



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

DATE: 4/5/2022  
REPORT NO: 18476

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: Crushed Limestone Bin 10  
LOCATION SAMPLED: Knaus Pit  
SAMPLED BY: Client  
SAMPLE NUMBER: 22125  
TESTED BY: Brendon Day

RESULTS:

Liquid Limit: 21  
Plastic Limit: 13  
Plasticity Index: 8

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

Barry W. Fowlkes, P.E.



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

DATE: 4/5/2022  
REPORT NO: 18477

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

Project: JH. Strain & Sons  
Quality Control Testing

---

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

IDENTIFICATION: Sample Number 22125  
Sampled by Client

DESCRIPTION: Crushed Limestone Bin 10  
Knaus Pit

TECHNICIAN: Brendon Day

RESULTS: Decant: 16.6%

REMARKS:

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.



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

DATE: 4/5/2022  
REPORT NO: 18510

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 22125

DESCRIPTION: Crushed Limestone Bin 10  
Knaus Pit

TECHNICIAN: Steve Romero

RESULTS:	Sieve Size:	Percent Retained:
	7/8	0
	3/4	1
	1/2	1
	3/8	7
	#4	32
	#8	47
	#16	58
	#50	75
	#200	84.2

REMARKS:

COPIES TO: Above

Jacob & Martin, Ltd.  
Firm # F-2448

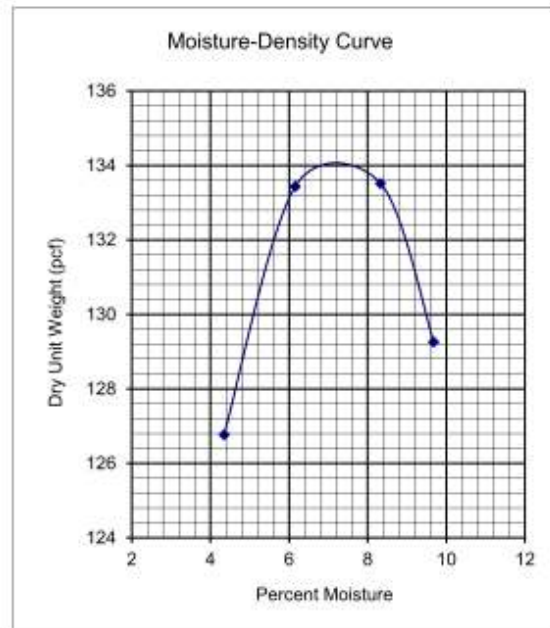
Barry W. Fowlkes, P.E.

DATE: 4/5/2022  
 REPORT NO: 18564

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

**Project:** J.H. Strain & Sons  
 Quality Control Testing

**COMPACTION TEST**

 Test Method: ASTM D 1557  
 Compaction Method: Method B  
 Preparation Method: Dry  
 Sampled By: Client  
 Sample Number: 22125  
 Sample Location: Knaus Pit  
 Material Description: Crushed Limestone Bin 10  
 Rammer Type: Mechanical  
 Oversize Sieve: 3/8 inch  
 Percent Oversize: 10.8  
 Specific Gravity: 2.65  
 S.G. Method: Estimated

**Results:**

 Maximum Dry Unit Weight (pcf): 134  
 Optimum Percent Moisture: 7.2

**Compaction Points Corrected for Oversize Particles:**

 Maximum Dry Unit Weight (pcf): 136.8  
 Optimum Percent Moisture: 6.7

REMARKS:

COPIES TO: Above

 Jacob & Martin, Ltd.  
 Firm # F-2448



Barry W. Fowlkes, P.E.