

				3/28/2024			
INDOT Aggregate Bulk Specific Gravities							
				HMA		Concrete	
Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2109	Purdy Materials		Sand	2.595	1.65	2.638	1.65
2110	Whitesville Mill Service		11	3.713	0.90	3.759	1.24
2110	Whitesville Mill Service		Sand	3.505	1.99	3.574	1.99
2111	Roskovensky C & G		Sand	2.608	1.45	2.646	1.45
2113	S & G Excavating	Gravel	8	2.573	2.01	2.642	2.70
2113	S & G Excavating	Crushed Gravel	8	2.599	1.77	2.660	2.37
2113	S & G Excavating		11	2.630	1.51	2.683	2.03
2113	S & G Excavating		16	2.594	1.98	2.663	2.65
2113	S & G Excavating		Sand	2.599	1.38	2.635	1.38
2113	S & G Excavating	Crushed Gravel Sand	Sand	2.575	2.31	2.634	2.31
2135	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-701	8	2.653	0.90	2.686	1.24
2135	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-4	8	2.657	0.77	2.685	1.07
2135	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-701	11	2.642	1.12	2.683	1.53
2135	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-4	11	2.627	2.12	2.701	2.84
2135	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-701	Sand	2.637	1.24	2.669	1.24
2135	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-4	Sand	2.627	2.12	2.683	2.12
2136	U.S. Aggregates		8	2.618	1.66	2.676	2.24
2136	U.S. Aggregates		Sand	2.625	1.07	2.653	1.07
2143	U.S. Aggregates		8	2.592	1.94	2.660	2.61
2143	U.S. Aggregates		Sand	2.605	1.38	2.641	1.38
2157	Martin Marietta	Ledges 101-401	8	2.645	1.09	2.684	1.49
2157	Martin Marietta	Ledges 101-402	8	2.654	0.90	2.687	1.24
2157	Martin Marietta	Ledges 403-5	8	2.658	0.87	2.689	1.20
2157	Martin Marietta	Ledges 3-5	8	2.630	1.11	2.669	1.51
2157	Martin Marietta	Ledges 101-401	11	2.638	1.27	2.683	1.72
2157	Martin Marietta	Ledges 101-402	11	2.665	0.94	2.700	1.30
2157	Martin Marietta	Ledges 403-5	11	2.643	1.13	2.684	1.54
2157	Martin Marietta	Ledges 3-5	11	2.654	1.12	2.695	1.53
2157	Martin Marietta	Ledges 101-401	Sand	2.627	1.42	2.664	1.42
2157	Martin Marietta	Ledges 101-402	Sand	2.626	1.35	2.662	1.35
2157	Martin Marietta	Ledges 403-5	Sand	2.614	1.59	2.655	1.59
2157	Martin Marietta	Ledges 3-5	Sand	2.614	1.46	2.666	1.97
2163	S & G Excavating		8	2.575	2.08	2.646	2.78
2163	S & G Excavating		Sand	2.588	1.67	2.631	1.67

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2262	IMI	Ledges 2-401E	8	2.683	1.58	2.740	2.12
2262	IMI	Ledges 402-12	8	2.640	1.87	2.707	2.51
2262	IMI	Ledges 2-401E, 402-12	8	2.652	1.65	2.710	2.22
2262	IMI	Ledges 2-401E, 402-12	9	2.651	1.69	2.711	2.27
2262	IMI	Ledges 2-401E	11	2.683	1.58	2.740	2.12
2262	IMI	Ledges 402-12	11	2.691	1.53	2.746	2.07
2262	IMI	Ledges 2-401E, 402-12	11	2.663	1.68	2.723	2.26
2262	IMI	Ledges 2-401E, 402-12	12	2.638	1.90	2.705	2.55
2262	IMI	Ledges 2-401E, 402-12	Sand	2.698	1.64	2.743	1.64
2262	IMI	Ledges 2-401E	Sand	2.673	1.63	2.717	1.63
2262	IMI	Ledges 402-12	Sand	2.704	1.66	2.749	1.66
2266	U.S. Aggregates	Ledges 2-701	8	2.649	1.72	2.711	2.31
