

# Concrete Rated Source Quality Catalog

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## Material Producer List

Materials & Tests Division – Geotechnical, Soils, and Aggregates Section (MTD/GSA)

*November 20, 2018*



## Concrete Rated Source Quality Catalog

### Overview

The Materials & Tests Division oversees TxDOT's Aggregate Quality Monitoring Program (AQMP) in accordance with Tex-499-A. The AQMP was created by TxDOT to improve efficiency of TxDOT operations. The program provides rated values for aggregate products from sources demonstrating continued quality and uniformity. Districts are allowed to use aggregates from rated sources qualified through the AQMP without project specific testing.

Sources are subject to sampling and testing at least twice a year to publish the Concrete Rated Source Quality Catalog (CRSQC) bi-annually. Aggregate sources are added to this catalog based on their testing history of material only supplied to TxDOT projects. Participation is at TxDOT's discretion and not at the option of the aggregate supplier.

This catalog produces rated values for the following aggregate tests:

- *Tex-410-A, Abrasion of Coarse Aggregate Using the Los Angeles Abrasion Machine*
- *Tex-411-A, Soundness of Aggregate by Use of Magnesium Sulfate*
- *Tex-428-A, Determining the Coefficient of Thermal Expansion of Concrete*
- *Tex-461-A, Degradation of Coarse Aggregate by Micro-Deval Abrasion*
- *Tex-612-J, Acid Insoluble Residue for Fine Aggregate*

The AQMP does not exempt sources from project level quality assurance testing. Districts are required to perform project testing in accordance with TxDOT's Guide Schedule to determine specification compliance for those aggregate requirements not rated by this catalog.

TxDOT reserves the right to conduct random sampling & testing of these materials to ensure quality. TxDOT representatives may sample material stockpiled at any location.

Contact the Geotechnical, Soils, and Aggregates Section at (512) 506-5907 for more information or if you have any questions.

Effective Date: *November 20, 2018*

## Legend

### *Coarse Aggregate (CA)*

- RSLA = Rated Source Los Angeles Abrasion
- RSSM = Rated Source Soundness Magnesium
- RSMD = Rated Source Micro-Deval
- RSAI = Rated Source Acid Insoluble
- CoTE = Coefficient of Thermal Expansion ( $\mu$ -strain/ $^{\circ}$ F). Only applicable for CRC Pavement. Final approval of the CTE mix design will be done by the CST/M&P, Rigid Pavement and Concrete Materials Branch.
- \* = Rated Source Value Does Not Meet Standard Specification

### *Fine Aggregate (FA)*

- RSAI = Rated Source Acid Insoluble
- \* = Rated Source Value Does Not Meet Standard Specification

## Producer Code Number

The producer code number for each aggregate source provides information to the quarry or pit location.

- The first two digits identify the district in which the source is located. Sources located outside Texas have '00' as the first two digits of the code.
- The middle three digits identify the county in which the source is located. The counties are numbered beginning with Anderson County as '001' and ending with Zavala County as '254.' A list of counties, in alphabetical order, can be found on the official Texas Travel Map.
- Out of state sources are denoted with the following middle three digits:
  - 401 – Mexico
  - 402 – Canada
  - 501 – Arkansas
  - 502 – Louisiana
  - 503 – New Mexico
  - 504 – Oklahoma
- The last two digits represent the sequential order the sources have been assigned within the county.

## Product Codes

- 084 – Concrete Fine Aggregate subject to direct traffic
- 085 – Concrete Fine Aggregate for structures (cannot be used as 084)
- 086 – Concrete Coarse Aggregate

## Material Code

The following material codes indicate the material type of the source:

