KLEINFELDER
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To: Austin Aggregates
Attn.: Mr. Troy Carter
P.O. Box 27935
Austin, Texas 78755

Project: 2009 Austin Aggregates QA

Project No.: 104637
Date: 07-01-09
Control No.: 061608 C

REPORT OF: 5-Cycle Magnesium Soundness of Coarse Aggregate
TEST METHOD: TEX-411-A
LAB NUMBER: G-2349
MATERIAL DESCRIPTION: 1" River Gravel
MATERIAL SOURCE: Plant Stockpile
SAMPLED BY: Daren Potteiger, ACI #01147441
DATE SAMPLED: 06-16-09
TEST PERFORMED BY: D. Potteiger, ACI #01147441; P. Rajapakse, ACI #01018496
RESULTS:

SOUNDNESS TESTS OF COARSE AGGREGATE

Sieve Size	Grading of Original Sample %	Wt. of Fraction Before Test (g)	%Passing Designated Sieve After Test	Weighted Percentage Loss
¾" to 3/8"	66%*	1000.6	5.1	3.4
3/8" to #4	34%*	300.3	6.7	2.7
			Total % Loss	6.1
			% Unsound	6.0

Normalized Gradation, Used Solution

1-Above

Report Reviewed by: JBA

R. S. Wright

Robert S. Wright, P.E.