2266	U.S. Aggregates	Ledges 2-701	11	2.640	2.05	2.712	2.75
2266	U.S. Aggregates	Ledges 2-701	12	2.679	1.96	2.749	2.63
2266	U.S. Aggregates	Ledges 2-701	Sand	2.669	2.05	2.723	2.05
2267	U.S. Aggregates	Ledges 1001-4	8	2.551	2.26	2.628	3.02
2267	U.S. Aggregates	Ledges 1001-4	11	2.570	2.53	2.648	3.04
2267	U.S. Aggregates	Ledges 1001-4	QA12	2.588	2.43	2.672	3.24
2267	U.S. Aggregates	Ledges 1001-4	12	2.634	2.40	2.718	3.20
2267	U.S. Aggregates	Ledges 1001-4	Sand	2.726	1.39	2.764	1.39
2273	Niblock		QA 5	2.619	1.61	2.676	2.17
2273	Niblock		8	2.637	1.53	2.691	2.07
2273	Niblock		12	2.591	1.95	2.658	2.61
2273	Niblock		Sand	2.627	0.90	2.651	0.90
2283	Clifford Aggregate Inc.		8	2.629	1.60	2.685	2.16
2283	Clifford Aggregate Inc.		Sand	2.620	1.27	2.654	1.27
2294	Stoneco of Angola		8	2.637	1.44	2.688	1.95
2294	Stoneco of Angola		QA8	2.679	1.10	2.720	1.50
2294	Stoneco of Angola		11	2.676	1.26	2.722	1.71
2294	Stoneco of Angola	24 Crushed Gravel Sand	Sand	2.630	1.82	2.677	1.82
2294	Stoneco of Angola	23 Natural Sand	Sand	2.619	1.29	2.653	1.29
2295	Speedway Sand and Gravel		8	2.633	1.50	2.686	2.03
2295	Speedway Sand and Gravel		11	2.609	1.84	2.674	2.47
2295	Speedway Sand and Gravel		Sand	2.611	1.45	2.648	1.446
2303	Martin Marietta		8	2.636	1.49	2.689	2.02
2303	Martin Marietta		Sand	2.621	1.33	2.656	1.33

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2381	Beaver Materials		Sand	2.634	1.18	2.665	1.18
2389	Martin Marietta	Gravel	8	2.630	1.55	2.685	2.09
2389	Martin Marietta	Ledges 9-14 D	8	2.533	2.69	2.615	3.22
2389	Martin Marietta	Ledges 9-14	8	2.537	2.61	2.616	3.12
2389	Martin Marietta	Ledges 9-14 D	11	2.551	2.90	2.640	3.47
2389	Martin Marietta	Ledges 9-14	11	2.628	1.90	2.695	2.55
2389	Martin Marietta	23 Natural Sand	Sand	2.618	1.61	2.660	1.61
2389	Martin Marietta	24 D Stone Sand	Sand	2.624	2.41	2.687	2.41
2389	Martin Marietta	24 Stone Sand	Sand	2.643	2.03	2.697	2.03
2399	Shelby Materials		Sand	2.606	1.75	2.652	1.75
2408	American Aggregate		Sand	2.616	0.99	2.641	0.99
2409	Heidelberg Materials Midwest Agg, Inc.	Level 1-2	8	2.691	0.93	2.716	1.28
2409	Heidelberg Materials Midwest Agg, Inc.	Level 1-2	11	2.697	0.92	2.732	1.27
2409	Heidelberg Materials Midwest Agg, Inc.	Level 3	11	2.772	0.48	2.791	0.69
2410	Aggregate Industries		Sand	2.607	1.27	2.640	1.27
2411	Area Excavating		Sand	2.587	1.38	2.623	1.38
2411	Area Excavating	Crushed Gravel Sand	Sand	2.569	2.10	2.623	2.10
2421	U.S. Aggregates	Ledges 1-4	8	2.713	1.02	2.750	1.39
2421	U.S. Aggregates	Ledges 1-4	11	2.714	1.19	2.758	1.62
2421	U.S. Aggregates	Ledges 1-4	Sand	2.782	0.65	2.800	0.65
2423	Engineering Aggregates	Ledges 1-5	8	2.458	3.44	2.559	4.11
2423	Engineering Aggregates	Ledges 6-9	8	2.486	3.44	2.588	4.10
2423	Engineering Aggregates	Ledges 10-11	8	2.594	1.86	2.659	2.50
2423	Engineering Aggregates	Ledges 1-5	11	2.474	3.59	2.580	4.28
2423	Engineering Aggregates	Ledges 6-9	11	2.466	4.17	2.588	4.97
