

				7/28/2020			
INDOT Aggregate Bulk Specific Gravities							
				HMA		Concrete	
Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2109	Purdy Materials		Sand	2.579	1.95	2.630	1.95
2110	Whitesville Mill Service		11	3.726	0.90	3.772	1.24
2110	Whitesville Mill Service		Sand	3.644	1.50	3.699	1.50
2111	Roskovensky C & G		8	2.616	1.73	2.677	2.33
2111	Roskovensky C & G		Sand	2.608	1.50	2.647	1.50
2113	S & G Excavating	Gravel	8	2.577	2.08	2.649	2.79
2113	S & G Excavating	Crushed Gravel	8	2.597	1.77	2.659	2.37
2113	S & G Excavating		11	2.595	1.92	2.662	2.57
2113	S & G Excavating		23 Sand	2.589	1.54	2.629	1.54
2113	S & G Excavating	Crushed Gravel Sand	24 Sand	2.575	2.27	2.634	2.27
2135	Hanson	Ledges 1-701	8	2.653	0.91	2.686	1.25
2135	Hanson	Ledges 1-701	11	2.639	1.13	2.680	1.54
2135	Hanson	Ledges 1-701	Sand	2.635	1.28	2.668	1.28
2135	Hanson	Ledges 1-2	8	2.663	0.75	2.690	1.04
2135	Hanson	Ledges 1-2	11	2.656	0.87	2.688	1.20
2135	Hanson	Ledges 1-2	24 Sand	2.651	0.98	2.677	0.98
2136	U.S. Aggregates		8	2.626	1.60	2.683	2.16
2136	U.S. Aggregates		Sand	2.625	1.11	2.654	1.11
2143	U.S. Aggregates		8	2.608	1.74	2.669	2.34
2143	U.S. Aggregates		Sand	2.613	1.37	2.649	1.37
2157	Martin Marietta	Ledges 101-4	8	2.664	0.73	2.691	1.02
2157	Martin Marietta	Ledges 101-402	8	2.662	0.77	2.691	1.08
2157	Martin Marietta	Ledges 403-5	8	2.550	2.29	2.628	3.06
2157	Martin Marietta	Ledges 101-4	11	2.664	0.88	2.697	1.22
2157	Martin Marietta	Ledges 102-2	11	2.634	1.26	2.679	1.71
2157	Martin Marietta	Ledges 101-4	Sand	2.619	1.25	2.652	1.25
2157	Martin Marietta	Ledges 101-402	Sand	2.632	1.25	2.665	1.25
2163	S & G Excavating		8	2.571	2.09	2.643	2.79
2163	S & G Excavating		Sand	2.582	1.70	2.625	1.70
2164	Rogers Group		11	2.675	1.40	2.726	1.90
2164	Rogers Group		SC16	2.671	1.44	2.724	1.95
2164	Rogers Group	23 Natural Sand	23 Sand	2.612	1.52	2.652	1.52
2164	Rogers Group	QA 24 Manufactured Sand	24 Sand	2.635	1.84	2.684	1.84
2165	PRO-AGRI	16 Cr Gravel	SC 16	2.621	1.64	2.678	2.21
2165	PRO-AGRI	23 Natural Sand	23 Sand	2.604	1.59	2.645	1.59

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2165	PRO-AGRI	24 Cr Gravel Sand	24 Sand	2.593	2.12	2.647	2.12
2180	Lincoln Park Stone	Ledges 1-3	8	2.656	0.85	2.687	1.17
2180	Lincoln Park Stone	Ledges 1-6	8	2.653	0.90	2.686	1.24
2180	Lincoln Park Stone	Ledges 3-6	8	2.655	0.92	2.688	1.27
2180	Lincoln Park Stone	Ledges 1-3	11	2.656	0.92	2.689	1.27
2180	Lincoln Park Stone	Ledges 1-6	11	2.645	1.05	2.683	1.44
2180	Lincoln Park Stone	Ledges 3-6	11	2.648	0.98	2.684	1.35
2180	Lincoln Park Stone	Ledges 3-6	12	2.618	1.45	2.669	1.96
2180	Lincoln Park Stone	Ledges 1-3	Sand	2.529	2.80	2.600	2.80
2180	Lincoln Park Stone	Ledges 1-6	Sand	2.514	2.84	2.585	2.84
2180	Lincoln Park Stone	Ledges 3-6	Sand	2.535	2.82	2.606	2.82
2183	U.S. Aggregates		8	2.644	1.39	2.694	1.88
2183	U.S. Aggregates		Sand	2.616	1.46	2.654	1.46
2186	Harsco Metals		11	3.444	1.82	3.528	2.44
2186	Harsco Metals		Sand	3.437	2.24	3.513	2.24
2206	Elkhart County Gravel		8	2.684	1.31	2.732	1.78
2206	Elkhart County Gravel		Sand	2.627	1.17	2.658	1.17
2207	Niblock		8	2.608	1.68	2.667	2.26
2207	Niblock		Sand	2.617	1.32	2.651	1.32
2211	IMI	Ledges 2-4S, Ledge 4 Lvl2, Ledge 4 Lvl 3	QA 5	2.661	1.20	2.704	1.63
2211	IMI	Ledges 2-4S	8	2.526	2.32	2.604	3.09
2211	IMI	Ledge 4 Level 2	8	2.579	1.94	2.647	2.60
2211	IMI	Ledge 4 Level 3	8	2.561	2.48	2.645	3.31
2211	IMI	Ledges 2-4S	11	2.577	2.02	2.647	2.71
2211	IMI	Ledge 4 Level 2	11	2.623	1.73	2.684	2.32
2211	IMI	Ledge 4 Level 3	11	2.606	2.17	2.681	2.90
2211	IMI	L 2-4S, L 4 - Level 2 & 3	Sand	2.701	1.64	2.745	1.64
2211	IMI	Ledges 2-4S	Sand	2.781	0.63	2.799	0.63
2217	Leesburg Sand & Gravel		8	2.614	1.66	2.672	2.23
2217	Leesburg Sand & Gravel		23 Sand	2.617	1.25	2.650	1.25
2217	Leesburg Sand & Gravel	Crushed Gravel Sand	QA 24	2.628	1.87	2.677	1.87
2232	Hanson	Ledges 1-7E	8	2.624	1.87	2.690	2.51
2232	Hanson	Ledges 1-7W	8	2.632	1.75	2.694	2.35
2232	Hanson	Ledges 1-7 PCC	8	2.633	1.68	2.692	2.26
2232	Hanson	Ledges 1-7E	9	2.647	1.68	2.706	2.26
2232	Hanson	Ledges 1-7E	11	2.632	2.04	2.704	2.73
2232	Hanson	Ledges 1-7W	11	2.624	2.23	2.702	2.98
2232	Hanson	Ledges 1-7E, 8-9	Sand	2.676	2.01	2.729	2.01
2232	Hanson	Ledges 1-7W	Sand	2.709	1.54	2.751	1.54
2237	Hanson		8	2.633	1.60	2.675	2.15
2237	Hanson		11	2.630	1.81	2.694	2.44

