1641 Sigman Road PO Box 919 Conyers, GA 30012 1-770-922-8000 ext 164 www.biomassenergylab.com

ENERGY

Report of Analysis

BEL2533

BioResources Management, Inc.

3520 NW 43rd St.

Gainesville, FL 32606

Product/Commodity:

Sample Designation:

Packaging:

Date Sampled:

BEL ID Number(s):

Company Contact: Brian Condon

Sample Weight (kg): 1.19

Sample Received:

8/29/2013

Report Date:

9/4/2013

Report ID:

BEL123462-1

Purchase Order #

N/A

Compositional Analysis: Proximate/Ultimate Analysis

BEL123462

Biomass Fuel

ID 120828D

Plastic Bag

8/28/2013

Parameter	As-Received	Oven Dry	Analytical Method
Total Moisture (%)	42.04		CEN/EN 14774-1
Ash (%)	6.74	11.62	CEN/EN 14775
Volatiles (%)	42.70	73.66	CEN/EN 15148
Fixed Carbon (%)	8.52	14.70	By Difference
Gross Calorific Value (GJ/Tonne)	11.16	19.25	CEN/EN 14918
Net Calorific Value (cV)(GJ/Tonne)	9.49	18.04	CEN/EN 14918
Net Calorific Value (cP)(GJ/Tonne)	9.39	17.98	CEN/EN 14918
Carbon (%)	28.69	49.51	CEN/EN 15104
Hydrogen (%)	3.40	5.86	CEN/EN 15104
Nitrogen (%)	0.20	0.34	CEN/EN 15104
Sulfur (%)	0.01	0.02	CEN/EN 15289
Oxygen (%)	18.92	32.65	By Difference
Chlorine (%)	0.006	0.011	CEN/EN 15289

Prepared By:

Results shown on this certificate represent only the quantity of sample which was submitted for analysis. BEL does not assume responsibility for selection, representation, and/or sample identifications. Analyses are carried out within the scope of Principal's instructions and with due care and skill in conformity with BEL Terms and Conditions of Business. Claims in respect of services provided will be considered only if based upon failure to take due care proven by the Principal. Liability shall in no circumstances whatsoever exceed a total aggregate sum eqaual to 10 (ten) times the amount of the fee paid for the service.

Chis Wiberg