



AGGREGATE, INC.

**CALCITE LIMESTONE
STATE PIT NO. 71-3**

PHYSICAL PROPERTIES	VALUES
BULK SPECIFIC GRAVITY (AME - 2010)	2.57
BULK SPECIFIC GRAVITY SSD (AME - 2010)	2.60
WATER ABSORPTION % (AME - 2010)	1.40
MAGNESIUM SULFATE SOUNDNESS (AME - 2010)	2
SODIUM SULFATE SOUNDNESS (SOLAR TESTING LABORATORIES, INC. - 2008)	3.2
FREEZE THAW FACTOR (MDOT 2009)	68
FREEZE THAW DILATION, % PER 100 CYCLES (MDOT 2009)	0.015
PLASTICITY (CALCITE LAB 1983- AASHTO 91-7)	NON PLASTIC
COMPRESSION STRENGTH (FULLER COMPANY - 2001)	11433 psi
BOND WORKING INDEX (COLERAINE MINERALS RESEARCH LABORATORY. (01/2010)	8.2
ACID SOLUBLE CHLORIDES (CTL GROUP 2008)	0.041
WATER SOLUBLE CHLORIDES (CTL GROUP 2008)	0.021
AGGREGATE WEAR INDEX (MDOT 2002)	173.7

LOS ANGES ABRASION (ASTM C 131-81) SOLAR TESTING LAB	
TESTED	GRADE B
	(3/4 x 3/8)
2008	31.0 %

Bay AGGREGATE, INC.
