

MICHIGAN DEPARTMENT OF TRANSPORTATION
Rock Quarries with Passing Durability and Gradation Tests (Riprap, Special, and Other Items)
***As of 1/7/2026**

Durability testing is not required for MDOT Standard Specifications pay items of Riprap, Plain; Riprap, Plain, LM; Riprap, Heavy; Riprap, Heavy, LM

Durability Test Results						
Pit Name and number	Quarry Passes Durability Test (Yes or No) If yes, place date tested under YES	Minimum Bulk Dry Specific Gravity 2.5	2.5 percent maximum 24-hour absorption ASTM D6473	Sulfate Soundness Test 5 Cycles Less than 10 Percent ASTM D5240/D5240M	Passing Gradations for Riprap, Special, Classes (Wolman Count)	Notes
Ottawa Lake Pit # 58-03	YES 3/7/2025	2.67	1.40%	0.80%	Passing Gradations on Class I, II and III	Wolman Count done through blending of piles
Wallace Stone Pit # 32-004	YES 3/31/2025	2.66	1.10%	0.00%	Passing Gradations on Class II	Wolman Count done through blending of piles
Specification Stone Pit # 04-057	YES 3/31/2025	2.64	0.70%	0.20%	Passing Gradations on Class II	Wolman Count done using one pile
Szymanski Pit # 04-53	YES 4/9/2025	2.70	0.20%	0.0%	Passing Gradations on Class II	Wolman Count done through blending of piles
Dundee Pit # 58-06	YES 12/5/2024	2.59	0.30%	0.0%	To be completed soon	New durability test coming

Note: These durability test and gradation requirements fall under pay items addressed in the following special provisions.

Riprap, Inside Culvert-20RC813(A535)
Riprap, Special-20RC813(A215)-Square Yard
Riprap, Special-20RC813-A220-03-Ton
Riprap, Under Structures-20RC813-A225-03
Riprap, Under Structures, Into Rock 20EN813-A225-03
Riprap, Into Rock 20EN813(045)

*This information is provided solely to inform contractors of quarries that have had passing results on past projects. The information provided on this list is not a substitute for contractual acceptance criteria and is not a guarantee that future material will pass required gradation or durability testing.