

The following is a list of fine aggregate sources established according to the requirements as set for in Standard Operating Procedure No. 1, "Monitoring the Quality of Coarse and Fine Aggregates." These sources have proven their capability of meeting the requirements of Section 801.2.02 of the Standard Specifications. The sources listed have approved Quality Control Programs and materials they certify may be used in Portland cement concrete prior to project control tests unless non-uniform or non-specification materials are suspected. Section 106 of the Standard Specifications provides that the approval of preliminary samples does not obligate the Engineer to accept materials from the same source delivered later.

#### QPL 1

#### **Concrete Sand Sources**

#### Section A "Standard Source List"

#### Pit and Quarry Control Branch

15 Kennedy Drive Forest Park, GA 30297 Office Phone (404) 608-4846 Office Fax (404) 608-4752

FINE AGGREGATE SOURCES ARE RESTRICTED FROM USE IN THOSE CLASSES AND TYPES OF PORTLAND CEMENT CONCRETE IN WHICH MIX DESIGNS HAVE NOT BEEN ESTABLISHED AND/OR APPROVED BY THE OFFICE OF MATERIALS AND TESTING. ALL NATURAL SANDS (PRODUCT 10NS), EXCEPT WHERE NOTED, ARE RESTRICTED FROM BITUMINOUS APPLICATIONS EXCEPT WHERE LOCAL SANDS ARE ALLOWED.

For the purpose of this list, the descriptions listed under CHARACTER OF MATERIAL are very general.

<b>Producer/Location</b>	Source	Character of	DOT 319	Agg	regate	Speci	ific Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code	Group	Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt.	Equivalent Value	Factor	
										Moist.	v aluc		
Atlanta Sand & Supply Company Byron, GA 1220 Smith RD Byron, GA 31008 770-366-2329	240F	Alluvial/Marine Sand	1	II	10NS	2.599	2.616	2.633	0.50	98.5/14.6	79	77	
Burke Mine (Roberta, GA) West Sand Pit Rd HWY 41S Roberta, GA 31078 478-836-4275	002F	Alluvial/Marine Sand	1	II	10NS	2.617	2.627	2.644	0.39	100.7/14.3	90	85	
Fort Gordon Mine (Matthews, GA) 3282 Old Warrenton Road Matthews, GA 30818 478-550-6457	256F	Alluvial Sand	1	II	10NS	2.619	2.625	2.633	0.20	104.5/11.8	84	89	



<b>Producer/Location</b>	Source	<b>Character of</b>	DOT 319	Agg	regate	Speci	ific Grav	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code	Group	Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
Atomic Sand, LLC North Augusta, SC 12169 Atomic Rd. Beech Island, SC 29842 803-556-2110	003F	Alluvial Sand	1	II	10NS	2.598	2.610	2.630	0.46	102.6/12.6	86	91	
CEMEX Deerfield Sand Mine (Tillman, SC) 7630 Deerfield RD Tillman, SC 29943 843-784-2261	028F	Alluvial/Marine Sand	1	II	10NS	2.636	2.643	2.655	0.28	101.6/14.5	98	97	
Union Sand Mine (Ludowici, GA) Union Silica Road Ludowici, GA 31316 912-545-2622	110F	Alluvial Sand	1	II	10NS	2.638	2.643	2.651	0.19	102.2/12.9	99	96	
E.R. Jahna Industries, Inc. Savannah Sand Mine (Fleming, GA) 828 Rogers Pasture RD Fleming, GA 31309 863-676-9431	238F	Alluvial/Marine Sand	1	II	10NS	2.628	2.634	2.643	0.22	108.6/9.9	96	98	



