

MECHANICAL ANALYSIS REPORT

COLLECTION DATE:

June 29, 2006

SOURCE:

Moscow Quarry MDOT #30-073 ODOT P/S04126-01

SAMPLE ID:

21A Modified Dense-Graded Aggregate

LOCATION SAMPLE COLLECTED:

Production

SIEVE	INDIVIDUAL % RETAINED	CUMULATIVE % PASSING	MI 21AA SPEC % PASSING
3" (75mm)			
2-1/2" (62.5mm)			
2" (50mm)			
1 1/2"(37.5mm)	0.0	100	100
1" (25mm)	9.4	91	85-100
3/4" (19mm)	5.3	85	
1/2" (12.5mm)	12.0	73	50-75
3/8"(9.5mm)	5.0	68	
No. 4 (4.75mm)	13.7	55	
No. 8 (2.36mm)	10.1	45	20-45
No. 16 (1.18mm)	9.4	35	
No. 30 (600um)	8.5	27	
No. 50 (300um)			
No. 100 (150um)			
No. 200 LBW (75um)		7	0-15

Crush Count

% Crushed	25% Min
La Abrasion Loss	50% Max

Test Methods

MTM-108, MTM-109, MTM-110, MTM-117, MTM-102

21A Dense-Graded Aggregate

RESPECTFULLY SUBMITTED:

Chip Tokar