

Guidelines for Collecting Soil for Bench-scale Tests

Required Soil Mass, kg	Approximate # of 6 inch long cores		
	1 inch diameter	1.5 inch diameter	2 inch diameter
1	6	3	1
2	11	5	3
3	16	7	4
4	22	10	6
5	27	12	7
6	32	15	8
7	38	17	9
8	43	19	11
9	48	22	12
10	54	24	14
12	64	29	16
15	80	36	20
est soil/core, kg	0.19	0.42	0.75

Notes:

- Soil collected via drilling may be kept in sleeves/cores. Maximum length is 12 inches.
- If soil is removed from cores, store it in wide-mouth glass jars with minimum headspace. Avoid "wide-mouth" amber bottles--they are difficult to pack and even harder to empty.
- If soil contains many large rocks (greater than about 1/4"), please provide additional soil as larger particles will be removed unless otherwise requested and agreed upon. (Test procedures may need to be adjusted to accommodate samples with significant gravel component.)
- **Hold Time:** There is no formal hold time for soils undergoing treatability testing. Soil should be tested as soon as practical, however if soil is kept sealed, cold and in the dark, a hold time of 30 days is usually reasonable. Shorter or longer hold times may be required/acceptable depending upon the nature of the testing. Contact PRIMA for project-specific guidelines.