

# Frost Tube Investigation

## Site Definition Sheet

School Name: \_\_\_\_\_ Class or Group Name: \_\_\_\_\_

Observer Names: \_\_\_\_\_

Date: \_\_\_\_\_ Check one:  New Site  Metadata Update

Study Site name (give your site a unique name): \_\_\_\_\_

Coordinates: Latitude: \_\_\_\_\_  N or  S Longitude: \_\_\_\_\_  E or  W  
Elevation: \_\_\_\_\_ m

If there is a GLOBE Atmosphere Site near the Frost Tube Site, please complete the following:

Nearest Atmosphere Site: ATM- \_\_\_\_\_

Distance to ATM Site: \_\_\_\_\_ m Direction to ATM Site:  N  NE  E  SE  S  SW  W  
 NW

### FROST TUBE DATA:

Date installed: \_\_\_\_\_ (This may be different than the date above)

Height above ground (cm): \_\_\_\_\_ Depth below ground (cm): \_\_\_\_\_ Total length: \_\_\_\_\_

### SITE CHARACTERISTICS:

Permafrost (Check one):  Present  Absent  Unknown

The permafrost is (Check one):  Continuous  Discontinuous  Unknown

If present, what is the depth to permafrost (measured in late summer, before the first frost):

Depth to permafrost table: \_\_\_\_\_ cm Date measured: \_\_\_\_\_

Site topography (Check one):  Valley bottom  Top of hill or ridge  Plain

Slope Angle: \_\_\_\_\_ Slope direction (facing up slope): \_\_\_\_\_

Dominant site vegetation (Check one):  Bare ground  Short vegetation (<10 cm)

Tall vegetation (>10 cm)  Forest  Other (describe below)

Description: \_\_\_\_\_

If the dominant site vegetation is forest, please complete the following:

Forest Floor (Check one):  Leaf litter  Moss  Peat  Other (describe below)

Description: \_\_\_\_\_

Water body in close proximity to the site:  Yes  No

Type of water body (Check one):  creek or small stream  large river  small pond or lake   
large lake  other (describe): \_\_\_\_\_

Distance from site (m): \_\_\_\_\_

Human activity/ structure near the site:  Yes  No

Type of activities/ structures (check all that apply):  School  Parking lot  Road  House  
 Driveway  Trail  Other (describe): \_\_\_\_\_

Human activity/ Structure	Distance from site (m)
_____	_____
_____	_____
_____	_____

**Overall comments on the site (metadata):**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_