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2237	Hanson		Sand	2.669	2.03	2.723	2.03
2238	Stone Street Quarries	Gravel	8	2.656	1.10	2.696	1.50
2238	Stone Street Quarries	Ledge 4	8	2.660	1.21	2.703	1.65
2238	Stone Street Quarries	Ledges 5-10, 11-15	8	2.650	1.73	2.712	2.33
2238	Stone Street Quarries	Ledges 16-17	8	2.650	1.93	2.718	2.59
2238	Stone Street Quarries	Gravel	11	2.649	1.24	2.694	1.68
2238	Stone Street Quarries	Ledges 4, 5-10, 11-15	11	2.676	1.57	2.733	2.11
2238	Stone Street Quarries	Ledges 16-17	12	2.700	1.957	2.771	2.62
2238	Stone Street Quarries	Ledges 4, 5-10, 11-15	Sand	2.689	1.77	2.736	1.77
2238	Stone Street Quarries	Ledges 16-17	Sand	2.717	1.47	2.757	1.47
2238	Stone Street Quarries	Natural Sand	Sand	2.632	1.20	2.664	1.20
2240	Hanson		8	2.637	1.33	2.685	1.80
2240	Hanson		11	2.622	2.39	2.706	3.19
2240	Hanson		Sand	2.628	1.22	2.660	1.22
2247	Irving Gravel		Sand	2.597	1.57	2.638	1.57
2248	Irving Gravel		Sand	2.603	1.42	2.640	1.42
2254	IMI	Ledges 3-4 E	8	2.601	2.29	2.681	3.06
2254	IMI	Ledges 604-8, Lvl 1	8	2.571	2.79	2.656	3.33
2254	IMI	Ledges 3-4E	11	2.618	2.02	2.689	2.70
2254	IMI	Ledges 3011-4	11	2.614	2.22	2.692	2.97
2254	IMI	Ledges 3-4 E	12	2.606	2.48	2.692	3.30
2254	IMI	Ledges 604-8, Lvl 1	12	2.556	3.05	2.649	3.65
2254	IMI	Ledges 604-8, Lvl 1	Sand	2.603	2.47	2.688	3.29
2262	IMI	Ledges 2-401E	8	2.622	1.91	2.689	2.56
2262	IMI	Ledges 402-12	8	2.660	1.56	2.716	2.10
2262	IMI	Ledges 2-401E, 402-12	9	2.651	1.69	2.711	2.27
2262	IMI	Ledges 2-401E	11	2.640	1.96	2.709	2.62
2262	IMI	Ledges 402-12	11	2.659	1.75	2.722	2.36
2262	IMI	Ledges 2-401E, 402-12	12	2.638	1.90	2.705	2.55
2262	IMI	Ledges 2-401E, 402-12	Sand	2.666	1.76	2.712	1.76
2266	U.S. Aggregates	Ledges 2-701	8	2.628	1.96	2.697	2.63
2266	U.S. Aggregates	Ledges 2-4	8	2.689	1.38	2.740	1.87
2266	U.S. Aggregates	Ledges 5-701	8	2.544	2.64	2.624	3.16
2266	U.S. Aggregates	Ledges 2-701	11	2.647	2.17	2.724	2.90
2266	U.S. Aggregates	Ledges 2-4	12	2.681	1.81	2.746	2.43
2266	U.S. Aggregates	Ledges 2-701	12	2.686	2.01	2.758	2.69
2266	U.S. Aggregates	Ledges 2-701	Sand	2.660	2.53	2.727	2.53
2267	U.S. Aggregates		8	2.626	1.69	2.686	2.28
2267	U.S. Aggregates		11	2.626	1.90	2.693	2.55
2267	U.S. Aggregates		Sand	2.684	1.90	2.735	1.90
2273	Niblock		8	2.637	1.53	2.691	2.07
2273	Niblock		12	2.587	1.80	2.649	2.41

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2273	Niblock		Sand	2.624	0.79	2.644	0.79
2283	Irving Gravel		8	2.622	1.57	2.677	2.11
2283	Irving Gravel		Sand	2.612	1.39	2.649	1.39
2294	R. Smith & Sons		8	2.653	1.24	2.698	1.68
2294	R. Smith & Sons		QA 8	2.682	1.06	2.721	1.45
2294	R. Smith & Sons		QA 11	2.690	1.22	2.735	1.66
2294	R. Smith & Sons	24 Crushed Gravel Sand	24 Sand	2.630	1.82	2.677	1.82
2294	R. Smith & Sons	23 Natural Sand	23 Sand	2.618	1.43	2.655	1.43
2295	Speedway Sand and Gravel		8	2.630	1.50	2.683	2.02
2295	Speedway Sand and Gravel		11	2.611	1.73	2.671	2.32
2295	Speedway Sand and Gravel		Sand	2.613	1.41	2.650	1.414
2303	Martin Marietta		8	2.635	1.54	2.690	2.08
2303	Martin Marietta		Sand	2.613	1.54	2.653	1.54
2306	IMI		8	2.638	1.55	2.693	2.09
2306	IMI		12	2.605	1.96	2.673	2.63
2306	IMI		Sand	2.634	1.28	2.667	1.28
2310	Martin Marietta		8	2.624	1.55	2.679	2.09
2310	Martin Marietta		Sand	2.627	1.27	2.660	1.27
2311	Martin Marietta	Ledges 1202-14	8	2.685	0.94	2.719	1.29
2311	Martin Marietta	Ledges 8-14	8	2.662	1.29	2.708	1.75
2311	Martin Marietta	Ledges 8-1102	8	2.654	1.34	2.702	1.82
2311	Martin Marietta	Ledges 702-1201	8	2.653	1.58	2.709	2.12
2311	Martin Marietta	Ledges 8-14	11	2.670	1.19	2.713	1.62
2311	Martin Marietta	Ledges 8-1102	11	2.642	1.48	2.694	2.00
2311	Martin Marietta	Ledges 702-1201	11	2.658	1.65	2.717	2.21
2311	Martin Marietta	Ledges 8-14	12	2.655	1.29	2.701	1.75
2311	Martin Marietta	Ledges 8-14	Sand	2.622	1.97	2.674	1.97
2311	Martin Marietta	Ledges 8-1102	Sand	2.609	1.86	2.657	1.86
2311	Martin Marietta	Ledges 702-1201	Sand	#REF!	#REF!	#REF!	#REF!
2312	Hanson	Gravel	8	2.635	1.34	2.683	1.82
2312	Hanson	Ledges 101-5	8	2.599	1.47	2.651	1.99
2312	Hanson	Ledges 11-1803	8	2.449	4.19	2.571	4.98
2312	Hanson	Ledges 1804-27	8	2.631	1.65	2.689	2.22
2312	Hanson	Ledges 101-5	11	2.596	1.66	2.653	2.23
2312	Hanson	Ledges 1804-27	11	2.611	2.03	2.682	2.72
2312	Hanson	23 Nat Sand	23 Sand	2.622	1.21	2.653	1.21
2312	Hanson	Ledges 101-5	24 Sand	2.563	2.14	2.617	2.14
2312	Hanson	Ledges 1804-27	24 Sand	2.624	2.13	2.680	2.13
2314	Martin Marietta	Ledges 2-401N	8	2.624	1.13	2.664	1.54
2314	Martin Marietta	Ledges 2-402	8	2.617	1.24	2.661	1.68
2314	Martin Marietta		11	2.616	1.40	2.666	1.90
2314	Martin Marietta		Sand	2.572	1.97	2.622	1.97

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2322	Rush County Stone	Ledges 1-3 W	8	2.366	4.93	2.505	5.86
2322	Rush County Stone	Ledges 5-10 W	8	2.678	1.25	2.724	1.70
2324	IMI	Gravel	8	2.608	1.89	2.674	2.54
2324	IMI	Ledges 3-8, 10-14	8	2.637	1.65	2.695	2.22
2324	IMI	Ledges 10-14	8	2.548	2.58	2.627	3.10
2324	IMI		Sand	2.610	1.74	2.656	1.74
2329	Caldwell Gravel Sales		8	2.633	1.63	2.691	2.19
2329	Caldwell Gravel Sales		Sand	2.626	1.53	2.666	1.53
2331	U.S. Aggregates		8	2.633	1.67	2.692	2.25
2331	U.S. Aggregates		11	2.621	2.13	2.695	2.85
2331	U.S. Aggregates	23 Natural Sand	Sand	2.607	1.97	2.658	1.97
2331	U.S. Aggregates	Crushed Gravel Sand	Sand	2.603	2.33	2.664	2.33
2333	IMI		8	2.630	1.78	2.693	2.40
2333	IMI		Sand	2.616	1.72	2.661	1.72
2334	Barrett Paving Materials	Ledges 2-4	8	2.682	1.36	2.731	1.84
2334	Barrett Paving Materials	Ledges 2-6	8	2.631	1.63	2.689	2.20
2334	Barrett Paving Materials	Ledges 2-4	11	2.676	1.56	2.732	2.10
2334	Barrett Paving Materials	Ledges 2-6	11	2.648	1.70	2.708	2.29
2334	Barrett Paving Materials	Ledges 2-4	Sand	2.730	1.37	2.767	1.37
2334	Barrett Paving Materials	Ledges 2-6	Sand	2.704	1.66	2.749	1.66
2338	IMI		8	2.647	1.48	2.700	1.99
2338	IMI		Sand	2.612	1.64	2.655	1.64
2341	IMI		8	2.578	2.15	2.652	2.87
2341	IMI		Sand	2.575	1.96	2.626	1.96
2347	IMI		8	2.607	1.84	2.671	2.47
2347	IMI		Sand	2.611	1.74	2.656	1.74
2348	IMI	Gravel	8	2.638	1.46	2.690	1.97
2348	IMI	Ledges 1-4	8	2.616	1.87	2.682	2.51
2348	IMI	Ledges 101-2	8	2.450	3.48	2.552	4.15
2348	IMI	Ledges 10-15	8	2.582	2.27	2.660	3.03
2348	IMI	Ledges 4-8	8	2.636	1.71	2.696	2.30
2348	IMI	Ledges 101-2	11	2.445	4.20	2.567	5.00
2348	IMI	Ledges 10-15	11	2.612	2.27	2.692	3.04
2348	IMI	Ledges 4-8	11	2.629	1.93	2.697	2.59
2348	IMI	Ledges 101-2	12	2.471	4.31	2.597	5.12
2348	IMI	Gravel	12	2.593	2.19	2.669	2.93
2348	IMI	23 Nat Sand	23 Sand	2.631	1.47	2.669	1.47
2348	IMI	Ledges 101-2	24 Sand	2.651	1.92	2.702	1.92
2348	IMI	Ledges 10-15	24 Sand	2.648	2.36	2.710	2.36
2353	Martin Marietta	Ledges 201-205	8	2.345	5.46	2.497	6.48