2423	Engineering Aggregates	Ledges 10-11	11	2.584	1.98	2.653	2.65
2423	Engineering Aggregates	Ledges 1-5	QA 14	2.547	3.15	2.643	3.15
2423	Engineering Aggregates	Ledges 6-9	QA 14	2.576	3.40	2.680	3.40
2423	Engineering Aggregates	Ledges 10-11	QA 14	2.591	2.52	2.669	2.52
2427	Segal Sand & Gravel		Sand	2.616	1.30	2.650	1.30
2428	U.S. Aggregates	Level 1-2	8	2.640	1.26	2.685	1.71
2428	U.S. Aggregates	Level 3	8	2.606	1.52	2.659	2.05
2428	U.S. Aggregates	Level 1-2	11	2.653	1.47	2.706	1.99
2428	U.S. Aggregates	Level 3	11	2.613	1.78	2.675	2.39
2428	U.S. Aggregates	Level 1-2	Sand	2.748	0.84	2.771	0.84
2428	U.S. Aggregates	Level 3	Sand	2.787	0.50	2.801	0.50
2431	IMI		Sand	2.593	1.42	2.630	1.42
2439	Stockberger Trucking		Sand	2.584	1.49	2.622	1.49

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2440	Heidelberg Materials Midwest Agg, Inc.	Level 1	8	2.707	0.83	2.738	1.15
2440	Heidelberg Materials Midwest Agg, Inc.	Level 2	8	2.728	0.70	2.755	0.98
2440	Heidelberg Materials Midwest Agg, Inc.	Level 3	8	2.748	0.64	2.772	0.90
2440	Heidelberg Materials Midwest Agg, Inc.	Level 1	11	2.727	0.88	2.760	1.21
2440	Heidelberg Materials Midwest Agg, Inc.	Level 2	11	2.755	0.66	2.781	0.93
2440	Heidelberg Materials Midwest Agg, Inc.	Level 3	11	2.744	0.84	2.776	1.16
2440	Heidelberg Materials Midwest Agg, Inc.	Levels 1	Sand	2.712	1.04	2.740	1.04
2440	Heidelberg Materials Midwest Agg, Inc.	Levels 2	Sand	2.779	0.70	2.798	0.70
2440	Heidelberg Materials Midwest Agg, Inc.	Levels 3	Sand	2.765	0.85	2.788	0.85
2445	Rogers Group	Ldg 1-2, Area 8, Level A	8	2.645	2.46	2.732	3.28
2445	Rogers Group	Ldg 1-2, Area 8, Level B-C	8	2.653	2.02	2.725	2.71
2445	Rogers Group	Ldg 1-2, Area 8, Level D	8	2.633	2.54	2.713	3.05
2445	Rogers Group	Ldg 1-2, Area 8, Level A	11	2.636	2.65	2.720	3.18
2445	Rogers Group	Ldg 1-2, Area 8, Level B-C	11	2.656	2.33	2.739	3.12
2445	Rogers Group	Ldg 1-2, Area 8, Level A	12	2.642	1.91	2.710	2.56
2445	Rogers Group	Ldg 1-2, Area 8, Level D	12	2.604	3.24	2.705	3.87
2445	Rogers Group	Ldg 1-2, Area 8, Level A	Sand	2.603	3.29	2.688	3.29
2445	Rogers Group	Ldg 1-2, Area 8, Level B-C	Sand	2.605	3.37	2.692	3.37
2449	U.S. Aggregates	Level 3	8	2.606	1.81	2.669	2.43
2449	U.S. Aggregates	Level 4	8	2.704	0.91	2.737	1.26
2449	U.S. Aggregates	Level 5a	8	2.705	0.93	2.740	1.28
2449	U.S. Aggregates	Level 5a/b	8	2.626	1.83	2.691	2.46
2449	U.S. Aggregates	Levels 3	11	2.614	1.90	2.681	2.55
2449	U.S. Aggregates	Level 1-3	11	2.704	1.43	2.756	1.93
2449	U.S. Aggregates	Level 4	11	2.702	1.14	2.744	1.55
2449	U.S. Aggregates	Levels 5a	11	2.689	1.16	2.732	1.58
2449	U.S. Aggregates	Levels 5a/b	11	2.626	1.83	2.691	2.46
2449	U.S. Aggregates	Levels 1-3	Sand	2.691	2.02	2.745	2.02
2449	U.S. Aggregates	Level 3	Sand	2.691	2.02	2.745	2.02
2449	U.S. Aggregates	Level 4	Sand	2.757	0.78	2.779	0.78
2449	U.S. Aggregates	Levels 5a	Sand	2.778	0.79	2.800	0.79