### ***Coarse Aggregate***

010 - Siliceous Gravel

012 - Partly Crushed Siliceous Gravel

013 - Siliceous & Limestone Gravel

015 - Partly Crushed Siliceous & Limestone Gravel

018 - Crushed Limestone

019 - Crushed Dolomite

022 - Partly Crushed Limestone Gravel

023 - Limestone & Siliceous Gravel

024 - Crushed Limestone & Siliceous Gravel

025 - Partly Crushed Limestone and Siliceous Gravel

029 - Crushed Sandstone

032 - Crushed Rhyolite

033 - Crushed Rhyolite Gravel

048 - Lightweight Aggregate

051 - Crushed Granite

### ***Fine Aggregate***

059 - Limestone Sand

060 - Limestone and Siliceous Sand

061 - Manufactured Sand

062 - Siliceous Sand

063 - Siliceous and Limestone Sand

064 - Rhyolite Sand

065 - Manufactured Limestone and Siliceous Sand Blend

066 - Siliceous and Calcareous Sand

068 - Siliceous and Manufactured Limestone Sand Blend

## Materials

- Sandstone

SANDSTONE										
Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	CoTE	FA RSAI
Martin Marietta	Apple (Sawyer, OK)	0050437	086, 084	029, 061	30	10	8	98	6.0*	97
Smith Buster Crushed Stone, LLC.	Byrd Pit	0050447	086, 084	029, 061	29	11	10	98	5.9*	96

- Limestones-Dolomites

LIMESTONES-DOLOMITES										
Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	CoTE	FA RSAI
Alamo Concrete	Evans Rd	1501516	085	061						2*
Alamo Concrete	Weir	1424603	086, 085	018, 061	33	25*	25	1	4.2	4*
Allen Keller Company	Molesworth Quarry	0713409	086	018	31	18	24	1		
Capitol Aggregates, LTD	Rio Medina Quarry	1516321	086, 085	018, 061	34	17	24	3		3*
Cedar Creek Stone	Pate	0914710	086, 085	018, 061	40	20*	32	20	4.5	19*
Cemex	Balcones Quarry	1504602	086, 085	018, 061	32	11	21	2	3.9	4*
Centex Materials	Ruby	1410507	086, 085	018, 061	32	17	26	0	4.2	1*
Chanas Aggregate Blanco, LLC	Johnson City Quarry	1401601	086	019	25	4	11	0	5.2	
Colorado Materials	Hunter	1504605	086, 085	018, 061	32	18	24	2	4.0	3*
Dolese Brothers Co.	Ardmore, OK	0050412	086, 085	018, 061	28	16	17	10	4.0	8*
Dolese Brothers Co.	Coleman, OK	0050414	086, 085	019, 061	23	3	11	6	5.1	5*
Dolese Brothers Co.	Cooperton, OK	0050415	086, 085	019, 061	27	3	10	5	4.2	3*
Dolese Brothers Co.	Richards Spur	0050405	086, 085	018, 061	27	9	14	9	4.1	11*
GCC Sun City Materials LLC	McKelligon-Dolomite	2407101	086, 085	019, 061	23	9	12	17	5.1	14*
Hanson Aggregates	Burnet	1402701	086, 085	019, 061	26	3	11	0	5.1	8*

