

# Frost Tube Site Definition

## Field Guide

### Task

To describe the site where the Frost Tube is located.

### What You Need

- GPS receiver
- [GPS Field Guide](#)
- [GPS Data Sheet](#)
- [Frost Tube Site Definition Sheet](#)
- Meter stick
- Pen or pencil
- Camera

### In the Field

1. Fill out the top part of the [Frost Tube Site Definition Sheet](#) (Coordinates, Source of Location Data, Site Type, and Cover Type). In the Air category, note that “thermometer type” is required. If there is no air temperature thermometer, select “no thermometer.”
2. Use the GPS receiver and [GPS Field Guide](#) and [GPS Data Sheet](#) to identify the latitude, longitude and elevation.
3. Provide the date the Frost Tube was installed (this may be different than the date you define the site).
4. Record the height of the Frost Tube above ground, depth below ground, and total length.
5. Note whether there are any water bodies within 100 m of the Frost Tube site. If there are, record the direction and the distance.
6. Note the landscape position.
7. Describe the type of surface cover.
8. Describe any other information you think is important and enter it as a comment. For example, name the water body (if one is present) and whether there are human activities or structures within 100 m of the Frost Tube site. Also note the distance to the atmosphere site if applicable.
9. Standing by the Frost Tube, take four photographs in the four cardinal directions, North, South, East, and West. Pictures can be added later to the online site definition form.