

**NEW YORK STATE DEPARTMENT OF TRANSPORTATION MATERIALS BUREAU  
COARSE AGGREGATE ANALYSIS FOR 703-02 PHYSICAL REQUIREMENTS**

Source
4-16R
Shelby Crushed Stone Products
Shelby Center, NY

Sample/Test
Sample Date: 09/20/2022
Test No.: 22AR048
LRN: SM22051959
Smpl ID: mjurban229L105331

**\*\* Privileged and Confidential \*\***

Test results represent this sample only. They may not be appropriate for designing mixes. When designing mixes, follow procedures in appropriate Materials Method.

**Material meets specifications for §703-02, Coarse Aggregate. Consult pavement friction requirements for intended use.**

Run	Specific Gravity
1	Bulk SSD 2.718
1	Bulk 2.688
1	Apparent 2.772
1	Absorption (%) 1.1

Run	10 Cycle MgSO4
1	Stone Size 1
1	Loss (%) 12.4

Max Loss ≤ 18% on #2 stone.  
Max Loss ≤ 32% on #1 Stone.\*

**Uncompacted Voids**

**25 Cycle 3% Brine Freeze Thaw**

Loss #2 (%)	
Loss #1 (%)	3.8

Max Loss ≤ 20% on #2 stone.  
Max Loss ≤ 25% on #1 Stone.\*

**Acid Insoluble Residue Results**

>20% indicates high residue.

**Crush Count**

Min 75% crushed for #2 stone, 85% for #1 stone.\*

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Petrographic Results*	
Stone Size No.	1
Noncarbonate (%)	0
Deleterious Material	None
Rock Type Description	%
Dolomite (mottled)	64.5
Dolomite (tan)	35.5

Source Confirmation	
Stone Size No.	1
Source Confirmation	Matches Reference