Producer/Location	Source	Character of	DOT 319	Agg	regate	Speci	ific Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code	Group	Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
Foley Materials Co. State Docks Plant (Phenix City, AL) 400 State Docks RD Phenix City, AL 36867 706-442-1698	227F	Alluvial Sand	1	II	10NS	2.608	2.628	2.662	0.77	102.5/16.3	96	92	
Foley Materials Co. City Pit- Montgomery, AL 2155 Riverside Road Montgomery, AL 36117 205-389-0128	193F	Alluvial Sand	1	II	10NS	2.619	2.630	2.647	0.41		92	91	
Full Circle Aggregates, LLC Graniteville, SC 581 Rainbow Falls Rd. Graniteville, SC 29829 803-663-7993	249F	Alluvial Sand	1	II	10NS	2.584	2.596	2.616	0.47	101.9/15.2	84	83	
Georgia Stone Products, LLC 2193 Athens Highway Elberton, GA 30635 706-371-2161	252F	Granite	1	II	10FM	2.622	2.630	2.644	0.31		81	81	
Cumming, GA 4870 Leland Drive Cumming, GA 30041 706-961-9963	162F	Residual Sand	1	II	10NS	2.621	2.628	2.639	0.25		80	78	



Producer/Location	Source	<b>Character of</b>	DOT 319	Agg	regate	Speci	fic Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code		Product		S.S.D		Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
<b>Jefferson, GA</b> 360 Quarry RD Jefferson, GA 30549 706-693-2433	192F	Granite	2	II	10FM	2.669	2.674	2.682	0.91		85	84	
Greenbriar Sand 1519 Copelan Road Madison, GA 30650 706-653-0571	266F	Alluvial Sand	2	II	10NS	2.587	2.590	2.618	0.45		96	90	
Heidelberg Materials Fayette County, GA 100 Peggy Lane Tyrone, GA 30290 770-964-1591	117F	Granite Gneiss/Amphibolite	2	II	10FM	2.650	2.656	2.667	0.24	114.6/11.2	82	77	Note 2 (a)
Gainesville, GA 2955 Candler RD Gainesville, GA 30507 770-536-4753	040F	Mylonitized Granite Porphyry	2	II	10FM	2.621	2.628	2.639	0.27	116.1/10.6	79	77	
2955 Candler RD Gainesville, GA 30507 770-536-4753	040B	Mylonitized Granite Porphyry	2	II	10FM Blend	2.614	2.620	2.629	0.23		75	77	Note 2 (a) & Note 9
Lithonia, GA 6978 Rogers Lake RD Lithonia, GA 30058 770-482-7231	161F	Granite Gneiss	2	II	10SM	2.611	2.623	2.643	0.46		82	84	
<b>Toccoa, GA</b> 2344 Rock Quarry Circle Toccoa, GA 30577 706-886-5225	188F	Granite Gneiss	2	II	10FM	2.649	2.655	2.667	0.25		82	83	Note 2 (a)



<b>Producer/Location</b>	Source	<b>Character of</b>	DOT 319	Agg	regate	Speci	ific Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code	Group	Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
<b>Walton County, GA</b> 4815 HWY 186 Good Hope, GA 30641 770-532-6351	226F	Biotite Gneiss	2	II	10FM	2.656	2.663	2.673	0.23		74	73	Note 2 (b)
Lambert Materials, LLC Shorter, AL 1552 Banks McDade RD Shorter, AL 36075 334-725-2255	228F/B	Alluvial Sand	1	II	10NS	2.624	2.638	2.659	0.49		99	92	Note 2a
Shorter, AL 2291 Tysonville Loop Shorter, AL 36075 334-648-6223	231F	Alluvial Sand	1	II	10NS	2.611	2.622	2.640	0.41		95	95	
Luck Stone College Park, GA 5401 W. Lees Mill Rd. College Park, GA 30349 770-909-8600	190F	Granite Gneiss/ Manufactured Sand	2	п	10SM	2.654	2.664	2.680	0.38		76	77	
Martin Marietta													
<b>Auburn, GA</b> 301 Parks Mill Road Auburn, GA 30011 770-963-6123	264F	Biotit Gneiss	2	II	10SM	2.619	2.626	2.636	0.26		81	83	



