

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.

Producer/Loca	tion	Source	Character of	DOT 319	Agg	regate	Speci	fic Gra	vities	Percent	Density	Sand	Durability	Remarks
	N	Number	Material	Code	Group	Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt.	Equivalent Value	Factor	
											Moist.	v aruc		
Atlanta Sand & Supp Company Byron, GA 1220 Smith RD Byron, GA 31008 770-366-2329	bly	240F	Alluvial/Marine Sand	1	II	10NS	2.605	2.614	2.628	0.33	95.3/3.6	92	92	
Burke Mine (Rober GA) West Sand Pit Rd HV 41S Roberta, GA 31078 478-836-4275	.	002F	Alluvial/Marine Sand	1	II	10NS	2.608	2.617	2.630	0.32	100.3/14.3	87	91	



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	
Atomic Sand, LLC North Augusta, SC 1282 Atomic RD Beech Island, SC 29842 352-365-6522	003F	Alluvial Sand	1	II	10NS	2.622	2.630	2.644	0.32	103.3/5.6	86	94	
Brown Brothers Sand Company Mine #2 HWY 90 S Junction City, GA 31812 706-269-3257	166F	Alluvial/Marine Sand	1	п	10NS	2.617	2.626	2.641	0.34	98.6/16.6	86	94	
Butler Sand Company Butler, GA 186 Lewis Watson, Jr., RD Butler, GA 31006 478-862-5426	007F	Alluvial/Marine Sand	1	II	10NS	2.601	2.609	2.623	0.32	100.1/17.2	89	92	
C. B. Sand Company Mine #2 (Guyton, GA) 680 Murray Hill RD Guyton, GA 31312 912-728-7352	214F	Alluvial/Marine Sand	1	II	10NS	2.620	2.628	2.640	0.30	102.9/9.3	93	94	



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	
CEMEX Deerfield Sand Mine (Tillman, SC) 7630 Deerfield RD Tillman, SC 29943 843-784-2261	028F	Alluvial/Marine Sand	1	II	10NS	2.621	2.628	2.641	0.29	105.3/16.6	95	96	
Union Sand Mine (Ludowici, GA) Union Silica Road Ludowici, GA 31316 912-545-2622	110F	Alluvial Sand	1	II	10NS	2.624	2.632	2.645	0.29	103.5/13.0	97	97	
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	2.606	2.615	2.628	0.32	104.8/8.5	85	85	
Foley Materials Company Bickerstaff Mine (Phenix City, AL) 1371 Brickyard RD Phenix City, AL 31902 706-563-7882	091F	Alluvial Sand	1	п	10NS	2.621	2.628	2.640	0.33	110.3/15.0	91	88	
Butler, GA 770 Roberta HWY Butler, GA 31006 706-617-4705	239F	Alluvial/Marine Sand	1	II	10NS	2.615	2.624	2.638	0.34	97.3/15.3	90	87	



Producer/Location	Source	Character of	DOT 319	Agg	regate	Speci	fic Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code		Product	Bulk	S.S.D	APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
State Docks Plant (Phenix City, AL) 400 State Docks RD Phenix City, AL 36867 706-442-1698	227F	Alluvial Sand	1	II	10NS	2.607	2.617	2.635	0.40	100.1/18.3	91	93	
Montgomery, AL 2155 Riverside Road Montgomery, AL 36117 205-389-0128	193F	Alluvial Sand	1	II	10NS	2.619	2.627	2.641	0.31	103.2/13.5	96	95	
Full Circle Aggregates, LLC Graniteville, SC 581 Rainbow Falls Rd. Graniteville, SC 29829 803-663-7993	249F	Alluvial Sand	1	II	10NS	2.622	2.632	2.648	0.37	104.7/9.6	83	90	
Georgia Stone Products, LLC 2193 Athens Highway Elberton, GA 30635 706-371-2161	252F	Granite	1	II	10FM	2.617	2.626	2.641	0.34		95	87	
Hanson Aggregates Fayette County, GA 100 Peggy Lane Tyrone, GA 30290 770-964-1591	117F	Granite Gneiss/Amphibolite	2	II	10FM	2.629	2.638	2.654	0.35		77	84	Note 2 (a)



