

ALABAMA DEPARTMENT OF TRANSPORTATION

LIST I-1

SOURCES OF COARSE AND FINE AGGREGATES

APPROVED: March 8, 1988

REVISED: September 7, 2021

ASPHALT PLANT MIX SAND

TYPE I

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIV. NUMBER	UNCOMPACTED VOIDS* %
0041 (10149)	WIREGRASS CONSTRUCTION INC LAMBERT MATLS - HICKORY BEND PIT SHORTER, AL	1570(98)	2.634	2.647	0.5	92	42.0
0048 (10192)	MARTIN MARIETTA MATERIALS AUBURN QUARRY AUBURN, AL	1874 (117)	2.627	2.703	2.9	52	36.0
0077 (10193)	C. A. LANGFORD COMPANY, INC. GUNTERSVILLE, AL	1666(104)	2.659	2.685	0.9	72	60.6
0134 (10194)	VULCAN MATERIALS COMPANY DOLCITO QUARRY TARRANT, AL	1682(105)	2.715	2.785	2.5	86	40.0
0136 (10196)	MIDSOUTH ALEX CITY QUARRY ALEXANDER CITY, AL	1618(101)	2.549	2.614	2.5	65	42.1
0137 (10197)	VULCAN MATERIALS COMPANY OHATCHEE QUARRY OHATCHEE, AL	1826(114)	2.804	2.823	0.7	77	38.9
0140 (10198)	ROGERS GROUP, INC. MOULTON, AL SEE NOTE 5	1650(103)	2.490	2.533	1.7	69	35.5
0141 (10199)	VULCAN MATERIALS COMPANY FT PAYNE QUARRY FT PAYNE, AL	1522(95)	2.646	2.672	1.0	82	42.2

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0142 (10200)	ROGERS GROUP, INC. TUSCUMBIA, AL	1602 (100)	2.536	2.604	2.6	87	41.0
0144-L (10284)	DUNN CONSTRUCTION LONGVIEW OPERATION SAGINAW, AL	1762(110)	2.621	2.653	1.2	62	40.1
0148 (10201)	VULCAN MATERIALS COMPANY CHEROKEE QUARRY CHEROKEE, AL	1490 (93)	2.433	2.514	3.3	48	40.0
0151 (10202)	VULCAN MATERIALS COMPANY LACON QUARRY LACON, AL	1442 (90)	2.596	2.685	3.4	40	45.0
0152 (10203)	VULCAN MATERIALS COMPANY TRINITY QUARRY TRINITY, AL	1634(102)	2.506	2.581	3.0	64	39.1
0155 (10204)	VULCAN MATERIALS COMPANY CALERA QUARRY CALERA, AL	1778(111)	2.665	2.685	1.1	79	38.5
0158 (10206)	VULCAN MATERIALS COMPANY GLENCOE QUARRY GLENCOE, AL	1698(106)	2.556	2.621	2.5	60	37.4
0159 (10207)	VULCAN MATERIALS COMPANY BEARDEN QUARRY HELENA, AL	1794(112)	2.659	2.732	2.7	46	35.1
0168 (10212)	VULCAN MATERIALS COMPANY SCOTTSBORO QUARRY SCOTTSBORO, AL	1698(106)	2.652	2.687	1.3	83	58.9
0169 (10213)	VULCAN MATERIALS COMPANY TUSCUMBIA QUARRY TUSCUMBIA, AL	1618 (101)	2.505	2.577	2.9	61	49.0

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ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIV. NUMBER	UNCOMPACTED VOIDS* %
0170 (10214)	WADE SAND & GRAVEL EAST THOMAS QUARRY BIRMINGHAM, AL	1650(103)	2.505	2.606	4.0	60	33.9
0174-J (10285)	DUNN CONSTRUCTION CO FRITZ QUARRY FAIRFIELD AL SEE NOTE 5	1394(87)	2.425	2.577	6.2	60	37.8
0242 (10613)	MIDSOUTH PAVING TOCWAH PIT MONTGOMERY, AL	1570 (98)	2.642	2.651	2.7	82	42.0
0315 (10216)	MARTIN MARIETTA MATERIALS MAYLENE QUARRY MAYLENE, AL	1746(109)	2.655	2.720	2.6	74	38.3
0414 (10217)	VULCAN MATERIALS COMPANY CHILDERSBURG QUARRY CHILDERSBURG, AL	1682(105)	2.663	2.695	1.2	67	39.7
0497 (10218)	VULCAN MATERIALS COMPANY HUNTSVILLE QUARRY HUNTSVILLE, AL	1474(92)	2.622	2.654	1.2	79	40.7
0654 (10221)	MADISON MATERIALS COMPANY GUNTERSVILLE, AL	1490(93)	2.665	2.701	1.3	99	42.1
0783 (10222)	MADISON MATERIALS COMPANY SUMMIT, AL	1442(90)	2.638	2.648	0.3	52	44.5
0894 (10223)	FOLEY MATERIALS COMPANY BRICKYARD ROAD PLANT PHENIX CITY, AL	1474(92)	2.638	2.644	0.2	86	46.0

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ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIV. NUMBER	UNCOMPACTED VOIDS* %
0910 (10226)	BLUE WATER INDUSTRIES LOWER LEVEL QUARRY HUNTSVILLE, AL	1458(91)	2.585	2.626	1.5	53	43.6
0943 (10157)	MADISON MATERIALS COMPANY BLOUNTSVILLE PLANT PIT #5 BLOUNTSVILLE, AL	1378(86)	2.575	2.596	0.8	66	48.0
0995 (10158)	ELMORE SAND & GRAVEL SCOTT PIT ELMORE, AL	1490(93)	2.604	2.623	0.7	79	45.0
1405-G (10286)	MARTIN MARIETTA MATERIALS O'NEIL QUARRY SAGINAW, AL	1762(110)	2.567	2.637	2.7	62	35.0
1414 (12174)	VULCAN MATERIALS COMPANY SPEEDWAY QUARRY EASTABOGA, AL	1602(100)	2.712	2.772	2.2	66	42.2
1433 (10159)	WIREGRASS CONSTRUCTION INC. HAYDEN PIT HAYDEN, AL	1490(93)	2.569	2.596	1.0	75	41.0
1496 (12163)	S.T. BUNN CONSTRUCTION LAWRENCE MILL PIT TUSCALOOSA, AL	1522(95)	2.518	2.561	1.7	79	39.6
1504 (10236)	MARTIN MARIETTA VANCE QUARRY VANCE, AL	1586(99)	2.731	2.747	0.5	90	44.9
1549 (10237)	VULCAN MATERIALS COMPANY BESSEMER QUARRY BESSEMER, AL	1490(93)	2.577	2.668	3.5	29	41.2

ASPHALT PLANT MIX SAND							
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ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIV. NUMBER	UNCOMPACTED VOIDS* %
1577 (12172)	VULCAN MATERIALS CO COLDWATER MOUNTAIN OXFORD, AL	1602(100)	2.628	2.648	0.8	91	38.4
1581 (10165)	ALLIANCE SAND & GRAVEL CR 75 - PHIL CAMPBELL PHIL CAMPBELL, AL	1586 (99)	2.737	2.749	0.6	84	40.0
1608 (10241)	VULCAN MATERIALS COMPANY TUSCALOOSA QUARRY VANCE, AL	1634(102)	2.713	2.743	1.1	32	41.5
1612 (10243)	WIREGRASS CONSTRUCTION INC BATTLEGROUND QUARRY FALKVILLE, AL	1602 (100)	2.649	2.682	1.3	64	42.0
1616 (10245)	SRM MATERIALS MOUNT HOPE QUARRY MUSCLE SHOALS, AL	1394(87)	2.539	2.558	0.7	60	45.2
1637 (10248)	WIREGRASS CONSTRUCTION INC DRUMMOND PIT HANCEVILLE, AL SEE NOTE 3	1538(96)	2.466	2.521	2.2	27	41.0
1651 (10251)	VULCAN MATERIALS COMPANY SOUTH RUSSELLVILLE QUARRY RUSSELLVILLE, AL	1586(99)	2.452	2.554	4.1	40	39.0
1655 (10253)	WIREGRASS CONSTRUCTION INC SKYLINE QUARRY SCOTTSBORO, AL	1618(101)	2.370	2.450	3.3	72	36.3
1656 (10254)	VULCAN MATERIALS COMPANY PRIDE QUARRY TUSCUMBIA, AL	1666 (104)	2.401	2.503	4.2	51	37.4

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1678 (12196)	S.T. BUNN CONSTRUCTION TURKEY CREEK QUARRY WINFIELD, AL	1538(96)	2.463	2.528	2.6	77	37.0
1681 (12070)	COUCH AGGREGATES B&R SAND PLANT MONTGOMERY, AL	1442(90)	2.615	2.630	0.6	50	47.0
1704 (12138)	MIDSOUTH PAVING INC PUGH PIT	1297(81)	2.683	2.704	0.7	84	50.9
1709 (10260)	WIREGRASS CONSTRUCTION INC ASHVILLE QUARRY ASHVILLE, AL	1666(104)	2.559	2.613	2.1	65	38.5
1713 (10172)	WIREGRASS CONSTRUCTION INC COOSA PLANT GADSDEN, AL	1634(102)	2.582	2.600	1.0	60	44.0
1715 (12191)	VULCAN MATERIALS COMPANY POSTEL QUARRY MACON, GA	1618(101)	2.548	2.626	3.05	54	41.0
1717 (11527)	RED BLUFF SAND & GRAVEL RED BLUFF PIT PRATTVILLE, AL	1570(98)	2.524	2.562	1.5	98	38.0
1721-G (10289)	DUNN CONSTRUCTION CO. CMC QUARRY (STEEL SLAG) BIRMINGHAM, AL	1874(117)	2.950	3.101	5.1	54	39.6

