



Soil Sampling Instructions

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Use the collection procedure identified in your research/QAP plan. If one is not specified, consider the guidelines below for soil sampling.

For composite samples:

- To take a composite sample from soil borings, collect 5-10 samples from randomly selected locations in borings that represent soil/field conditions. Place samples in a clean container, mix thoroughly, and remove a single subsample.
- To take a composite sample from a stockpile, collect 15 samples from randomly selected locations within the stockpile, place samples in a clean container, mix thoroughly, and remove a single subsample.

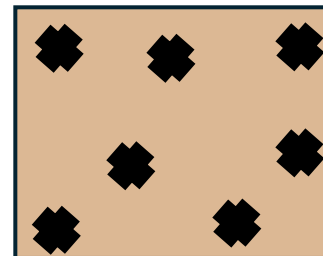


Fig 1. Illustrative soil sampling method – randomly-selected, representative samples.

For grab samples:

- Take samples from representative locations within the pile (i.e., do not pull just from the top of the pile, as this may affect the uniformity of the sample).

Table 1. Recommended number of grab samples from contaminated soil stockpiles.

Cubic yards of soil in pile	Number of grab samples
Less than 50	1
51-500	2
501-1,000	3
1,001-2,000	4
2,001-4,000	5
Each additional 2,000	One additional sample