



3465 Curry Lane  
Abilene, TX 79606  
325-695-1070

DATE: 4/5/2022  
REPORT NO: 18516

To: Mr. Kent Strain  
JH. Strain & Sons  
P.O. Box 277  
Tye, Texas 79563

Project: JH. Strain & Sons  
Quality Control Testing

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REPORT ON: Decant Test for Coarse Aggregate  
Test Methods: Tex-217-F, Part II and Tex-200-F

IDENTIFICATION: Sample Number 22124  
Sampled by Client

DESCRIPTION: 3/4 inch Crushed Limestone  
Knaus Pit

TECHNICIAN: Client

RESULTS: Decant :12.6 %

REMARKS:

COPIES TO: Above

Jacob & Martin, Ltd.  
Firm # F-2448

A handwritten signature in blue ink that reads 'Barry W. Fowlkes, P.E.'.

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Barry W. Fowlkes, P.E.



3465 Curry Lane  
Abilene, TX 79606  
325-695-1070

DATE: 4/5/2022  
REPORT NO: 18563

**To:** Mr. Kent Strain  
JH. Strain & Sons  
P.O. Box 277  
Tye, Texas 79563

**Project:** JH. Strain & Sons  
Quality Control Testing

REPORT ON: Determination of Atterberg Limits  
TEST METHOD: ASTM D 4318  
MATERIAL DESCRIPTION: 3/4 inch Crushed Limestone  
LOCATION SAMPLED: Knaus Pit  
SAMPLED BY: Client  
SAMPLE NUMBER: 22124  
TESTED BY: Brendon Day

**RESULTS:**

Liquid Limit:	24
Plastic Limit:	15
Plasticity Index:	9

**Notes:**

This report contains the results of a test performed by Jacob & Martin, Ltd. on material sampled from the location indicated above.  
The test does not constitute a geotechnical investigation.

**COPIES TO:** Above

Jacob & Martin, Ltd.  
Firm # F-2448

A handwritten signature in blue ink that reads 'Barry W. Fowlkes, P.E.'.

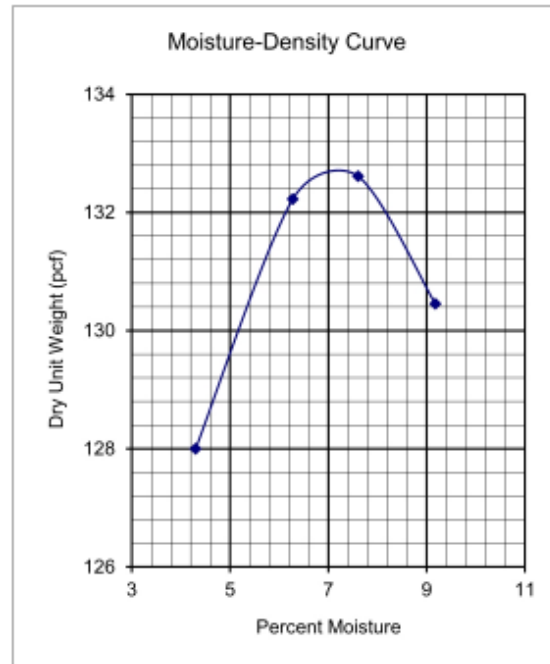
Barry W. Fowlkes, P.E.

DATE: 4/5/2022  
 REPORT NO: 18565

**To:** Mr. Kent Strain  
 JH. Strain & Sons  
 P.O. Box 277  
 Tye, Texas 79563

**Project:** JH. Strain & Sons  
 Quality Control Testing

**COMPACTION TEST**

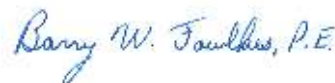
 Test Method: ASTM D 1557  
 Compaction Method: Method A  
 Preparation Method: Dry  
 Sampled By: Client  
 Sample Number: 22124  
 Sample Location: Knaus Pit  
 Material Description: 3/4 inch Crushed Limestone  
 Rammer Type: Mechanical  
 Oversize Sieve: 3/4 inch  
 Percent Oversize: 0  
 Specific Gravity: 2.65  
 S.G. Method: Estimated

**Results:**

 Maximum Dry Unit Weight (pcf): 132.7  
 Optimum Percent Moisture: 7.2

REMARKS:

COPIES TO: Above

 Jacob & Martin, Ltd.  
 Firm # F-2448



Barry W. Fowlkes, P.E.



3465 Curry Lane  
Abilene, TX 79606  
325-695-1070

DATE: 4/5/2022  
REPORT NO: 18584

To: Mr. Kent Strain  
JH. Strain & Sons  
P.O. Box 277  
Tye, Texas 79563

Project: JH. Strain & Sons  
Quality Control Testing

REPORT ON: Sieve Analysis - Gradation  
Test Method ASTM C-136

IDENTIFICATION: Sample Number 22124  
Sampled by Client

DESCRIPTION: 3/4 inch Crushed Limestone  
Knaus Pit

TECHNICIAN: Coleton Davis

RESULTS:	Sieve Size:	Percent Retained:
	7/8	0
	3/4	1
	1/2	44
	3/8	57
	#4	79
	#8	88
	#200	94.4

REMARKS:

COPIES TO: Above

Jacob & Martin, Ltd.  
Firm # F-2448

Barry W. Fowlkes, P.E.