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1722-H (11963)	WIREGRASS CONSTRUCTION INC US STEEL (1722-H) CULLMAN AL	1490(93)	2.622	2.644	0.8	72	44.7
1722-J (11964)	WIREGRASS CONSTRUCTION INC US STEEL(1722-J) CULLMAN AL	1506 (94)	2.501	2.608	4.3	75	41.0
1722(K) (10288)	MIDSOUTH PAVING INC 35TH STREET CRUSHER FAIRFIELD, AL	1474(92)	2.41	2.543	6	75	35.0
1723 (10263)	VULCAN MATERIALS COMPANY NOTASULGA QUARRY LOACHAPOKA, AL * Note 5	1522 (95)	2.604	2.667	2.4	62	42.0
1727 (10174)	COASTAL SAND & GRAVEL, INC. ST. ELMO, AL	1602(100)	2.628	2.637	0.4	86	41.0
1728 (10266)	VULCAN MATERIALS COMPANY LAKESHORE QUARRY BIRMINGHAM, AL	1730(108)	2.652	2.701	1.8	61	38.9
1732 (10267)	MIDSOUTH PAVING INC WEDOWEE QUARRY WEDOWEE, AL	1698(106)	2.569	2.615	1.8	81	40.3
1753 (12071)	COUCH AGGREGATES, LLC TIMBERLINE/JACKSON MINE JACKSON, AL	1634(102)	2.615	2.629	1.1	83	38.0
1758 (10269)	ROGERS GROUP, INC. LACEY'S SPRINGS, AL	1426 (89)	2.677	2.697	0.7	98	46.0

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1762 (12742)	WIREGRASS CONSTRUCTION INC LAMBERT MATLS - CALLOWAY PIT SHORTER AL	1586 (99)	2.626	2.639	0.4	94	43
1767 (10178)	FOLEY MATERIALS COMPANY PHENIX CITY, AL	1474(92)	2.632	2.643	0.4	86	46.0
1770 (12148)	VULCAN MATERIALS NORTH BIRMINGHAM QUARRY BIRMINGHAM, AL	1522(95)	2.601	2.646	1.7	62	42.0
1785 (12168)	WIREGRASS CONSTRUCTION INC ALLSTATE - MCLAIN PIT DEATSVILLE AL	1522 (95)	2.584	2.598	0.5	74	44
1802 (10275)	ROGERS GROUP, INC. SOUTH LIMESTONE TANNER, AL	1458(91)	2.616	2.657	1.6	94	45.6
1806 (10277)	WADLEY CRUSHED STONE CO. WADLEY, AL	1634 (102)	2.582	2.614	1.2	84	37.8
1807 (10278)	SOUTHLAND RESOURCES BROOKWOOD, AL	1522(95)	2.486	2.543	2.3	25	44.0
1809 (10279)	SEE NOTE 3 S.T. BUNN CONSTRUCTION CO HOWTON PIT (BUNN BROTHERS) TUSCALOOSA, AL	1233(77)	2.514	2.585	3.0	96	45.0
1811 (10280)	JACO COOPER PIT FRISCO CITY, AL	1506(94)	2.595	2.610	0.5	86	44.0
1819 (11882)	JACO EADY PIT REPTON, AL	1602(100)	2.624	2.639	0.6	94	41.0

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1821 (11884)	VULCAN MATERIALS GURLEY PIT GURLEY, AL	1570(98)	2.579	2.605	0.9	82	40.7
1823 (11892)	ROGERS GROUP INC GUNTERSVILLE, AL	1522(95)	2.725	2.743	1	68	16.4
1827 (11902)	WIREGRASS CONSTRUCTION INC ELBA PIT ELBA, AL	1410(88)	2.608	2.638	1.1	79	46.4
1830 (11904)	MIDSOUTH PAVING STEPHENSON PIT ABBEVILLE, AL	1297(81)	2.598	2.626	1.1	70	52.1
1831 (11906)	WINN MATERIALS GRAND RIVERS QUARRY WARSAW FORMATION	1410(88)	2.591	2.621	1.2	50	42.1
1839 (11922)	ROGERS GROUP INC HOLLYWOOD PIT HOLLYWOOD, AL	1730(108)	2.648	2.677	1.1	73	40.6
1841 (11982)	S.T. BUNN FOSTER'S PIT #2 FOSTER, AL	1490(93)	2.611	2.632	0.8	84	43.6
1844 (12108)	ROGER GROUP, INC. WEST HUNTSVILLE QUARRY HUNTSVILLE, AL	1522 (95)	2.604	2.667	2.4	62	42.0

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1846 (12154)	S.T. BUNN EPES PIT TUSCALOOSA, AL	1506(94)	2.640	2.644	0.1	94	43.6
1851 (12171)	MADISON MATERIALS ADAMSVILLE QUARRY ADAMSVILLE, AL	1281(80)	2.596	2.644	1.9	40	39.8
1868 (12708)	VULCAN MATERIALS COMPANY REDSTONE QUARRY	1586(99)	2.549	2.604	2.1	60	37.8
1866 (12169)	WIREGRASS CONSTRUCTION INC ALLSTATE - TRACE PIT DEATSVILLE AL	1522 (95)	2.584	2.598	0.5	74	44
1873 (12738)	READY MIX USA, LLC BRIERFIELD QUARRY BRIERFIELD, AL	1826(114)	2.742	2.779	1.4	84	39.3

**ASPHALT PLANT MIX SAND
TYPE II**

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIV. NUMBER	UNCOMPACTED VOIDS* %
0135 (10195)	COLUMBUS QUARRY FORTSON, GA	1586 (99)	2.623	2.627	0.1	90	44.0
0157 (10205)	VULCAN MATERIALS COMPANY COLUMBUS QUARRY COLUMBUS, GA	1602 (100)	2.693	2.706	0.4	60	45.1
0160 (10208)	VULCAN MATERIALS COMPANY LITHIA SPRINGS QUARRY LITHIA SPRINGS, GA	1586(99)	2.542	2.577	1.4	72	41.5
0161 (10209)	VULCAN MATERIALS COMPANY LAGRANGE QUARRY LAGRANGE, GA	1634(102)	2.631	2.639	0.3	83	42.1
0166 (10210)	VULCAN MATERIALS COMPANY MADRAS QUARRY NEWNAN, GA	1458(91)	2.655	2.661	0.2	100	45.0
0167 (10211)	VULCAN MATERIALS COMPANY VILLA RICA QUARRY VILLA RICA, GA	1570(98)	2.592	2.625	1.3	71	45.8
0511 (10219)	VULCAN MATERIALS COMPANY CHATANOOGA QUARRY CHATTANOOGA, TN	1714(107)	2.684	2.719	1.3	82	40.8
0897 (10154)	PINE BLUFF MATERIALS CO. NASHVILLE, TN	1586(99)	2.586	2.610	0.9	97	41.0
1456 (10232)	ROGERS GROUP, INC. PULASKI, TN	1602(100)	2.608	2.637	1.1	60	43.0
1649 (10250)	VULCAN MATERIALS COMPANY FORREST PARK QUARRY FOREST PARK, GA	1618(101)	2.693	2.695	0.1	88	43.0

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1691 (10256)	MARTIN MARIETTA MATERIALS PAULDING QUARRY DALLAS, GA	1602(100)	2.555	2.569	0.5	84	41.5
1692 (10257)	MARTIN MARIETTA MATERIALS SIX MILE QUARRY ROME, GA	1794(112)	2.769	2.796	1.0	79	39.7
1693 (10258)	JUNCTION CITY MINING CO HEATH QUARRY TALBOTTON GA	1778 (111)	2.808	2.814	0.2	60	41.9
1715 (12191)	VULCAN MATERIALS COMPANY POSTEL QUARRY MACON GA	1570(98)	2.832	2.879	2.0	52	48.0
1725 (10264)	VULCAN MATERIALS COMPANY FRANKLIN TN.	1570(98)	2.669	2.693	0.8	91	42.0
1774 (11860)	MIDSOUTH PAVING INC MULBERRY QUARRY DALLAS, GA	1570(98)	2.350	2.459	5.0	79	39.0
1780 (10272)	MARTIN MARIAETTA MATERIALS TYRONE QUARRY TYRONE, GA	1698(106)	2.672	2.697	0.9	78	39.8
1794 (12243)	BROWN & WATSON DBA BUTLER SAND COMPANY BUTLER SAND PIT	1538(96)	2.586	2.622	1.4	25	45.0
1808 (10188)	COUCH AGGREGATES MOSSY HEAD SAND PLANT DEFUNIAK SPRINGS, FL	1538(96)	2.617	2.626	0.4	94	44.0
1815 (10191)	HUEY STOCKSTILL, INC. PICAYUNE, MS	1682(105)	2.626	2.639	0.5	98	38.0
1823 (11907)	VULCAN MATERIALS CO CLEVELAND QUARRY	1570(98)	2.695	2.716	0.7	73	43.6
1843 (12068)	BLUE WATER INDUSTRIES GREENBACK QUARRY	1730(108)	2.732	2.763	1.2	84	39.7

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1871 (12717)	ROGERS GROUP, INC. PRESTON DOBBS TRUCK SERVICE & GRAVEL HAMILTON, MS	1586(99)	2.564	2.600	1.4	73	42.2
1864 (12655)	VULCAN MATERIALS GRAND RIVER QUARRY GRAND RIVERS KY	1538(96)	2.586	2.613	1.0	44	41.0

**ASPHALT PLANT MIX SAND
TYPE III**

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIV. NUMBER	UNCOMPACTED VOIDS* %
0927 (12141)	LAFARGE NORTH AMERICA THREE RIVER QUARRY SMITHLAND, KY	1586(99)	2.597	2.636	1.5	79	39.7
0930 (10229)	MARTIN MARIETTA MATERIALS BAHAMA ROCK LTD FREEPORT, GRAND BAHAMA	1436 (89)	2.497	2.556	2.3	91	40.0
1620 (10246)	MARTIN MARIETTA MATERIALS PORCUPINE MOUNTAIN QUARRY MULGRAVE, NOVA SCOTIA	1586(99)	2.622	2.637	0.5	83	42.2
1654 (10252)	MIDSOUTH PAVING BURLINGTON FORMATION BRICKEY'S STONE SEE NOTE 3	1522(95)	2.626	2.647	0.8	31	46.0
1745 (11838)	PINE BLUFF SAND AND GRAVEL CUMBERLAND RIVER QUARRY SALEM, KY	1666(104)	2.454	2.538	3.4	38	35.9
1782 (10273)	WARREN PAVING SLATS LUCAS QUARRY SALEM, KY	1474(92)	2.621	2.644	0.9	67	43.1
1850 (12162)	ALANZA AGREGADOS PUERTO CORTES, HONDURAS	1490 (93)	2.663	2.67	0.2	91	40.2
1865 (12653)	CALVERT CITY QUARRY CALVERT CITY, KY	1362(85)	2.531	2.534	0.1	54	46.4
1869 (12725)	SHORELINE AGGREGATES INC. POINT ROUSSE QUARRY BAIE VERTE, NEWFOUNDLAND	1602(100)	2.706	2.738	1.1	58	42.7

