



2023

Product Data Sheet
Plant: Fieldale

I. GEOLOGICAL FORMATION: BIOTITE GNEISS

II. CHEMICAL ANALYSIS (3/2023) :

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	1	3	5	W 57	REG 57	68	78	8P	8	9	10C	10	B Slurry	C Slurry
* SPECIFIC GRAVITY *															
BULK (ASPHALT)	1/23	2.832	2.824	2.817	2.817	2.813		2.780		2.805	2.813	2.797	2.795	2.798	2.792
BULK - SSD (CONCRETE)	1/23	2.837	2.833	2.828	2.836	2.826		2.801		2.825	2.831	2.815	0.811	2.817	2.806
APPARENT	1/23	2.846	2.851	2.849	2.871	2.850		2.839		2.862	2.865	2.848	2.842	2.852	2.833
% ABSORPTION	1/23	0.2%	0.3%	0.4%	0.7%	0.5%		0.8%		0.7%	0.7%	0.6%	0.6%	0.7%	0.8%
* LOS ANGELES DEGRADATION *															
GRADING A % LOSS	1/23	28.7%													
GRADING B % LOSS	1/23	26.7%													
GRADING C % LOSS	1/23	30.9%													
GRADING D % LOSS															
SOUNDNESS % LOSS (Magnesium Sulfate)	1/23														
SOUNDNESS % LOSS (Sodium Sulfate)															
Surface Treatment Rate of Application															
Stone (lb/sq yd)															
Emulsion (gal/sq yd)															
* SUPERPAVE *															
ASTM C1252 % VOIDS (METH A)	1/23											48.2%	49.5%	50.0%	50.9%
AASHTO T 176 SAND EQUIVALENT	1/23											97	81	78	80
ASTM D4791 % F & E (5:1)	1/23			0.0%	0.7%	0.6%	0.7%	0.0%		0.8%					