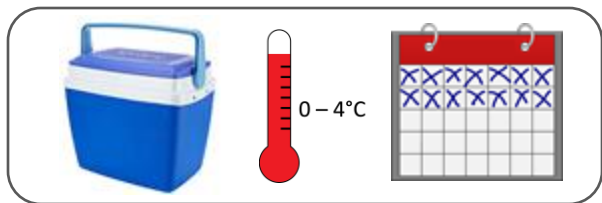
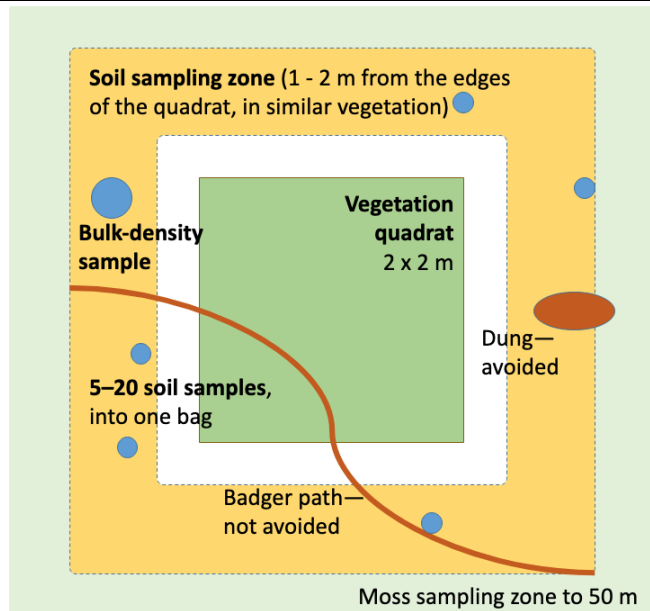


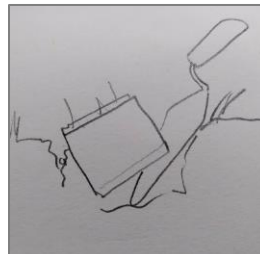
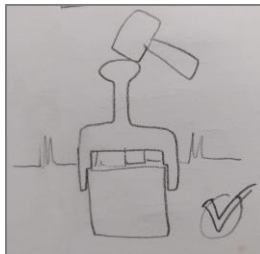
# Field Guide to Soil Sampling for the NEMN

Submit form plot\_soil at <https://nemn.ucd.ie/documentation>

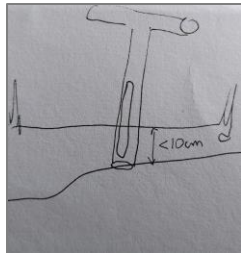
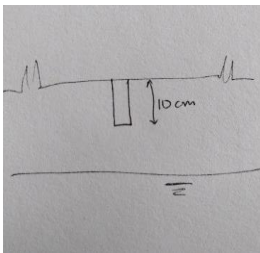


[nemn.ucd.ie/contact](https://nemn.ucd.ie/contact)

## Fixed-volume ring sampling for bulk density



## Auger sampling of 0–10 cm layer for chemical analysis 5–20 x cores in one polyethylene bag per permanent plot



Air-dry

template\_samples

Lab

The image shows a data form titled "National Ecosystem Monitoring Network". It includes a table for recording soil samples with columns for Sample Number, Date, and Analysis. The form is partially filled out with sample data.

Sample Number	Date	Analysis
1	2012_01_20120609	Bulk Density
2	2012_01_20120609	Bulk Density
3	2012_01_20120609	Bulk Density
4	2012_01_20120609	Bulk Density
5	2012_01_20120609	Bulk Density
6	2012_01_20120609	Bulk Density
7	2012_01_20120609	Bulk Density
8	2012_01_20120609	Bulk Density
9	2012_01_20120609	Bulk Density
10	2012_01_20120609	Bulk Density

Submit **plot\_soil** for each plot in soil sample survey, at [nemn.ucd.ie/documentation](https://nemn.ucd.ie/documentation)

Site	
Plot	
Date yyyyymmdd	
list_method_soilsampling	
Layer 01 = 0 –10 cm	
list_disturbance	
sample_BD0/1	
sample_chemical0/1	
list_access	
list_conditions	
Comment	

Submit **NEMN\_plot** for:  
 New plot  
 Plot closed  
 [plot moved = closed + new]

### list\_access

9	Closing
4	Risk Assessment needed
3	Blocked
2	Limited
1	Accessible
0	Not assessed
-1	Unknown

### list\_conditions

9	See comment
2	Constrained
1	OK
-1	Unknown

### Check samples going to base

- Sample bags labelled
- Sample list
- Samples in cool conditions
- Air-drying within 10 days

### list\_method\_soilsampling

0	No sampling
1	Gouge auger < 3 cm
2	Gouge auger ≥ 3 cm
3	Funnel auger < 3 cm
4	Shovel
-1	Unknown

### list\_soildisturbance

8	Removal
7	Scalping
6	Earth
5	Char
4	Contamination
3	Dung avoided
2	Habitat avoided
1	No disturbance
0	Not assessed
-1	Unknown

<https://nemn.ucd.ie/contact>