



2025

Product Data Sheet
Plant: Mt. Athos

I. GEOLOGICAL FORMATION: GREENSTONE

II. CHEMICAL ANALYSIS (MARCH 2025) :

Silica	as SiO ₂	50.0%	Calcium	as CaO	6.2%
Iron	as Fe ₂ O ₃	15.5%	Magnesium	as MgO	6.4%
Aluminum	as Al ₂ O ₃	13.4%	Sulphur	as S	<.05

III. QUALITY DATA:			Product							
TEST	TEST DATE		3	ASPHALT 57	57	78	8	9	A SAND	
* SPECIFIC GRAVITY *										
BULK (ASPHALT)	1/2025		3.005	2.999	3.000	2.995	2.995	2.992	2.986	
BULK - SSD (CONCRETE)	1/2025		3.023	3.015	3.017	3.010	3.014	3.013	3.010	
APPARENT	1/2025		3.060	3.049	3.052	3.048	3.054	3.057	3.062	
% ABSORPTION	1/2025		59.0%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	
* LOS ANGELES DEGRADATION *										
GRADING A % LOSS	1/2025	19.5%								
GRADING B % LOSS	1/2025	20.4%								
GRADING C % LOSS	1/2025	22.6%								
SOUNDNESS % LOSS (Magnesium Sulfate)	1/2025		0.3%	0.3%	0.3%	0.5%	0.6%	2.3%	2.7%	
SOUNDNESS % LOSS (Sodium Sulfate)										
* SUPERPAVE *										
ASTM C1252 % VOIDS (METH A)	1/2025								49.4%	
AASHTO T 176 SAND EQUIVALENT	1/2025								96	
ASTM D4791 % F & E (5:1)	1/2025			6.8%	1.0%	5.8%	9.1%			