2449	U.S. Aggregates	Levels 5a/b	QA26m	2.729	1.23	2.763	1.23
2451	Phoenix Services		8	2.352	3.18	2.441	3.79
2451	Phoenix Services		11	2.449	2.92	2.535	3.50
2451	Phoenix Services		Sand	2.750	1.50	2.792	1.50
2461	U.S. Aggregates	Level 1	8	2.701	0.77	2.730	1.07
2461	U.S. Aggregates	Ledge 10	8	2.702	1.02	2.740	1.40
2461	U.S. Aggregates	Ledges 4-5	8	2.685	0.99	2.721	1.36
2461	U.S. Aggregates	Ledges 8-10	8	2.729	0.82	2.760	1.13
2461	U.S. Aggregates	Ledge 11	8	2.707	0.80	2.737	1.12
2461	U.S. Aggregates	Level 1	11	2.714	0.93	2.749	1.29
2461	U.S. Aggregates	Ledges 4-5	11	2.689	1.00	2.726	1.37
2461	U.S. Aggregates	Ledge 10	11	2.725	0.95	2.761	1.31
2461	U.S. Aggregates	Ledges 8-10	11	2.743	0.73	2.771	1.01
2461	U.S. Aggregates	Ledge 11	11	2.719	0.91	2.753	1.25
2461	U.S. Aggregates	Level 1	Sand	2.754	0.78	2.775	0.78
2461	U.S. Aggregates	Ledges 4-5	Sand	2.737	0.95	2.763	0.95
2461	U.S. Aggregates	Ledge 10	Sand	2.786	0.66	2.804	0.66
2461	U.S. Aggregates	Ledges 8-10	Sand	2.764	0.82	2.787	0.82
2461	U.S. Aggregates	Ledge 11	Sand	2.751	0.87	2.775	0.87

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2540	Mulzer Crushed Stone	Ledges 1006-3	#57 / #8	2.596	2.14	2.670	2.86
2540	Mulzer Crushed Stone	Ledges 5-603	#57 / #8	2.620	1.86	2.685	2.49
2540	Mulzer Crushed Stone	Ledges 1-3	#57 / #8	2.576	2.30	2.655	3.07
2540	Mulzer Crushed Stone	QA Ledges 1006-3	11	2.596	2.36	2.678	3.15
2540	Mulzer Crushed Stone	QA Ledges 1-3, 5-603	11	2.602	2.37	2.684	3.16
2540	Mulzer Crushed Stone	Ledges 5-603	11	2.612	2.34	2.694	3.13
2540	Mulzer Crushed Stone	QA Ledges 1-3	11	2.563	2.74	2.647	3.28
2540	Mulzer Crushed Stone	Ledges 1006-3	Sand	2.646	2.74	2.718	2.74
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	2.688	1.88	2.738	1.88
2540	Mulzer Crushed Stone	Ledges 1-3	Sand	2.641	2.24	2.700	2.24
2542	IMI	8 Stone - Ledges 11-13	8	2.674	0.87	2.706	1.20
2542	IMI	8 Stone - Ledges 15-17	8	2.700	1.03	2.738	1.42
2542	IMI	8 Stone - Ledges 502-13	8	2.661	1.05	2.699	1.43
2542	IMI	8 Stone - Ledges 3-5	8	2.652	0.87	2.684	1.21
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	11	2.672	0.96	2.707	1.32
2542	IMI	Q/A 11 Stone - Ldg 15-17	11	2.686	1.26	2.731	1.71
2542	IMI	Q/A 11 Stone - Ldg 502-13	11	2.654	1.20	2.697	1.63
2542	IMI	11 Stone - Ldg 3-5	11	2.639	1.11	2.679	1.52
2542	IMI	Q/A 11 Stone - Ldg 3-13	11	2.641	1.30	2.687	1.76
2542	IMI	Q/A 14 Sand - Ldg 15-17	14	2.703	1.39	2.754	1.89
2542	IMI	Q/A 14 Sand - Ldg 502-13	14	2.617	1.74	2.678	2.34
2542	IMI	Q/A 14 Sand - Ldg 3-13	14	2.624	1.50	2.677	2.02
2542	IMI	Q/A 24 Sand - Ldg 3-5	24	2.601	1.64	2.659	2.20
2542	IMI	Q/A 24 Sand - Ldg 11-13	24	2.631	1.48	2.684	2.00
2542	IMI	Q/A 24 Sand - Ldg 502-13	24	2.617	1.74	2.678	2.34
2542	IMI	Q/A 24 Sand - Ldg 3-13	24	2.624	1.50	2.677	2.02
2542	IMI	Q/A 24 Sand - Ldg 15-17	24	2.700	1.03	2.738	1.42
2543	Robertson Crushed Stone	Ledges 801-901	8	2.617	1.13	2.657	1.54
