



## Sampling Instructions for Soils Analysis Package

The reliability of analytical results depends on the integrity of the sample and the sampling procedure. The samples should be representative of the soil in question. A sufficient volume needs to be collected to perform all the analyses requested and care needs to be taken to prevent contamination, mislabeling, or expiration.

Wherever possible, collected samples should be representative of the bulk material in question or the specific application being tested. For instance, a grab sample meant to represent a greater part of a field should not be taken directly from the road edge where road debris may accumulate or be subject to alterations from traffic. Depth is also a concern. Wherever possible, samples should be of the same composition as the bulk material in question. If there are concerns that the material is not sufficiently uniform consider collecting multiple samples or a composite sample made up of a few portions from a few different sampling sites.

To collect a soil sample, remove extraneous organic debris from the surface and take a small scoop or shovel full of material to a depth of 15cm. Collect approximately 500g of soil and place in a large heavy duty plastic baggie. Seal the bag and mark with an indelible marker denoting the specific **sample name**, **date** and **time** of sampling. Store in a cool dark location and provide sample(s) to the lab within 5 days of sampling.

Samples can be delivered to room #4-234 at UNBC Monday to Friday between 9AM and 4PM. There is a 10-minute loading zone at the north end of building 4 that is convenient for dropping off samples.

You can find directions to NALS on Google maps at: <https://goo.gl/mun6v1>

### Contact Information:

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