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2399	Shelby Materials		Sand	2.606	1.80	2.653	1.80
2408	American Aggregate		Sand	2.624	1.02	2.651	1.02
2409	Hanson - Material Service		8	2.676	1.01	2.703	1.38
2409	Hanson - Material Service		11	2.753	0.61	2.777	0.86
2410	Aggregate Industries		Sand	2.608	1.31	2.643	1.31
2411	Area Excavating		23 Sand	2.587	1.38	2.623	1.38
2411	Area Excavating	Crushed Gravel Sand	24 Sand	2.569	2.10	2.623	2.10
2421	U.S. Aggregates		8	2.720	1.05	2.759	1.43
2421	U.S. Aggregates		11	2.718	1.12	2.760	1.53
2421	U.S. Aggregates		Sand	2.777	0.75	2.798	0.75
2423	Engineering Aggregates	Ledges 1-5	8	2.473	3.28	2.570	3.92
2423	Engineering Aggregates	Ledges 6-9	8	2.487	3.48	2.590	4.15
2423	Engineering Aggregates	Ledges 1-5	11	2.483	3.43	2.585	4.10
2423	Engineering Aggregates	Ledges 6-9	11	2.463	4.12	2.584	4.91
2423	Engineering Aggregates	Ledges 1-5	Sand	2.544	3.34	2.646	3.34
2423	Engineering Aggregates	Ledges 6-9	Sand	2.537	4.15	2.663	4.15
2427	Segal Sand & Gravel		Sand	2.616	1.30	2.650	1.30
2428	U.S. Aggregates		8	2.638	1.35	2.686	1.83
2428	U.S. Aggregates		11	2.649	1.52	2.703	2.06
2428	U.S. Aggregates		Sand	2.749	0.95	2.775	0.95
2431	IMI		Sand	2.602	1.23	2.634	1.23
2439	Stockberger Trucking		Sand	2.591	1.31	2.625	1.31
2440	Hanson - Material Service	Level 1-2	8	2.718	0.75	2.746	1.05
2440	Hanson - Material Service	Level 3-4	8	2.744	0.69	2.770	0.97
2440	Hanson - Material Service	Level 4	8	2.751	0.71	2.779	0.99
2440	Hanson - Material Service	Level 5	8	2.737	0.84	2.769	1.17
2440	Hanson - Material Service	Level 1-2	11	2.726	0.87	2.759	1.20
2440	Hanson - Material Service	Level 1	11	2.732	0.82	2.762	1.13
2440	Hanson - Material Service	Level 2	11	2.754	0.62	2.779	0.88
2440	Hanson - Material Service	Level 3-4	11	2.750	1.01	2.788	1.39
2440	Hanson - Material Service	Level 3	11	2.749	0.77	2.778	1.06
2440	Hanson - Material Service	Level 4	11	2.772	0.59	2.795	0.84
2440	Hanson - Material Service	Level 5	11	2.752	0.88	2.785	1.21
2440	Hanson - Material Service	Levels 1,2,3	Sand	2.620	2.45	2.684	2.45
2440	Hanson - Material Service	Level 2	Sand	2.777	0.74	2.798	0.74
2440	Hanson - Material Service	Level 3	Sand	2.760	0.99	2.787	0.99
2445	Rogers Group	Ldg 1-2, Area 8, Level A	8	2.641	2.43	2.726	3.24
2445	Rogers Group	Ldg 1-2, Area 8, Level B-C	8	2.670	2.02	2.742	2.71
2445	Rogers Group	Ldg 1-2, Area 8, Level A	11	2.636	2.65	2.720	3.18

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2488	Beemsterboer		8	2.345	3.76	2.450	4.48
2488	Beemsterboer		11	2.394	3.63	2.498	4.33
2488	Beemsterboer	1/4 X 0 Q/A Slag	Q/A 1/4"	2.631	3.02	2.711	3.02
2495	Michiana Aggregate	23 Nat. Sand	23 Sand	2.579	1.49	2.617	1.49
2495	Michiana Aggregate	24 Q/A Man. Sand	24 Sand	2.486	3.49	2.572	3.49
2497	Engineering Aggregates		Sand	2.600	1.62	2.642	1.62
2498	Rieth-Riley Construction		8	2.552	2.38	2.633	3.18
2498	Rieth-Riley Construction		11	2.527	2.85	2.613	3.41
2498	Rieth-Riley Construction	Crushed Gravel	12	2.628	1.85	2.693	2.48
2498	Rieth-Riley Construction	23 Nat. Sand	23 Sand	2.606	1.21	2.637	1.21
2498	Rieth-Riley Construction	24 Q/A Crushed Gravel	Q/A 24	2.531	3.053	2.608	3.05
2503	Rogers Group		8	2.6625	1.80	2.727	2.41
2503	Rogers Group		11	2.661	2.02	2.733	2.71
2503	Rogers Group		Sand	2.662	2.30	2.723	2.30
2506	Martin Marietta		Sand	2.598	1.44	2.635	1.44
2509	Harrison Sand and Gravel		8	2.615	1.77	2.677	2.38
2509	Harrison Sand and Gravel	23 Natural Sand	23 Sand	2.613	1.72	2.658	1.72
2509	Harrison Sand and Gravel	24 Natural Sand	24 Sand	2.607	1.68	2.650	1.68
2510	New Point Stone	Ledge 1	8	2.576	2.68	2.658	3.21
2510	New Point Stone	Ledges 3-402	8	2.656	2.05	2.729	2.75
2510	New Point Stone	Ledge 1	11	2.596	2.59	2.676	3.10
2510	New Point Stone	Ledges 3-402	11	2.662	2.11	2.737	2.82
2510	New Point Stone	Ledge 1	16	2.516	4.32	2.645	5.14
2510	New Point Stone		Sand	2.537	3.80	2.634	3.80
2512	Hanson		Sand	2.596	1.59	2.637	1.59
2514	Harrison Sand and Gravel	Gravel	8	2.594	1.98	2.663	2.65
2514	Harrison Sand and Gravel	Crushed Gravel	8	2.629	1.47	2.681	1.98
2514	Harrison Sand and Gravel		Sand	2.604	1.60	2.646	1.60
2521	Rogers Group	Ledges 1-3	8	2.665	0.72	2.692	1.01
2521	Rogers Group	Ledges 4-6	8	2.653	0.88	2.685	1.22
2521	Rogers Group	Ledges 1-6	8	2.655	0.82	2.686	1.14
2521	Rogers Group	Ledges 1-3	11	2.666	0.72	2.693	1.00
2521	Rogers Group	Ledges 4-6	11	2.652	0.97	2.687	1.34
2521	Rogers Group	Ledges 1-6	11	2.652	0.95	2.686	1.31
2521	Rogers Group	Ledges 1-3	Sand	2.626	1.26	2.659	1.26
2521	Rogers Group	Ledges 4-6	Sand	2.593	1.84	2.640	1.84
2521	Rogers Group	Ledges 1-6	Sand	2.632	1.18	2.663	1.18
2522	Martin Marietta		8	2.614	1.65	2.672	2.22
2522	Martin Marietta		12	2.604	1.96	2.672	2.62
2522	Martin Marietta		Sand	2.598	1.69	2.642	1.69