**ASPHALT PLANT MIX SAND
TYPE IV**

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³	BULK SPECIFIC	BULK SPECIFIC GRAVITY	ABSORPTION %	SAND EQUIV. NUMBER	UNCOMPACTED VOIDS* %
1647-F (10287)	WIREGRASS CONSTRUCTION INC 35TH STREET CRUSHER BIRMINGHAM AL	1842(115)	3.206	3.277	2.2	96	42.0
1647-K (10288)	MIDSOUTH PAVING 35th STREET CRUSHER BIRMINGHAM, AL	1842(115)	3.206	3.277	2.2	96	42.0
1704 (12138)	MIDSOUTH PAVING PUGH PIT TROY, AL	1410(88)	2.415	2.440	1.1	71	43.0
1722-F (10290)	MIDSOUTH PAVING U.S. STEEL FAIRFIELD, AL	1840(115)	3.199	3.270	2.2	96	42.1
1722-G (10291)	MIDSOUTH PAVING U.S. STEEL BIRMINGHAM, AL	1842(115)	2.424	2.564	5.7	54	32.0
1722-H (11963)	WIREGRASS CONSTRUCTION INC BOF STEEL SLAG BIRMINGHAM, AL	1810(113)	3.098	3.227	4.0	67	48.0
1722-J (11964)	WIREGRASS CONSTRUCTION INC B.F. STEEL SLAG BIRMINGHAM, AL	1506(94)	2.501	2.608	4.3	75	41.0
1735 (11829)	WIREGRASS CONSTRUCTION INC RIVER FALLS PIT ANDALUSIA, AL	1394(87)	2.633	2.640	0.2	74	48.8
1773 (11859)	WIREGRASS CONSTRUCTION INC ELLIS PIT ARITON, AL	1378(86)	2.618	2.629	0.4	56	49.4

CONCRETE SAND TYPE I

ID NUMBER (CAMMS ID)	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIVALENT NUMBER	UNCOMPACTED VOIDS* %	SODIUM SULFATE SOUNDNESS % SOUND
0001 (10147)	DAVIS SAND & GRAVEL CYPRESS PIT MOUNDVILLE, AL	1458(91)	2.608	2.628	0.7	87	44.5	
0020 (10148)	DONNELL SAND COMPANY CLAYHATCHEE, AL	1522(95)	2.553	2.561	0.3	89	43.2	
0041 (10149)	WIREGRASS CONSTRUCTION INC LAMBERT MAT'S - HICKORY BEND PIT SHORTER, AL	1570 (98)	2.639	2.65	0.4	93	43	
0048 (10192)	MARTIN MARIETTA MATERIALS AUBURN QUARRY AUBURN, AL	1874 (117)	2.627	2.703	2.88	52	36	
0142 (10200)	ROGERS GROUP, INC. TUSCUMBIA, AL	1490(93)	2.450	2.545	1.8	85	38.8	
0511 (10219)	VULCAN MATERIALS COMPANY CHATTANOOGA QUARRY CHATTANOOGA, TN	1714(107)	2.684	2.719	1.3	82	40.8	
0789 (11961)	COSBY-CARMICHAEL, INC. BRADY PIT SELMA, AL	1570 (98)	2.497	2.498	0.1	97	43	
0883 (10151)	SELMA GRAVEL, INC. COGLE PIT SELMA, AL	1538 (96)	2.592	2.604	0.5	93	43	
0894 (10223)	FOLEY MATERIALS COMPANY BRICKYARD ROAD PLANT PHENIX CITY, AL	1506(94)	2.639	2.647	0.3	90	45.8	
0895 (11980)	COUCH AGGREGATES BELLWOOD SAND PLANT BELLWOOD, AL	1538(96)	2.664	2.665	0.1	96	45	
0943 (10157)	MADISON MATERIALS COMPANY BLOUNTSVILLE PLANT- PIT #5 BLOUNTSVILLE, AL	1330(83)	2.549	2.562	0.5	57	50.9	

CONCRETE SAND TYPE I

ID NUMBER (CAMMS ID)	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIVALENT NUMBER	UNCOMPACTED VOIDS* %	SODIUM SULFATE SOUNDNESS % SOUND
0995 (10158)	ELMORE SAND & GRAVEL SCOTT PIT ELMORE, AL	1490 (93)	2.614	2.632	0.6	80	45.8	99
1433 (10159)	WIREGRASS CONSTRUCTION INC HAYDEN PIT HAYDEN, AL	1618(101)	2.413	2.496	3.5	68	36.4	
1441-K (10161)	GLENN BRADFORD GRAVEL RABBIT CREEK MINE JACKSON, AL	1538(95)	2.662	2.682	0.7	99	46	
1481 (10162)	FOLEY MATERIALS COMPANY TYSONVILLE PIT SHORTER AL	1522 (95)	2.637	2.641	0.2	93	43	
1578 (10164)	FULLER SAND & GRAVEL POPE PIT WHATLEY, AL	1586 (99)	2.631	2.634	0.1	96	41	99
1580 (10238)	FOLEY MATERIALS CITY PIT MONTGOMERY, AL	1506(94)	2.545	2.575	1.2	87	43.1	
1581 (10165)	ALLIANCE SAND & GRAVEL COUNTY ROAD 75 PLANT SITE PHIL CAMPBELL, AL	1586 (99)	2.313	2.328	0.6	84	40	
1681 (12070)	COUCH AGGREGATES B&R SAND PLANT MONTGOMERY, AL	1554 (97)	2.652	2.654	2.657	99	44	
1688 (10170)	PIONEER MATERIALS LLC WHITE CITY PIT MARBURY, AL	1506(94)	2.627	2.640	2.661	85	46	99
1669 (11783)	APAC-MISSISSIPPI, INC. SCRIBNER PIT COLUMBUS, MS	1586(99)	2.591	2.612	0.2	82	41.3	
1713 (10172)	WIREGRASS CONSTRUCTION INC COOSA PLANT GADSDEN, AL	1522(95)	2.557	2.597	1.5	84	41.2	

CONCRETE SAND TYPE I

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIVALENT NUMBER	UNCOMPACTED VOIDS* %	SODIUM SULFATE SOUNDNESS % SOUND
1717 (11527)	RED BLUFF SAND & GRAVEL RED BLUFF PIT PRATTVILLE, AL	1522(95)	2.645	2.651	0.2	95	45	97
1723 (10263)	VULCAN MATERIALS COMPANY NOTASULGA QUARRY LOACHAPOKA, AL	1490(93)	2.533	2.541	0.7	79	42.7	100
1725 (10264)	VULCAN MATERIALS COMPANY FRANKLIN TN	1570(98)	2.669	2.693	0.8	91	42.3	100
1727 (10174)	COASTAL SAND AND GRAVEL, INC. ST. ELMO, AL	1570(98)	2.579	2.588	0.3	85	40.2	
1753 (12071)	COUCH AGGREGATES TIMBERLINE/JACKSON MINE JACKSON, AL	15554 (97)	2.456	2.464	0.3	98	40	
1762 (12742)	WIREGRASS CONSTRUCTION INC LAMBERT MATERIALS - CALLOWAY PIT SHORTER AL	1586(99)	2.626	2.639	0.4	94	43.3	
1767 (10178)	FOLEY MATERIALS COMPANY STATE DOCKS ROAD PHENIX CITY, AL	1474 (92)	2.595	2.614	0.7	93	46.1	
1777 (10179)	P & R MINING, LLC ATMORE, AL	1538(96)	2.629	2.633	0.1	84	43	
1785 (12168)	WIREGRASS CONSTRUCTION INC ALLSTATE - MCLAIN PIT DEATSVILLE AL	1634 (102)	2.625	2.636	0.4	85	43	
1787 (10182)	RED EAGLE SAND & GRAVEL MONTGOMERY, AL	1522 (95)	2.592	2.601	0.3	91	42.5	
1802 (10275)	ROGERS GROUP INC SOUTH LIMESTONE QUARRY TANNER AL	1442 (90)	2.563	2.646	3.2	84	44	99
1811 (10280)	JACO COOPER PIT EXCELL, AL	1538(96)	2.573	2.581	0.3	44	43	

CONCRETE SAND TYPE I

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIVALENT NUMBER	UNCOMPACTED VOIDS* %	SODIUM SULFATE SOUNDNESS % SOUND
1821 (11884)	VULCAN MATERIALS CO GURLEY PIT GURLEY AL	1570(98)	2.579	2.605	0.9	82	41	100
1823 (11892)	ROGERS GROUP INC REED SAND PLANT #1 HUNTSVILLE, AL	1554(97)	2.638	2.648	0.4	77	45	99
1833 (11908)	PONDEROSA SAND & GRAVEL IDER QUARRY IDER, AL	1682(105)	2.546	2.599	2.0	83	37.3	
1847 (12663)	SRM INC CHASTAIN PIT JACKSON, AL	1570(98)	2.502	2.52	0.7	88	37	
1848 (12077)	AMERICAN SPECIALTY PRODUCTS SMITH MINE CLANTON, AL	1490(93)	2.601	2.626	0.9	78	43	
1853 (12177)	WIREGRASS CONSTRUCTION INC LAMBERT MATERIALS - JAMES JACKSON PIT SHORTER, AL	1506(94)	2.587	2.593	0.2	86	44	
1859 (12370)	LANDSDOWN CORPORATION LOWNDESBORO AL	1586 (99)	2.603	2.616	0.5	84	41	
1861 (12596)	ALABAMA SAND AND GRAVEL MEADOWS PIT LOWNDESBORO AL	1666(104)	2.318	2.405	3.7	68	34	
1863 (12629)	ALABAMA AGGREGATE MIM'S PIT BILLINGSLEY AL	1522 (95)	2.596	2.614	0.6	79	43	
1866 (12169)	WIREGRASS CONSTRUCTION INC ALLSTATE - TRACE PIT DEATSVILLE AL	1522 (95)	2.584	2.598	0.5	74	44	
1867 (12678)	WIREGRASS CONSTRUCTION INC LAMBERT MATERIALS - HARPER PIT SHORTER, AL	1666(104)	2.633	2.64	0.3	96	41.2	