<b>Producer/Location</b>	Source	<b>Character of</b>	<b>DOT 319</b>	Agg	regate	Speci	ific Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code		Product		S.S.D		Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
Ball Ground, GA 970 Old Nelson RD Ball Ground, GA 30107 770-735-4783	172F	Siliceous Marble	3	I	10FM	2.739	2.749	2.765	0.37		78	79	
<b>Calhoun, TN</b> 130 Co. Rd. 971 Calhoun, TN 37309 770-652-4546	258F	Limestone		I	10FM	2.717	2.740	2.780	0.33		89	80	
Cumming, GA 2015 Ronald Reagan BLVD Cumming, GA 30041 770-887-4529	173F(fm)	Granite Gneiss	1	II	10FM	2.730	2.736	2.747	0.21	121.5/11.0	83	79	
Douglasville, GA 13181 Veterans Memorial Hwy Douglasville, GA 30134 678-255-4640	016F	Granite Gneiss	2	II	10FM	2.614	2.623	2.639	0.31		81	78	
Edgefield, SC 36 Lloyd RD Trenton, SC 29847 803-637-0800	247F	Granite Gneiss	2	II	10SM	2.601	2.619	2.649	0.70		87	81	Note 2 (a)
<b>Gaston, SC</b> 1110 Access Road Gaston, SC 29053 770-652-4546	251F	Alluvial Sand	1	II	10NS	2.577	2.596	2.629	0.77		75	88	
Homer, GA 385 GA 51 Homer, GA 30547 706-67-8225	270F	Biotite Gneiss	2	II	10FM	2.631	2.636	2.646	0.21		79	75	

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<b>Producer/Location</b>	Source	<b>Character of</b>	DOT 319	Agg	regate	Speci	fic Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code	Group	Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
Lexington, SC 5960 Edmund HWY Lexington, SC 29073 803-955-0771	244F	Alluvial Sand	1	II	10NS	2.626	2.637	2.660	0.52		77	88	
Lithonia, GA 7621 Rock Mountain RD Lithonia, GA 30058 770-482-2396	017F	Granite Gneiss	2	II	10FM	2.624	2.631	2.642	0.26	112.7/8.9	84	82	
Morgan County, GA 1761 Seven Islands Rd. Buckhead, GA 30625 706-342-9175	194F	Granite Gneiss	2	II	10FM	2.663	2.681	2.711	0.66	120.8/10.0	88	96	Note 2(a)
Newton County, GA 575 Marble DR Oxford, GA 30054 770-786-1210	128F	Granite Gneiss	2	II	10SM	2.625	2.635	2.651	0.37	108.7/9.6	86	81	
Paulding County, GA 112 Quarry DR Dallas, GA 30132 770-443-0066	210F	Granitic Gneiss	2	II	10FM	2.621	2.629	2.642	0.29		82	77	
Red Oak, GA 5414 Buffington RD Red Oak, GA 30272 404-766-5231	181F	Granitic Gneiss/ Amphibolite Gneiss	2	II	10FM	2.687	2.696	2.712	0.30	116.4/11.2	75	79	
Rome, GA- Six Mile Quarry 3785 Cave Springs Road Rome, GA 30161 770-652-4546	215F	Limestone	3	I	10FM	2.674	2.710	2.773	1.19		77	78	



<b>Producer/Location</b>	Source	<b>Character of</b>	DOT 319	Agg	regate	Speci	ific Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code	Group	Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
<b>St. George, GA</b> 6700 Stokes Road St. George, GA 31562 912-843-6342	263F	Alluvial Sand	1	II	10NS	2.651	2.659	2.672	0.31		99	99	
<b>Tyrone, GA</b> 200 Rockwood RD Tyrone, GA 30290 770-487-4187	030F	Granite Gneiss/ Amphibolite	2	II	10FM	2.669	2.676	2.689	0.28	117.6/9.4	72	70	
Meldrim Materials Guyton, GA 2302 Sand Hill Road Guyton, GA 31312 912-270-3744	259F	Alluvial Sand	1	II	10NS	2.640	2.646	2.655	0.22	106.5/8.0	95	86	
Midsouth Aggregates Mulberry Quarry (Dallas, GA) 6580 Mulberry Rock RD Dallas, GA 30157 770-630-6919	216F	Granite Gneiss	2	II	10FM	2.601	2.611	2.629	0.50		74	84	Note 2 (a)
Forsyth County, GA 3561 Peachtree PKWY Suwanee, GA 30024 770-887-6711	174F	Granitic Gneiss	2	II	10FM	2.689	2.697	2.710	0.29		77	79	
Warren County, GA 75 Gheesling RD Camak, GA 30807 706-465-9565	246F	Granite Gneiss	2	II	10FM	2.644	2.654	2.671	0.38		77	85	Note 2 (b)



