

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class/Hour: \_\_\_\_\_

DATA AND OBSERVATIONS  
PART 1: BULK DENSITY

Sample:				
Empty Container (g):				
Volume of Container (cm <sup>3</sup> ):				
Container + Sample (g):				
Bulk Density (g/cm <sup>3</sup> ):				
Bulk Density (lb/ft <sup>3</sup> ):				

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DATA AND OBSERVATIONS  
PART 2: MOISTURE CONTENT

Sample:				
Empty Container (g):				
Container + Moist Sample (g):				
Container + Dry Sample (g):				
% Moisture:				

PART 3: PERCENT FINES

Sample:				
Sample Weight (g):				
Empty Pan Weight (g):				
Pan + Fines (g):				
% Fines:				

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DATA AND OBSERVATIONS  
PART 4: LENGTH AND DIAMETER OF PELLETS

Sample:				
Sample Weight:				
Longest Sorted Pellet (in):				
Weight of Pellets >1.5in (g):				
% Exceeding 1.5in:				
Pellet 1 Diameter:				
Pellet 2 Diameter:				
Pellet 3 Diameter:				
Pellet 4 Diameter:				
Pellet 5 Diameter:				
Average Pellet Diameter (in):				

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DATA AND OBSERVATIONS  
PART 5: DURABILITY

Sample:				
Sample Weight:				
Empty Sieve Weight (g):				
Sieve + Durable Pellets (g):				
% Durable:				

DATA SUMMARY

Sample:				
Bulk Density:				
% Moisture:				
% Fines:				
% Exceeding 1.5 in:				
Average Pellet Diameter (in):				
% Durable:				

**BIOMASS DENSIFICATION AND QUALITY OF DENSIFIED BIOMASS**