



2024

Product Data Sheet
Plant: Piney River

I. GEOLOGICAL FORMATION: APLITE

II. CHEMICAL ANALYSIS (May 2024) :

Silica	as SiO2	55.7%	Calcium	as CaO	5.2%
Iron	as Fe2O3	2.0%	Magnesium	as MgO	1.0%
Aluminum	as Al2O3	20.0%	Sulphur	as S	<0.05

III. QUALITY DATA:		Product													
TEST	TEST DATE	MP 1	MP 2	MP 3	MP 57	IMP 68	MP 78	MP 8	IMP 8/8P	9	B Sand	IMP A Sand	MP A Sand	10	
SPECIFIC GRAVITY															
BULK (ASPHALT)	2/24	2.737	2.734	2.742	2.752	2.746	2.739	2.747	2.748	2.711	2.707	2.705	2.716	2.711	
BULK - SSD (CONCRETE)	2/24	2.747	2.747	2.756	2.764	2.762	2.756	2.765	2.760	2.731	2.731	2.723	2.740	2.735	
APPARENT	2/24	2.765	2.769	2.783	2.785	2.791	2.786	2.796	2.781	2.767	2.774	2.753	2.782	2.769	
% ABSORPTION	2/24	0.4%	0.5%	0.5%	0.4%	0.6%	0.6%	0.6%	0.4%	0.8%	0.9%	0.6%	0.9%	0.8%	
* LOS ANGELES DEGRADATION *															
GRADING A % LOSS	2/24	14.2%													
GRADING B % LOSS	2/24	15.5%													
GRADING C % LOSS	2/24	17.1%													
SOUNDNESS % LOSS (Magnesium Sulfate)	2/24														
SOUNDNESS % LOSS (Sodium Sulfate)															
* SUPERPAVE *															
ASTM C1252 % VOIDS (METH A)	2/24				0.2%	0.0%	5.0%	2.7%	0.1%		47.8%	45.1%	49.0%	48.6%	
AASHTO T 176 SAND EQUIVALENT	2/24										98	96	95	79	
ASTM D4791 % F & E (5:1)	2/24														