Producer/Location	Source	Character of	DOT 319	Agg	regate	Speci	fic Grav	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code		Product		S.S.D		Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
Monteagle Sand Company Monteagle, TN 660 Tressell RD Monteagle, TN 37356 931-924-7263	209F	Crushed Sandstone	1	П	10NS	2.550	2.570	2.599	0.70		81	73	
Piedmont Sand Pageland, SC 952 Thompson Creek Road Pageland, SC 29728 843-672-3477	267F	Alluvial Sand	1	п	10NS	2.615	2.625	2.637	0.32		85	85	
Ponderosa Sand & Gravel Ider, AL 78 County Road 718 Ider, AL 35981 256-632-3030	250F	Alluvial Sand	1	II	10NS	2.589	2.607	2.621	0.32		82	79	
Rogers Group, inc. Butler, GA 186 Lewis Watson, Jr., RD Butler, GA 31006 256-366-1409	007F	Alluvial/Marine Sand	1	II	10NS	2.614	2.625	2.643	0.43	101.0/11.9	88	85	
Mauk, GA 2762 HWY 90 W Mauk, GA 31058 256-366-1409	236F	Alluvial Sand	1	II	10NS	2.618	2.632	2.654	0.51	98.1/14.3	95	94	Note 8



<b>Producer/Location</b>	Source	<b>Character of</b>	DOT 319	Agg	regate	Speci	fic Grav	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code	Group	Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
Rountree Construction Company Lake Park 1275 Valentine Road Lake Park, GA 31636 229-244-8504	262F	Alluvial/Marine Sand	1	II	10NS	2.641	2.646	2.655	0.20	100.9/11.2	97	99	
Mud Creek Mine (Lakeland, GA) 201 Ivey RD Lakeland, GA 31635 229-244-8504	204F	Alluvial/Marine Sand	1	II	10NS	2.648	2.651	2.655	0.11		97	94	
Scruggs Company/Montgomery Sand Mt. Vernon Mine (Mt. Vernon, GA) 200 HWY 280 W Mt. Vernon, GA 30445 229-242-2388	093F	Alluvial Sand	1	п	10NS	2.622	2.633	2.651	0.41	99.3/11.7	96	89	
Scruggs Sand Company Adel Mine #2 (Adel, GA) 7810 Antioch RD Adel, GA 31620 229-242-2388	220F	Alluvial/Marine Sand	1	II	10NS	2.644	2.649	2.657	0.19	104.7/14.9	99	99	



Producer/Location	Source	<b>Character of</b>	DOT 319	Agg	regate	Speci	fic Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code	Group	Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
Scruggs Company- Riverbend Mine (Nashville, GA) 897 Sand Pit LN Nashville, GA 30639 229-242-2388	151F	Alluvial/Marine Sand	1	II	10NS	2.641	2.646	2.656	0.22	101.1/11.2	86	96	
Sequatchie Concrete Service Sewanee, TN 15878 Sewanee HWY Sewanee, TN 37375 931-580-0826	203F	Alluvial/ Marine Sand	1	II	10NS	2.586	2.604	2.634	0.71		92	87	
SE Sand & Aggregates, LLC Hephzibah, GA Rt 1 Albion Road Hephzibah, GA 30815 706-829-7741	248F	Alluvial Sand	1	II	10NS	2.631	2.633	2.638	0.10	103.1/13.0	95	98	
Shoreline Aggregates Port Rousse Diorite Quarry 325 Highway 410 PO Box 184 Baie Verte, Newfoundland Canada AOK 1 B0 1-709-764-5048	265F	Diorite	2	II	10FM	2.687	2.696	2.711	0.33		90	86	



