



PARTICLE SIZE & SAND SIEVE ANALYSIS – INFORMATION SHEET

Name: _____ **Date:** _____

Company: _____

Address: _____

Phone # : _____ **Fax# :** _____

Email: _____ If an email address is provided, results will automatically be emailed.

Sample ID: _____

Please indicate analysis desired and submit payment with sample (check payable to Penn State University)

<u>Analysis</u>	<u>Cost</u>
Particle Size Analysis	\$25.00
Sand Sieve Analysis	\$25.00

Sampling and Mailing Instructions: To obtain a representative sample, use a soil sampling tube or garden trowel and remove portions in 12 locations. Place in a clean bucket and mix thoroughly. Dry a sufficient amount (1 to 2 cups) of composite sample and place in clean plastic zipper seal bag. Seal and return to address shown above.

Report will Include:

- Particle Size Analysis: % Sand, % Silt, % Clay, and Textural Class
- Sand Sieve Analysis: Seven separations will be reported in percent according to the following table:

<u>Soil Separate</u>	<u>Diameter Ranger (millimeters)</u>	<u>U.S. Standard Sieve No.</u>
Gravel	2.0 and larger	10
Very Coarse Sand	2.0 – 1.0	18
Coarse Sand	1.0 – 0.5	35
Medium Sand	0.5 – 0.25	60
Fine Sand	0.25 – 0.10	140
Very Fine Sand	0.10 – 0.05	270
Fines	Less than 0.05	----