

Soil (Pedosphere) Investigation

Soil Moisture Data Sheet - Transect Pattern

* Required Field

Study Site: _____

Observer names: _____

Date samples collected: Year: _____ Month: _____ Day: _____

Local Time: ____:____ (Hours:Min) UT: ____:____ (Hours:Min)

Soil State: (check one) *

☐ Measurable ☐ Frozen ground ☐ Snow on ground ☐ Graupel (snow pellets) on ground

☐ Hail on ground ☐ Frozen water on ground

Note: If Measurable is selected, continue below; all other selections stop here.

Drying method: (check one) ☐ 95-105° C oven ☐ 75-95° C oven ☐ other _____

Average drying time: Hours/minutes _____

Daily Metadata: (optional)

Length of Line: _____ m Compass Bearing: _____ Station Spacing: _____ m

Metadata Comments:

Directions:

Transects should be 50 m long, located in an open field. Measurements are made 12 times/yr. during a regular interval of your choice. Enter the data for your samples collected between 0-5 cm (10 single samples plus 1 triple sample):

Observations:				A	B	C	(A-B)/B-C)
Sample Number	Distance to start of Transect (m)	Container ID#	Container Volume (mL) (Optional)	Mass of wet soil and container (wet mass) (g)	Mass of dry soil and container (dry mass) (g)	Mass of empty container (g)	Soil Water Content (from calculations) (g/g)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							