



2019

Product Data Sheet  
Plant: Fieldale

I. GEOLOGICAL FORMATION: BIOTITE GNEISS

II. CHEMICAL ANALYSIS (March 2019) :

Silica	as SiO2	64.9%	Calcium	as CaO	3.2%
Iron	as Fe2O3	6.4%	Magnesium	as MgO	2.2%
Aluminum	as Al2O3	14.5%	Sulphur	as S	0.03%

III. QUALITY DATA:

TEST	TEST DATE	Product												
		3	5	W 57	REG 57	68	78	8P	8	9	10C	10	B Slurry	C Slurry
<b>* SPECIFIC GRAVITY *</b>														
BULK (ASPHALT)	02/19	2.777	2.777	2.813	2.793	2.811	2.780	2.806	2.773	2.781	2.788	2.789	2.805	2.795
BULK - SSD (CONCRETE)	02/19	2.789	2.791	2.826	2.805	2.828	2.796	2.826	2.792	2.791	2.799	2.802	2.811	2.809
APPARENT	02/19	2.812	2.816	2.850	2.827	2.861	2.827	2.865	2.826	2.809	2.819	2.826	2.821	2.833
% ABSORPTION	02/19	0.5%	0.5%	0.5%	0.4%	0.6%	0.6%	0.7%	0.7%	0.4%	0.4%	0.5%	0.2%	0.5%
<b>* LOS ANGELES DEGRADATION *</b>														
GRADING A % LOSS	02/19	28.5%												
GRADING B % LOSS	02/19	30.0%												
GRADING C % LOSS	02/19	32.2%												
GRADING D % LOSS	02/19													
SOUNDNESS % LOSS (Magnesium Sulfate)	02/19	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	3.3%	4.2%	3.2%	3.2%	2.7%
SOUNDNESS % LOSS (Sodium Sulfate)														
<b>*Surface Treatment Rate of Application*</b>														
Stone (lb/sq yd)														
Emulsion (gal/sq yd)														
<b>* SUPERPAVE *</b>														
ASTM C1252 % VOIDS (METH A)	02/19										49.7%	50.7%	49.6%	50.7%
AASHTO T 176 SAND EQUIVALENT	02/19										94	85	81	79
ASTM D4791 % F & E (5:1)	02/19	0.7%	0.7%	0.0%	0.1%	0.9%	3.5%	0.7%	0.0%					