

Station 1

- 1) Using your GPS receiver, obtain the UTM coordinates for this station and place your answer in the spaces labeled 3 – UTM and 3 – UTM on your scan sheet.
- 2) Enter the following coordinates into your GPS receiver and navigate to that location.

UTM _____ E

UTM _____ N

Station 2

The landowner wishes to install a tile drainage system in a new field to remedy ponding issues. The landowner has marked the 4 corners of the new field with blue stakes. As a consultant, your task is to determine the **total length** of the drainage system so a budget can be prepared.

Unfortunately, the only information you have is the crude map below and the orientation of the drainage system.

So, using your GPS unit identify the field corners and measure the distance (**in meters**) from the northwest corner to the southeast corner and the distance (**in meters**) from the southeast corner to the northeast corner. Next, add the two lengths together to get the total drainage system length. Place your answer in answer place 5 of the GPS section of the scan sheet.