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	
Gainesville, GA 2955 Candler RD Gainesville, GA 30507 770-536-4753	040F	Mylonitized Granite Porphyry	2	II	10FM	2.611	2.620	2.634	0.34		84	85	
2955 Candler RD Gainesville, GA 30507 770-536-4753	040B	Mylonitized Granite Porphyry	2	II	10FM Blend	2.615	2.621	2.631	0.20		80	79	Note 2 (a) & Note 9
Habersham County, GA 500 Habersham Mills RD Demorest, GA 30535 706-754-4169	180F	Metasandstone, Biotite Quartzite	2	II	10SM	2.637	2.662	2.677	0.34		82	81	
Lithonia, GA 6978 Rogers Lake RD Lithonia, GA 30058 770-482-7231	161F	Granite Gneiss	2	II	10SM	2.608	2.617	2.631	0.33		87	87	
Toccoa, GA 2344 Rock Quarry Circle Toccoa, GA 30577 706-886-5225	188F	Granite Gneiss	2	II	10FM	2.622	2.632	2.647	0.35		80	84	Note 2 (a)
Walton County, GA 4815 HWY 186 Good Hope, GA 30641 770-532-6351	226F	Biotite Gneiss	2	II	10FM	2.649	2.658	2.673	0.33	96.3/14.6	83	82	Note 2 (b)



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	
Howard Sand Mauk, GA 2762 HWY 90 W Mauk, GA 31058 478-862-5426	236F	Alluvial Sand	1	п	10NS	2.602	2.610	2.623	0.31	97.6/18.9	96	95	Note 8
Lambert Materials, LLC Shorter, AL 1552 Banks McDade RD Shorter, AL 36075 334-725-2255	228F/B	Alluvial Sand	1	II	10NS	2.624	2.632	2.644	0.30	104.4/13.6	95	95	
Shorter, AL 2291 Tysonville Loop Shorter, AL 36075 334-648-6223	231F	Alluvial Sand	1	II	10NS	2.628	2.636	2.650	0.32	98.6/12.6	93	96	
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	2.676	2.677	2.691	0.31		89	87	
Martin Marietta Aggregates													
Gaston, SC 1110 Access Road Gaston, SC 29053 770-652-4546	251F	Alluvial Sand	1	II	10NS	2.614	2.627	2.648	0.50		97	98	



Producer/Location	Source	Character of	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	
Jefferson, GA 360 Quarry RD Jefferson, GA 30549 706-693-2433	192F	Granite	2	II	10FM	2.664	2.673	2.687	0.32		84	89	
Lexington, SC 5960 Edmund HWY Lexington, SC 29073 803-955-0771	244F	Alluvial Sand	1	II	10NS	2.624	2.633	2.647	0.32	107.5/10.1	77	100	
Lithonia, GA 7621 Rock Mountain RD Lithonia, GA 30058 770-482-2396	017F	Granite Gneiss	2	II	10FM	2.609	2.619	2.635	0.37		86	90	
Morgan County, GA 1761 Seven Islands Rd. Buckhead, GA 30625 706-342-9175	194F	Granite Gneiss	2	II	10SM	2.655	2.666	2.386	0.36		86	87	Note 2(a)
Newton County, GA 575 Marble DR Oxford, GA 30054 770-786-1210	128F	Granite Gneiss	2	II	10SM	2.626	2.635	2.651	0.36		86	84	
Paulding County, GA 112 Quarry DR Dallas, GA 30132 770-443-0066	210F	Granitic Gneiss	2	II	10FM	2.605	2.617	2.637	0.48		87	92	
Red Oak, GA 5414 Buffington RD Red Oak, GA 30272 404-766-5231	181F	Granitic Gneiss/ Amphibolite Gneiss	2	II	10FM	2.671	2.681	2.696	0.34		80	77	



Producer/Location	Source	Character of	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	
Tyrone, GA 200 Rockwood RD Tyrone, GA 30290 770-487-4187	030F	Granite Gneiss/ Amphibolite	2	II	10FM	2.646	2.655	2.670	0.36		84	91	
Martin Marietta Materials Ball Ground, GA 970 Old Nelson RD Ball Ground, GA 30107 770-735-4783	172F	Siliceous Marble	3	I	10FM	2.742	2.753	2.773	0.40		85	88	
Cumming, GA 2015 Ronald Reagan BLVD Cumming, GA 30041 770-887-4529	099F	Quartzite Residual Sand	1	II	10NS	2.655	2.664	2.680	0.31	110.5/8.4	95	84	Note 2 (a) & Note 5
2015 Ronald Reagan BLVD Cumming, GA 30041 770-887-4529	173F(fm)	Granite Gneiss	1	II	10FM	2.676	2.687	2.704	0.38		97	89	
2015 Ronald Reagan BLVD Cumming, GA 30041 770-887-4529	173F(sm)	Granite Gneiss/Amphibolite	2	II	10SM	2.696	2.706	2.722	0.36		83	96	
Douglasville, GA 6505 Bankhead HWY Douglasville, GA 30134 770-942-3118	016F	Granite Gneiss	2	II	10FM	2.627	2.635	2.649	0.31		78	81	
Edgefield, SC 36 Lloyd RD Trenton, SC 29847 803-637-0800	247F	Granite Gneiss	2	II	10SM	2.590	2.599	2.614	0.35		91	91	Note 2 (a)



