



1826 Kramer Lane, Suite M  
 Austin, Texas 78758  
 p | 512-926-6650  
 f | 512-833-5058  
 kleinfelder.com

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

Project: 2009 Austin Aggregates QA

Project No.: 104637  
 Date: 06-25-09  
 Control No.: 061608 A

REPORT OF: Sieve Analysis, Specific Gravity, Loose Unit Weight, Decantation, Fineness Modulus, Sand Equivalent, Organic Impurities, Acid Insoluble Residue, and Clay Lumps and Friable Particles

TEST METHOD: ASTM C29, C117, C128, C136, C702, D75, D2419, C142, C40, and TEX 612J

LAB ID NUMBER: G-2348

MATERIAL DESCRIPTION: Concrete Sand (River Sand)

MATERIAL SOURCE: Stockpile

SAMPLED BY: Daren Potteiger, ACI #01147441

DATE SAMPLED: 06-16-09

TEST PERFORMED BY: Daren Potteiger, ACI #01147441; Pulasthi Rajapakse, ACI #01018496

RESULTS:

<u>Sieve Size</u>	<u>Percent Passing</u>	<u>ASTM C-33 Requirements</u>
3/8"	100	100
#4	100	95-100
#8	91.5	80-100
#16	75.6	50-85
#30	49.6	25-60
#50	16.0	5-30
#100	2.3	0-10
#200	0.6	--

Specific Gravity..... 2.607  
 Absorption, % ..... 0.9  
 Oven Dry Loose Unit Wt., pcf ..... 102.4  
 Decantation, % ..... 0.6  
 Fineness Modulus..... 2.65  
 Organic Impurities..... Lighter than Standard  
 Sand Equivalent ..... 97  
 Acid Insoluble Residue, % ..... 86  
 Clay Lumps & Friable Particles (%)..... 0.00

Report Reviewed by: *[Signature]*

*[Signature]*

Robert S. Wright, P.E.