



<b>Source / Location</b>	<b>Contact Information</b>	<b>Rock Classification: Basalt</b>
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<b>AASHTO T-27</b>												
Sieve Analysis of Fine and Coarse Aggregate												
% Passing	3/4" Blend	7/16"	5/16"	Dense Grade (R)	TRG	Dense Grade (G)	1 1/2"	3/4"	1/2"	3/8"	Fines	Sand Delta
2"	100	100	100	100	100	100	100	100	100	100	100	100
1 1/2"	100	100	100	95	100	97	94	100	100	100	100	100
1"	100	100	100	84	100	80	42	100	100	100	100	100
3/4"	98	100	100	71	100	75	19	96	100	100	100	100
1/2"	80	100	100	58	97	70	2	24	93	100	100	100
3/8"	43	95	100	52	86	66	1	2	31	96	100	100
#4	6	6	45	38	52	54	1	1	2	30	98	94
#8	3	1	5	30	32	37	1	1	1	5	73	84
#16	2	-	1	24	21	24	-	-	-	3	47	68
#30	1	-	-	19	15	17	-	-	-	-	33	41
#50	1	-	-	16	10	13	-	-	-	-	23	14
#100	1	-	-	13	9	10	-	-	-	-	16	6
#200	0.8	-	-	8.0	6	7	-	-	-	-	9.3	2

<b>ASTM D-1557</b> Method C	Proctor	137.9	131.5	141.3
	Opt. Mc.	7.2	8.1	8.9

FM =	3.1	3.0
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<b>AASHTO T-84</b> (Fine Aggregate)	Bulk Specific Gravity	2.804	2.831	2.800	2.825	2.765	2.626
	Specific Gravity (SSD)	2.825	2.857	2.828	2.861	2.800	2.661
<b>AASHTO T-85</b> (Coarse Aggregate)	Apparent Specific Gravity	2.862	2.903	2.879	2.932	2.865	2.722
	Absorption	0.73%	0.86%	0.97%	1.28%	1.26%	1.34%

<b>ASTM D-5821</b>	Fractured Particles (1 face / 2 face)	100%	100%	100%	100%	-	-
<b>ASTM D-4791</b>	Flat / Elongated	6%	4%	3%	6%	-	-
<b>AASHTO T-304</b>	Uncompacted Voids	-	-	-	-	51.1%	43.6%
<b>AASHTO T-176</b>	Sand Equivalent	-	-	-	-	49%	80%
<b>AASHTO T-19</b>	Dry Rodded Unit Wt. (lbs./cu.ft)	100.0	102.0	100.4	102.0	117.0	111.0

<b>AASHTO T-96</b>					
Resistance to Abrasion of Small Size Coarse Aggregate by use of Los Angeles Abrasion Machine					
Grading	B	Revolutions	500	Percent Loss (Average)	9.0