

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

Sampled / Tested Material			
Matl. Name	Matl. Cd.	Spec.	Tst. Meth.
HC Conc Aggregate No 57, Coarse	aggr057	701.06	C94032

Producer/Supplier Name	P/S Code	Geog. Area	Pit Num.
APAC Central Midland Quarry (Midland, AR)	m011207919	Arkansas	7919

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Sandstone	9800751805311155	5/31/2018	1	97	2.496	1.7	2.538	34		93		9.2
Sandstone	9800721712051145	12/5/2017	1		2.497	1.7	2.539	32				10.0
			Number of Tests:	1	2	2	2	2		1		2
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	97	2.497	1.7	2.539	33		93		9.6

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E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
APAC-Central #003 Avoca, AR	m007137913	Arkansas	7913

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9420021302271300	4/18/2013	1	95	2.484	2.5	2.547	22				16.8
			Number of Tests:	1	1	1	1	1				1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	95	2.484	2.5	2.547	22				16.8

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E	L A Abrasion (%) T96
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<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
APAC-Central #006 Sharps Quarry @ Lowell, AR	m007127914	Arkansas	7914

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9620461601281015	1/28/2016	IAS 1	95	2.574	1.4	2.610	35		29		13.5
Limestone	9420021302271150	4/4/2013	1	93	2.550	1.9	2.598	24		60		14.0
Number of Tests:				2	2	2	2	2		2		2
Last 3 Tests Avg.:												
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				94	2.562	1.7	2.604	30		45		13.8

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<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
APAC-Central #013 Preston Quarry (Van Buren, AR)	m001297903	Arkansas	7903

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Sandstone	9440081908191430	8/19/2019	1	95	2.497	1.9	2.544	33		83		12.3
Sandstone	9621531608231100	8/23/2016	1	92	2.514	1.6	2.555	30		93		11.0
		Number of Tests:		2	2	2	2	2		2		2
		Last 3 Tests Avg.:										
		Last 5 Tests Avg.:										
		Last 10 Tests Avg.:										
		Total Avg.:		94	2.506	1.8	2.550	32		88		11.7

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H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
APAC-Central #014 (Jenny Lind, AR)	m001287902	Arkansas	7902

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Sandstone	9440081908191330	8/19/2019	1	98	2.563	1.1	2.592	23		88		5.2
Sandstone	9621531608251145	8/25/2016	1	94	2.551	1.2	2.582	22		93		8.9
Number of Tests:				2	2	2	2	2		2		2
Last 3 Tests Avg.:												
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				96	2.557	1.2	2.587	23		91		7.1

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<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Benton County Stone (Gravette, AR)	m001527907	Arkansas	7907

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9434281510210859	10/22/2015	1	99	2.670	0.6	2.687	29		94		26.9
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	99	2.670	0.6	2.687	29		94		26.9

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<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Hanson Aggregates (Wilton, AR)	m009167916	Arkansas	7916

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Gravel	9800751806201055	6/20/2018	1	102	2.546	0.8	2.568	25				3.2
			Number of Tests:	1	1	1	1	1				1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	102	2.546	0.8	2.568	25				3.2

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<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
River Valley Backbone Quarry (Midland, AR)	m010917917	Arkansas	7917

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Sandstone	9440081908191250	8/19/2019	1	98	2.584	1.2	2.614	23		89		17.6
Sandstone	9434281020160830	10/20/2016	1	93	2.521	1.6	2.561	29				11.9
Number of Tests:				2	2	2	2	2		1		2
Last 3 Tests Avg.:												
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				96	2.553	1.4	2.588	26		89		14.8

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<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
River Valley Lavaca Quarry (Lavaca, AR)	m010927918	Arkansas	7918

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Sandstone	9434281020160950	10/20/2016	1	99	2.495	1.7	2.537	29				11.2
			Number of Tests:	1	1	1	1	1				1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	99	2.495	1.7	2.537	29				11.2

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<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Dolese Co (Coleman, OK)	m002710302	Atoka Co.	0302

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Dolomite	9440081910161120	10/16/2019	1	100	2.774	0.3	2.784	22		94		10.3
Dolomite	9434241405211000	5/21/2014	1	104	2.784	0.4	2.795	19	5.05	70		9.1
Number of Tests:				2	2	2	2	2		2		2
Last 3 Tests Avg.:												
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				102	2.779	0.4	2.790	21		82		9.7

