

5.2. Information for a new supervisor of Brown Tract. A new supervisor (Kelly Campbell) was hired for the Brown Tract, and wants to get familiar with the forest resources located there. She asks you to provide some information about the forest and its resources:

From the streams GIS database:

- a) How many *miles* of fish-bearing, large streams are in the database?
Result: 4738.55 feet (0.90 miles) of stream.
- b) How many *miles* of fish-bearing, medium streams are in the database?
Result: 3.14 miles
- c) How many *miles* of fish-bearing, small streams are in the database?
Result: 4.86 miles
- d) How many *miles* of non-fish bearing, large streams are in the database?
Result: 0 miles
- e) How many *miles* of non-fish bearing, medium streams are in the database?
Result: 0 miles
- f) How many *miles* of non-fish bearing, small streams are in the database?
Result: 25.74 miles

From the roads GIS database:

- g) How many *miles* of road on (or near) the Brown Tract are rock roads?
Result: 41.25 miles
- h) How many *miles* of road on (or near) the Brown Tract are dirt roads?
Result: 2.25 miles

From the soils GIS database:

- i) How many acres of "PR" soil type are there on the Brown Tract?
Result: 1704.2 acres
- j) How many acres of "DN" soil type are there on the Brown Tract?
Result: 1389.5 acres
- k) How many acres of "WL" soil type are there on the Brown Tract?
Result: 435.1 acres

From the watersources GIS database:

- l) How many beaver pond water sources are on the Brown Tract?
Result: 1
- m) How many culvert spill sources are on (or near) the Brown Tract?
Result: 5 (3 are on, 2 are near)
- n) How many water tank sources are on (or near) the Brown Tract?
Result: 1 (it is near, not on, the tract)

From the trails GIS database:

- o) How many *miles* of authorized trails are there on (or near) the Brown Tract?
Result: 5.86 miles
- p) How many *miles* of unauthorized trails are there on (or near) the Brown Tract?
Result: 4.43 miles

q) How many *miles* of proposed trails are there on (or near) the Brown Tract?
Result: 3.71 miles