2543	Robertson Crushed Stone	Ledges 902-904	8	2.608	1.48	2.660	2.00
2543	Robertson Crushed Stone	Ledges 507-601	8	2.623	1.21	2.666	1.65
2543	Robertson Crushed Stone	Ledges 604-607	8	2.613	1.55	2.668	2.09
2543	Robertson Crushed Stone	Ledges 902-904	11	2.577	1.81	2.639	2.42
2543	Robertson Crushed Stone	Ledges 801-901	11	2.603	1.37	2.652	1.86
2543	Robertson Crushed Stone	Ledges 507-601	11	2.607	1.46	2.658	1.98
2543	Robertson Crushed Stone	Ledges 507-601	14	2.739	0.86	2.772	1.19
2543	Robertson Crushed Stone	Ledges 902-904	14	2.584	2.37	2.666	3.16
2543	Robertson Crushed Stone	Ledges 801-901	Sand	2.546	2.20	2.601	2.20
2543	Robertson Crushed Stone	Ledges 902-904	Sand	2.558	2.30	2.617	2.30
2543	Robertson Crushed Stone	Ledges 604-607	Sand	2.589	1.89	2.638	1.89
2552	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-2	8	2.658	1.70	2.719	2.29
2552	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-2	1/2	2.669	1.68	2.729	2.26
2552	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-2	11	2.652	1.90	2.720	2.54
2552	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-2	Sand	2.607	2.84	2.681	2.84

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2621	Mulzer Crushed Stone	Ledge 2	8	2.651	0.96	2.686	1.32
2621	Mulzer Crushed Stone	Ledge 4	8	2.637	1.26	2.682	1.71
2621	Mulzer Crushed Stone	Ledges 603-610	8	2.618	1.49	2.671	2.01
2621	Mulzer Crushed Stone	Ledge 606-610	8	2.624	1.33	2.671	1.81
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	2.557	2.14	2.630	2.87
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	Ledges 905-907	8	2.641	0.95	2.676	1.31
2621	Mulzer Crushed Stone	Ledge 2	11	2.639	1.07	2.677	1.46
2621	Mulzer Crushed Stone	Ledge 4	11	2.643	1.56	2.699	2.10
2621	Mulzer Crushed Stone	Ledges 603-610	11	2.614	1.64	2.671	2.21
2621	Mulzer Crushed Stone	Ledges 606-610	11	2.657	1.20	2.701	1.64
2621	Mulzer Crushed Stone	Ledges 801-803	11	2.647	1.35	2.695	1.82
2621	Mulzer Crushed Stone	Ledges 802-803	11	2.585	1.82	2.648	2.44
2621	Mulzer Crushed Stone	Ledges 804-812	11	2.548	2.52	2.625	3.02
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	Ledges 905-907	11	2.633	1.14	2.674	1.55
2621	Mulzer Crushed Stone	#10 Grit - Ledge 2	Sand	2.495	3.66	2.586	3.66
2621	Mulzer Crushed Stone	#10 Grit - Ledges 603-610	Sand	2.590	1.99	2.641	1.99
2621	Mulzer Crushed Stone	#10 Grit - Ledge 501	Sand	2.587	1.80	2.633	1.80
2621	Mulzer Crushed Stone	#10 Grit - Ledges 606-610	Sand	2.595	1.95	2.645	1.95
2621	Mulzer Crushed Stone	#10 Grit - Ledges 701-801	Sand	2.589	1.94	2.639	1.94
2621	Mulzer Crushed Stone	#10 Grit - Ledges 801-803	Sand	2.586	2.03	2.638	2.03
2621	Mulzer Crushed Stone	#10 Grit - Ledges 802-803	Sand	2.555	2.21	2.611	2.21
2621	Mulzer Crushed Stone	#10 Grit - Ledges 804-812	Sand	2.580	2.16	2.636	2.16
2621	Mulzer Crushed Stone	#10 Grit - Ledge 815	Sand	2.653	1.38	2.690	1.38
2621	Mulzer Crushed Stone	#10 Grit - Ledges 815-904	Sand	2.565	2.49	2.629	2.49