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2523	Rogers Group	Crushed Gravel	11	2.645	1.35	2.693	1.82
2523	Rogers Group	23 Nat. Sand	Sand	2.617	1.38	2.653	1.38
2523	Rogers Group	24 Crushed Gravel Sand	Sand	2.592	2.19	2.649	2.19
2524	Rogers Group	Ledges 3-9	8	2.642	1.09	2.682	1.49
2524	Rogers Group	Ledges 4-8	8	2.665	0.79	2.694	1.10
2524	Rogers Group	Ledges 4-9	8	2.634	1.14	2.675	1.56
2524	Rogers Group	Ledges 701-9	8	2.546	2.34	2.625	3.12
2524	Rogers Group	Ledges 8-9	8	2.625	1.19	2.667	1.61
2524	Rogers Group	Ledges 3-9	11	2.646	1.28	2.692	1.73
2524	Rogers Group	Ledges 4-8	11	2.612	1.40	2.661	1.89
2524	Rogers Group	Ledges 4-9	11	2.614	1.37	2.662	1.86
2524	Rogers Group	Ledges 701-9	11	2.560	2.18	2.635	2.91
2524	Rogers Group	Ledges 3-9	Sand	2.577	2.01	2.628	2.01
2524	Rogers Group	Ledges 4-8	Sand	2.616	1.63	2.659	1.63
2524	Rogers Group	Ledges 4-9	Sand	2.577	2.00	2.629	2.00
2524	Rogers Group	Ledges 701-9	Sand	2.530	2.92	2.604	2.92
2524	Rogers Group	Ledges 8-9	Sand	2.546	2.57	2.611	2.57
2528	Northern KY Aggregates	Crushed Gravel	11	2.598	1.54	2.652	2.07
2528	Northern KY Aggregates		Sand	2.613	1.17	2.654	1.59
2531	U.S. Aggregates	Ledges 4-9	8	2.539	2.48	2.622	3.30
2531	U.S. Aggregates	Ledge 11	8	2.674	1.02	2.711	1.40
2531	U.S. Aggregates	Ledges 4-9	11	2.510	3.11	2.603	3.71
2531	U.S. Aggregates	Ledge 11	11	2.661	1.19	2.704	1.63
2531	U.S. Aggregates	Ledges 4-9	Sand	2.583	2.88	2.657	2.88
2531	U.S. Aggregates	Ledge 11	Sand	2.641	1.71	2.686	1.71
2533	New Point Stone	8 Stone - Ledge 2	8	2.638	1.67	2.698	2.25
2533	New Point Stone	8 Stone - Ledge 3	8	2.683	0.80	2.713	1.11
2533	New Point Stone	8 Stone - Ledges 1,2	8	2.646	1.40	2.696	1.89
2534	Shelby Matierals		Sand	2.613	1.46	2.651	1.46
2535	U.S. Aggregates	Ledge 11-12	8	2.664	1.38	2.713	1.87
2535	U.S. Aggregates	Ledges 402-9	8	2.586	2.08	2.658	2.79
2535	U.S. Aggregates	Ledges 11-12	11	2.666	1.49	2.720	2.01
2535	U.S. Aggregates	Ledges 402-9	11	2.564	2.64	2.645	3.16
2535	U.S. Aggregates	Ledge 8	Sand	2.666	2.49	2.732	2.49
2535	U.S. Aggregates	Ledges 11-12	Sand	2.676	1.64	2.720	1.64
2535	U.S. Aggregates	Ledges 402-9	Sand	2.633	2.20	2.691	2.20
2536	New Point Stone	Ledges 1-3	8	2.691	1.37	2.740	1.85
2536	New Point Stone	Ledges 1-5	8	2.683	1.40	2.734	1.89
2536	New Point Stone	Ledges 1002-1001	11	2.600	2.54	2.679	3.05
2536	New Point Stone	Ledges 1-5	11	2.702	1.21	2.746	1.64
2536	New Point Stone		Sand	2.625	1.95	2.676	1.95
2537	New Point Stone	Ledge 1	8	2.674	0.89	2.707	1.23

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2537	New Point Stone	Ledge 5	8	2.668	0.76	2.696	1.06
2537	New Point Stone		11	2.667	0.96	2.703	1.32
2538	New Point Stone	Ledges 1-2	8	2.369	4.93	2.508	5.86
2538	New Point Stone	Ledges 5-7	8	2.672	0.99	2.708	1.35
2538	New Point Stone		11	2.666	1.14	2.707	1.56
2538	New Point Stone		16	2.673	1.00	2.709	1.37
2538	New Point Stone		Sand	2.623	1.63	2.666	1.63
2540	Mulzer Crushed Stone	Ledges 1006-3	#57 / #8	2.584	2.25	2.661	3.01
2540	Mulzer Crushed Stone	Ledges 5-603	#57 / #8	2.629	1.87	2.695	2.51
2540	Mulzer Crushed Stone	Ledges 1-3	#57 / #8	2.587	2.23	2.663	2.97
2540	Mulzer Crushed Stone	Ledges 1006-3	Q/A #11	2.587	2.46	2.672	3.28
2540	Mulzer Crushed Stone	Ledges 1-3, 5-603	Q/A #11	2.602	2.37	2.684	3.16
2540	Mulzer Crushed Stone	Ledges 5-603	11	2.626	2.22	2.704	2.96
2540	Mulzer Crushed Stone	Ledges 1-3	Q/A #11	2.577	2.69	2.659	3.22
2540	Mulzer Crushed Stone	Ledges 1006-3	Sand	2.643	2.69	2.714	2.69
2540	Mulzer Crushed Stone	Ledges 1-3,5-603	Sand	2.699	1.65	2.759	2.21
2540	Mulzer Crushed Stone	Ledges 5-603	Sand	2.663	2.33	2.725	2.33
2540	Mulzer Crushed Stone	Ledges 1-3	Sand	2.693	1.84	2.743	1.84
2542	IMI	8 Stone - Ledges 11-13	8	2.676	0.80	2.706	1.11
2542	IMI	8 Stone - Ledges 15-17	8	2.700	1.03	2.738	1.41
2542	IMI	8 Stone - Ledges 502-13	8	2.655	1.19	2.698	1.63
2542	IMI	8 Stone - Ledges 3-5	8	2.641	1.01	2.678	1.38
2542	IMI	8 Stone - Ledges 3-13	8	2.660	0.96	2.695	1.32
2542	IMI	Q/A 11 Stone - Ldg 11-13	Q/A 11	2.675	0.91	2.708	1.26
2542	IMI	Q/A 11 Stone - Ldg 15-17	Q/A 11	2.703	1.09	2.743	1.48
2542	IMI	Q/A 11 Stone - Ldg 502-13	Q/A 11	2.658	1.15	2.700	1.57
2542	IMI	11 Stone - Ldg 3-5	11	2.634	1.12	2.674	1.52
2542	IMI	Q/A 11 Stone - Ldg 3-13	Q/A 11	2.652	1.11	2.692	1.52
2542	IMI	Q/A 14 Sand - Ldg 11-13	Q/A 14	2.630	1.36	2.679	1.85
2542	IMI	Q/A 14 Sand - Ldg 15-17	Q/A 14	2.678	1.62	2.737	2.18
2542	IMI	Q/A 14 Sand - Ldg 502-13	Q/A 14	2.606	1.82	2.669	2.44
2542	IMI	Q/A 24 Sand - Ldg 3-5	Q/A 24	2.600	1.64	2.657	2.20
2542	IMI	Q/A 14 Sand - Ldg 3-13	Q/A 14	2.610	1.62	2.667	2.18
2543	Robertson Crushed Stone	Ledges 606-607	8	2.608	1.61	2.665	2.17
2543	Robertson Crushed Stone	Ledges 801-901	8	2.627	1.38	2.676	1.87
2543	Robertson Crushed Stone	Ledges 606-607, 801-901	8	2.613	1.35	2.661	1.83
2543	Robertson Crushed Stone	Ledges 902-904	8	2.609	1.45	2.660	1.96
2543	Robertson Crushed Stone	Ledges 606-607	11	2.598	1.77	2.660	2.38
2543	Robertson Crushed Stone	Ledges 801-901	11	2.617	1.69	2.676	2.27
2543	Robertson Crushed Stone	Ledges 606-607, 801-901	11	2.611	1.53	2.664	2.06
2552	Hanson		8	2.658	1.67	2.718	2.25
2552	Hanson		QA 1/2	2.669	1.68	2.729	2.26
2552	Hanson		11	2.656	1.88	2.723	2.53
2552	Hanson		Sand	2.607	2.84	2.681	2.84
2553	Nugent Sand Company		8	2.616	1.79	2.679	2.40