Producer/Location	Source	<b>Character of</b>	DOT 319	Agg	regate	Speci	ific Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code	Group	Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
South Georgia Sand, LLC Albany, GA 3000 MLK Jr. Dr. Albany, GA 31707 772-519-2989	253F	Alluvial Sand	1	II	10NS	2.632	2.641	2.657	0.36	103.9/14.9	86	88	
Bainbridge, GA 1425 Newton Road Bainbridge, GA 31717 229-243-0504	037F	Alluvial Sand	1	II	10NS	2.634	2.642	2.654	0.30	101.9/13.1	91	84	
Southeastern Performance Minerals, LLC Sandersville, GA 1132 Veal Road Sandersville, GA 31082 478-553-0048	268F	Alluvial Sand	1	п	10NS	2.603	2.612	2.628	0.36	97.7/13.9	96	92	Note 2a
SRM Materials HWY 90 S Junction City, GA 31812 615-490-4661	166F	Alluvial/Marine Sand	1	II	10NS	2.625	2.636	2.654	0.42	97.8/12.3	86	91	
Standard Sand & Silica Ivey Mine (Stevens Pottery, GA) 300 Zeppelin RD Ivey, GA 31031 478-932-5375	047F	Alluvial/ Marine Sand	1	II	10NS	2.612	2.622	2.640	0.41	102.2/13.0	83	84	



Producer/Location	Source	Character of	DOT 319	Agg	regate	Speci	fic Grav	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code	Group	Product		S.S.D		Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
Vulcan Materials Company Adairsville, GA 292 E Mitchell RD Adairsville, GA 30103 770-773-3217	158F	Dolomite	3	I	10SM	2.744	2.758	2.784	0.52		90	92	Note 1
<b>Appling, GA</b> 5868 Columbia Road Grovetown, GA 30813 404-456-1712	255F	Granite	2	II	10SM	2.627	2.687	2.653	0.38		86	87	
<b>Aragon, GA</b> 3172 Rome Highway Aragon, GA 30104 770-684-1639	243F	Dolostone/ Limestone	3	I	10FM	2.668	2.684	2.710	0.60		87	89	Note 1
Cherokee County, GA 4420 Hightower RD Ball Ground, GA 30107 678-947-3310	223F	Granite Gneiss/ Metasandstone	2	II	10FM	2.645	2.653	2.668	0.39		74	74	
Dalton, GA 585 Cherokee Estate RD Dalton, GA 30721 706-259-3361	088B	Limestone	3	I	10SM	2.624	2.653	2.703	1.08		75	83	Note 1 & Note 3
Forest Park, GA 223 Lees Mill RD Forest Park, GA 30297 404-766-8366	222F	Granite Gneiss/ Amphibolite	2	II	10FM	2.666	2.674	2.688	0.30	119.9/9.6	78	78	Note 2 (b)



<b>Producer/Location</b>	Source	<b>Character of</b>	DOT 319	Agg	regate	Speci	ific Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code		Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
Friendship Quarry (Buford, GA) 4195 Friendship RD Buford, GA 30519 770-945-6729	164F	Granite Gneiss	2	II	10FM	2.624	2.638	2.661	0.53	129.7/6.9	76	75	
Kennesaw, GA 1272 Duncan Road Kennesaw, GA 30144 770-427-2401	254F	Meta-Quartz Diorite	2	II	10SM	2.778	2.786	2.797	0.27		76	78	
<b>LaGrange, GA</b> 628 Vulcan Materials RD LaGrange, GA 30240 706-882-8872	131F	Granite Gneiss	2	II	10FM	2.670	2.676	2.686	0.23	115.7/9.9	82	73	
Lithia Springs, GA 7620 County Line RD Lithia Springs, GA 30122 770-948-6424	168F	Granite Gneiss	2	II	10FM	2.602	2.610	2.625	0.34	118.2/8.5	74	76	
Lithonia, GA 8648 Covington Hwy. Lithonia, GA 30058 770-482-8285	135(fm)	Granite Gneiss	2	II	10FM	2.614	2.621	2.632	0.26	114.8/7.1	90	81	Note 2 (a) & Note 4
8648 Covington Hwy. Lithonia, GA 30058 770-482-8285	135 (sm)	Granite Gneiss	2	II	10SM	2.597	2.596	2.610	0.34		80	74	
<b>Macon, GA</b> 7547 Hwy 87 N Juliette, GA 31046 478-477-3833	261F	Granite Gneiss	1	II	10FM	2.682	2.687	2.696	0.20	114.6/9.8	82	75	