2621	Mulzer Crushed Stone	#10 Grit - Ledges 905-907	Sand	2.594	1.23	2.626	1.23
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	2.535	3.05	2.612	3.05
2621	Mulzer Crushed Stone	QA Sand - Ledge 603-610	Sand	2.603	1.93	2.653	1.93
2621	Mulzer Crushed Stone	QA Sand - Composite	Sand	2.579	1.94	2.629	1.94

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
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	2.629	1.21	2.673	1.65
2641	Cave Quarries	Ledges 201-202	8	2.654	0.77	2.682	1.07
2641	Cave Quarries	Ledges 4-10	8	2.644	1.10	2.683	1.50
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	2.643	1.32	2.690	1.78
2642	U.S. Aggregates	Ledges 501-608	8	2.653	1.08	2.692	1.48
2642	U.S. Aggregates	Ledges 602-608	8	2.616	1.54	2.670	2.08
2642	U.S. Aggregates	Ledges 801-902	8	2.560	1.87	2.624	2.51
2642	U.S. Aggregates	Ledges 501-608	11	2.642	1.48	2.695	1.99
2642	U.S. Aggregates	Ledges 602-608	11	2.564	2.32	2.643	3.10
2642	U.S. Aggregates	Ledges 801-902	11	2.560	2.04	2.630	2.73
2642	U.S. Aggregates	Ledges 501-608	Sand	2.603	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	2.550	2.60	2.617	2.60
2643	Cave/Calcar Quarries	Ledges 1-16	8	2.590	1.50	2.643	2.02
2643	Cave/Calcar Quarries	Ledges 3-16	8	2.569	1.89	2.634	2.53
2643	Cave/Calcar Quarries	Ledges 1-16	11	2.581	1.85	2.645	2.48
2643	Cave/Calcar Quarries	Ledges 3-16	11	2.578	1.93	2.645	2.59
2643	Cave/Calcar Quarries	Ledges 1-16	Sand	2.567	2.30	2.626	2.30
2643	Cave/Calcar Quarries	Ledges 3-16	Sand	2.515	3.05	2.591	3.05
2645	Rogers Group	Ledge 102	8	2.664	0.72	2.691	1.01
2645	Rogers Group	Ledges 17-20	8	2.612	1.23	2.655	1.67
2645	Rogers Group	Ledges 6-20	8	2.627	1.11	2.667	1.52
2645	Rogers Group	Ledge 3-4	8	2.677	0.79	2.706	1.10
2645	Rogers Group	Ledges 13-15	8	2.561	1.71	2.620	2.30
2645	Rogers Group	Ledges 3-20	8	2.635	1.05	2.673	1.44
2645	Rogers Group	Ledges 3-4	11	2.670	0.92	2.704	1.27
2645	Rogers Group	Ledges 17-20	11	2.604	1.42	2.653	1.91
2645	Rogers Group	Ledges 6-20	11	2.629	1.26	2.673	1.71
2645	Rogers Group	Ledges 102	11	2.667	0.71	2.693	0.99
2645	Rogers Group	Ledges 13-15	11	2.541	2.12	2.613	2.84
2645	Rogers Group	Ledges 3-20	11	2.625	1.34	2.673	1.82
2645	Rogers Group	Ledge 102	Sand	2.639	1.17	2.670	1.17
2645	Rogers Group	Ledges 17-20	Sand	2.584	1.93	2.634	1.93
2645	Rogers Group	Ledges 6-20	Sand	2.600	1.73	2.645	1.726
2645	Rogers Group	Ledge 3-4	Sand	2.613	1.53	2.653	1.53
2645	Rogers Group	Ledges 13-15	Sand	2.563	2.12	2.617	2.12
2645	Rogers Group	Ledges 102	Sand	2.627	1.36	2.663	1.36
2645	Rogers Group	Ledges 3-20	Sand	2.599	1.64	2.642	1.64

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2646	Mulzer Crushed Stone	Ledges 401-402	8	2.609	1.62	2.666	2.19
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	2.676	0.57	2.697	0.81
2646	Mulzer Crushed Stone	Ledges 702-801	8	2.676	0.53	2.696	0.75
2646	Mulzer Crushed Stone	Ledges 702-804	8	2.641	0.97	2.676	1.33
