



CERTIFICATE OF ANALYSIS

WESTWOOD FIBRE PRODUCTS INC..
2677 Kyle Road
Westbank, BC V1Z 2M9

March 24, 2008

SAMPLE DESCRIPTION : WOOD PELLETS – MARCH 2008
RECEIVED : March 19, 2008

Our Ref: 203-10398

| <u>ANALYSIS</u> | | <u>AS RECEIVED BASIS</u> | <u>DRY BASIS</u> |
|-----------------|---|--------------------------|------------------|
| Total Moisture | % | 4.50 | xxxx |
| Ash | % | xxxx | 0.38 |

| <u>PARAMETER</u> | <u>MEASURE</u> | <u>VALUE</u> |
|-----------------------|----------------|--------------|
| Hydrogen, (dry basis) | % of weight | 6.03 |
| Nitrogen, (dry basis) | % of weight | 0.13 |
| Oxygen, (dry basis) | % of weight | 42.60 |
| Carbon (dry basis) | % of weight | 50.85 |
| Sulphur (dry basis) | % of weight | 0.01 |

| <u>CALORIFIC VALUE</u> (ISO 1928) | <u>MJ/kg</u> | <u>Kcal/kg</u> | <u>MWh/tonne</u> | <u>BTU/lb</u> |
|---|--------------|----------------|------------------|---------------|
| Net Calorific Value at Constant Pressure, including moisture (as received basis) | 18.18 | 4346 | 5.05 | 7819 |
| Net Calorific Value at Constant Pressure, including moisture(as received basis) | 18.26 | 4364 | 5.07 | 7851 |
| Net Calorific Value at Constant Pressure (dry basis) | 19.16 | 4578 | 5.32 | 8237 |
| Net Caloriic Value at Constant Pressure (dry basis) | 19.23 | 4595 | 5.34 | 8267 |

| <u>CALORIFIC VALUE</u> | |
|---------------------------------|------|
| Kcal/Kg – gross (Dry, Ash Free) | 4908 |

| <u>Fusion Temperature of Ash (Reducing Atmosphere)</u> | |
|--|---------|
| Initial Deformation | 1461 °C |
| Softening (h=W) | 1464 °C |
| Hemispherical | 1466 °C |
| Fluid | 1470 °C |

| <u>ANALYSIS</u> | <u>AS RECEIVED BASIS</u> | <u>DRY BASIS</u> |
|-----------------|--------------------------|------------------|
| Chlorine (ug/g) | 66 | 69 |
| Chlorine (%) | 0.007 | 0.007 |

Screen: -1/8" 0.3 %

This analysis is based on samples submitted to the laboratory of SGS Canada Inc., Minerals Services.

V. Sharma, Laboratory Supervisor

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