Agricultural Analytical Services Laboratory
The Pennsylvania State University
720 Tower Road
University Park, PA 16802
(814) 863-0841 aaslab@psu.edu www.aasl.psu.edu

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:_____

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.

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

Analysis	Cost	
Particle Size Analysis	$25.00	☐

Report will Include:

- Particle Size Analysis: % Sand, % Silt, % Clay, and Textural Class

Particle Size AND Sand Sieve Analysis $50.00 ☐

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:

Soil Separate	Diameter Ranger (millimeters)	U.S. Standard Sieve No.
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	----