KLEINFELDER
Bright People. Right Solutions.

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

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:

Sieve Size	Percent Passing	COA Item 403 TxDOT Item 421	ASTM C-33
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 Modulus ....2.79   (2.30 – 3.10)
Specific Gravity 2.554
Absorption, % 3.1
Oven Dry Loose Unit Wt., pcf.................96.9
Decantation, % 2.3
Organic Impurities ....Lighter than Standard
Sand Equivalent 87   (minimum 80)
Acid Insoluble Residue, % ....3.7   (minimum 60 for paving)
Clay Lumps & Friable Particles (%)........0.00   (maximum 0.5)

Report Reviewed by:

Barry Siler
Barry Siler, C.E.T.

1-Above