2646	Mulzer Crushed Stone	Ledges 801-804	8	2.619	1.41	2.669	1.90
2646	Mulzer Crushed Stone	Ledge 805	8	2.592	2.52	2.670	3.02
2646	Mulzer Crushed Stone	Ledges 401-402	11	2.605	1.79	2.668	2.40
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
2646	Mulzer Crushed Stone	Ledge 603	11	2.580	1.72	2.640	2.31
2646	Mulzer Crushed Stone	Ledges 605-607	11	2.533	3.01	2.624	3.59
2646	Mulzer Crushed Stone	Ledge 608	11	2.672	0.64	2.696	0.89
2646	Mulzer Crushed Stone	Ledges 702-801	11	2.650	0.88	2.682	1.21
2646	Mulzer Crushed Stone	Ledges 702-804	11	2.639	1.18	2.681	1.61
2646	Mulzer Crushed Stone	Ledges 801-804	11	2.589	2.13	2.662	2.85
2646	Mulzer Crushed Stone	10 Sand - Ledges 401-402	Sand	2.542	2.71	2.611	2.71
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	2.500	3.68	2.591	3.68
2646	Mulzer Crushed Stone	10 Sand - Ledge 608	Sand	2.607	1.54	2.648	1.54
2646	Mulzer Crushed Stone	10 Sand - Ledges 702-804	Sand	2.621	1.30	2.655	1.30
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	2.595	1.76	2.657	2.36
2651	Rogers Group	Crushed Gravel	16	2.587	1.87	2.652	2.51
2651	Rogers Group	23 Nat. Sand	Sand	2.599	1.27	2.632	1.27
2651	Rogers Group	24 Man. Sand	Sand	2.593	1.71	2.637	1.71
2668	Mulzer Crushed Stone		Sand	2.575	1.12	2.604	1.12

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
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	2.592	1.79	2.654	2.41
2687	VCNA Prairie Aggregates		12	2.593	2.10	2.666	2.80
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
2688	Gibson County Sand		Sand	2.585	1.36	2.620	1.36
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	2.621	0.97	2.647	0.97
2703	Speedway Lancaster		Sand	2.532	2.10	2.585	2.10
2718	Elkhart County Gravel		8	2.657	1.34	2.705	1.81
2718	Elkhart County Gravel		Sand	2.613	1.29	2.647	1.29

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
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	2.665	1.66	2.725	2.23
2741	Stone Co. Quarry		12	2.665	2.19	2.743	2.93
2741	Stone Co. Quarry		Sand	2.709	1.82	2.759	1.82
2743	Clifford Aggregate Inc.	Crushed Gravel	8	2.632	1.43	2.683	1.94
2743	Clifford Aggregate Inc.	Gravel	8	2.596	1.77	2.658	2.38
2743	Clifford Aggregate Inc.		Sand	2.619	1.26	2.652	1.26
2749	Stafford Gravel		Sand	2.601	1.42	2.638	1.42
2758	Eshelman Excavating		Sand	2.618	1.27	2.652	1.27
2762	Martin Marietta		Sand	2.618	1.24	2.650	1.24
2763	Clifford Aggregate Inc.		8	2.643	1.29	2.689	1.75
2763	Clifford Aggregate Inc.		Sand	2.630	1.13	2.660	1.13
2764	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-4	8	2.461	3.62	2.567	4.31
2764	Heidelberg Materials Midwest Agg, Inc.	Ledges 6-8	8	2.500	3.46	2.603	4.13
2764	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-4	11	2.470	3.80	2.582	4.53
2764	Heidelberg Materials Midwest Agg, Inc.	Ledges 6-8	11	2.491	3.87	2.606	4.61
2764	Heidelberg Materials Midwest Agg, Inc.	Ledges 1-4, 502, 6-8	Sand	2.484	4.53	2.597	4.53