**LIMESTONES-DOLOMITES**

Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	CoTE	FA RSAI
Hanson Aggregates	Lake Bridgeport	0224902	086, 085	018, 061	29	17	20	5	3.9	4*
Hanson Aggregates	Perch-Hill	0224901	086, 085	018, 061	27	7	14	1	3.8	4*
Hanson Aggregates	Servtex	1504603	086, 085	018, 061	30	9	19	3	3.8	4*
Heartland Quarries, LLC	Heartland Quarries Pit #1	1424610	086	018	33	18	33	1	4.1	
Jobe Materials, L.P.	Ned Finney Quarry	2407120	086, 085	018, 061	29	1	11	11	3.8	1*
Lattimore Materials	Stringtown, OK	0050407	086, 084	019, 061	20	4	9	74	5.7*	71
M.T.I.	Hueco Quarry	2407125	086, 085	018, 061	31	3	12	0	4.1	2*
Martin Marietta	Beckmann	1501503	086, 085	018, 061	33	14	22	1	3.8	2*
Martin Marietta	Bridgeport	0224904	086, 085	018, 061	26	9	18	4	3.9	11*
Martin Marietta	Chambers	0224921	086, 085	018, 061	32	18	23	2	3.9	4*
Martin Marietta	Hunter Stone	1504608	086	018	29	23*	24	2		
Martin Marietta	Medina Rock & Rail	1516319	086, 085	018, 061	33	12	23	10	4.3	9*
Martin Marietta	Mill Creek, OK	0050445	086, 085	019, 061	30	7	13	6	5.0	2*
Martin Marietta	S.H. 211	1516310	086, 085	018, 061	36	16	28	3	4.0	2*
Matrimar SA de CV	Matrimar	0040108	086	019	31	4	14	7	3.7	
Oldcastle Materials Texas	Marble Falls Quarry	1402702	086, 085	019, 061	26	4	11	4	5.1	1*
Paso Del Norte Materials, LLC	Hueco Rock Quarry	2407130	086, 085	019, 061	21	16	18	42	4.5	33*
Vulcan Materials	1604	1501506	086, 085	018, 061	39	17	28	0	3.9	3*
Vulcan Materials	Brownwood	2302501	086, 085	018, 061	28	12	18	3	3.8	1*
Vulcan Materials	Calica	0040102	086, 085	018, 061	30	7	20	3	3.7	1*
Vulcan Materials	Eastland	2306705	086, 085	018, 061	30	7	19	3	3.9	2*
Vulcan Materials	Helotes	1501514	086, 085	018, 061	31	6	20	3	3.7	1*
Vulcan Materials	Huebner Rd	1501507	086, 085	018, 061	35	14	25	2	3.9	4*
Vulcan Materials	Mico	1516315	086, 085	018, 061	38	15	30	2	4.0	3*
Vulcan Materials	North Troy	0050448	086, 085	019, 061	20	9	11	4	5.1	9*
Vulcan Materials	Spicewood	1402710	086, 085	019, 061	26	5	11	8	4.6	6*
Vulcan Materials	Weatherford	0218409	086, 085	018, 061	27	10	18	3	3.8	0*

**LIMESTONES-DOLOMITES**

Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	CoTE	FA RSAI
Zack Burkett Co	Leach	0211901	086, 085	018, 061	28	14	19	4	3.7	1*
Zack Burkett Co	Mayo Pit	0325206	086	018	27	11	16	4		
Zack Burkett Co	Springfield Quarry	0211902	086, 085	018, 061	26	7	17	2	4.0	

- Gravels

**GRAVELS**

Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	CoTE	FA RSAI
Alamo Concrete	El Indio Rd	2215903	086, 084	015, 063	23	3	5	63	4.7	79
Alan Ritchey Materials	Popes Point	0050449	084	063						72
Alleyton Resource Corp.	4L Ranch	1304536	086, 084	012, 062	25	3	6	97	6.1*	96
Alleyton Resource Corp.	Altair Plant	1304534	086, 084	012, 062	27	4	6	97	6.3*	98
Alleyton Resource Corp.	Duncan	1304543	086, 084	012, 062	28	3	5	97	6.2*	95
Alleyton Resource Corp.	Hanna's Bend	2014614	084	062						97
Alleyton Resource Corp.	Monahan	1304539	086, 084	010, 062	26	4	5	98	5.9*	98
Alleyton Resource Corp.	Potter Plant	1304541	086, 084	010, 062	26	3	3	97	6.0*	92
Alleyton Resource Corp.	Smith Plant	1304544	086, 084	012, 062	27	3	4	97		98
Alleyton Resource Corp.	Vox Plant	1304542	086, 084	012, 062	20	1	4	98	6.2*	98
Anderson Columbia Co., Inc.	AC Rio Grande Pit	2225301	086, 084	012, 062	18	3	2	91	5.2	94
Arcosa Aggregates	Anacoco Pit #1391	0050201	086, 084	012, 062	20	2	3	100	6.4*	96
Arcosa Aggregates	Asa Pit #1588	0916118	086, 084	023, 063	30	10	13	12	4.2	71
Arcosa Aggregates	Cottonwood Pit #1204	1812904	086, 084	023, 063	30	6	14	16	4.3	73
Arcosa Aggregates	Indian Village Plant #1284	0050217	084	062						95
Arcosa Aggregates	Kopperl Pit #2034	0901803	086, 084	025, 066	34	23*	27	14	4.3	75
Arcosa Aggregates	Little River	0901410	086, 084	023, 063	33	14	19	5	4.2	62



