



Resource Materials Testing, Inc.

"Specialists in Fly Ash Testing"

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REPORT OF STABILIZER ANALYSIS

TO: Ash Grove Resources, LLC
Attn: Mr. Brady Pryor
5375 SW 7th Street, Suite 400
Topeka, KS 66606-2552

PROJECT NO. RMT-467
SAMPLE NO. 17201
DATE REC.: 09-16-09
DATE REP.: 01-05-10

PROJECT NAME: Foreman Ash Grove Durabase® CKD Quality Assurance Program

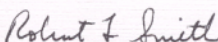
SAMPLE ID: Foreman Ash Grove Durabase® CKD

CHEMICAL ANALYSIS, ignited basis, wt%: RESULTS:

Silicon Dioxide, SiO ₂	19.46
Aluminum Oxide, Al ₂ O ₃	5.89
Iron Oxide, Fe ₂ O ₃	2.05
Sum of SiO ₂ , Al ₂ O ₃ & Fe ₂ O ₃	27.40
Calcium Oxide, CaO	56.31
Magnesium Oxide, MgO	1.12
Sodium Oxide, Na ₂ O	2.21
Potassium Oxide, K ₂ O	5.88
Sulfur Trioxide, SO ₃	7.44
Moisture Content	0.19
Loss on Ignition	19.37
Available Lime Index, %CaO	6.85

PHYSICAL TESTING:

Amount Retained on A No. 325 Sieve,%	27.8
C 109 Cubes w/o cement, psi	
3-day	188
7-day	500
28-day	562
Water Requirement, ml	336
Density	2.86

By 
Robert L. Smith, Ph.D.