2771	Moose Lake Aggregate		Sand	2.597	1.23	2.629	1.23
2772	Butler Mill Service		11	3.679	1.31	3.745	1.78
2772	Butler Mill Service		Sand	3.521	2.72	3.617	2.72
2776	Mulzer Crushed Stone	Ledges 601-605	8	2.667	0.83	2.698	1.15
2776	Mulzer Crushed Stone	Ledges 801-811	8	2.615	1.48	2.667	2.00
2776	Mulzer Crushed Stone	Ledges 813-816	8	2.593	1.28	2.638	1.74
2776	Mulzer Crushed Stone	Ledges 817-911	8	2.647	1.23	2.691	1.68
2776	Mulzer Crushed Stone	Ledges 817-909	8	2.602	1.72	2.663	2.32
2776	Mulzer Crushed Stone	Ledges 601-605	11	2.661	0.91	2.694	1.25
2776	Mulzer Crushed Stone	Ledges 801-811	11	2.604	1.72	2.664	2.31
2776	Mulzer Crushed Stone	Ledges 813-816	11	2.592	1.50	2.645	2.02
2776	Mulzer Crushed Stone	Ledges 817-911	11	2.636	1.41	2.686	1.91
2776	Mulzer Crushed Stone	Ledges 817-909	11	2.588	1.94	2.655	2.59
2776	Mulzer Crushed Stone	Ledges 801-811	10	2.524	3.06	2.601	3.06
2776	Mulzer Crushed Stone	Ledges 813-816	10	2.544	2.69	2.612	2.69
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	SMYRNA Ready Mix/ Sand & Gravel		8	2.593	1.99	2.662	2.66
2777	SMYRNA Ready Mix/ Sand & Gravel		12	2.581	2.29	2.660	3.05
2777	SMYRNA Ready Mix/ Sand & Gravel		Sand	2.595	1.83	2.643	1.83

Source	Producer	Additional Info	Product	Gsb	Abs	Gsb (ssd)	Abs
2781	Beemsterboer Slag		11	3.361	1.49	3.429	2.01
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	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	Sand	2.623	1.28	2.657	1.28
2783	Heidelberg Materials Midwest Agg, Inc.	Ledges 1101-1201	8	2.671	0.77	2.700	1.07
2783	Heidelberg Materials Midwest Agg, Inc.	Ledges 1101-14	8	2.672	0.81	2.702	1.12
2783	Heidelberg Materials Midwest Agg, Inc.	Ledges 12-14	8	2.685	0.65	2.710	0.92
2783	Heidelberg Materials Midwest Agg, Inc.	Ledges 12-14	8	0.006	0.12	0.006	0.22
2783	Heidelberg Materials Midwest Agg, Inc.	Ledges 3-502	8	2.668	1.11	2.708	1.52
2783	Heidelberg Materials Midwest Agg, Inc.	Ledges 1101-1201	8	2.671	0.77	2.700	1.07
2783	Heidelberg Materials Midwest Agg, Inc.	Ledges 1101-14	11	2.633	1.30	2.679	1.77
2783	Heidelberg Materials Midwest Agg, Inc.	Ledges 12-14	11	2.680	0.68	2.705	0.95
2783	Heidelberg Materials Midwest Agg, Inc.	Ledges 12-14	Sand	2.618	1.62	2.660	1.62
2783	Heidelberg Materials Midwest Agg, Inc.	Ledges 1101-14	Sand	2.634	1.30	2.668	1.30
2783	Heidelberg Materials Midwest Agg, Inc.	Ledges 3-502	Sand	2.623	1.43	2.660	1.43
2786	Watson Gravel		8	2.595	1.71	2.655	2.30
2786	Watson Gravel		Sand	2.593	1.53	2.633	1.53
2788	VCNA Prairie Aggregates		8	2.583	1.88	2.648	2.53
2788	VCNA Prairie Aggregates		Sand	2.614	1.43	2.651	1.43
2789	Elkhart County Gravel		Sand	2.612	1.22	2.643	1.22
2791	Phoenix Services	Steel Slag	11 ss	3.241	2.12	3.332	2.83
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	2.633	1.52	2.687	2.05
2792	IMI		12	2.620	1.69	2.679	2.28
2792	IMI		Sand	2.628	1.19	2.659	1.19
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	2.597	1.48	2.635	1.48

