



Source / Location	Contact Information	Rock Classification: Basalt
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AASHTO T-27 Sieve Analysis of Fine and Coarse Aggregate												
% Passing	3/4" Blend	7/16"	5/16"	ABC / 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	97	100	98	95	100	100	100	100	100
1"	100	100	100	86	100	81	35	100	100	100	100	100
3/4"	99	100	100	80	99	76	4	92	100	100	100	100
1/2"	78	100	100	60	91	67	2	19	96	100	100	100
3/8"	44	90	100	46	78	62	2	3	27	97	100	100
#4	7	3	32	35	52	46	1	2	2	17	98	91
#8	2.5	2	3	23	35	32	1	1	2	2	68	75
#16	-	-	2	20	22	22	-	-	-	1	43	54
#30	-	-	-	15	15	15	-	-	-	-	28	28
#50	-	-	-	12	10	11	-	-	-	-	19	11
#100	-	-	-	9	7	7	-	-	-	-	13	4
#200	-	-	-	7	6	4	-	-	-	-	8	2

ASTM D-1557 Method C	Proctor	135.8	133.1	137.2
	Opt. Mc.	8.8	7.8	8.0

FM =	3.0	3.4
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AASHTO T-84 (Fine Aggregate)	Bulk Specific Gravity	2.861	2.856	2.873	2.861	2.811	2.563
	Specific Gravity (SSD)	2.869	2.865	2.881	2.869	2.839	2.621
AASHTO T-85 (Coarse Aggregate)	Apparent Specific Gravity	2.881	2.880	2.890	2.885	2.891	2.720
	Absorption	0.50%	0.45%	0.40%	0.41%	1.50%	1.90%

ASTM D-5821	Fractured Particles (1 face / 2 face)	100%	100%	100%	100%	-	-
ASTM D-4791	Flat / Elongated	3%	1%	2%	3%	-	-
AASHTO T-304	Uncompacted Voids	-	-	-	-	51.5%	43.0%
AASHTO T-176	Sand Equivalent	-	-	-	-	50%	80%
AASHTO T-19	Dry Rodded Unit Wt. (lbs./cu.ft)	99.1	102.9	103.0	98.2	118.7	109.8

AASHTO T-96 Resistance to Abrasion of Small Size Coarse Aggregate by use of Los Angeles Abrasion Machine					
Grading	A	Revolutions	500	Percent Loss (Average)	10.0
Grading	B	Revolutions	500	Percent Loss (Average)	9.0