

# Soil (Pedosphere) Investigation

## Bulk Density Data Sheet

**Note:** All measurements are done without the can lid!!

Date of sample collection: Year \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_

Study Site: \_\_\_\_\_

Horizon Number: \_\_\_\_\_, Horizon Depth: Top \_\_\_\_\_cm, Bottom \_\_\_\_\_cm

	Sample Number		
	1	2	3
A Container #			
B Wet mass of soil and container (g)			
C Dry mass of soil and container (g)			
D Container volume (mL)			
E Container mass (g)			
F Mass of rocks (g)			
G Volume of water without rocks (mL)			
H Volume of water with rocks (mL)			
<b>I Mass of dry soil (g) = C-E</b>			
<b>J Volume of rocks (mL) = H-G</b>			
<b>K Bulk Density (g/mL) = <math>\frac{I-F}{D-J}</math></b>			