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2553	Nugent Sand Company	Crushed Gravel	11	2.676	1.43	2.728	1.93
2553	Nugent Sand Company		Sand	2.609	1.36	2.645	1.36
2556	Hanson	Ledges 8-9	8	2.618	1.76	2.680	2.36
2556	Hanson	Ledges 11-14	8	2.666	1.27	2.712	1.72
2556	Hanson	Ledges 2-9	8	2.582	2.16	2.657	2.89
2556	Hanson	Ledges 11-14	11	2.667	1.31	2.714	1.78
2556	Hanson	Ledges 2-9	11	2.577	2.41	2.660	3.22
2556	Hanson		Sand	2.596	2.41	2.659	2.41
2561	IMI		Sand	2.590	1.59	2.631	1.59
2563	Hanson	Ledges 902-903	8	2.682	0.84	2.713	1.17
2563	Hanson	Ledges 801-903	8	2.672	1.09	2.711	1.49
2563	Hanson	Ledges 801-903	11	2.670	1.28	2.716	1.74
2563	Hanson	Ledges 902-903	11	2.694	0.68	2.719	0.95
2563	Hanson	Ledges 801-903	Sand	2.597	2.35	2.658	2.35
2563	Hanson	Ledges 902-903	Sand	2.596	2.03	2.649	2.03
2563	Hanson	Ledges 1-6	Sand	2.568	2.65	2.636	2.65
2563	Hanson	Ledges 1-601	Sand	2.531	3.03	2.608	3.03
2570	IMI		Sand	2.589	1.72	2.634	1.72
2572	IMI	Ledges 1002-7	8	2.626	1.23	2.669	1.67
2572	IMI	Ledges 1003-1011	8	2.633	1.19	2.675	1.62
2572	IMI	Ledges 1003-1011, 1002-7	8	2.628	1.37	2.677	1.86
2572	IMI	Ledges 1011-7	8	2.631	1.29	2.676	1.74
2572	IMI	Ledge 8	8	2.630	1.36	2.679	1.84
2572	IMI	Ledges 1002-7	11	2.620	1.42	2.671	1.93
2572	IMI	Ledges 1002-1007	11	2.593	1.95	2.661	2.61
2572	IMI	Ledges 1003-1006	11	2.602	1.59	2.658	2.14
2572	IMI	Ledges 1003-1011	11	2.650	1.05	2.688	1.44
2572	IMI	Ledges 1003-1011, 1002-7	11	2.615	1.47	2.667	1.99
2572	IMI	Ledge 8	11	2.604	1.92	2.671	2.57
2572	IMI	Ledges 1002-7	Sand	2.612	1.79	2.658	1.79
2572	IMI	Ledges 1003-1011	Sand	2.594	1.71	2.638	1.71
2572	IMI	Ledges 1011-7	Sand	2.590	2.00	2.641	2.00
2572	IMI	Ledges 1003-1011, 1002-7	Sand	2.603	1.87	2.651	1.87
2572	IMI	Ledge 8	Sand	2.598	1.83	2.646	1.83
2573	Hanson	Ledges 11-1303	8	2.687	0.73	2.714	1.02
2573	Hanson	Ledges 15-16	8	2.688	0.77	2.717	1.07
2573	Hanson	Ledges 5-7	8	2.658	0.80	2.687	1.11
2573	Hanson	Ledges 11-1303	11	2.685	0.86	2.717	1.19
2573	Hanson	Ledges 15-16	11	2.684	0.89	2.717	1.23
2573	Hanson	Ledges 5-7	Sand	2.609	1.36	2.645	1.36
2573	Hanson	Ledges 11-1303	Sand	2.620	1.60	2.662	1.60
2573	Hanson	Ledges 15-16	Sand	2.656	1.24	2.688	1.24
2575	Hanson	Ledges 11-1202	8	2.684	0.72	2.711	1.01
2575	Hanson	Ledges 4-5	8	2.644	1.02	2.681	1.40

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2575	Hanson	Ledges 11-1202	11	2.672	0.95	2.706	1.31
2575	Hanson	Ledges 11-1202	Sand	2.613	1.84	2.661	1.84
2575	Hanson	Ledges 4-5	Sand	2.545	2.56	2.611	2.56
2576	Nugent Sand		Sand	2.582	1.47	2.620	1.47
2578	Beaver Materials		Sand	2.615	1.43	2.652	1.43
2580	Rogers Group	Ledges 600-603, 7	Q/A #8	2.722	0.46	2.740	0.67
2580	Rogers Group	Ledges 9	Q/A #8	2.703	0.40	2.719	0.59
2580	Rogers Group		Q/A #11	2.708	0.50	2.727	0.72
2580	Rogers Group	Ledges 600-603	Sand	2.620	1.66	2.663	1.66
2580	Rogers Group	Ledges 600-603, 7	Sand	2.615	1.62	2.657	1.62
2590	Nugent Sand		8	2.581	2.09	2.653	2.79
2590	Nugent Sand		12	2.644	1.65	2.702	2.21
2590	Nugent Sand		Sand	2.613	1.46	2.651	1.46
2591	Spray Sand and Gravel		Sand	2.603	1.59	2.645	1.59
2609	Hastie Trucking & Mining		11	2.632	1.00	2.668	1.37
2609	Hastie Trucking & Mining	Q/A FA 20 Sand	Sand	2.568	1.89	2.616	1.89
2621	Mulzer Crushed Stone	Ledge 2	8	2.654	1.01	2.690	1.38
2621	Mulzer Crushed Stone	Ledge 4	8	2.661	1.16	2.703	1.58
2621	Mulzer Crushed Stone	Ledges 603-610	8	2.653	1.05	2.691	1.44
2621	Mulzer Crushed Stone	Ledge 501	8	2.622	1.31	2.668	1.77
2621	Mulzer Crushed Stone	Ledges 701-801	8	2.630	1.12	2.670	1.53
2621	Mulzer Crushed Stone	Ledges 801-803	8	2.644	1.00	2.680	1.37
2621	Mulzer Crushed Stone	Ledges 802-803	8	2.597	1.62	2.654	2.18
2621	Mulzer Crushed Stone	Ledges 804-812	8	2.559	2.16	2.632	2.89
2621	Mulzer Crushed Stone	Ledge 815	8	2.695	0.66	2.720	0.93
2621	Mulzer Crushed Stone	Ledges 815-904	8	2.657	0.92	2.691	1.27
2621	Mulzer Crushed Stone	Ledge 2	11	2.641	1.09	2.680	1.49
2621	Mulzer Crushed Stone	Ledge 4	11	2.679	1.16	2.721	1.58
2621	Mulzer Crushed Stone	Ledges 603-610	11	2.619	1.53	2.672	2.06
2621	Mulzer Crushed Stone	Ledges 606-610	11	2.646	1.28	2.691	1.73
2621	Mulzer Crushed Stone	Ledges 801-803	11	2.646	1.12	2.686	1.53
2621	Mulzer Crushed Stone	Ledges 802-803	11	2.585	1.82	2.648	2.44
2621	Mulzer Crushed Stone	Ledges 804-812	11	2.549	2.38	2.629	3.18
2621	Mulzer Crushed Stone	Ledges 815	11	2.653	1.12	2.694	1.53
2621	Mulzer Crushed Stone	Ledges 815-904	11	2.678	0.80	2.708	1.11
2621	Mulzer Crushed Stone	#10 Grit - Ledge 2	#10 Sand	2.495	3.66	2.586	3.66
2621	Mulzer Crushed Stone	#10 Grit - Ledges 603-610	#10 Sand	2.564	2.42	2.626	2.42
2621	Mulzer Crushed Stone	#10 Grit - Ledge 501	#10 Sand	2.587	1.80	2.633	1.80
2621	Mulzer Crushed Stone	#10 Grit - Ledges 606-610	#10 Sand	2.618	1.70	2.663	1.70
2621	Mulzer Crushed Stone	#10 Grit - Ledges 701-801	#10 Sand	2.589	1.94	2.639	1.94
2621	Mulzer Crushed Stone	#10 Grit - Ledges 801-803	#10 Sand	2.580	2.08	2.634	2.08
2621	Mulzer Crushed Stone	#10 Grit - Ledges 802-803	#10 Sand	2.555	2.21	2.611	2.21
2621	Mulzer Crushed Stone	#10 Grit - Ledges 804-812	#10 Sand	2.479	3.88	2.575	3.88
2621	Mulzer Crushed Stone	#10 Grit - Ledge 815	#10 Sand	2.653	1.38	2.690	1.38