Producer/Location	Source	Character of	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	
McLanahan Crushed Stone, Inc. Elberton, GA 1060 Crusher DR Elberton, GA 30635 706-283-1764	049F	Granite	2	II	10SM	2.618	2.628	2.644	0.37		94	90	Note 2 (a)
Midsouth Aggregates Mulberry Quarry (Dallas, GA) 6580 Mulberry Rock RD Dallas, GA 30157 770-630-6919	216F	Granite Gneiss	2	II	10FM	2.602	2.611	2.627	0.39		79	82	Note 2 (a)
Forsyth County, GA 3561 Peachtree PKWY Suwanee, GA 30024 770-887-6711	174F	Granitic Gneiss	2	II	10FM	2.708	2.718	2.735	0.37		74	82	
Warren County, GA 75 Gheesling RD Camak, GA 30807 706-465-9565	246F	Granite Gneiss	2	II	10FM	2.668	2.679	2.699	0.42		79	74	Note 2 (b)
Monteagle Sand Company Monteagle, TN 660 Tressell RD Monteagle, TN 37356 931-924-7263	209F	Crushed Sandstone	1	II	10NS	2.622	2.630	2.643	0.30	107.8/14.9	82	82	



Producer/Location	Source	Character of	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	
Ogeechee River Sand, LLC Guyton, GA 1036 Sandhill RD Guyton, GA 31312 912-856-5521	242F	Alluvial/Marine Sand	1	II	10NS	2.623	2.631	2.645	0.32	100.7/16.0	95	98	Note 2 (a)
Red Bluff, LLC Prattville, AL 1740 S Memorial DR Prattville, AL 36067 334-358-1811	232F	Alluvial Sand	1	п	10NS	2.627	2.635	2.648	0.29	101.7/13.4	97	95	
Ponderosa Sand & Gravel Ider, AL 78 County Road 718 Ider, AL 35981 256-632-3030	250F	Alluvial Sand	1	II	10NS	2.615	2.626	2.644	0.42		84	82	
Redland Sand, Inc. Greene County, GA 7090 Athens HWY Watkinsville, GA 30677 706-759-0085	233F	Alluvial Sand	1	II	10NS	2.594	2.599	2.615	0.37	99.4/9.9	94	86	
Riverbend Sand Company Willacoochee Mine (Nashville, GA) 897 Sand Pit LN Nashville, GA 30639 229-686-7733	151F	Alluvial/Marine Sand	1	II	10NS	2.630	2.637	2.650	0.29	104.7/6.2	89	92	



Producer/Location	Source	Character of	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	
Rountree Construction Company Cow Creek Mine (Mayday, GA) HWY 129S Mayday, GA 31642 229-244-8504	137F	Alluvial/Marine Sand	1	II	10NS	2.624	2.632	2.645	0.30	107.6/16.3	97	97	
Mud Creek Mine (Lakeland, GA) 201 Ivey RD Lakeland, GA 31635 229-244-8504	204F	Alluvial/Marine Sand	1	II	10NS	2.627	2.635	2.648	0.30	105.6/14.9	98	97	
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	2.616	2.624	2.638	0.33	103.1/13.3	94	98	
Scruggs Sand Company Adel Mine #2 (Adel, GA) 7810 Antioch RD Adel, GA 31620 229-242-2388	220F	Alluvial/Marine Sand	1	II	10NS	2.631	2.638	2.648	0.28	106.2/13.4	96	96	



