



ADDRESS ALL CORRESPONDENCE TO:
 COMMERCIAL TESTING & ENGINEERING CO.
 ROUTE 2, BOX 162A
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 FAX: (606) 248-0044

June 20, 2003

CAROLINA STALITE CO.
 P. O. BOX 186
 GOLD HILL, NC 28071

Sample identification by
 CAROLINA STALITE CO.

SAMPLE BROUGHT IN
 STALITE LIGHT WEIGHT AGGREGATE
 P.O. NO. 005924

Kind of sample reported to us STALITE

Sample taken at CAROLINA STALITE CO.

Sample taken by CAROLINA STALITE CO.

Date sampled June 17, 2003

Date received June 18, 2003

Analysis Report No. 49-211897

<u>ANALYSIS OF ASH</u>	<u>WEIGHT %, IGNITED BASIS</u>
Silicon dioxide	62.90
Aluminum oxide	17.20
Titanium dioxide	0.89
Iron oxide	8.31
Calcium oxide	1.73
Magnesium oxide	2.35
Potassium oxide	3.15
Sodium oxide	2.52
Sulfur trioxide	0.19
Phosphorus pentoxide	0.17
Strontium oxide	0.02
Barium oxide	0.05
Manganese oxide	0.19
Undetermined	0.33
	<u>100.00</u>

Silica Value = 83.54
 Base:Acid Ratio = 0.22
 T250 Temperature = 2700 °F

Type of Ash = BITUMINOUS
 Fouling Index = 0.55
 Slagging Index = xxxxxx



Respectfully submitted,
 COMMERCIAL TESTING & ENGINEERING CO.

Middlesboro Laboratory

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