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2621	Mulzer Crushed Stone	#10 Grit - Ledges 815-904	#10 Sand	2.565	2.49	2.629	2.49
2621	Mulzer Crushed Stone	QA Sand - Ledge 4	Sand	2.576	2.05	2.629	2.05
2621	Mulzer Crushed Stone	QA Sand - Ledge 606-610	Sand	2.510	3.28	2.592	3.28
2621	Mulzer Crushed Stone	QA Sand - Ledge 804-812	Sand	2.467	3.99	2.565	3.99
2621	Mulzer Crushed Stone	QA Sand - Composite	Sand	2.579	1.94	2.629	1.94
2624	Mulzer Crushed Stone	Ledge 4	8	2.602	1.49	2.654	2.01
2624	Mulzer Crushed Stone	Ledges 501-502	8	2.626	1.47	2.678	1.99
2624	Mulzer Crushed Stone	Ledges 504-506	8	2.670	0.78	2.699	1.08
2624	Mulzer Crushed Stone	Ledges 601-602	8	2.669	0.77	2.697	1.07
2624	Mulzer Crushed Stone	Ledges 604-609	8	2.623	1.33	2.670	1.80
2624	Mulzer Crushed Stone	Ledges 801-805	8	2.517	2.65	2.597	3.18
2624	Mulzer Crushed Stone	Ledge 805	8	2.478	3.07	2.569	3.67
2624	Mulzer Crushed Stone	Ledge 4	11	2.652	1.01	2.689	1.38
2624	Mulzer Crushed Stone	Ledges 504-506	11	2.675	0.75	2.703	1.04
2624	Mulzer Crushed Stone	Ledges 601-602	11	2.660	0.95	2.695	1.31
2624	Mulzer Crushed Stone	Ledges 604-609	11	2.617	1.42	2.667	1.92
2624	Mulzer Crushed Stone	Ledges 801-805	11	2.528	2.67	2.609	3.20
2624	Mulzer Crushed Stone	Ledge 805	11	2.477	3.72	2.587	4.43
2624	Mulzer Crushed Stone	Ledge 4	Sand	2.481	3.48	2.567	3.48
2624	Mulzer Crushed Stone	Ledges 501-502	Sand	2.522	3.21	2.603	3.21
2624	Mulzer Crushed Stone	Ledges 504-506	Sand	2.602	1.65	2.644	1.65
2624	Mulzer Crushed Stone	Ledges 601-602	Sand	2.597	1.81	2.644	1.81
2624	Mulzer Crushed Stone	Ledges 801-805	Sand	2.506	3.35	2.590	3.35
2624	Mulzer Crushed Stone	Ledge 805	Sand	2.481	4.00	2.580	4.00
2624	Mulzer Crushed Stone	Ledges 604-609	Sand	2.525	3.18	2.605	3.18
2631	Evansville Materials		8	2.525	2.23	2.600	2.98
2631	Evansville Materials		Sand	2.597	1.24	2.629	1.24
2632	Evansville Materials		11	2.489	2.06	2.558	2.75
2632	Evansville Materials	Nat	Sand	2.579	1.08	2.606	1.08
2632	Evansville Materials	Man	Sand	2.491	1.01	2.516	1.01
AGG2635	Pine Bluff Materials		Sand	2.584	1.03	2.611	1.03
2639	Riverside Stone	Ledges 6-1 - 6-3 (T)	8	2.629	1.30	2.675	1.76
2639	Riverside Stone	Ledge 501	8	2.625	1.46	2.677	1.97
2639	Riverside Stone	Ledges 504-604	8	2.632	1.21	2.675	1.65
2639	Riverside Stone	Ledges 605-607	8	2.630	1.23	2.674	1.67
2639	Riverside Stone	Ledges 504-604	11	2.617	1.58	2.673	2.13
2639	Riverside Stone	Ledges 605-607	11	2.650	1.14	2.691	1.55
2639	Riverside Stone	Ledges 6-1 - 6-3 (T)	Sand	2.583	2.06	2.636	2.06
2639	Riverside Stone	Ledge 501	Sand	2.503	3.77	2.597	3.77
2639	Riverside Stone	Ledges 504-604	Sand	2.590	1.87	2.638	1.87
2639	Riverside Stone	Ledges 605-607	Sand	2.563	2.35	2.623	2.35
2641	Cave Quarries	Ledge 1	8	2.569	1.89	2.634	2.53
2641	Cave Quarries	Ledges 12-1502	8	2.572	1.73	2.631	2.33
2641	Cave Quarries	Ledges 1501-1502	8	2.555	1.81	2.616	2.42
2641	Cave Quarries	Ledges 301-1502	8	2.642	1.09	2.682	1.49

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2641	Cave Quarries	Ledges 201-202	8	2.654	0.77	2.682	1.07
2641	Cave Quarries	Ledges 4-10	8	2.641	1.16	2.683	1.58
2641	Cave Quarries	Ledges 12-1502	11	2.633	1.24	2.677	1.69
2641	Cave Quarries	Ledges 201-202	11	2.665	0.96	2.700	1.32
2641	Cave Quarries	Ledges 4-10	11	2.637	1.29	2.683	1.75
2642	U.S. Aggregates	Ledges 501-608	8	2.649	1.19	2.692	1.62
2642	U.S. Aggregates	Ledges 602-608	8	2.616	1.54	2.670	2.08
2642	U.S. Aggregates	Ledges 801-902	8	2.610	1.40	2.659	1.89
2642	U.S. Aggregates	Ledges 501-608	11	2.647	1.29	2.694	1.75
2642	U.S. Aggregates	Ledges 602-608	11	2.564	2.32	2.643	3.10
2642	U.S. Aggregates	Ledges 801-902	11	2.587	1.66	2.645	2.23
2642	U.S. Aggregates	Ledges 501-608	Sand	2.602	1.74	2.648	1.74
2642	U.S. Aggregates	Ledges 602-608	Sand	2.609	1.64	2.651	1.64
2642	U.S. Aggregates	Ledges 801-902	Sand	2.600	2.06	2.654	2.06
2643	Cave/Calcar Quarries	Ledges 1-16	8	2.595	1.53	2.649	2.07
2643	Cave/Calcar Quarries	Ledges 3-16	8	2.569	1.89	2.634	2.53
2643	Cave/Calcar Quarries	Ledges 1-16	11	2.583	1.84	2.647	2.47
2643	Cave/Calcar Quarries	Ledges 3-16	11	2.578	1.93	2.645	2.59
2643	Cave/Calcar Quarries	Ledges 1-16	Sand	2.525	2.87	2.597	2.87
2643	Cave/Calcar Quarries	Ledges 3-16	Sand	2.515	3.05	2.591	3.05
2645	Rogers Group	Ledge 102	8	2.665	0.74	2.693	1.04
2645	Rogers Group	Ledges 17-20	8	2.612	1.22	2.655	1.66
2645	Rogers Group	Ledges 6-20	8	2.623	1.18	2.665	1.60
2645	Rogers Group	Ledges 17-20	11	2.607	1.43	2.657	1.93
2645	Rogers Group	Ledges 6-20	11	2.629	1.26	2.673	1.71
2645	Rogers Group	Special #20 - Ledge 102	Sand	2.644	1.09	2.672	1.09
2645	Rogers Group	Special #20 - Ledges 17-20	Sand	2.587	1.88	2.636	1.88
2645	Rogers Group	Special #20 - Ledges 6-20	Sand	2.605	1.64	2.648	1.64
2646	Mulzer Crushed Stone	Ledges 401-402	8	2.615	1.55	2.670	2.09
2646	Mulzer Crushed Stone	Ledge 501	8	2.640	1.19	2.682	1.62
2646	Mulzer Crushed Stone	Ledge 503	8	2.662	0.82	2.692	1.14
2646	Mulzer Crushed Stone	Ledges 505-601	8	2.656	1.02	2.693	1.39
2646	Mulzer Crushed Stone	Ledges 505-603	8	2.593	1.63	2.650	2.19
2646	Mulzer Crushed Stone	Ledges 602-603	8	2.580	1.89	2.645	2.53
2646	Mulzer Crushed Stone	Ledge 603	8	2.568	1.87	2.632	2.51
2646	Mulzer Crushed Stone	Ledges 605-607	8	2.562	2.35	2.642	3.13
2646	Mulzer Crushed Stone	Ledge 608	8	2.664	0.69	2.690	0.96
2646	Mulzer Crushed Stone	Ledges 702-801	8	2.659	0.71	2.685	0.99
2646	Mulzer Crushed Stone	Ledges 702-804	8	2.641	0.97	2.676	1.33
2646	Mulzer Crushed Stone	Ledges 801-804	8	2.605	1.54	2.659	2.08
2646	Mulzer Crushed Stone	Ledge 805	8	2.484	2.55	2.560	3.06
2646	Mulzer Crushed Stone	Ledges 401-402	11	2.609	1.74	2.670	2.33
2646	Mulzer Crushed Stone	Ledge 501	11	2.648	1.15	2.689	1.57
2646	Mulzer Crushed Stone	Ledge 503	11	2.658	1.02	2.695	1.40
2646	Mulzer Crushed Stone	ledges 505-601	11	2.645	1.19	2.688	1.61
2646	Mulzer Crushed Stone	Ledges 505-603	11	2.599	1.65	2.657	2.22
2646	Mulzer Crushed Stone	Ledges 602-603	11	2.593	1.69	2.652	2.27