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<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Lattimore Materials Corp. (Stringtown, OK)	m002630301	Atoka Co.	0301

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Chert	9440081908281145	8/28/2019	1	94	2.554	0.9	2.578	19		73		6.3
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	94	2.554	0.9	2.578	19		73		6.3

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H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Mid-States Materials Atoka Quarry (Atoka, OK)	m009800306	Atoka Co.	0306

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Cherty Limestone	9426291704191301	6/26/2018	1	92	2.557	1.0	2.582	20		94		6.3
Cherty Limestone	9426291704191300	4/20/2017	1	92	2.557	1.0	2.582	20				6.3
Number of Tests:				2	2	2	2	2		1		2
Last 3 Tests Avg.:												
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				92	2.557	1.0	2.582	20		94		6.3

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<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Dolese Co (Ardmore, OK)	m002701001	Carter Co.	1001

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9434241405150945	5/15/2014	1	99	2.640	0.9	2.664	26				10.1
			Number of Tests:	1	1	1	1	1				1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	99	2.640	0.9	2.664	26				10.1

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C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
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H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
APAC-Central #016 (Roberts Quarry @ Zeb, OK)	m001301102	Cherokee Co.	1102

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9838861805170921	6/26/2018	1	102	2.675	0.6	2.691	29		93		17.0
Limestone	9838861805170920	5/17/2018	1	102	2.675	0.6	2.691	29				17.0
Limestone	9426291702231030	2/23/2017	1	96	2.655	0.9	2.678	26		18		17.5
Number of Tests:				4	4	4	4	4		3		4
Last 3 Tests Avg.:				100	2.668	0.7	2.687	28		55		17.2
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				100	2.670	0.7	2.687	28		55		17.5

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<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Kemp Stone Hulbert South (Hulbert, OK)	m008841107	Cherokee Co.	1107

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9440082001071355	1/7/2020	1	99	2.671	0.8	2.692	32		93		19.7
Limestone	9838861805171005	5/17/2018	1	101	2.634	1.0	2.659	30		95		20.0
Limestone	9434281701311115	1/31/2017	1	102	2.654	0.7	2.673	29		86		19.2
Number of Tests:				3	3	3	3	3		3		3
Last 3 Tests Avg.:				101	2.653	0.8	2.675	30		91		19.6
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				101	2.653	0.8	2.675	30		91		19.6

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<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Martin-Marietta (Sawyer, OK)	m002311206	Choctaw Co.	1206

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Sandstone	9434241505071045	5/7/2015	1	93	2.490	1.8	2.534	27		96		6.6
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	93	2.490	1.8	2.534	27		96		6.6

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Smith-Buster Crushed Stone (Sawyer, OK)	m006381210	Choctaw Co.	1210

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Sandstone	9434241505071150	5/7/2015	1	95	2.495	1.7	2.536	24		96		6.7
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	95	2.495	1.7	2.536	24		96		6.7

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Carder, Inc. (Lamar, CO)	m007118106	Colorado	8106

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Gravel	9420021303061010	3/6/2013	1	101	2.554	1.3	2.587	31				9.0
			Number of Tests:	1	1	1	1	1				1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	101	2.554	1.3	2.587	31				9.0

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<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Powers Aggregate West Farm Pit (Lamar, CO)	m010578112	Colorado	8112

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Gravel	9434281506221250	7/7/2015	1	101	2.595	0.9	2.619	32				7.3
			Number of Tests:	1	1	1	1	1				1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	101	2.595	0.9	2.619	32				7.3

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Dolese Co. (Richards Spur, OK)	m002761601	Comanche Co.	1601

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9440080906211300	6/21/2019	1	99	2.665	0.6	2.681	26		92		13.0
Limestone	9800721710241200	10/24/2017	1	95	2.678	0.4	2.683	27				11.7
Limestone	9420021301230935	1/23/2013	1	96	2.673	0.5	2.688	26	3.92	62		15.0
Number of Tests:				3	3	3	3	3		2		3
Last 3 Tests Avg.:				97	2.672	0.5	2.684	26				13.2
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				97	2.672	0.5	2.684	26		77		13.2

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
APAC-Central #020 (J-6 Quarry @ Vinita, OK)	m001241802	Craig Co.	1802

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Cherty Limestone	9800721807051145	7/5/2018	1	97	2.549	1.8	2.594	27		84		22.0
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	97	2.549	1.8	2.594	27		84		22.0

