



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

To: Yarrington Road Materials
 Attn.: Mr. Chase Coleman
 P.O. Box 967
 Kyle, Texas 78640

Project: 2014 Yarrington Road QA

Project No.: 110038

Date: 08-14-14

Control No.: 072216 B

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REPORT OF: Sieve Analysis, Specific Gravity, Loose Unit Weight, Decantation, Fineness Modulus, Organic Impurities, Sand Equivalent, Acid Insoluble Residue, and Deleterious Materials

TEST METHOD: TEX 400A, TEX 401A, TEX 402A, TEX 403A, TEX 404A, TEX 406A, TEX 408A, TEX 413A, TEX 203F, and TEX 612J

LAB ID NUMBER: G-3582

MATERIAL DESCRIPTION: Washed Concrete Sand

MATERIAL SOURCE: Plant Stockpile

SAMPLED BY: K. Eidenschink, ACI #922986

DATE SAMPLED: 07-22-14

TEST PERFORMED BY: D. Potteiger, ACI #01147441

RESULTS:

<u>Sieve Size</u>	<u>Percent Passing</u>	<u>COA Item 403 TxDOT Item 421</u>	<u>ASTM C-33</u>
3/8"	100	100	100
#4	99.8	95-100	95-100
#8	84.4	80-100	80-100
#16	63.3	50-85	50-85
#30	44.6	25-65	25-60
#50	22.5	10-35	5-30
#100	6.0	0-10	0-10
#200	2.3	0-3	0-3

Fineness Modulus2.79 (2.30 – 3.10)

Specific Gravity2.554

Absorption, %3.1

Oven Dry Loose Unit Wt., pcf.....96.9

Decantation, %2.3

Organic ImpuritiesLighter than Standard

Sand Equivalent87 (minimum 80)

Acid Insoluble Residue, %3.7 (minimum 60 for paving)

Clay Lumps & Friable Particles (%).....0.00 (maximum 0.5)

Report Reviewed by: BS

Barry Siler
 Barry Siler, C.E.T.

1-Above

Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for statements (meets/does not meet), if provided. If the samples tested were sampled and/or transported to our laboratory by parties other than Kleinfelder staff, this report makes no representation of whether the samples are representative of the material onsite.