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2646	Mulzer Crushed Stone	Ledge 603	11	2.580	1.72	2.640	2.31
2646	Mulzer Crushed Stone	Ledges 605-607	11	2.536	2.95	2.625	3.53
2646	Mulzer Crushed Stone	Ledge 608	11	2.665	0.85	2.696	1.18
2646	Mulzer Crushed Stone	Ledges 702-801	11	2.658	0.76	2.686	1.06
2646	Mulzer Crushed Stone	Ledges 702-804	11	2.639	1.18	2.681	1.61
2646	Mulzer Crushed Stone	Ledges 801-804	11	2.584	2.00	2.653	2.68
2646	Mulzer Crushed Stone	10 Sand - Ledges 401-402	Sand	2.534	2.91	2.607	2.91
2646	Mulzer Crushed Stone	10 Sand - Ledge 501	Sand	2.569	2.10	2.623	2.10
2646	Mulzer Crushed Stone	10 Sand - Ledge 503	Sand	2.606	1.58	2.647	1.58
2646	Mulzer Crushed Stone	10 Sand - Ledges 505-601	Sand	2.582	1.87	2.631	1.87
2646	Mulzer Crushed Stone	10 Sand - Ledges 505-603	Sand	2.505	3.05	2.581	3.05
2646	Mulzer Crushed Stone	10 Sand - Ledges 602-603	Sand	2.554	2.25	2.611	2.25
2646	Mulzer Crushed Stone	10 Sand - Ledge 603	Sand	2.510	2.94	2.584	2.94
2646	Mulzer Crushed Stone	10 Sand - Ledges 605-607	Sand	2.587	1.92	2.637	1.92
2646	Mulzer Crushed Stone	10 Sand - Ledge 608	Sand	2.603	1.56	2.644	1.56
2646	Mulzer Crushed Stone	10 Sand - Ledges 702-804	Sand	2.622	1.36	2.658	1.36
2646	Mulzer Crushed Stone	10 Sand - Ledge 805	Sand	2.457	3.80	2.550	3.80
2651	Rogers Group	Gravel	8	2.548	2.08	2.618	2.78
2651	Rogers Group	Gravel	11	2.591	1.74	2.651	2.34
2651	Rogers Group	Crushed Gravel	11	2.601	1.66	2.659	2.24
2651	Rogers Group	Crushed Gravel	16	2.600	1.72	2.660	2.31
2651	Rogers Group	23 Nat. Sand	23 Sand	2.602	1.24	2.634	1.24
2651	Rogers Group	24 Man. Sand	24 Sand	2.570	2.06	2.623	2.06
2668	Mulzer Crushed Stone		Sand	2.581	1.05	2.608	1.05
2682	Mulzer Crushed Stone	Ledge 4	8	2.593	1.82	2.656	2.45
2682	Mulzer Crushed Stone	Ledge 501	8	2.670	0.71	2.697	1.00
2682	Mulzer Crushed Stone	Ledge 503	8	2.681	0.62	2.704	0.87
2682	Mulzer Crushed Stone	Ledges 801-804	8	2.633	1.03	2.670	1.40
2682	Mulzer Crushed Stone	Ledge 805	8	2.568	1.59	2.623	2.14
2682	Mulzer Crushed Stone	Ledges 807-808	8	2.549	1.85	2.612	2.48
2682	Mulzer Crushed Stone	Ledges 808-812	8	2.594	1.72	2.654	2.31
2682	Mulzer Crushed Stone	Ledge 4	11	2.587	1.79	2.649	2.40
2682	Mulzer Crushed Stone	Ledge 501	11	2.667	0.78	2.696	1.08
2682	Mulzer Crushed Stone	Ledge 503	11	2.686	0.85	2.717	1.18
2682	Mulzer Crushed Stone	Ledges 801-804	11	2.626	1.15	2.667	1.57
2682	Mulzer Crushed Stone	Ledges 805	11	2.542	2.23	2.618	2.98
2682	Mulzer Crushed Stone	Ledges 807-808	11	2.530	2.12	2.602	2.84
2682	Mulzer Crushed Stone	Ledges 808-812	11	2.590	1.88	2.655	2.52
2682	Mulzer Crushed Stone	10 Q/A Sand - Ledge 4	Sand	2.477	3.90	2.573	3.90
2682	Mulzer Crushed Stone	10 Q/A Sand - Ledge 608	Sand	2.572	1.93	2.622	1.93
2686	Jones & Sons		Sand	2.603	1.21	2.635	1.21
2687	VCNA Prairie Aggregates		8	2.595	1.78	2.657	2.39
2687	VCNA Prairie Aggregates		12	2.577	2.32	2.657	3.10
2687	VCNA Prairie Aggregates	Natural Sand	Sand	2.605	1.47	2.643	1.47
2687	VCNA Prairie Aggregates	Crushed Gravel Sand	Sand	2.580	2.26	2.638	2.26

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2688	Gibson County Sand		Sand	2.585	1.37	2.621	1.37
2689	Indian Creek Quarries	Ledges 501	8	2.681	0.550	2.702	0.78
2689	Indian Creek Quarries	Ledges 503	8	2.655	1.110	2.695	1.52
2689	Indian Creek Quarries	Ledges 601-610	8	2.636	1.125	2.676	1.54
2689	Indian Creek Quarries	Ledges 702-801	8	2.608	1.380	2.657	1.87
2689	Indian Creek Quarries	Ledges 702-802	8	2.555	2.160	2.629	2.89
2689	Indian Creek Quarries	Ledges 501	11	2.671	0.700	2.697	0.98
2689	Indian Creek Quarries	Ledges 503	11	2.660	1.440	2.712	1.95
2689	Indian Creek Quarries	Ledges 601-610	11	2.653	1.200	2.696	1.63
2689	Indian Creek Quarries	Ledges 702-801	11	2.613	1.520	2.667	2.05
2689	Indian Creek Quarries	Ledges 702-802	11	2.549	2.550	2.627	3.06
2700	Elkhart County Gravel		Sand	2.607	1.11	2.636	1.11
2702	Old Prairie Products		Sand	2.642	1.16	2.673	1.16
2706	Old Prairie Products		Sand	2.623	1.27	2.656	1.27
2718	Elkhart County Gravel		8	2.657	1.34	2.705	1.81
2718	Elkhart County Gravel		Sand	2.625	1.32	2.659	1.32
2723	Stoneco		11	2.576	2.68	2.658	3.21
2723	Stoneco		Sand	2.659	2.41	2.723	2.41
2741	Stone Co. Quarry		8 QA	2.665	1.66	2.725	2.23
2741	Stone Co. Quarry		12 QA	2.665	2.19	2.743	2.93
2741	Stone Co. Quarry		QA Sand	2.709	1.82	2.759	1.82
2743	Irving Gravel	Crushed Gravel	8	2.631	1.42	2.682	1.93
2743	Irving Gravel	Gravel	8	2.603	1.68	2.661	2.26
2743	Irving Gravel		Sand	2.614	1.33	2.648	1.33
2747	Lafontaine Gravel		Sand	2.556	2.27	2.614	2.27
2749	Stafford Gravel		Sand	2.580	1.66	2.623	1.66
2758	Eshelman Excavating		Sand	2.607	1.39	2.644	1.39
2762	Martin Marietta		Sand	2.639	1.09	2.667	1.09
2763	Irving Gravel		8	2.637	1.31	2.684	1.78
2763	Irving Gravel		Sand	2.636	1.09	2.665	1.09
2764	Hanson	Ledges 1-4	8	2.461	3.62	2.567	4.31
2764	Hanson	Ledges 6-8	8	2.525	3.16	2.621	3.77
2764	Hanson	Ledges 1-4	11	2.470	3.80	2.582	4.53
2764	Hanson	Ledges 6-8	11	2.515	3.47	2.619	4.14
2764	Hanson	24 Stone Sand	Sand	2.483	4.74	2.601	4.74
2771	Moose Lake Aggregate		Sand	2.611	1.03	2.638	1.03