**GRAVELS**

Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	CoTE	FA RSAI
Arcosa Aggregates	Paradise Pit #1390	0224919	084	062						93
Arcosa Aggregates	Rye #1144	2014604	084	062						95
Austin Aggregates	Hergotz Plant	1422714	086, 084	025, 063	30	10	15	31	4.5	81
Big Creek Construction	Mitchell Pit	0907301	086, 084	025, 063	28	8	12	15	4.2	85
Big Creek Construction	Young	0907302	086, 084	023, 063	28	5	11	5	4.4	88
Big Creek Sand & Gravel, Inc.	Big Creek	0411707	086, 084	012, 062	30	8	12	90	5.8*	92
Capitol Aggregates, Ltd.	Austin River Plant	1422715	086, 084	025, 063	29	8	14	16	4.8	85
Capitol Aggregates, Ltd.	Hoban	0619502	086, 084	033, 064	19	6	9	100	4.5	98
Capitol Aggregates, Ltd.	Medina River S&G	1516318	086, 085	023, 060	27	2	12	11	3.8	9*
Capitol Aggregates, Ltd.	Poteet Sand Plant	1500706	084	062						96
Chanas Aggregates, LLC	Eagle's Nest Mine	1415001	086, 084	023, 062	35	7	13	48		90
Collier Materials, Inc.	Llano Plant	1415003	086, 084	023, 062	34	6	10	43		93
Cossatot Rock, LLC	Cossatot Rock	0050125	086	012	24	8	8	99	6.0*	
Crockett County Mining	Plant # 1	0618607	086, 084	013, 063	21	6	10	54	4.9	71
Crockett County Mining	Plant # 2	0623802	084, 086	023, 063	22	3	8	47	4.7	65
Crockett S & G	Crockett	1111304	084	062						95
Curry S & G	Eastland	2306704	084	063						84
Dead River Ranch Materials, LLC.	Riesel S&G Plant #1	0916122	086, 084	023, 063	30	14	14	4	4.2	81
E & A Materials, Inc.	Vernon Plant	0324403	084	063						92
E & A Materials, Inc.	Waurika/Temple	0050406	084	063						89
Fordyce Co.	Briggs	1323501	086, 084	012, 062	18	2	3	90	6.2*	95
Fordyce Co.	Murphy	1323505	086, 084	015, 063	21	4	4	87	6.2*	91
Fordyce Co.	Showers	2110804	086, 084	015, 066	20	9	8	90	5.9*	69
Freddie Harris, Inc.	Star	1501517	084	062						96
GCC Sun City Materials LLC	Section 10	2407116	084	063						78
GCC Sun City Materials LLC	West Quarry	2407128	086	024	21	2	10	19		
Granbury Materials, LLC.	Pit # 1	0211104	084	062						97