CONCRETE SAND TYPE II

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIVALENT NUMBER	UNCOMPACTED VOIDS* %	SODIUM SULFATE SOUNDNESS % SOUND
0135 (10195)	COLUMBUS QUARRY FORTSON, GA	1538(96)	2.659	2.676	0.6	86	42.2	
0897 (10154)	PINE BLUFF MATERIALS CO. NASHVILLE, TN	1618(101)	2.597	2.620	0.8	98	40	
0901 (10155)	LAFARGE AGGREGATES HONEY ISLAND OPERATION PEARL RIVER, LA	1650	2.642	2.648	0.2	94	38.1	
0906 (10156)	SAND SWITCH SAND COMPANY SEWANEE, TN	1522(95)	2.573	2.597	0.9	80	43.5	
1438 (10160)	HAMMETT SAND & GRAVEL WINSTEAD PIT YAZOO CITY, MS	1602(100)	2.626	2.637	0.4	80	42	99
1440 (12199)	BROWN BROTHERS SAND COMPANY JUNCTION CITY, GA	1522 (95)	2.634	2.640	0.2	99	46	
1580 (10238)	FOLEY MATERIALS CO CITY PIT MONTGOMERY AL	1538 (96)	2.625	2.636	0.4	91	43.3	
1669 (11783)	APAC-MISSISSIPPI INC SCRIBNER PIT HAMILTON MS	1586(99)	2.535	2.568	1.3	85	37.4	
1712 (10171)	STANDARD SAND & GRAVEL IVEY, GA	1442(90)	2.607	2.613	0.2	90	90	99
1780 (10272)	MARTIN MARIETTA TYRONE,GA	1602(100)	2.652	2.657	0.2	96	42	
1788 (10183)	A MINING GROUP QUINCY, FL	1474(92)	2.627	2.637	0.3	94	45	
1794 (12243)	BROWN & WATSON dba BUTLER SAND COMPANY BUTLER, GA	1506(94)	2.627	2.636	0.3	91	46.5	

CONCRETE SAND TYPE II

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIVALENT NUMBER	UNCOMPACTED VOIDS* %	SODIUM SULFATE SOUNDNESS % SOUND
1808 (10188)	COUCH AGGREGATES MOSSY HEAD SAND PLANT DEFUNIAK SPRINGS, FL	1474(92)	2.592	2.621	1.1	64	45	
1812 (10189)	APAC MISSISSIPPI BLACK HAWK QUARRY COILA, MS	1602(100)	2.616	2.636	0.7	84	40.8	
1815 (10191)	HUEY STOCKSTILL, INC. SANTA ROSA PIT PICAYUNE, MS	1634(102)	2.618	2.626	0.3	99	39	
1818 (11881)	APAC MISSISSIPPI TREMONT, MS	1522(95)	2.573	2.589	0.4	93	42	99
1825 (11890)	SHALE SUPPORT NICHOLSON PIT NICHOLSON, MS	1682(105)	2.640	2.651	0.4	94	38.4	
1828 (12633)	REDLAND SAND WATKINSVILLE, GA PLANT WATKINSVILLE GA	1426(89)	2.586	2.611	0.96	94	45.9	
1837 (11918)	SOUTHERN AGGREGATE LLC GOSS PLANT COLUMBIA, MS	1618(101)	2.640	2.643	0.1	90	38	
1843 (12068)	BLUE WATER INDUSTRIES GREENBACK QUARRY LENOIR CITY, TN	1730(108)	2.678	2.723	1.7	83	38.5	
1858 (12609)	ROGERS GROUP, INC. TENNESSEE RIVER S&G LINDEN, TN	1602 (100)	2.503	2.556	2.2	92	38.3	
1872 (12720)	FOLEY MATERIALS GREENBRIAR SAND MADISON, GA	1297(81)	2.544	2.583	2.0	96	49.5	

CONCRETE SAND TYPE III

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIVALENT NUMBER	UNCOMPACTED VOIDS* %	SODIUM SULFATE SOUNDNESS % SOUND
1620 (10246)	MARTIN MARIETTA MATERIALS PORCUPINE MOUNTAIN QUARRY MULGRAVE, NOVA SCOTIA	1554(97)	2.595	2.621	1.1	92	43	98

CONCRETE SAND TYPE IV

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	SAND EQUIVALENT NUMBER	UNCOMPACTED VOIDS* %	SODIUM SULFATE SOUNDNESS % SOUND

		CRUSHED GRAVEL TYPE I					
ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
1441 (10161)	GLENN BRADFORD GRAVEL RABBIT CREEK MINE JACKSON, AL SEE NOTE 5	1714(107)	2.565	2.594	1.1	31	100
1612 (10243)	WIREGRASS CONSTRUCTION INC BATTLEGROUND QUARRY CULLMAN AL	1394(87)	2.671	2.690	0.7	21	100
1713 (10172)	WIREGRASS CONSTRUCTION INC COOSA PIT	1362 (85)	2.524	2.568	1.7	30	99.8
1717 (11527)	RED BLUFF SAND & GRAVEL PRATTVILLE, AL SEE NOTE 5	1490(93)	2.582	2.602	0.8	39	99
1762 (10177)	WIREGRASS CONSTRUCTION INC LAMBERT MATERIALS - CALLOWAY PIT SHORTER AL	1538 (96)	2.605	2.620	0.6	44.5	99
1777 (10179)	P & R MINING, LLC ATMORE, AL	1490(93)	2.539	2.576	1.5	40	96
1785 (12169)	WIREGRASS CONSTRUCTION INC ALLSTATE - MCLAIN PIT DEATSVILLE, AL	1458(91)	2.551	2.586	1.3	41	96
1787 (10182)	RED EAGLE SAND & GRAVEL MONTGOMERY, AL	1650(103)	2.595	2.625	1.2	32	99
1811 (10280)	JACO COOPER PIT FRISCO, AL	1762(110)	2.567	2.598	1.2	42	99

**CRUSHED GRAVEL
TYPE I**

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
1853 (12177)	WIREGRASS CONSTRUCTION INC LAMBERT MATLS - JAMES JACKSON PIT SHORTER, AL	1698 (106)	2.604	2.622	0.6	37	99.2
1866 (12169)	WIREGRASS CONSTRUCTION INC ALLSTATE - TRACE PIT DEATSVILLE, AL	1730(108)	2.550	2.576	1.1	48	100
1867 (12678)	WIREGRASS CONSTRUCTION INC LAMBERT MATERIALS - HARPER PIT SHORTER, AL	1554(97)	2.599	2.616	0.6	47	

**CRUSHED GRAVEL
TYPE II**

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
1825 (12194)	SHALE SUPPORT NICHOLSON PIT NICHOLSON, MS SEE NOTE 4	1394(87)	2.365	2.453	3.7	12	96

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	CRUSHED GRANITE TYPE I		ABSORPTION %	FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
			BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)				
0136 (10196)	MIDSOUTH PAVING ALEX CITY QUARRY ALEXANDER CITY, AL	1378(86)	2.673	2.691	0.7	2.5 0.3	33	100
1723 (10263)	VULCAN MATERIALS COMPANY NOTASULGA QUARRY LOACHAPOKA, AL	1426 (89)	2.559	2.588	1.1	7.1 1.1	34	100
1732 (10267)	MIDSOUTH PAVING WEDOWEE QUARRY WEDOWEE, AL	1378 (86)	2.638	2.658	0.7	4.5 0.9	32	100
1763 (10270)	NORTH MONTGOMERY MATERIALS HARD ROCK HILL TITUS, AL	1346(84)	2.690	2.705	0.50.5	8.1 0.0	30	100
1806 (10277)	WADLEY CRUSHED STONE COMPANY WADLEY, AL	1297 (81)	2.591	2.621	1.1	9.5 4.7	39	100

ID NUMBER	SOURCE NAME/LOCATION	CRUSHED GRANITE TYPE II						
		LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
0135 (10195)	COLUMBUS QUARRY FORTSON, GA	1378(86)	2.617	2.649	1.2	1.3 0.5	34	100
0157 (10205)	VULCAN MATERIALS COMPANY BARIN QUARRY COLUMBUS, GA	1410(88)	2.645	2.665	0.7	14.6 0.4	21	100
0160 (10208)	VULCAN MATERIALS COMPANY LITHIA SPRINGS QUARRY LITHA SPRINGS, GA	1346(84)	2.557	2.588	1.2	9.2 0.4	3834	99
0161 (10209)	VULCAN MATERIALS COMPANY LAGRANGE QUARRY LAGRANGE, GA	1426(89)	2.592	2.614	0.8	3.2 0.4	40	100
0166 (10210)	VULCAN MATERIALS COMPANY MADRAS QUARRY NEWNAN, GA	1378(86)	2.649	2.668	0.9	3.6 0.0	44	100
0167 (10211)	VULCAN MATERIALS COMPANY VILLA RICA QUARRY VILLA RICA, GA	1314 (82)	2.619	2.641	0.8	4.9 0.0	35	99.7
1649 (10250)	VULCAN MATERIALS COMPANY FOREST PARK QUARRY FOREST PARK, GA	1426(89)	2.657	2.673	0.6	1.0 0.4	44	100
1691 (10256)	MARTIN MARIETTA MATERIALS PAULDING QUARRY DALLAS, GA	1362(85)	2.577	2.601	0.9	12.8 0.9	34	99.7
1693 (10258)	JUNCTION CITY MINING HEATH QUARRY TALBOTTON, GA	1474(92)	2.761	2.781	0.7	1.7 0.0	17	100