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u> Quapaw Co. (Drumright, OK)	<u>P/S Code</u> m002781901	<u>Geog. Area</u> Creek Co.	<u>Pit Num.</u> 1901
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Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Dolomite	9620781604201330	4/20/2016	1	104	2.715	0.7	2.734	21		95		13.0
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	104	2.715	0.7	2.734	21		95		13.0

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u> Kline Sand (Camargo, OK)	<u>P/S Code</u> m005932206	<u>Geog. Area</u> Dewey Co.	<u>Pit Num.</u> 2206
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Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Gravel	9625241607120945	7/12/2016	IAS 1	99	2.626	0.6	2.643	31		95		6.8
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	99	2.626	0.6	2.643	31		95		6.8

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Martin Marietta Mill Creek Limestone	m005253504	Johnston Co.	3504

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Dolomite	9438861906061030	6/6/2019	1	105	2.799	0.5	2.813	26		96		12.0
Dolomite	9800721706081000	6/8/2017	1	109	2.790	0.6	2.805	27		92		12.3
Limestone	9420021307021000	7/2/2013	1	108	2.786	0.6	2.801	23		66		12.6
Number of Tests:				3	3	3	3	3		3		3
Last 3 Tests Avg.:				107	2.792	0.6	2.806	25		85		12.3
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				107	2.792	0.6	2.806	25		85		12.3

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Martin-Marietta Mill Creek Granite	m002303502	Johnston Co.	3502

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Granite	9438861906061130	6/6/2019	1	99	2.630	0.5	2.643	25		95		7.0
Granite	9420021307021050	7/8/2013	1	99	2.730	0.6	2.746	20		76		6.1
		Number of Tests:		2	2	2	2	2		2		2
		Last 3 Tests Avg.:										
		Last 5 Tests Avg.:										
		Last 10 Tests Avg.:										
		Total Avg.:		99	2.680	0.6	2.695	23		86		6.6

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Vulcan Materials Co. (North Troy, OK)	m007003506	Johnston Co.	3506

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9440081908011115	8/1/2019	1	99	2.652	2.0	2.706	20				10.7
			Number of Tests:	1	1	1	1	1				1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	99	2.652	2.0	2.706	20				10.7

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Midwest Minerals Neodesha Quarry (Neodesha, KS)	m011838027	Kansas	8027

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9440081909041155	9/4/2019	1	95	2.573	1.6	2.614	37		90		21.2
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	95	2.573	1.6	2.614	37		90		21.2

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Whitaker Aggregates Inc (Cedar Vale, KS)	m002038010	Kansas	8010

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
	9434281701241000	1/31/2017	1	97	2.535	2.1	2.588	29				24.9
			Number of Tests:	1	1	1	1	1				1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	97	2.535	2.1	2.588	29				24.9

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Dolese Co (Cooperton, OK)	m002723801	Kiowa Co.	3801

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9800751806211050	6/21/2018	1	98	2.728	0.6	2.745	26		91		11.0
Limestone	9800721710261130	10/26/2017	1	99	2.714	0.6	2.731	26				
Limestone	9434241409030955	9/3/2014	1	101	2.707	0.4	2.719	25				9.0
Number of Tests:				3	3	3	3	3		1		2
Last 3 Tests Avg.:				99	2.716	0.5	2.732	26				
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				99	2.716	0.5	2.732	26		91		10.0

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Dolese Co. (Roosevelt, OK)	m010483804	Kiowa Co.	3804

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Gabbro	9434241502061015	2/6/2015	1	103	2.800	0.2	2.810	34		93		9.6
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	103	2.800	0.2	2.810	34		93		9.6

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u> Martin-Marietta (Snyder, OK)	<u>P/S Code</u> m002323802	<u>Geog. Area</u> Kiowa Co.	<u>Pit Num.</u> 3802
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Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Granite	9625951607131230	7/13/2016	IAS 1	95	2.617	0.4	2.627	21		98		2.5
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	95	2.617	0.4	2.627	21		98		2.5

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Western Aggregates, LLC (Carnegie, OK)	m006583803	Kiowa Co.	3803

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9434861905151130	5/15/2019	1	96	2.679	0.5	2.691	24		92		10.0
Limestone	9800751806211150	6/21/2018	1	98	2.704	0.3	2.713	24				10.0
Limestone	9434241402110935	2/11/2014	1	98	2.699	0.3	2.707	24	3.99			9.4
Number of Tests:				3	3	3	3	3		1		3
Last 3 Tests Avg.:				97	2.694	0.4	2.704	24				9.8
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				97	2.694	0.4	2.704	24		92		9.8