**GRAVELS**

Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	CoTE	FA RSAI
H & B Materials, LLC.	Horseshoe Bend Pit	0916120	086, 084	023, 063	31	*	24	8	4.1	66
Hallett Materials	Porter	1217007	084	062						98
Hanson Aggregates	Arena	1304509	086, 084	012, 062	23	1	4	100	6.1*	96
Hanson Aggregates	Bristol Pit #2	1807006	086, 084	023, 063	30	6	12	18	4.0	63
Hanson Aggregates	Bristol Plant	1807004	086, 084	023, 063	30	5	14	12	4.1	66
Hanson Aggregates	Brookshire	1207903	086, 084	013, 063	24	5	6	90	6.0*	94
Hanson Aggregates	Eagle Lake	1304505	086, 084	012, 062	24	2	4	97	6.2*	95
Hanson Aggregates	Little River	0050114	086, 084	012, 062	29	7	6	100	6.0*	98
Hanson Aggregates	Whitney	0910901	086, 084	023, 063	32	25*	17	40	4.4	67
Hanson Aggregates	Woodlands	1217006	086, 084	012, 062	21	1	3	99	6.2*	99
Ingram Enterprises	Rainbow	0221305	086, 084	023, 063	29	16	19	33	4.4	77
Ingram Enterprises	Sanco-Bronte	0704111	086, 084	023, 063	25	2	9	18	4.2	75
Ingram Ready Mix	Del Rio	2223301	086, 085	025, 068	28	5	11	32	4.2	48*
Ingram Ready Mix	Hondo	1516308	086, 085	025, 065	31	6	19	1	3.8	0*
J. Lee Milligan	Sawyer	0406510	086, 084	013, 062	34	18	17	61	5.6*	76
Jobe Materials, L.P.	Avispa Canyon	2407129	086	022	28	2	12	3	4.0	
Jobe Materials, L.P.	Dyer	2407127	084	062						96
Jobe Materials, L.P.	Hitt Canyon	2407124	086	025	24	6	12	19	4.7	
Jobe Materials, L.P.	Section 14	2407123	084	068						96
King Ready Mix Concrete, Inc.	Kerens Pit	1817510	086, 084	023, 066	37	8	10	41		73
Kline Materials	Harrel Plant	0050450	084	062						91
Knife River, Corp	River Bend Pit	1702105	084	063						85
Lattimore Materials	Ambrose	0109101	084	062						89
Lattimore Materials	Glen Rose	0221307	086, 084	023, 063	28	13	15	12		66
Lattimore Materials	Rosser	1812903	084	066						72
Leward Anders & Sons, Inc.	Blankenburg	1307513	084	062						96
Liberty Materials, Inc.	Conroe Plant	1217013	084	062						97

**GRAVELS**

Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	CoTE	FA RSAI
Liberty Materials, Inc.	Moorhead Wet Plant	1217016	084	062						96
Liberty Materials, Inc.	Moss Hill Plant	1214618	084	062						98
M.T.I.	Clint Sand Plant	2407126	084	062						95
<b>M.T.I.</b>	<b>Rachel's Sandpit</b>	<b>2407131</b>	<b>084</b>	<b>062</b>						<b>95</b>
Martin Marietta	Bells/Savoy	0050442	084	063						77
Martin Marietta	Broken Bow S&G	0050451	086, 084	012	27	9	10	97	6.0*	96
Martin Marietta	Garfield Plant	1422709	086, 084	023, 063	29	5	11	25	4.7	85
Martin Marietta	Garwood	1304532	086, 084	012, 062	22	1	4	99	6.2*	98
Martin Marietta	Kerrville Sand & Gravel	1513307	086, 084	023, 060	32	14	25	7		8*
Martin Marietta	Poteet	1500703	084	062						97
Martin Marietta	Tin Top	0218407	086, 084	025, 063	26	5	14	7	4.5	81
Martin Marietta	Webberville	1422712	086, 084	025, 063	30	6	10	30	4.7	90
McGraw Materials	Telephone	0107401	084	062						93
Mine Services, LTD	Pit 424	1716611	086, 084	025, 063	31	6	12	15		63
<b>Monarch Mtn. Minerals &amp; Aggrs.</b>	<b>Houm</b>	<b>1223701</b>	<b>084</b>	<b>063</b>						<b>85</b>
Multisources, Ltd.	Adamcek (Plant #1)	1307503	086, 084	010, 062	28	3	4	94	5.9*	97
Multisources, Ltd.	Ellinger (Plant #3)	1307509	086, 084	012, 062	26	3	4	91	5.9*	95
Multisources, Ltd.	Plant #6, Beane	1304538	086, 084	012, 062	25	2	4	98	6.1*	99
Multisources, Ltd.	Plant #8, Eagle Lake	1304540	084	062						96
Multisources, Ltd.	Plant #9, Cleveland	2014615	084	062						97
Multisources, Ltd.	Plant 10	1217014	084	062						99
Multisources, Ltd.	Wegenhoft (Plant #7)	1307512	086, 084	012, 062	28	3	3	78	6.1*	93
N-Tex Sand & Gravel, LLC	Savoy	0107402	084	062						92
Palo Alto Sand, Inc.	Plant #2	1500702	084	062						95
Permian Basin Materials	Damron-Long Pit	0515201	084	063						74
R.E. Janes Gravel Co.	South Noodle	0812703	086, 084	025, 063	29	10	18	23	4.2	62
R.E. Janes Gravel Co.	Woods	0505402	086, 084	063						64