CRUSHED GRANITE TYPE II								
ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
1715 (12191)	VULCAN MATERIALS COMPANY POSTEL QUARRY MACON, GA	1346(84)	2.677	2.696	0.7	9.4 0.8	19	100
1744 (10268)	VULCAN MATERIALS COMPANY FRIENDSHIP QUARRY BUFORD, GA	1394(87)	2.522	2.576	2.1	15.5 1.3	37	100
1774 (11860)	MIDSOUTH PAVING MULBERRY QUARRY DALLAS, GA	1297(81)	2.580	2.603	0.9	17.2 1.7	29	100
1780 (10272)	MARTIN MARIETTA MATERIALS TYRONE QUARRY TYRONE, GA	1362(85)	2.671	2.689	0.6	7.5 0.0	43	100
1842 (11983)	MARTIN MARIETTA MATERIALS RUBY QUARRY MACON, GA	1442(90)	2.710	2.730	0.7	19.0 0.5	18	100

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m³ (lbs/ft³)	CRUSHED GRANITE		ABSORPTION %	FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
			TYPE III					
			BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)				
1620 (10246)	MARTIN MARIETTA MATERIALS PORCUPINE MOUNTAIN QUARRY MULGRAVE, NOVA SCOTIA	1426(89)	2.710	2.727	0.6	6.2 0.5	15	99

LIGHTWEIGHT AGGREGATE**TYPE I**

ID NUMBER	SOURCE NAME/LOCATION	RODDED UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
0178 (10215)	ARCOSA LIGHTWEIGHT LIVLITE DIVISION LIVINGSTON AL	481(30)	0.774	0.951	23.0	12	93

LIGHTWEIGHT AGGREGATE**TYPE II**

ID NUMBER	SOURCE NAME/LOCATION	RODDED UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND

LIME ROCK FOR COARSE AGGREGATE

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	LIMEROCK BEARING RATIO (LBR)	SODIUM SULFATE SOUNDNESS % SOUND
1822 (11885)	BROOKLYN LIMEROCK BROOKLYN LIMEROCK QUARRY ANDALUSIA, AL SEE NOTE 5	13605(83)	2.176	2.316	6.4	2.9 0.0	40	105	97
1862 (12617)	JACO EVERGREEN QUARRY	1153(72)	1.887	2.134	13.0		57	108.25	91

LIMEROCK FOR COARSE AGGREGATE

TYPE II

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	LIMEROCK BEARING RATIO (LBR)	SODIUM SULFATE SOUNDNESS % SOUND
1804 (11877)	A MINING GROUP, LLC. CABBAGE GROVE QUARRY LAMONT, FL	1458(91)	1.967	2.173	10.5	1.9 0.1	50	106	100
1854 (12208)	LAFARGE HOLCIM CRYSTAL RIVER QUARRY CRYSTAL RIVER FL	1297(81)	2.055	2.246	9.3	5.5 0.0	45		94
1870 (16510)	NORTH FLORIDA ROCK, LLC. MARIANNA, FL	1330(83)	1.970	2.187	11.0	2.6 0.0	69	134	90

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	CRUSHED LIMESTONE TYPE I			L.A. ABRASION %	BRITISH POLISHING NUMBER (BPN)	SODIUM SULFATE SOUNDNESS % SOUND	TOTAL SILICA CONTENT %
				BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	FLAT/ELONG. 3:1 5:1				
0048 (10192)	MARTIN MARIETTA MATERIALS AUBURN QUARRY AUBURN, AL	1522(95)	2.785	2.803	0.6	5.9 0.4	33	26	99	4.7
0077 (10193)	C. A. LANGFORD COMPANY, INC. GUNTERSVILLE, AL	1394(87)	2.694	2.716	0.7	5.4 0.8	19	27	100	2.7
0134 (10194)	VULCAN MATERIALS COMPANY DOLCITO QUARRY TARRANT, AL	1426(89)	2.709	2.751	1.5	7.1 0.0	19	26	100	2.3
0137 (10197)	VULCAN MATERIALS COMPANY OHATCHEE QUARRY OHATCHEE, AL	1522 (95)	2.801	2.821	0.7	11.7 0.8	16	26	99.9	3.7
0140 (10198)	ROGERS GROUP, INC. MOULTON, AL	1490(93)	2.638	2.664	0.1	3.7 0.0	22	30	98	1.3
0141 (10199)	VULCAN MATERIALS COMPANY FT PAYNE QUARRY FT PAYNE, AL	1426(89)	2.671	2.689	0.6	11.0 1.7	18	25	99	3.1
0142 (10200)	ROGERS GROUP, INC. TUSCUMBIA, AL	1330(83)	2.536	2.585	1.9	13.6 0.7	37	30	95	0.8
0144-L (10284)	DUNN CONSTRUCTION LONGVIEW OPERATION SAGINAW, AL	1426(89)	2.700	2.712	0.4	10.25 1.68	26	23	100	2.7
0148 (10201)	VULCAN MATERIALS COMPANY CHEROKEE QUARRY CHEROKEE, AL	1346 (84)	2.546	2.587	1.6	9.40 1.0	27	30	99	1.4
0151 (10202)	VULCAN MATERIALS COMPANY LACON QUARRY LACON, AL	1362 (85)	2.660	2.682	0.8	13.1 0.0	24	29	99.5	2.2
0152 (10203)	VULCAN MATERIALS COMPANY TRINITY QUARRY TRINITY, AL	1378 (86)	2.605	2.639	1.3	14.1 1.8	29	26	99	3.4

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	CRUSHED LIMESTONE TYPE I		FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	BRITISH POLISHING NUMBER (BPN)	SODIUM SULFATE SOUNDNESS % SOUND	TOTAL SILICA CONTENT %
				BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %					
0155 (10204)	VULCAN MATERIALS COMPANY CALERA QUARRY CALERA, AL	1490(93)	2.728	2.741	0.4	3.5 0.0	21	26	99	3.2
0158 (10206)	VULCAN MATERIALS COMPANY GLENCOE QUARRY GLENCOE, AL	1426(89)	2.743	2.756	0.5	13.0 1.0	19	23	100	2.0
0159 (10207)	VULCAN MATERIALS COMPANY BEARDEN QUARRY HELENA, AL	1474(92)	2.780	2.805	0.9	0.0 0.0	19	26	99	1.8
0168 (10212)	VULCAN MATERIALS COMPANY SCOTTSBORO QUARRY SCOTTSBORO, AL	1474(92)	2.667	2.687	0.7	1.0 0.0	20	25	99	4.1
0169 (10213)	VULCAN MATERIALS COMPANY TUSCUMBIA QUARRY TUSCUMBIA, AL	1394(87)	2.644	2.660	0.6	5.2 0.6	22	27	99.6	3.9
0170 (10214)	WADE SAND & GRAVEL EAST THOMAS QUARRY BIRMINGHAM, AL	1458(91)	2.685	2.704	0.7	7.4 0.0	17	25	100	4.2
0315 (10216)	MARTIN MARIETTA MATERIALS MAYLENE, AL	1442(90)	2.780	2.804	0.8	10.1 0.8	24	23	100	4.8
0414 (10217)	VULCAN MATERIALS COMPANY CHILDERSBURG QUARRY CHILDERSBURG, AL	1442(90)	2.706	2.722	0.5	13.9 6.2	24	26	100	5.2
0497 (10218)	VULCAN MATERIALS COMPANY HUNTSVILLE QUARRY HUNTSVILLE, AL	1410(88)	2.642	2.665	0.8	5.8 1.2	29	26	98	5.1
0624 (10220)	BLUE WATER INDUSTRIES CHEROKEE QUARRY ALLSBORO, AL	1410(88)	2.528	2.570	1.7	12.3 0.7	35	28	98	1.9
0654 (10221)	MADISON MATERIALS COMPANY GUNTERSVILLE, AL	1314(82)	2.705	2.720	0.6	12.2 2.9	18	26	100	2.6
0783 (10222)	MADISON MATERIALS COMPANY SUMMIT, AL	1458(91)	2.694	2.711	0.6	2.4 0.0	21	25	100	5.9

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	CRUSHED LIMESTONE TYPE I		FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	BRITISH POLISHING NUMBER (BPN)	SODIUM SULFATE SOUNDNESS % SOUND	TOTAL SILICA CONTENT %
				BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %					
0910 (10226)	BLUE WATER INDUSTRIES LOWER LEVEL QUARRY HUNTSVILLE, AL	1378(86)	2.670	2.692	0.8	6.7 0.5	23	26	100	1.9
1405-G (10286)	MARTIN MARIETTA MATERIALS O'NEIL QUARRY SAGINAW, AL	1426(89)	2.673	2.732	2.1	12.7 0.8	25	26	100	1.6
1414 (12174)	VULCAN MATERIALS SPEEDWAY QUARRY EASTABOGA, AL	1378(86)	2.806	2.823	0.6	9.4 0.5	18	26	100	3.2
1504 (10236)	MARTIN MARIETTA MATERIALS VANCE, AL	1554(97)	2.723	2.743	0.7	2.8 0.3	19	25	100	3.3
1549 (10237)	VULCAN MATERIALS COMPANY BESSEMER QUARRY BESSEMER, AL	1474(92)	2.752	2.779	0.9	5.7 1.3	21	26	100	2.7
1608 (10241)	VULCAN MATERIALS COMPANY TUSCALOOSA QUARRY VANCE, AL	1378(86)	2.727	2.742	0.5	4.5 0.0	20	27	99	3.3
1612 (10243)	WIREGRASS CONSTRUCTION INC BATTLEGROUND QUARRY FALKVILLE, AL	1442(90)	2.663	2.687	0.9	7.50 1.0	20	28	99.8	5.7
1616 (10245)	SRM MATERIALS MOUNT HOPE QUARRY RUSSELLVILLE, AL	1346(84)	2.540	2.601	2.4	3.3 0.6	26	31	99	1.3
1651 (10251)	VULCAN MATERIALS COMPANY SOUTH RUSSELLVILLE QUARRY RUSSELLVILLE, AL	1410(88)	2.603	2.640	1.4	13.0 2.2	22	29	96.5	2.2