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u> APAC-Central #018 (Spiro, OK)	<u>P/S Code</u> m002484003	<u>Geog. Area</u> Le Flore Co.	<u>Pit Num.</u> 4003
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Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Sandstone	9620461601191000	1/19/2016	1	92	2.449	2.5	2.510	33		92		17.0
Sandstone	9434241404291245	4/30/2014	1	92	2.466	2.3	2.522	30				13.9
		Number of Tests:		2	2	2	2	2		1		2
		Last 3 Tests Avg.:										
		Last 5 Tests Avg.:										
		Last 10 Tests Avg.:										
		Total Avg.:		92	2.458	2.4	2.516	32		92		15.5

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Eastern Oklahoma Quarries, LLC (Howe, OK)	m009054006	Le Flore Co.	4006

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Sandstone	9434241308160840	8/22/2013	1	93	2.433	2.3	2.490	33		94		22.6
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	93	2.433	2.3	2.490	33		94		22.6

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Rock-It Natural Stone Inc. (Wister, OK)	m010254007	Le Flore Co.	4007

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Sandstone	9434241404291010	4/30/2014	1	96	2.523	1.9	2.572	29				27.0
			Number of Tests:	1	1	1	1	1				1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	96	2.523	1.9	2.572	29				27.0

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u> Pryor Stone (Adair, OK)	<u>P/S Code</u> m010084910	<u>Geog. Area</u> Mayes Co.	<u>Pit Num.</u> 4910
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Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9434241309250900	9/25/2013	1	96	2.499	2.3	2.557	43				35.7
			Number of Tests:	1	1	1	1	1				1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	96	2.499	2.3	2.557	43				35.7

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Pryor Stone A and C Ledge (Pryor, OK)	m004414901	Mayes Co.	4901

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Sandy Limestone	9440082001071240	1/7/2020	1	96	2.631	0.9	2.655	20		82		15.6
Limestone	9434241405081010	5/8/2014	1	97	2.607	1.3	2.607	21	4.76	77		17.9
Limestone	9434241309250925	9/25/2013	1	96	2.597	1.5	2.636	22		81		22.8
Number of Tests:				3	3	3	3	3		3		3
Last 3 Tests Avg.:				96	2.612	1.2	2.633	21		80		18.8
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				96	2.612	1.2	2.633	21		80		18.8

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u> Martin-Marietta (Eagletown, OK)	<u>P/S Code</u> m001374502	<u>Geog. Area</u> McCurtain Co.	<u>Pit Num.</u> 4502
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Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Gravel	9434281509031146	9/4/2015	1	99	2.560	1.1	2.588	24		98		7.3
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	99	2.560	1.1	2.588	24		98		7.3

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Dolese Co (Davis, OK)	m002745002	Murray Co.	5002

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9438861904091100	4/9/2019	1	101	2.678	0.5	2.692	26		91		12.0
Limestone	9622411607080800	7/8/2016	1	99	2.664	0.6	2.680	27				13.0
		Number of Tests:		2	2	2	2	2		1		2
		Last 3 Tests Avg.:										
		Last 5 Tests Avg.:										
		Last 10 Tests Avg.:										
		Total Avg.:		100	2.671	0.6	2.686	27		91		12.5

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Hanson Aggregates WRP, Inc. (Davis, OK)	m001985008	Murray Co.	5008

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Rhyolite	9438861904091400	4/9/2019	1	97	2.667	0.9	2.692	14		95		7.0
Rhyolite	9400431307110940	7/11/2013	1	99	2.692	1.0	2.718	11		83		9.3
		Number of Tests:		2	2	2	2	2		2		2
		Last 3 Tests Avg.:										
		Last 5 Tests Avg.:										
		Last 10 Tests Avg.:										
		Total Avg.:		98	2.680	1.0	2.705	13		89		8.2

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u> Martin Marietta Washita (Davis, OK)	<u>P/S Code</u> m001255007	<u>Geog. Area</u> Murray Co.	<u>Pit Num.</u> 5007
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Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9440081909031030	9/5/2019	1	100	2.610	1.3	2.645	26		61		19.0
Limestone	9838861902210900	2/21/2019	1	99	2.587	1.5	2.626	25		16		16.9
Limestone	9420021307110820	7/12/2013	1	102	2.625	1.1	2.654	19		91		23.1
Number of Tests:				3	3	3	3	3		3		3
Last 3 Tests Avg.:				100	2.607	1.3	2.642	23		56		19.7
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				100	2.607	1.3	2.642	23		56		19.7