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2772	Butler Mill Service		11	3.627	1.34	3.692	1.82
2772	Butler Mill Service		Sand	3.539	2.63	3.632	2.63
2776	Mulzer Crushed Stone	Ledges 601-605	8	2.667	0.83	2.698	1.15
2776	Mulzer Crushed Stone	Ledges 801-811	8	2.638	1.11	2.678	1.51
2776	Mulzer Crushed Stone	Ledges 813-816	8	2.594	1.30	2.640	1.76
2776	Mulzer Crushed Stone	Ledges 817-911	8	2.647	1.23	2.691	1.68
2776	Mulzer Crushed Stone	Ledges 601-605	11	2.661	0.91	2.694	1.25
2776	Mulzer Crushed Stone	Ledges 801-811	11	2.620	1.47	2.672	1.98
2776	Mulzer Crushed Stone	Ledges 813-816	11	2.599	1.49	2.652	2.01
2776	Mulzer Crushed Stone	Ledges 817-911	11	2.636	1.41	2.686	1.91
2776	Mulzer Crushed Stone	Ledges 813-816	10	2.555	2.64	2.622	2.64
2776	Mulzer Crushed Stone	Ledges 801-808	Sand	2.517	3.23	2.598	3.23
2776	Mulzer Crushed Stone	Ledges 801-811	Sand	2.524	3.06	2.601	3.06
2777	McIntire		8	2.605	1.86	2.670	2.49
2777	McIntire		12	2.596	2.11	2.670	2.83
2777	McIntire		Sand	2.610	1.84	2.658	1.84
2781	Beemsterboer Slag		11	3.316	1.47	3.382	1.99
2782	White River Gravel	8 Gravel	8	2.617	1.44	2.668	1.95
2782	White River Gravel	3/4 " Q/A Crushed Gravel	3/4" Q/A	2.633	1.40	2.683	1.90
2782	White River Gravel	Gravel	12	2.590	1.81	2.653	2.43
2782	White River Gravel	23 Nat. Sand	23 Sand	2.623	1.28	2.657	1.28
2783	Hanson	Ledges 1101-1201	8	2.671	0.77	2.700	1.07
2783	Hanson	Ledges 12-14	8	2.685	0.65	2.710	0.92
2783	Hanson		11	2.680	0.64	2.704	0.90
2783	Hanson		Sand	2.612	1.88	2.660	1.88
2786	Watson Gravel		8	2.604	1.61	2.661	2.17
2786	Watson Gravel		Sand	2.604	1.40	2.641	1.40
2787	Brookfield Sand & Gravel		Sand	2.586	1.88	2.634	1.88
2788	VCNA Prairie Aggregates		8	2.598	1.71	2.658	2.30
2788	VCNA Prairie Aggregates		Sand	2.604	1.53	2.644	1.53
2789	Elkhart County Gravel		Sand	2.605	1.27	2.638	1.27
2791	Phoenix Services	Steel Slag	11 ss	3.403	1.17	3.458	1.60
2791	Phoenix Services	Blast Furnace Slag	11 acbf	2.507	2.93	2.595	3.51
2791	Phoenix Services	24 Q/A Steel Slag Sand	SS Sand	3.160	3.34	3.265	3.34
2791	Phoenix Services	24 Q/A BF Slag Sand	BFS Sand	2.772	2.11	2.831	2.11
2792	IMI		8	2.607	1.76	2.669	2.37
2792	IMI		SC 16	2.647	1.48	2.700	2.00
2792	IMI		Sand	2.634	1.19	2.665	1.19

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2793	S & G - Stinesville	Ledges 12-13	8	2.400	4.04	2.515	4.81
2793	S & G - Stinesville	Ledges 899-13	8	2.500	2.74	2.582	3.28
2793	S & G - Stinesville	Ledges 899-901	8	2.617	1.35	2.665	1.82
2794	Kokomo Gravel		8	2.597	1.67	2.655	2.25
2794	Kokomo Gravel		Sand	2.579	1.70	2.623	1.70
2797	Haynes Sand & Gravel		8	2.583	1.90	2.649	2.55
2797	Haynes Sand & Gravel		Sand	2.574	1.69	2.618	1.69
2798	Ward Stone	Ledges 1101-1103	8	2.684	0.75	2.712	1.04
2798	Ward Stone	Ledges 501-902	8	2.519	3.03	2.610	3.62
2798	Ward Stone	Ledges 902-903	8	2.676	1.27	2.722	1.72
2798	Ward Stone		11	2.507	3.64	2.616	4.34
2798	Ward Stone	Ledges 501-902	Sand	2.676	2.01	2.730	2.01
2799	Rock Bottom Gravel		Sand	2.617	1.29	2.651	1.29
2914	Yellow Creek Gravel		Sand	2.611	1.26	2.644	1.26
2977	TFO Slag Products	Q/A 9/16"	Q/A 9/16"	3.521	1.22	3.580	1.66
2977	TFO Slag Products	Q/A 1/2"	Q/A 1/2"	3.707	1.02	3.759	1.40
2977	TFO Slag Products	Q/A 3/8"	Q/A 3/8"	3.421	2.55	3.525	3.05
2980	U.S. Aggregates		8	2.635	1.70	2.695	2.29
2980	U.S. Aggregates		Sand	2.612	1.71	2.656	1.71
2986	Brooks Construction		Q/A 8	3.465	1.57	3.538	2.12
2986	Brooks Construction		Q/A 11	3.500	1.97	3.592	2.63
2986	Brooks Construction		Q/A 24	3.507	2.83	3.606	2.83
AGG0011	Ontario Trap Rock	Trap Rock	11	2.929	0.34	2.944	0.51
AGG0011	Ontario Trap Rock	Trap Rock	Q/A 24	2.857	1.06	2.887	1.06
AGG0021	Rock Creek Materials	Ledges 101-103,201-202	8	2.631	1.83	2.695	2.45
AGG0021	Rock Creek Materials	Ledges 101-103,201-202	11	2.647	1.75	2.709	2.35
AGG040	Melvin Stone - OH	Ledges 1-4	8	2.564	2.16	2.638	2.89
AGG040	Melvin Stone - OH	Ledges 1-4	QA11	2.558	2.49	2.643	3.32
AGG040	Melvin Stone - OH	Ledges 1-4	QA12 (fine)	2.590	2.73	2.675	3.27
AGG040	Melvin Stone - OH	Ledges 1-4	Sand	2.724	1.00	2.751	1.00
AGG0041	North American Lime	Ledges 1-2	8	2.655	0.86	2.687	1.19
AGG0041	North American Lime	Ledges 3-402	8	2.638	1.13	2.679	1.55
AGG0041	North American Lime		11	2.615	1.35	2.662	1.83
AGG0041	North American Lime		Sand	2.488	3.41	2.573	3.41
AGG0047	Blackwell Limestone		8	2.584	1.26	2.628	1.71
AGG0057	South Lake Stone	Ledges 201-202	8	2.708	1.47	2.761	1.98
AGG0057	South Lake Stone	Ledge 301	8	2.679	1.65	2.738	2.22

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
AGG0057	South Lake Stone	Ledges 302	8	2.708	0.94	2.743	1.29
AGG0057	South Lake Stone	Ledge 303	8	2.506	2.75	2.589	3.29
AGG0057	South Lake Stone	Ledges 201-202	11	2.701	1.58	2.758	2.12
AGG0057	South Lake Stone	Ledge 301	11	2.666	2.06	2.739	2.76
AGG0057	South Lake Stone	Ledges 302	11	2.711	1.17	2.754	1.59
AGG0057	South Lake Stone	Ledge 303	11	2.555	2.65	2.636	3.18
AGG0057	South Lake Stone	Ledges 201-202	Sand	2.714	1.79	2.762	1.79
AGG0057	South Lake Stone	Ledge 301	Sand	2.744	1.14	2.775	1.14
AGG0057	South Lake Stone	Ledges 302	Sand	2.731	1.17	2.763	1.17
AGG0057	South Lake Stone	Ledge 303	Sand	2.677	2.04	2.732	2.04
AGG0063	IMI		8	2.620	1.74	2.681	2.34
AGG0063	IMI		Sand	2.622	1.55	2.663	1.55
AGG0077	West Plains Mining		8	2.626	1.61	2.683	2.16
AGG0077	West Plains Mining		11	2.622	1.76	2.685	2.37
AGG0077	West Plains Mining		16	2.622	1.62	2.679	2.18
AGG0077	West Plains Mining		Sand	2.570	2.63	2.637	2.63
AGG0085	VCNA Prairie Aggregates		8	2.622	1.71	2.682	2.30
AGG0085	VCNA Prairie Aggregates		11	2.630	2.21	2.708	2.95
AGG0085	VCNA Prairie Aggregates	Q/A FM 20	Sand	2.692	1.79	2.740	1.79
AGG0086	S & G Excavating		8	2.573	2.08	2.645	2.78
AGG0086	S & G Excavating		Sand	2.593	1.51	2.633	1.51
AGG0091	R. Smith & Sons		Sand	2.604	1.37	2.640	1.37
AGG0096	Longhorn Sand & Gravel		Sand	2.594	1.25	2.626	1.25
AGG0097	US Aggregates	Level 1	8	2.670	1.64	2.729	2.21
AGG0097	US Aggregates	Level 2	8	2.696	0.99	2.732	1.35
AGG0106	Landmark Materials, LLC		Sand	2.597	1.25	2.629	1.25
AGG0109	Stoneco of Michigan		Sand	2.640	0.85	2.662	0.85
AGG0112	Speedway Sand & Gravel		Sand	2.610	1.30	2.644	1.30
AGG0113	Aggregate Industries		Sand	2.622	1.17	2.653	1.17
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AGG0120	M & H Aggregates	Slag	11	3.567	1.120	3.621	1.53
AGG124	IMI Upland	Gravel	8	2.602	1.900	2.668	2.55
AGG124	IMI Upland		Sand	2.589	1.830	2.636	1.83
AGG0125	Indiana Gravel		Sand	2.599	1.355	2.634	1.36
AGG0126	Watson Gravel	Gravel	8	2.603	1.717	2.663	2.31
AGG0128	M & H Aggregate	Slag	11	3.840	0.600	3.873	0.85

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
AGG0136	Engineering Aggregates		23/24/4SB/SI	2.612	1.130	2.642	1.13