Producer/Location	Source	Character of	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	
Sequatchie Concrete Service Sewanee, TN 15878 Sewanee HWY Sewanee, TN 37375 931-580-0826	203F	Alluvial/ Marine Sand	1	II	10NS	2.598	2.608	2.623	0.23	102.2/11.3	84	78	
SE Sand & Aggregates, LLC Hephzibah, GA Rt 1 Albion Road Hephzibah, GA 30815 706-829-7741	248F	Alluvial Sand	1	п	10NS	2.632	2.639	2.651	0.26	106.3/12.1	86	95	
Standard Sand & Silica Ivey Mine (Stevens Pottery, GA) 300 Zeppelin RD Ivey, GA 31031 478-932-5375	047F	Alluvial/ Marine Sand	1	II	10NS	2.609	2.617	2.630	0.32	102.1/13.2	91	86	
Toombs County, GA 9505 US 1 S Lyons, GA 30436 912-565-8441	119F	Alluvial Sand	1	II	10NS	2.618	2.626	2.638	0.28	98.9/17.0	95	95	
Vulcan Materials Company Adairsville, GA 292 E Mitchell RD Adairsville, GA 30103 770-773-3217	158F	Dolomite	3	I	10SM	2.786	2.805	2.840	0.68		91	87	Note 1



Producer/Location	Source	Character of	DOT 319	Agg	regate	Speci	fic Gra	vities	Percent	Density	Sand	Durability	Remarks
	Number	Material	Code	Group	Product	Bulk		APP	Absorption	lb/ft3 @ % Opt. Moist.	Equivalent Value	Factor	
Albany, GA 3000 MLK Jr. Dr. Albany, GA 31707 772-519-2989	253F	Alluvial Sand	1	II	10NS	2.628	2.636	2.649	0.30	101.4/10.5	100	98	
Aragon, GA 3172 Rome Highway Aragon, GA 30104 770-684-1639	243F	Dolostone/ Limestone	3	I	10FM	2.707	2.720	2.743	0.49		81	89	Note 1
Cherokee County, GA 4420 Hightower RD Ball Ground, GA 30107 678-947-3310	223F	Granite Gneiss/ Metasandstone	2	II	10FM	2.657	2.666	2.682	0.35		88	86	
Dalton, GA 585 Cherokee Estate RD Dalton, GA 30721 706-259-3361	088B	Limestone	3	I	10SM	2.685	2.707	2.745	0.81		85	85	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	2.674	2.685	2.704	0.41		79	92	Note 2 (b)
Friendship Quarry (Buford, GA) 4195 Friendship RD Buford, GA 30519 770-945-6729	164F	Granite Gneiss	2	II	10FM	2.632	2.641	2.656	0.36		87	80	



Producer/Location	Source	Character of	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	
Kennesaw, GA 1272 Duncan Road Kennesaw, GA 30144 770-427-2401	254F	Meta-Quartz Diorite	2	II	10SM	2.761	2.766	2.779	0.26		92	86	
LaGrange, GA 628 Vulcan Materials RD LaGrange, GA 30240 706-882-8872	131F	Granite Gneiss	2	II	10FM	2.632	2.641	2.655	0.33	116.0/11.3	87	80	Note 2 (a)
Lithia Springs, GA 7620 County Line RD Lithia Springs, GA 30122 770-948-6424	168F	Granite Gneiss	2	п	10FM	2.600	2.611	2.628	0.40		75	80	
Lithonia, GA 7840 Old Covington RD Lithonia, GA 30012 770-482-8285	135F(fm)	Granite Gneiss	2	II	10FM	2.624	2.632	2.645	0.32		85	82	Note 2 (a) & Note 4
7840 Old Covington RD Lithonia, GA 30012 770-482-8285	135F(sm)	Granite Gneiss	2	II	10SM	2.608	2.614	2.623	0.22		87	87	
Norcross, GA 1707 Beaver Ruin RD Norcross, GA 30093 770-923-2532	107F	Granite Gneiss/ Amphibolite	2	II	10SM	2.662	2.670	2.685	0.32		86	87	
Rabun County, GA 2138 Kelly's Creek RD Rabun Gap, GA 30568 706-746-5331	058F	Granite/ Granite Gneiss	2	II	10SM	2.646	2.655	2.670	0.34		89	90	



