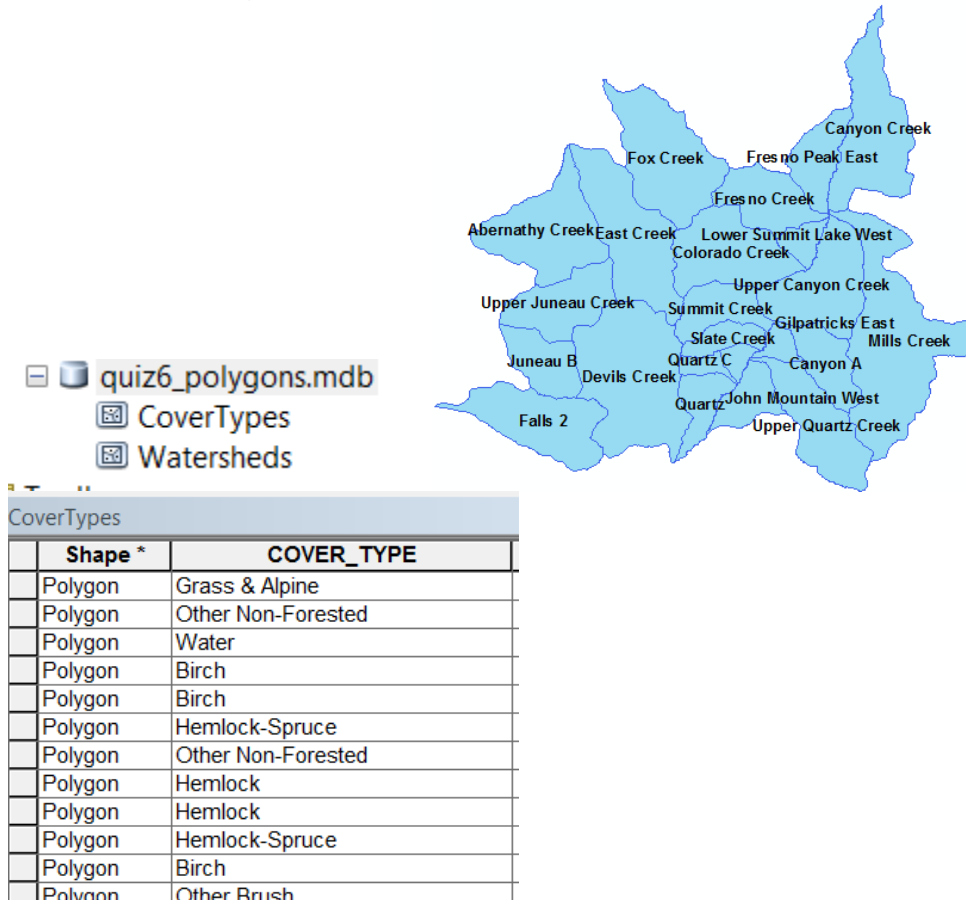


### QUIZ#6: Polygon Analysis

Download the personal geodatabase **quiz6\_polygons.mdb** from the website:  
[http://dverbyla.net/nrm435/quiz\\_data\\_2018/](http://dverbyla.net/nrm435/quiz_data_2018/)

There are 2 polygon feature classes in the geodatabase of an area on the Kenai Peninsula.



For each watershed polygon, determine the percentage of the watershed that is non-forested (classes of **water, snow & ice, rock, grass & alpine, other non-forested**)

Create a geodatabase table with the percentages within each watershed that was in the non forested or nonshrub classes as follows:

Attributes of watersheds		
WShed_Name	NonForested_Percent	
Abernathy Creek		0
Canyon A		0
Canyon Creek		0
Colorado Creek		0
Devils Creek		0
East Creek		0
Falls 2		0
Fox Creek		0
Fresno Creek		0
Fresno Peak East		0
Gilpatricks East		0
John Mountain West		0
Juneau B		0
Lower Summit Lake West		0
McMillan Mines		0
Mills Creek		0
Quartz		0
Quartz C		0
Slate Creek		0
Summit Creek		0
Upper Canyon Creek		0
Upper Juneau Creek		0
Upper Quartz Creek		0

All geoprocessing output should be stored in **quiz6\_polygons.mdb** container.

Save your work. Then create a map package: File→Share As→ Map Package...Save package to file ( do NOT check on Enterprise )

Include Enterprise Geodatabase data instead of referencing the data

Also share your map package to a folder location, **not** to your geodatabase container.

Email me ( [dverbyla@alaska.edu](mailto:dverbyla@alaska.edu) ) your map package **mpk** file. (not your arcmap document .mxd file) as an attachment (extensions are hidden by default)