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Producer/Location	Source	<b>Character of</b>	<b>DOT 319</b>	Agg	regate	Speci	ific Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code		Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
McCollum, GA 256 Elzie Johnson Road Madras, GA 30265 404-456-1712	269F	Biotite Gneiss/ Amphibolite	2	II	10SM	2.715	2.718	2.723	0.12	128.8/4.5	85	75	Note 2(b) & Note 7
Norcross, GA 1707 Beaver Ruin RD Norcross, GA 30093 770-923-2532	107F	Granite Gneiss/ Amphibolite	2	II	10SM	2.659	2.669	2.693	0.40		81	82	
Postell, GA 1263 Lite-n-Tie Road Macon, GA 31211 478-746-0244	260F	Mylonitic Gneiss/Amphibolite	2	II	10FM	2.711	2.721	2.738	0.36	115.4/10.9	75	81	
Rabun County, GA 2138 Kelly's Creek RD Rabun Gap, GA 30568 706-746-5331	058F	Granite/ Granite Gneiss	2	II	10SM	2.649	2.658	2.673	0.34		83	85	
<b>Sparta, GA</b> 14674 HWY 16 E Sparta, GA 31087 706-417-0002	241F	Granite	2	II	10FM	2.622	2.629	2.642	0.28	118.2/11.1	81	81	
Stockbridge, GA 3925 North Henry Blvd. Stockbridge, GA 30281 770-474-9197	108F(sm)	Granite Gneiss	2	II	10SM	2.617	2.624	2.635	0.30		79	76	
Villa Rica, GA 25 Old Rock Quarry RD Villa Rica, GA 30180 770-459-5134	207F	Granite Gneiss	2	II	10FM	2.643	2.650	2.663	0.25		81	81	



<b>Producer/Location</b>	Source	<b>Character of</b>	DOT 319	Agg	regate	Speci	ific Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code	Group	Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
Wiregrass Construction Co, Inc. Gadsden, AL 246 Boatfield Lane Gadsden, AL 35901 256-547-4104	211F	Alluvial Sand and Gravel	1	II	10NS	2.498	2.539	2.604	1.43		80	77	Note 7

NOTE 1: Group I sand is excluded from bridge deck concrete and Portland cement concrete paving because of aggregate polishing characteristics.

NOTE 2: Portland Concrete Design Restrictions (Current restrictions and exemptions should be verified through the Concrete Branch of the Office of Materials and Testing.)

- a. Restricted from use in Class AA-1 Portland cement concrete.
- b. Restricted from use in Class AA and AA-1 Portland cement concrete.
- c. Restricted from use in Class A, AA, and AA-1 Portland cement concrete.
- d. Restricted from other uses as determined by the Concrete Branch.
- NOTE 3: The Provision of Approved Status of this sand is "BLEND ONLY" which means it may be used only when blended with another material in such a manner as to produce a consistent final blend that meets all specification requirements for No. 10 concrete sand.
- NOTE 4: This source is approved to supply a high fine content sand (Product 10FM) as well as standard manufactured sand (Product 10SM).
- NOTE 5: This material may be used in bituminous mixes but shall be limited to no more than 20 percent of a mix, except where local sands are allowed.
- NOTE 6: The Provisional Approved Status of this sand is "BLEND ONLY" which means it may be used only when blended with another material in such a manner as to produce a consistent final blend that meets all specification requirements for No. 10 concrete sand. This material shall not exceed 30% of a mix.
- NOTE 7: Testing has shown this aggregate to be potentially alkali-silica reactive. Certain restrictions apply to its use in Portland cement concrete, and these restrictions must be verified by the Office of Materials and Testing prior to use.
- NOTE 8: This sand is produced by blending two local fine and coarse natural sand materials.
- NOTE 9: This sand is a blend of 80% crushed fines and 20% processed overburden fines.
- NOTE 10: Use of this aggregate in high temperature cured precast/prestressed requires mix design verification by the Concrete Branch of the Office of Materials and Testing.



Following is the list of fine aggregate sources that are approved to supply aggregates for limited use only. This list was established according to the requirements set forth in Standard Operating Procedure No. 1, "Monitoring the Quality of Coarse and Fine Aggregates." These sources have proven the capability of meeting the requirements applicable to the products and uses that are listed below.

