



2021

Product Data Sheet  
Plant: Piney River

I. GEOLOGICAL FORMATION: APLITE

II. CHEMICAL ANALYSIS (MAY 2021) :

Silica	as SiO2	60.1%	Calcium	as CaO	5.5%
Iron	as Fe2O3	0.7%	Magnesium	as MgO	0.2%
Aluminum	as Al2O3	21.9%	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	
<b>*SPECIFIC GRAVITY*</b>															
BULK (ASPHALT)	03/21	2.748	2.744	2.739	2.733	2.736	2.738	2.736	2.742	2.706	2.705	2.707	2.706	2.702	
BULK - SSD (CONCRETE)	03/21	2.755	2.755	2.751	2.743	2.745	2.749	2.747	2.753	2.723	2.728	2.728	2.723	2.724	
APPARENT	03/21	2.766	2.773	2.772	2.761	2.767	2.769	2.768	2.773	2.753	2.781	2.764	2.755	2.762	
% ABSORPTION	03/21	0.2%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.6%	0.9%	0.7%	0.7%	0.8%	
<b>* LOS ANGELES DEGRADATION *</b>															
GRADING A % LOSS	03/21	14.2%													
GRADING B % LOSS	03/21	13.7%													
GRADING C % LOSS	03/21	17.6%													
SOUNDNESS % LOSS (Magnesium Sulfate)	04/21	0.4%	0.4%	0.4%	0.2%	0.2%	0.2%	0.2%	0.2%	5.4%	3.3%	2.6%	2.8%	3.6%	
SOUNDNESS % LOSS (Sodium Sulfate)															
0															
Stone (lb/sq yd)															
Emulsion (gal/sq yd)															
<b>* SUPERPAVE *</b>															
ASTM C1252 % VOIDS (METH A)	03/21										48.3%	45.1%	45.1%	49.4%	
AASHTO T 176 SAND EQUIVALENT	03/21										97	95	96	81	
ASTM D4791 % F & E (5:1)	03/21				1.7%	0.0%	4.2%	4.7%	0.0%						