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u> Martin-Marietta (Davis, OK)	<u>P/S Code</u> m002285005	<u>Geog. Area</u> Murray Co.	<u>Pit Num.</u> 5005
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Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9438861904091300	4/9/2019	1	99	2.666	0.6	2.682	27		80		10.0
Limestone	9622411607080920	7/8/2016	1	101	2.663	0.6	2.677	27		87		10.9
Number of Tests:				2	2	2	2	2		2		2
Last 3 Tests Avg.:												
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				100	2.665	0.6	2.680	27		84		10.5

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Candy Creek Quarry (Skiatook, OK)	m010545707	Osage Co.	5707

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9434241504100950	4/10/2015	1	97	2.635	1.3	2.668	31		84		18.9
Number of Tests:				1	1	1	1	1		1		1
Last 3 Tests Avg.:												
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				97	2.635	1.3	2.668	31		84		18.9

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Kemp Stone (Fairland, OK)	m002185807	Ottawa Co.	5807

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9440082001071040	1/7/2020	1	96	2.577	1.8	2.624	27		30		34.1
Limestone	9434241412111055	12/11/2014	1	96	2.590	1.5	2.629	28		69		18.7
Number of Tests:				2	2	2	2	2		2		2
Last 3 Tests Avg.:												
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				96	2.584	1.7	2.627	28		50		26.4

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Dolese Co (Hartshorne, OK)	m002756101	Pittsburg Co.	6101

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9420021404041030	4/4/2014	2	95	2.647	0.7	2.667	21				10.0
			Number of Tests:	1	1	1	1	1				1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	95	2.647	0.7	2.667	21				10.0

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Anchor Stone (Owasso, OK)	m001156603	Rogers Co.	6603

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9434241312121040	12/12/2013	1	98	2.590	1.6	2.630	32		56		20.1
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	98	2.590	1.6	2.630	32		56		20.1

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u> APAC Central (Oologah, OK)	<u>P/S Code</u> m010246607	<u>Geog. Area</u> Rogers Co.	<u>Pit Num.</u> 6607
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Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9625951607071200	7/7/2016	IAS 1	95	2.615	1.0	2.642	28		85		18.8
Limestone	9434241404230930	4/23/2014	1	96	2.561	1.7	2.604	31	3.86	52		20.9
			Number of Tests:	2	2	2	2	2		2		2
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	96	2.588	1.4	2.623	30		69		19.9

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Greenhill Materials Co. (Catoosa, OK)	m001956605	Rogers Co.	6605

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9434241312120950	12/12/2013	1	93	2.511	2.3	2.570	30	4.03			23.3
			Number of Tests:	1	1	1	1	1	1			1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	93	2.511	2.3	2.570	30	4.03			23.3

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Hanson Mountain Quarry (Sallisaw, OK)	m009726806	Sequoyah Co.	6806

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Sandstone	9838861808281100	8/28/2018	1	93	2.507	2.0	2.557	36				15.6
Sandstone	9420021404021130	4/2/2014	1	90	2.454	2.4	2.512	41		62		22.0
Number of Tests:				2	2	2	2	2				2
Last 3 Tests Avg.:												
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				92	2.481	2.2	2.535	39				18.8

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Souter Construction Co. (Gore, OK)	m002556801	Sequoyah Co.	6801

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9838861902121215	2/12/2019	1	102	2.633	1.1	2.661	38				17.6
			Number of Tests:	1	1	1	1	1				1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	102	2.633	1.1	2.661	38				17.6

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Big Creek Sand & Gravel (Sanford, TX)	m001617806	Texas (State)	7806

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Gravel	9440081912041250	12/4/2019	1	101	2.638	0.5	2.650	29		93		8.3
Gravel	9438861907311130	7/31/2019	2a	100	2.650	0.3	2.658	30				5.0
Gravel	9438861907101120	7/10/2019	1	99	2.634	0.5	2.648	32				6.0
Number of Tests:				4	4	4	4	5		1		4
Last 3 Tests Avg.:				100	2.641	0.4	2.652	30				6.4
Last 5 Tests Avg.:								32				
Last 10 Tests Avg.:												
Total Avg.:				100	2.639	0.4	2.650	32		93		6.7

