

**NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
MATERIALS BUREAU**

FINE AGGREGATE ANALYSIS FOR 703-01 PHYSICAL REQUIREMENTS

SOURCE # **4- 49F** TEST # **07AF175** BR3a SERIAL # **223520**
 Eagle Harbor Sand & Gravel
 Barre, NY

On 02/06/08 results of tests on material represented by sample 223520 were evaluated.
Material meets specifications for Item 703-01. Consult friction aggregate requirements for approved use.

REMARKS:

Organic Color <1
 5 Cycle MgSO₄ 25.5 %
 UCVC (FAA) 41.3 %

Bulk Specific Gravity SSD 2.64
 Bulk Specific Gravity 2.606
 Apparent Specific Gravity 2.697
 Absorption 1.3

Gravity and absorption values represent this sample only. They may not be appropriate for designing mixes.

Sieve Size + 30 - 30
 (+600 μm) (-800 μm)

% Insoluble Residue 67.7 85.0

Percent insoluble residue values represent this sample only. When designing mixes, follow procedures in the appropriate Materials Method.

GRADATION	Sieve	% Retained	% Passing
	4 (4.75 mm)	5.1	94.9
	8 (2.36 mm)	15.2	79.7
	16 (1.18 mm)	19.3	60.4
	30 (600 μm)	19.7	40.7
	50 (300 μm)	22.0	18.8
	100 (150 μm)	13.9	4.9
	200 (75 μm)	3.6	1.2
	Finer (washed)	1.2	
	Fineness Modulus	3.004	