Producer/Location	Source	Character of	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	
Vulcan Materials Sparta, GA 14674 HWY 16 E Sparta, GA 31087 706-417-0002	241F	Granite	2	II	10FM	2.623	2.633	2.649	0.38	122.8/9.9	88	85	Note 2 (a)
Stockbridge, GA 3925 North Henry Blvd. Stockbridge, GA 30281 770-474-9197	108F(fm)	Granite Gneiss	2	II	10FM	2.624	2.633	2.648	0.34		85	86	
3925 North Henry Blvd. Stockbridge, GA 30281 770-474-9197	108F(sm)	Granite Gneiss	2	II	10SM	2.620	2.629	2.643	0.34		92	90	Note 4
Villa Rica, GA 25 Old Rock Quarry RD Villa Rica, GA 30180 770-459-5134	207F	Granite Gneiss	2	II	10FM	2.614	2.624	2.640	0.38	105.5/12.8	72	75	
Vulcan Materials Company/Florida Rock Division Bainbridge, GA 1425 Newton Road Bainbridge, GA 31717 229-243-0504	037F	Alluvial Sand	1	п	10NS	2.622	2.630	2.644	0.32	97.9/5.7	93	98	
William Sand Madison Valley, GA 800 Serenity Lane Danielsville, GA 30633 706-789-3779	198B	Alluvial Sand	1	II	10NS	2.637	2.649	2.669	0.47	105.1/14.6	88	80	Note 2(d) & Note 6



Producer/Location	Source Number	Character of Material	DOT 319 Code		regate Product	_	fic Gra S.S.D		Percent Absorption	Density lb/ft3 @ % Opt. Moist.	Sand Equivalent Value	Durability Factor	Remarks
800 Serenity Lane Danielsville, GA 30633 706-789-3779	198F	Alluvial Sand	1	II	10NS	2.628	2.637	2.639	0.32		84	82	Note 2 (a)
Wiregrass Construction Co, Inc. Gadsden, AL 246 Boatfield Lane Gadsden, AL 35901 256-547-4104	211F	Alluvial Sand and Gravel	1	II	10NS	2.578	2.600	2.634	0.82		82	91	Note 7



Producer/Location	Source	Character of	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 @	Equivalent	Factor	
										% Opt.	Value		
										Moist.			

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	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 listed. The listed 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	062Т	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
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 Number	Character of Material	Aggregate Group	Approved Products
Source				
B. V. Hedrick Gravel and Sand Lilesville, NC 403 Gravel Plant RD Lilesville, NC 28091 704-651-5749	114T	Alluvial Sand	II	Natural Sand (10NS) for use in prestressed concrete
Columbus Quarry, LLC				
Columbus, GA 3001 Smith RD Fortson, GA 31808 706-653-2144	151T	Granite Gneiss/ Amphibolite	п	Manufactured Sand (10FM) for use in precast concrete
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	II	Natural Sand (10NS) for use in precast concrete
Elmore Sand & Gravel Elmore, Alabama 1322 Marion Spillway Road Elmore, AL 36025 332-285-1805	185T	Alluvial Sand	п	Natural Sand (10NS) for use in precast concrete. (Note: Aggregate potentially is alkali-silica reactive. Use requires 15% cement replacement with Class F fly ash unless otherwise approved by the Office of Materials and Testing.)



Producer and Location of Source	Source Number	Character of Material	Aggregate Group	Approved Products
Martin Marietta Aggregates Denver, NC 4965 HWY 16 N Denver, NC 28037 704-392-1743	109Т	Porphyritic Granite	п	Manufactured Sand (10FM) 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	п	Natural Sand (10NS) for use in precast concrete
Vulcan Materials Company Piedmont, SC 202 Brown RD Piedmont, SC 29673 864-277-1250	145T	Granite Gneiss	п	Manufactured Sand (10SM) for structural precast or prestressed concrete
Liberty, SC 705 Quarry RD Liberty, SC 29657 864-843-6335	140T	Granite Gneiss	П	Manufactured Sand (10FM) for structural precast concrete
Pacolet, SC 130 Vulcan RD Pacolet, SC 29372 864-474-2231	028T	Granite Gneiss	II	Manufactured Sand (10SM) for structural precast concrete



Vulcan Materials Company/ Florida Rock Division Keystone Heights, FL 6547 State RD 21 Keystone Heights, FL 32656	120T	Alluvial Sand	II	Natural Sand (10NS) for use in precast or prestressed concrete
863-967-5920				



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	rce 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						
Martin Marietta Aggregates Lawrenceville, GA 543 Seaboard Industrial DR Lawrenceville, GA 30046 770-237-2119	014V	Lambert Materials, LLC Prattville, AL	228F/228B						
Northwest Georgia Paving, Inc. 501 W. May Street Calhoun, GA 30701	072V	VMC Adairsville, GA	158F						
Vendor Name and	Source Number	*Original Source of Materials							



Location		Name and Location	Source Number	Name & Location	Source Number
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	II	Calcined Bauxite for High-Friction Surface Treatment
Great Lakes Minerals, LLC Wurtland, KY 1200 Port RD Wurtland, KY 41144 606-833-8383	039S	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