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	CRUSHED LIMESTONE TYPE I		FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	BRITISH POLISHING NUMBER (BPN)	SODIUM SULFATE SOUNDNESS % SOUND	TOTAL SILICA CONTENT %
				BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %					
1656 (10254)	VULCAN MATERIALS COMPANY PRIDE QUARRY TUSCUMBIA, AL	1297 (81)	2.492	2.551	2.3	7.4 0.7	38	29	95.1	2.3
1709 (10260)	WIREGRASS CONSTRUCTION INC ASHVILLE QUARRY ASHVILLE, AL	1410(88)	2.665	2.686	0.8	1.3 0.0	22	26	100	2.0
1728 (10266)	VULCAN MATERIALS COMPANY LAKESHORE QUARRY BIRMINGHAM, AL	1410(88)	2.661	2.699	1.4	11.2 1.9	19	26	99	4.3
1758 (10269)	ROGERS GROUP, INC. LACEY'S SPRINGS, AL	1394 (87)	2.633	2.665	1.1	10.7 3.8	24	26	99.7	2.1
1770 (12148)	VULCAN MATERIALS COMPANY NORTH BIRMINGHAM QUARRY BIRMINGHAM, AL	1490(93)	2.689	2.702	0.5	14.0 0.7	21	26	100	6.3
1802 (10275)	ROGERS GROUP, INC. SOUTH LIMESTONE QUARRY TANNER, AL	1405(88)	2.601	2.647	1.5	10.3 0.7	17	33	98	4.2
1821 (11884)	VULCAN MATERIALS CO. GURLEY PIT GURLEY, AL	1330(83)	2.649	2.673	0.9	5.4 0.7	22	26	99	3.3
1839 (11922)	ROGERS GROUP INC HOLLYWOOD PIT HOLLYWOOD, AL	1378(86)	2.665	2.686	0.8	2.4 0.0	19	25	99	4.3
1844 (12108)	ROGERS GROUP, INC. WEST HUNTSVILLE QUARRY HUNTSVILLE AL	1410 (88)	2.623	2.634	0.4	14.5 0.8	16	35	97.5	2.2
1856 (12357)	NORTH ALABAMA MATERIALS INC GURLEY PLANT GURLEY AL	1297(81)	2.603	2.632	1.1	1.7 0.9	28	25	99	1.8
1868 (12708)	VULCAN MATERIALS COMPANY REDSTONE QUARRY HUNTSVILLE AL	1458(91)	2.637	2.666	1.1	2.3 0.3	44	26	100	5.1

**CRUSHED LIMESTONE
TYPE I**

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	BRITISH POLISHING NUMBER (BPN)	SODIUM SULFATE SOUNDNESS % SOUND	TOTAL SILICA CONTENT %
1873 (12738)	READY MIX USA BRIERFIELD QUARRY BRIERFIELD AL	1506(94)	2.794	2.813	0.7	0.6 0.0	19	33	100	4.8

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	CRUSHED LIMESTONE TYPE II		FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	BRITISH POLISHING NUMBER (BPN)	SODIUM SULFATE SOUNDNESS % SOUND	TOTAL SILICA CONTENT %
				BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %					
0511 (10219)	VULCAN MATERIALS COMPANY CHATTANOOGA QUARRY CHATTANOOGA, TN	1442(90)	2.751	2.769	0.6	7.0 0.0	22	25	100	1.1
0924 (12560)	LAFARGE AGGREGATES CAVE IN ROCK QUARRY CAVE-IN-ROCK, IL	1650(103)	2.674	2.690	0.6	5.2 1.6	22	30	99	2.1
0927 (12141)	LAFARGE AGGREGATES THREE RIVER QUARRY SMITHLAND, KY	1410 (88)	2.620	2.655	1.3	18.8 0.9	28	30	98	3.6
1456 (10232)	ROGERS GROUP, INC. PULASKI, TN	1378(86)	2.649	2.677	1.0	10.7 1.68	24	26	99.2	3.7
1470 (10233)	VULCAN MATERIALS COMPANY HERMITAGE QUARRY HERMITAGE, TN	1410(88)	2.669	2.689	0.7	17.2 1.2	22	28	99.7	2.9
1643 (10249)	VULCAN MATERIALS COMPANY PARSONS QUARRY PARSONS, TN	1378(86)	2.632	2.644	0.4	20.0 2.0	28	25	97	4.3
1654 (12644)	APAC KANSAS BURLINGTON FORM. BRINKLEY'S STONE	1249(78)	2.579	2.624	1.7	10.3 3.3	26	25	99	2.5
1692 (10257)	MARTIN MARIETTA MATERIALS SIX MILE QUARRY ROME, GA	1442(90)	2.763	2.792	1.0	4.4 0.0	24	25	100	3.2
1725 (10264)	VULCAN MATERIALS COMPANY FRANKLIN QUARRY FRANKLIN, TN	1490 (93)	2.653	2.682	1.0	31.9 3.9	26	32	96.8	4.2
1726 (10265)	VULCAN MATERIALS COMPANY DANELY QUARRY NASHVILLE, TN	1378 (86)	2.688	2.701	0.4	7.9 0.0	22	25	99.3	2.7
1745 (11838)	PINE BLUFF SAND AND GRAVEL CUMBERLAND RIVER QUARRY SALEM, KY SEE NOTE 5	1265(79)	2.639	2.663	0.9	16.6 4.3	18	29	100	2.9

**CRUSHED LIMESTONE
TYPE II**

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	BRITISH POLISHING NUMBER (BPN)	SODIUM SULFATE SOUNDNESS % SOUND	TOTAL SILICA CONTENT %
1782 (10273)	WARREN PAVING SLATS LUCAS QUARRY SALEM, KY	1330(83)	2.651	2.673	0.8	11.6 1.4	18	29	100	3.4
1792 (10274)	ROGERS GROUP, INC. GORDONSVILLE, TN	1458(91)	2.715	2.750	1.3	15.3 2.6	24	26	99	2.9
1831 (11906)	WINN MATERIALS GRAND RIVERS QUARRY	1362(85)	2.577	2.618	1.6	4.4 / 0.0	23	30	94	1.1
(12613)	WARSAW FORMATION ST. LOUIS FORMATION SEE NOTE 5 GRAND RIVERS, KY	2114(132)	2.675	2.692	0.6	13.4 / 0.7	18	30	99	3.8
1832 (11907)	VULCAN MATERIALS CO CLEVELAND QUARRY CLEVELAND TN	1458(91)	2.703	2.719	0.5	3.9 0.4	18	25	100	1.3
1843 (12068)	BLUEWATER INDUSTRIES GREENBACK QUARRY LENOIR CITY, TN SEE NOTE 5	1442(90)	2.744	2.768	0.9	2.2 0.0	16	26	100	3.1
1864 (12655)	VULCAN MATERIALS GRAND RIVER QUARRY GRAND RIVERS KY	1281(80)	2.639	2.660	0.8	0.8 0.0	25	26	100	5.1
1865 (12653)	CALVERT CITY QUARRY CALVERT CITY, KY	1249(78)	2.569	2.613	1.7	6.8 1.9	33	27	99	2.0

CRUSHED LIMESTONE TYPE III										
ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	BRITISH POLISHING NUMBER (BPN)	SODIUM SULFATE SOUNDNESS % SOUND	TOTAL SILICA CONTENT %
0925 (10228)	VULCAN MATERIALS CO. / ICA CALICA QUARRY QUINTANA ROO, MEXICO	1217(76)	3.758	3.911	4.0	1.0 0.0	27	29	99	2.7
0930 (10229)	MARTIN MARIETTA MATERIALS BAHAMA ROCK FREEPORT, GRAND BAHAMAS	1185(74)	2.286	2.383	4.5	0.9 0.0	29	28	99	7.1
1850 (12162)	ALANZA AGREGADOS PUERTO CORTES, HONDURAS	1394 (87)	2.597	2.629	1.2	6.1 0.1	23	29	97.4	4.0
CRUSHED LIMESTONE TYPE IV										
ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	BRITISH POLISHING NUMBER (BPN)	SODIUM SULFATE SOUNDNESS % SOUND	TOTAL SILICA CONTENT %

CRUSHED QUARTZITE								
TYPE I								
ID	SOURCE NAME/LOCATION	LOOSE UNIT MASS	BULK	BULK SPECIFIC	ABSORPTION	FLAT/ELONG.	L.A.	SODIUM
NUMBER		kg/m ³	SPECIFIC	GRAVITY	%	3:1	ABRASION	SULFATE
		(lbs/ft ³)	GRAVITY	(SSD)		5:1	%	SOUNDNESS
								% SOUND
1577	VULCAN MATERIALS	1362(85)	2.635	2.650	0.5	8.7	19	100
(12172)	COLDWATER MTN. QUARRY					3.3		
	OXFORD, AL							

CRUSHED SANDSTONE

TYPE I

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	FLAT/ELONG. 3:1 5:1	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
0924 (12560)	LAFARGE AGGREGATES CAVE IN ROCK QUARRY CAVE-IN-ROCK, IL	1602(100)	2.634	2.660	0.9	0.0 0.0	22	98
0943 (10157)	MADISON MATERIAL COMPANY BLOUNTSVILLE PIT #5 BLOUNTSVILLE, AL	1314(82)	2.463	2.528	2.6	0.0 0.0	48	99
1412 (10230)	S.T. BUNN CONSTRUCTION aka BUNN BROTHERS MARION COUNTY ROCK WINFIELD, AL SEE NOTE 5	1217(76)	2.361	2.454	3.9	10.4 2.4	45	100
1433 (10159)	WIREGRASS CONSTRUCTION INC HAYDEN PIT HAYDEN, AL	1314(82)	2.469	2.540	2.9	0.1 0.0	50	94
1637 (10248)	WIREGRASS CONSTRUCTION INC DRUMMOND PIT HANCEVILLE, AL	1233 (77)	2.462	2.523	2.4	7.1 2.1	47	98
1655 (10253)	WIREGRASS CONSTRUCTION INC SKYLINE QUARRY SCOTTSBORO, AL	1281(80)	2.391	2.486	3.9	3.1 0.0	45	98
1807 (10278)	SOUTHLAND RESOURCES BROOKWOOD, AL	1314(82)	2.563	2.616	2.1	6.9 0.5	32	98
1809 (10279)	S.T. BUNN CONSTRUCTION aka BUNN BROTHERS HOWTON QUARRY BROOKWOOD, AL	1362(85)	2.555	2.606	2.0	11.9 2.4	20	98
1851 (12171)	MADISON MATERIALS ADAMSVILLE QUARRY ADAMSVILLE AL	1330(83)	2.617	2.659	1.6	18.3 1.0	25	98