**GRAVELS**

Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	CoTE	FA RSAI
Redi-Mix Concrete	Redi-Mix Sand & Gravel	1817507	086, 084	023, 063	30	8	15	0	4.3	71
Resolve Aggregates, LLC	Ravenna Plant	0107403	084	063						89
River Aggregates	242 Plant	1217017	084	062						98
River Aggregates	Romayor Plant	2014617	084	062						99
Rogers Group Inc.	West Amarillo	0418001	086, 084	015, 063	31	12	16	75	5.5	87
Sam Sand, LLC	Garland	0050126	084	062						98
Southern Crushed Concrete	Liberty Ranch	2014620	084	062						95
Southern Crushed Concrete	Quality Mtrls 1488 Plant	1217015	084	062						99
Southwest Aggregates	Knippa	1523209	086, 085	025, 065	24	2	10	14	4.2	21*
Southwestern State	Southwestern State Sand	0050436	084	062						94
Starr Aggregates, LLC	Alto Bonito	2121401	086, 084	015, 063	22	10	8	90	5.6*	82
Texas Aggregates, LLC	Bastrop	1401103	086, 084	013, 062	29	3	7	60	5.5	88
Texas Aggregates, LLC	La Grange	1307508	086, 084	012, 062	28	2	5	92	6.0*	94
Texas Concrete Sand & Gravel	FM 1010 Pit	2014619	084	063						98
Texas Concrete Sand & Gravel	Plant 2	2014621	084	062						97
Texas Materials	Garfield Plant	1422716	084	063						89
Texas Sand & Gravel	Kritser-Fain	0418812	086, 084	015, 063	32	10	11	74	5.4	84
Travis Materials Group, LTD	Travis Materials	1401104	086, 084	024, 063	25	5	9	35		87
Tri County Mtrls & Services	Sanger	1806106	085	060						44*
Triple PG Sand Development	Triple PG Sand	1210103	084	062						97
Troy Vines	Vines	0623805	086, 084	023, 063	21	4	9	37	4.6	66
Upper Valley Materials	Las Viboras	2110805	086, 084	015, 066	19	10	8	84	5.8*	76
Valley Caliche	Beck	2110801	086, 084	015, 066	23	15	11	71	5.7*	66
Vulcan Materials	Simonton S&G	1300807	084	062						92
Wooten Sand & Gravel	Wooten Sand & Gravel	0050127	084, 086	012, 062	27	5	4	99	6.5*	99
Wright Materials	FM 3088	1617807	086, 084	015, 062	21	14	9	84	6.0*	87
Wright Materials	Realitos	2206601	086, 084	012, 062	18	1	2	99	5.9*	97

**GRAVELS**

Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	CoTE	FA RSAI
XIT Sand & Gravel, LLC	XIT S & G Pit	0418010	086, 084	015, 062	29	6	7	92	5.5	94
Yarrington Road Materials	Yarrington #1	1422711	086, 085	022, 061	30	19*	24	3	3.9	5*
Zack Burkett Co.	Smith	0325205	084	063						80

- *Igneous Rocks*

**IGNEOUS**

Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	CoTE	FA RSAI
Jobe Materials, L.P.	Padre Canyon	2411513	086, 084	051, 061	32	9	11	91	4.7	94
Jobe Materials, L.P.	Vado Quarry	0050314	086	032	26	5	12	98	4.4	
Martin Marietta	Mill Creek (Grnt), OK	0050433	086, 084	051, 061	32	4	8	99	4.7	97
Martin Marietta	Snyder, OK	0050435	086, 084	051, 061	25	1	4	98	4.6	94

- *Lightweight*

**LIGHTWEIGHT**

Producer Information					Ratings					
					Coarse Aggregate					Fine Aggregate
Producer	Quarry	Producer Code	Product Code	Material Code	RSLA	RSSM	RSMD	CA RSAI	CoTE	FA RSAI
Arcosa Lightweight	Streetman	1817502	086	048	32	8	35	97	4.8	