

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

FINE AGGREGATE ANALYSIS FOR 703-01 PHYSICAL REQUIREMENTS

SOURCE # **4- 49F**

TEST # **11AF115**

BR3a SERIAL # **214285**

Eagle Harbor Sand & Gravel
Barre, NY

On 10/25/11 results of tests on material represented by sample 214285 were evaluated.
Material meets specifications for Item 703-01. Consult friction aggregate requirements for approved use.

REMARK

Organic Color <1
5 Cycle MgSO₄ 21.8 %
UCVC (FAA) 41.7 %

Bulk Specific Gravity SSD 2.64
Bulk Specific Gravity 2.613
Apparent Specific Gravity 2.690
Absorption 1.1

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

Sieve Size + 30 - 30
(+600 μm) (-600 μm)
% Insoluble Residue 67.9 86.2

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)	1.4	98.6
8 (2.36 mm)	13.9	84.7
16 (1.18 mm)	17.2	67.5
30 (600 μm)	17.6	49.9
50 (300 μm)	23.8	26.1
100 (150 μm)	18.9	7.2
200 (75 μm)	5.5	1.7
Finer (washed)	1.7	
Fineness Modulus	2.660	