ID NUMBER	SOURCE NAME/LOCATION	CRUSHED SLAG TYPE I					
		LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
0174-J (10285)	DUNN CONSTRUCTION COMPANY FRITZ QUARRY STEEL SLAG BF SLAG FAIRFIELD, AL	1249(78)	2.387	3.336	1.5	16	98
1632 (10247)	STEIN, INC. NUCOR (STEEL SLAG) TRINITY, AL	1890(118)	3.644	3.690	1.2	14.8	99.9
1721-G (10289)	DUNN CONSTRUCTION COMPANY CMC QUARRY (STEEL SLAG) BIRMINGHAM, AL SEE NOTE 5	1746(109)	2.387	2.476	3.7	42	99

ID NUMBER	SOURCE NAME/LOCATION	CRUSHED SLAG TYPE IV					
		LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
1614 (10244)	S. T. BUNN CONSTRUCTION CO. TUSCALOOSA STEEL CORP STEEL SLAG TUSCALOOSA, AL	1714(107)	3.487	3.540	1.5	14	100
1647-F (10287)	GOOD HOPE CONTRACTING INC 35th STREET CRUSHER STEEL SLAG BIRMINGHAM, AL SEE NOTE 5	1810(113)	2.603	2.636	1.3	15	99
1647-K (10288)	MIDSOUTH PAVING INC 35TH STREET CRUSHER STEEL SLAG BIRMINGHAM, AL	1249(78)	3.287	3.336	1.5	16	98
1701 (10259)	MOBILE ASPHALT COMPANY STEEL SLAG AXIS, AL SEE NOTE 5	1842(115)	3.229	3.300	2.2	18	98
1722-F (10290)	MIDSOUTH PAVING INC U.S. STEEL BOF SLAG FAIRFIELD, AL SEE NOTE 5	1281(80)	2.322	2.413	4.0	43	99
1722-G (10291)	MIDSOUTH PAVING INC US STEEL STEEL SLAG BIRMINGHAM, AL SEE NOTE 5	1249(78)	3.287	3.336	1.5	16	98

**CRUSHED SLAG
TYPE IV**

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
1722-H (11963)	WIREGRASS CONSTRUCTION INC US STEEL BLAST FURNACE SLAG BIRMINGHAM, AL SEE NOTE 5	1506(94)	2.501	2.608	4.3	14	97
1722-J (11964)	WIREGRASS CONSTRUCTION INC US STEEL STEEL SLAG BIRMINGHAM, AL SEE NOTE 5	1249(78)	3.287	3.336	1.5	16	98

UNCRUSHED GRAVEL							
TYPE I							
ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
0001 (10147)	DAVIS SAND & GRAVEL CYPRESS PIT MOUNDVILLE, AL SEE NOTE 4 SEE NOTE 5	1394(87)	2.459	2.524	2.6	27	95
0041 (10149)	WIREGRASS CONSTRUCTION INC LAMBERT MATLS - HICKORY BEND PIT SHORTER, AL	1570(98)	2.613	2.626	0.4	46	99
0789 (11961)	COSBY-CARMICHAEL, INC. BRADY PIT SELMA, AL	1570 (98)	2.567	2.595	1.1	39	99
0883 (10151)	SELMA GRAVEL, INC. COGLE PIT SELMA, AL	1602(100)	2.556	2.588	1.3	37	100
0894 (10223)	FOLEY MATERIALS COMPANY BRICKYARD ROAD PLANT PHENIX CITY, AL	1522 (95)	2.604	2.621	0.7	44	100
0995 (10158)	ELMORE SAND & GRAVEL SCOTT PIT ELMORE, AL	1458 (91)	2.542	2.579	1.4	42	99
1441 (10161)	GLENN BRADFORD GRAVEL RABBIT CREEK MINE JACKSON, AL	1634(102)	2.613	2.625	0.5	37	100

**UNCRUSHED GRAVEL
TYPE I**

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
1481 (10162)	FOLEY MATERIALS CO. TYSONVILLE PLANT SHORTER, AL	1522(95)	2.596	2.615	0.7	44	100
1496 (12163)	S. T. BUNN CONSTRUCTION LAWRENCE MILL PIT	1570(98)	2.585	2.605	0.6	23	100
1578 (10164)	FULLER GRAVEL COMPANY POPE PIT WHATLEY, AL	1506(94)	2.617	2.626	0.4	37	100
1580 (10238)	FOLEY MATERIALS COMPANY CITY PIT MONTGOMERY, AL	1506 (94)	2.600	2.618	0.7	48	100
1681 (12070)	COUCH AGGREGATES B&R SAND PLANT MONTGOMERY, AL	1442 (90)	2.559	2.587	1.1	44	99
1688 (10170)	PIONEER MATERIALS WHITE CITY PIT MARBURY, AL	1538(96)	2.603	2.619	0.6	48	99
1713 (10172)	WIREGRASS CONSTRUCTION INC COOSA PLANT GADSDEN, AL SEE NOTE 4	1378(86)	2.442	2.510	3.0	30	96

		UNCRUSHED GRAVEL TYPE I					
ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
1717 (11527)	RED BLUFF SAND & GRAVEL RED BLUFF PIT PRATTVILLE, AL	1490(93)	2.587	2.605	1.0	41	99
1753 (12071)	COUCH AGGREGATES, LLC TIMBERLINE/JACKSON MINE JACKSON, AL	1730(108)	2.559	2.589	1.1	34	99
1762 (12742)	WIREGRASS CONSTRUCTION INC LAMBERT MATERIALS - CALLOWAY PIT SHORTER AL	153.8(96)	2.605	2.620	0.6	45	99.4
1767 (10178)	FOLEY MATERIALS COMPANY STATE DOCKS ROAD PHENIX CITY, AL	1490(93)	2.613	2.628	0.6	42.5	99.4
1777 (10179)	P & R MINING, LLC ATMORE, AL	1506(94)	2.557	2.588	1.2	44	100
1785 (12169)	WIREGRASS CONSTRUCTION INC ALLSTATE - TRACE PIT DEATSVILLE, AL	1458(91)	2.551	2.586	1.3	41	96
1787 (10182)	RED EAGLE SAND & GRAVEL MONTGOMERY, AL	1490(93)	2.570	2.595	1.0	41	99.5
1811 (10280)	JACO COOPER PIT EXCEL, AL	1650(103)	2.571	2.599	1.1	46	99
1812 (10189)	APAC-MISSISSIPPI BLACKHAWK QUARRY JACKSON MS	1442(90)	2.491	2.536	1.8	18	99

		UNCRUSHED GRAVEL TYPE I					
ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
1841 (11982)	S.T. BUNN CONSTRUCTION COMPANY FOSTERS PIT #2 FOSTER, AL NOTE 4	1490(93)	2.530	2.552	0.4	34	98
1847 (12663)	SRM MATERIALS LLC CHASTAIN PIT JACKSON, AL	1538(96)	2.549	2.583	1.3	38	99
1848 (12077)	WESTERN SPECIALTY PRODUCTS SMITH MINE CLANTON, AL	1554(97)	2.577	2.604	1.0	37	99
1853 (12177)	WIREGRASS CONSTRUCTION INC LAMBERT MATLS - JAMES JACKSON PIT SHORTER, AL	1570(98)	2.598	2.616	0.7	47	100
1859 (12370)	LANDSDOWN CORPORATION ALABAMA OPERATIONS LOWNDESBORO PLANT LOWNDESBORO AL	1506(94)	2.529	2.571	1.6	48	97
1861 (10180)	ALABAMA SAND & GRAVEL (Pea Gravel) MEADOWS PIT LOWNDESBORO, AL	1458(91)	2.526	2.568	1.7	46	96
1863 (12629)	ALABAMA AGGREGATES, LLC MIM'S PIT PRATTVILLE, AL	1554 (97)	2.585	2.625	0.9	45	99
1867 (12678)	WIREGRASS CONSTRUCTION INC LAMBERT MATERIALS - HARPER PIT SHORTER, AL	1506(94)	2.574	2.601	1	48	99

UNCRUSHED GRAVEL
TYPE I

ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS	BULK	BULK SPECIFIC	ABSORPTION	L.A.	SODIUM SULFATE
		kg/m ³	SPECIFIC	GRAVITY (SSD)	%	ABRASION	SOUNDNESS
		(lbs/ft ³)	GRAVITY			%	% SOUND

		UNCRUSHED GRAVEL TYPE II					
ID NUMBER	SOURCE NAME/LOCATION	LOOSE UNIT MASS kg/m ³ (lbs/ft ³)	BULK SPECIFIC GRAVITY	BULK SPECIFIC GRAVITY (SSD)	ABSORPTION %	L.A. ABRASION %	SODIUM SULFATE SOUNDNESS % SOUND
0901 (10155)	LAFARGE AGGREGATES HONEY ISLAND PLANT PEARL RIVER, LA SEE NOTE 4	1362(85)	2.373	2.456	3.4	16.4	99
1438 (10160)	HAMMETT SAND & GRAVEL WINSTEAD PIT YAZOO CITY, MS SEE NOTE 4	1490(93)	2.423	2.483	2.5	18	99
1812 (10189)	APAC MISSISSIPPI BLACK HAWK QUARRY COILA, MS NOTE 4	1442(90)	2.474	2.528	2.1	19	99
1825 (11890)	SHALE SUPPORT, LLC NICHOLSON PIT	1314(82)	2.373	2.456	3.4	15	98
1829 (11898)	DICKERSON AND BOWEN BROOKHAVEN MS NOTE 4	1474(92)	2.478	2.537	2.3	19	100
1837 (11918)	SOUTHERN AGGREGATES LLC GOSS PLANT COLUMBIA, MS NOTE 4	1490(93)	2.421	2.494	2.9	18	98
1858 (12609)	ROGER'S GROUP INC TENNESSEE RIVER SAND & GRAVEL LINDEN TN NOTE 4	1233 (77)	2.270	2.371	4.5	12.9	98