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Fine Aggregate Sources

#### Section B "Temporary Sources List"

Pit and Quarry Control Branch

15 Kennedy Drive Forest Park, GA 30297 Office Phone (404) 608-4846 Office Fax (404) 608-4752

These listed sources have approved Quality Control Programs that are applicable to the products may be certified by the producer and may be used prior to project control tests unless non-uniform or non-specification material is suspected. Section 106 of the Standard Specifications provides that the approval of preliminary samples does not obligate the Engineer to accept materials from the same source delivered later.

For the purpose of this list, the descriptions listed under CHARACTER OF MATERIAL are very general.



Producer and Location of Source	Source Number	Character of Material	Aggregate Group	Approved Products
A Mining Group, LLC Quincy, FL 780 Crowder RD Quincy, FL 32351 850-875-1909	062T	Alluvial Sand	II	Natural Sand (10NS) for use in precast concrete
American Materials Company 5378 Broad Street Sumter, SC 29154 910-592-0180	186T	Alluvial Sand	II	Natural Sand (10NS) for use in precast concrete.
American Materials Company 1100 Pine Ridge West Columbia, SC 29172 910-592-0180	187T	Fine Aggregate	II	Natural Sand (10NS) for use in precast only
American Materials Company 8000 Stafford Place Gresham, SC 29546	202T	Fine Aggregate	II	Natural Sand (10NS) for use in precast or prestressed concrete
Blue Water Industries Lenoir City, TN 2107 Big Hill Road Lenoir City, TN 37772 865-548-2620	184T	Dolomitic Limestone	I	Manufactured Sand (10FM) for use in precast concrete



Producer and Location of Source	Source Number	Character of Material	Aggregate Group	Approved Products
Couch Aggregates, LLC Mossy Head, FL 998 Sand Mine RD Defuniak Springs, FL 32434 850-892-0485	172T	Alluvial Sand	п	Natural Sand (10NS) for use in precast or prestressed concrete
E. R. Jahna Industries, Inc. Green Bay Mine 4949 Sand Mine RD Davenport, FL 33897 863-424-0730	174T	Reworked Marine Sand	п	Natural Sand (10NS) for use in precast concrete
Haines City, FL 4910 State Road 544 Haines City, FL 33844 863-422-7617	169T	Reworked Marine Sand	п	Natural Sand (10NS) for use in precast concrete
Heidelberg Materials Gaston, SC 662 Boy Scout Road Gaston, SC 29053 803-794-4803	190T	Alluvial Sand	п	Natural Sand (10NS) for use in precast concrete
Sims, NC 7225 Neverson Road Sims, NC 27880 252-235-4162	198T	Granite	П	Manufactured Sand (10FM) for use in precast concrete.
Martin Marrietta Cottageville, SC 24042 Augusta Highway Cottageville, SC 29435 803-206-0248	201T	Fine Aggregate	II	Natural Sand (10NS) for use in precast concrete



Producer and Location of Source	Source Number	Character of Material	Aggregate Group	Approved Products
Martin Marietta, Loamy Sand & Gravel Bethune, SC 4540 Timrod Road Bethune, SC 29009 843-702-9881	257Т	Alluvial/Marine Sad	II	Natural Sand (10NS) for use in precast concrete
McIntyre Sand Company Union, SC (Askew Site) 209 Armory RD Union, SC 29379 864-545-2273	155T	Alluvial Sand	II	Manufactured Sand (10NS) for use in structural precast concrete
Murray Mines, Inc. Ridgeville, SC 26668 Augusta HWY Ridgeville, SC 29472 843-835-2373	171T	Alluvial Sand	II	Natural Sand (10NS) for use in precast concrete
Pine Bluff Minerals Nashville, TN 1030 Visco Drive Nashville, TN 37210 615-254-1956	210T	Biotite Gneiss	п	Natural Sand (10NS) Note 7: 15% Fly Ash required
Sloan Construction Blacksburg, SC 486 Shamon Road Blacksburg, SC 29702 864-839-7935	191T	Granite	II	Manufactured Sand (10FM) for structural precast concrete
Vulcan Materials Company Franklin, TN 1001 Downs Blvd. Franklin, TN 37064 615-794-3586	192T	Limestone	I	Manufactured Sand (10FM) for precast concrete

