



2020

Product Data Sheet
Plant: Piney River

I. GEOLOGICAL FORMATION: APLITE

II. CHEMICAL ANALYSIS () :

Silica	as SiO ₂	Calcium	as CaO
Iron	as Fe ₂ O ₃	Magnesium	as MgO
Aluminum	as Al ₂ O ₃	Sulphur	as S

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)	03/20	2.746	2.746	2.748	2.741	2.746	2.764	2.735	2.752	2.719	2.707	2.714	2.711	2.693
BULK - SSD (CONCRETE)	03/20	2.754	2.755	2.761	2.760	2.759	2.778	2.751	5.763	2.735	2.731	2.736	2.729	2.726
APPARENT	03/20	2.768	2.771	2.786	2.792	2.782	2.805	2.780	2.782	2.764	2.775	2.777	2.762	2.786
% ABSORPTION	03/20	0.3%	0.3%	0.5%	0.7%	0.5%	0.5%	0.6%	0.4%	0.6%	0.9%	0.8%	0.7%	1.2%
* LOS ANGELES DEGRADATION *														
GRADING A % LOSS	03/20	13.3%												
GRADING B % LOSS	03/20	13.8%												
GRADING C % LOSS	03/20	14.9%												
SOUNDNESS % LOSS (Magnesium Sulfate)	03/20	0.3%	0.3%	0.3%	0.4%	0.4%	0.3%	0.2%	0.2%	0.9%	2.2%	2.5%	2.8%	1.6%
SOUNDNESS % LOSS (Sodium Sulfate)														
0														
Stone (lb/sq yd)														
Emulsion (gal/sq yd)														
* SUPERPAVE *														
ASTM C1252 % VOIDS (METH A)	03/20										48.5%	45.5%	49.5%	48.4%
AASHTO T 176 SAND EQUIVALENT	03/20										95	97	95	83
ASTM D4791 % F & E (5:1)	03/20				1.0%	0.0%	3.9%	2.4%	0.1%					