REDISTRIBUTION TERMINALS

TERMINAL NUMBER	SOURCE NAME/LOCATION
1 (12109)	VULCAN MATERIALS COMPANY BAY BRIDGE YARD MOBILE, AL
3 (12111)	VULCAN MATERIALS COMPANY BLAKELY ISLAND YARD MOBILE, AL
8 (12127)	MARTIN MARIETTA MATERIALS ORANGE BEACH TERMINAL ORANGE BEACH, AL
9 (12128)	MARTIN MARIETTA MATERIALS SARALAND TERMINAL SARALAND, AL
10 (12129)	MARTIN MARIETTA THEODORE (CONRAD) TERMINAL THEODORE, AL
11 (12142)	ALLIANCE SAND & GRAVEL BAKER SAND & GRAVEL TERMINAL HUNTSVILLE, AL
13 (12128)	MOBILE ASPHALT SARALAND TERMINAL SARALAND, AL

REDISTRIBUTION TERMINALS

TERMINAL NUMBER	SOURCE NAME/LOCATION
14 (12140)	MOBILE ASPHALT BAY MINETTE TERMINAL BAY MINETTE, AL
15 (12125)	HOSEA O. WEAVER AND SONS, INC. CUT OFF ROAD TERMINAL MOBILE, AL
16 (12151)	PINE BLUFF SAND & GRAVEL REDISTRIBUTION TERMINAL PORT OF FLORENCE FLORENCE, AL
17 (12152)	PINE BLUFF SAND & GRAVEL DECATUR TERMINAL DECATUR, AL
18 (12155)	WIREGRASS CONSTRUCTION INC MONTGOMERY TERMINAL MONTGOMERY, AL
20 (12113)	VULCAN MATERIALS COMPANY PENSACOLA TERMINAL PENSACOLA, FL
21 (12126)	JOHN G. WALTON CONSTRUCTION COMPANY, INC. CHICKASAW TERMINAL CHICKASAW, AL
22 (12121)	MIDSOUTH PAVING DOTHAN TERMINAL DOTHAN, AL

REDISTRIBUTION TERMINALS

TERMINAL NUMBER	SOURCE NAME/LOCATION
23 (12131)	MIDSOUTH PAVING TOCWAH TERMINAL MONTGOMERY, AL
24 (12160)	MIDSOUTH PAVING MT. MEIGS TERMINAL MONTGOMERY, AL
25 (12157)	WIREGRASS CONSTRUCTION INC SHORTER TERMINAL SHORTER, AL
26 (12122)	MIDSOUTH PAVING TROY TERMINAL TROY, AL
27 (12123)	MIDSOUTH PAVING EUFAULA TERMINAL EUFAULA, AL
28 (12144)	WIREGRASS CONSTRUCTION INC CALERA TERMINAL CALERA, AL
29 (12132)	MIDSOUTH PAVING GREENVILLE TERMINAL GREENVILLE, AL

REDISTRIBUTION TERMINALS

TERMINAL NUMBER	SOURCE NAME/LOCATION
30 (12161)	MIDSOUTH PAVING EAST THOMAS TERMINAL BIRMINGHAM, AL
31 (12133)	MIDSOUTH PAVING TARRANT TERMINAL TARRANT, AL
32 (12134)	MIDSOUTH PAVING VANCE TERMINAL VANCE, AL
33 (12135)	MIDSOUTH PAVING OXFORD TERMINAL OXFORD, AL
34 (12072)	EAST ALABAMA PAVING COMPANY OPELIKA TERMINAL OPELIKA, AL
35 (12136)	MIDSOUTH PAVING EVERGREEN TERMINAL EVERGREEN, AL
36 (12114)	VULCAN MATERIALS CO. CHATANOOGA TERMINAL CHATTANOOGA, TN

REDISTRIBUTION TERMINALS

TERMINAL NUMBER	SOURCE NAME/LOCATION
37 (12137)	MIDSOUTH PAVING TUSCUMBIA TERMINAL TUSCUMBIA, AL
38 (12153)	ROGER'S GROUP LACEY'S SPRING TERMINAL LACEY'S SPRING, AL
40 (12143)	ALLIANCE SAND & AGGREGATES DECATUR TERMINAL DECATUR, AL
41 (12115)	VULCAN MATERIALS CO. PRIDE TERMINAL TUSCUMBIA, AL
42 (12116)	VULCAN MATERIALS CO. TRINITY TERMINAL TRINITY, AL
43 (12117)	VULCAN MATERIALS CO. HOBBS ISLAND TERMINAL HUNTSVILLE, AL
44 (12120)	COUCH AGGREGATES ORANGE BEACH TERMINAL ORANGE BEACH, AL

REDISTRIBUTION TERMINALS

TERMINAL NUMBER	SOURCE NAME/LOCATION
45 (12149)	ALLIANCE SAND & GRAVEL HUNTSVILLE PORT TERMINAL HUNTSVILLE , AL
46 (12180)	WIREGRASS CONSTRUCTION INC CLANTON TERMINAL CLANTON, AL
47 (12181)	WIREGRASS CONSTRUCTION INC FALKVILLE TERMINAL FALKVILLE, AL
48 (12182)	WIREGRASS CONSTRUCTION INC ASHVILLE TERMINAL ASHVILLE, AL
49 (12183)	WIREGRASS CONSTRUCTION INC BIRMINGHAM TERMINAL BIRMINGHAM, AL
50 (12184)	WIREGRASS CONSTRUCTION INC JASPER TERMINAL JASPER, AL
52 (12186)	DUNN CONSTRUCTION EAST THOMAS TERMINAL BIRMINGHAM, AL

REDISTRIBUTION TERMINALS

TERMINAL NUMBER	SOURCE NAME/LOCATION
53 (12187)	DUNN CONSTRUCTION LAKESHORE TERMINAL BIRMINGHAM, AL
54 (12188)	DUNN CONSTRUCTION LONGVIEW TERMINAL SAGINAW, AL
55 (12189)	DUNN CONSTRUCTION TARRANT TERMINAL BIRMINGHAM, AL
56 (12193)	VULCAN MATERIALS NOTASULGA TERMINAL LOACHAPOKA, AL
57 (12197)	WIREGRASS CONSTRUCTION INC LAMBERT REDISTRIBUTION TERMINAL SHORTER, AL
58 (12198)	WIREGRASS CONSTRUCTION INC ALLSTATE REDISTRIBUTION TERMINAL DEATSVILLE, AL
59 (12200)	WARREN PAVING ORANGE BEACH TERMINAL ORANGE BEACH

REDISTRIBUTION TERMINALS

TERMINAL NUMBER	SOURCE NAME/LOCATION
60 (12206)	MIDSOUTH HELENA TERMINAL HELENA, AL
61 (12209)	LAFARGE HOLCIM THEODORE TERMINAL THEODORE, AL
62 (12210)	ALLIANCE SAND & GRAVEL STATE DOCKS TERMINAL DECATUR, AL
63 (12211)	EAST ALABAMA PAVING COMPANY AUBURN TERMINAL AUBURN, AL
64 (12391)	WIREGRASS CONSTRUCTION BRANTLEY TERMINAL BRANTLEY ALABAMA
65 (12646)	WIREGRASS CONSTRUCTION INC RIVER FALLS TERMINAL RIVER FALLS AL
66 (12390)	WIREGRASS CONSTRUCTION INC ARITON TERMINAL ARITON AL

REDISTRIBUTION TERMINALS

TERMINAL NUMBER	SOURCE NAME/LOCATION
67 (12399)	WIREGRASS CONSTRUCTION INC HICKORY BEND TERMINAL MONTGOMERY AL
68 (12662)	VULCAN MATERIALS COMPANY CANTONMENT YARD TERMINAL CATONMENT FL
69 (12676)	ALLIANCE SAND & GRAVEL FLORENCE PORT TERMINAL FLORENCE AL
70 (12718)	MARTIN MARIETTA MATERIALS ALABASTER TERMINAL ALABASTER AL
71 (12732)	VULCAN MATERIALS CO FT. PAYNE TERMINAL FT. PAYNE AL
72 (12734)	VULCAN MATERIALS CO HUNTSVILLE TERMINAL HUNTSVILLE AL
73 (12733)	VULCAN MATERIALS CO LAKESHORE TERMINAL BIRMINGHAM AL
74 (12740)	SRM MATERIALS, LLC WATCO TERMINAL DECATUR AL

NOTES

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- NOTE 1:** Material Shall not be used in Portland Cement Concrete or Bituminous Applications, due to L.A. Abrasion as per Section 801.03(b) of the ALDOT Specifications. Materials is suitable for all other uses.
- NOTE 2:** Material shall not be used in Portland Cement Concrete due to total silica content per Section 801.02 of the ALDOT Specifications, unless otherwise mitigated in mix per ALDOT Specifications 801.
- NOTE 3:** Material has limited use as per Section 423 and/or 424 of the ALDOT Specifications, due to its sand equivalent number.
- NOTE 4:** Material Shall not be used in bituminous plant mixes and bridge superstructure concrete (except prestressed concrete), due to its bulk specific gravity per Section 801.03(a), and/or absorption per Section 801.02(g) of the ALDOT Specifications.
- NOTE 5:** Material shall not be used in bituminous surface treatments or concrete as per Section 801.02 of the ALDOT Specifications due to wash test failure.
- NOTE 6:** Material shall not be used in Stone Matrix Asphalt (SMA) as per Section 423.02(a) of the ALDOT Specifications due to its content of 3:1 flat and elongated particles.