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Piedmont, SC 202 Brown RD Piedmont, SC 29673 864-277-1250	145T	Granite Gneiss	II	Manufactured Sand (10SM) for structural precast or prestressed concrete
Liberty, SC 705 Quarry RD Liberty, SC 29657 864-843-6335	140T	Granite Gneiss	II	Manufactured Sand (10FM) for structural precast concrete
Pacolet, SC 130 Vulcan RD Pacolet, SC 29372 864-474-2231	028T	Granite Gneiss	II	Manufactured Sand (10FM) for structural precast concrete



Following is a list of Fine Aggregate Vendor Sources established according to the requirements set forth in Standard Operating Procedure No. 1, "Monitoring the Quality of Coarse and Fine Aggregates." These sources vend materials that originate from approved sources or approved stockpiles.\*

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Fine Aggregate Sources

Section C "Vendor Sources List"

Pit and Quarry Control Branch

15 Kennedy Drive Forest Park, GA 30297 Office Phone (404) 608-4846 Office Fax (404) 608-4752

These listed sources have approved Quality Control Programs and materials they certify may be used prior to project control tests unless non-uniform or non-specification material is suspected. Section 106 of the Standard Specifications provides that the approval of preliminary samples does not obligate the Engineer to accept materials from the same source delivered later.



Vendor Name and	Source Number		*Original Sour	ce of Materials	
Location		Name and Location	Source Number	Name & Location	Source Number
Agg-Tran, LLC Cartersville, GA 219 Industrial Park RD Cartersville, GA 30121 770-606-1619	053V	Lambert Materials, LLC Shorter, AL	228F		
Hanson Aggregates Lithonia Vending Yard 6978 Rogers Lake RD Lithonia, GA 30058 770-482-7231	059V	Red Bluff, LLC Prattville, AL	232F		
Northwest Georgia Paving, Inc. 501 W. May Street Calhoun, GA 30701	072V	VMC Adairsville, GA	158F		
Sand Rock Transit Atlanta, GA 100 Huff Road, NW Atlanta, GA 30318 404-352-2508	012V	Lambert Materials, LLC Shorter, AL	228F		



The following list of sources do not meet criteria for being placed on Qualified Products List 1, Section A or B as set forth in Standard Operating Procedure No. 1, "Monitoring the Quality of Coarse and Fine Aggregates." Therefore these sources may not certify quality of aggregates shipped. However, SOP I does provide acceptance procedures to utilize specification materials as they are available.

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#### Fine Aggregate Sources

#### Section D "Stockpile Basis Only Sources List"

#### Pit and Quarry Control Branch

15 Kennedy Drive Forest Park, GA 30297 Office Phone (404) 608-4846 Office Fax (404) 608-4752

Availability of specification materials should be verified through the Office of Materials and Testing. Materials will be approved for shipment on a stockpile basis only. In addition, acceptance samples must be taken from materials delivered to the project or plant by departmental personnel and acceptability confirmed prior to use. The exception would be base, backfill and stabilizer material. These materials may be placed but not covered up or otherwise rendered inaccessible for correction or removal prior to acceptability being confirmed.

Vendor	Source Number	Character of Material	Aggregate Group	Approved Products
Ashapura Group Mumbai, India 278 D. N. Road Mumbai, India 400 001 91-22-6622-1-700, Ext: 891	043S	Calcined Bauzite	п	Calcined Bauxite for High-Friction Surface Treatment
Great Lakes Minerals, LLC Wurtland, KY 1200 Port RD Wurtland, KY 41144 606-833-8383	0395	Calcined Bauxite	п	Calcined Bauxite for High-Friction Surface Treatment
LKAB Minerals Ltd. Aliquippa, PA 500 Woodlawn RD Aliquippa, PA 15001 724-375-8315	042S	Calcined Bauxite	II	Calcined Bauxite for High-Friction Surface Treatment
Mineral Manufacturing Corporation Eufaula, AL 50 Harbinson Walker Road Eufaula, AL 36027 724-875-2512	045S	Calcined Bauzite	II	Calcined Bauxite for High-Friction Surface Treatment. SP 419