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Hanson Aggr (SERVTEX Quarry) New Braunfels, TX	m007787823	Texas (State)	7823

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9420021303051600	3/5/2013	1	99	2.542	1.6	2.584	29		72		
			Number of Tests:	1	1	1	1	1		1		
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	99	2.542	1.6	2.584	29		72		

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Vulcan Const. Materials, L.P. (Helotes, TX)	m008737829	Texas (State)	7829

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9420021303060800	7/1/2014	1	92	2.487	2.0	2.539	29		78		
			Number of Tests:	1	1	1	1	1		1		
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	92	2.487	2.0	2.539	29		78		

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Vulcan Const. Materials, L.P. (San Antonio, TX)	m008727828	Texas (State)	7828

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9420021303061005	3/6/2013	1	101	2.593	2.6	2.670	30		77		
			Number of Tests:	1	1	1	1	1		1		
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	101	2.593	2.6	2.670	30		77		

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
XIT Sand & Gravel (Channing, TX)	m008077825	Texas (State)	7825

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Gravel	9838861805031246	6/26/2018	1	99	2.617	0.7	2.635	29		98		5.9
Gravel	9838861805031245	5/3/2018	1	99	2.617	0.7	2.635	29				5.9
Gravel	6230911801181100	1/18/2018	1	101	2.630	0.5	2.644	9				6.0
Number of Tests:				3	3	3	3	3		1		3
Last 3 Tests Avg.:				100	2.621	0.6	2.638	22				5.9
Last 5 Tests Avg.:												
Last 10 Tests Avg.:												
Total Avg.:				100	2.621	0.6	2.638	22		98		5.9

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
APAC-Central #017 (Okay, OK)	m001337302	Wagoner Co.	7302

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limy Sandstone	9440082001071455	1/7/2020	1	92	2.559	1.8	2.604	18		83		15.5
Limy Sandstone	9434281508251020	11/16/2015	1	87	2.526	1.8	2.573	17		95		10.0
		Number of Tests:		2	2	2	2	2		2		2
		Last 3 Tests Avg.:										
		Last 5 Tests Avg.:										
		Last 10 Tests Avg.:										
		Total Avg.:		90	2.543	1.8	2.589	18		89		12.8

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u> APAC-Central #064 (Dewey, OK)	<u>P/S Code</u> m001487403	<u>Geog. Area</u> Washington Co.	<u>Pit Num.</u> 7403
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Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9620811601271430	1/27/2016	1	100	2.639	1.6	2.680	39		93		16.0
			Number of Tests:	1	1	1	1	1		1		1
			Last 3 Tests Avg.:									
			Last 5 Tests Avg.:									
			Last 10 Tests Avg.:									
			Total Avg.:	100	2.639	1.6	2.680	39		93		16.0

Oklahoma Department of Transportation
(QM) HC Concrete Aggregate, Coarse
 Test Data Report

Description of Test Result Indicators	
Ind.	Description
A	Unit Weight (rodded) (lb/cu. ft.) T19
B	Specific Gravity (bulk) T85
C	Absorption (%) T85
D	Specific Gravity (SSD) T85
E	L A Abrasion (%) T96
F	Coeff. of Thermal Expansion T336
G	Freeze Thaw (%) T161
*	Previous test result entered for Freeze Thaw
H	Micro-Deval (%) T327

<u>Producer/Supplier Name</u>	<u>P/S Code</u>	<u>Geog. Area</u>	<u>Pit Num.</u>
Bison Matls Dewey Quarry (Bartlesville, OK)	m008957409	Washington Co.	7409

Aggr. Type	Smpl. ID	Smpl. Date	Smpl. Tst. Nbr.	A	B	C	D	E	F	G	*	H
Limestone	9840081811161130	11/16/2018	1	100	2.638	1.3	2.672	24		85		20.0
Limestone	9800721706291045	6/29/2017	1	102	2.669	0.9	2.693	23		87		14.8
Limestone	9434281603081115	3/8/2016	1	100	2.635	1.2	2.667	24				17.0
		Number of Tests:		4	4	4	4	4		3		4
		Last 3 Tests Avg.:		101	2.647	1.1	2.677	24		76		17.3
		Last 5 Tests Avg.:										
		Last 10 Tests Avg.:										
		Total Avg.:		101	2.648	1.2	2.679	24		76		18.0