

MECHANICAL ANALYSIS REPORT

COLLECTION DATE:

August 15, 2006

SOURCE:

Clinton Quarry MDOT#81-21, ODOT P/S 04128-01

SAMPLE ID:

21AA Dense-Graded Aggregate

LOCATION SAMPLE COLLECTED:

Loadout Stockpile

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)	10.1	90	85-100
3/4" (19mm)	15.5	74	
1/2" (12.5mm)	20.0	54	50-75
3/8" (9.5mm)	10.5	44	
No. 4 (4.75mm)	14.3	30	
No. 8 (2.36mm)	7.3	22	20-45
No. 16 (1.18mm)			
No. 30 (600um)			
No. 50 (300um)			
No. 100 (150um)			
LBW (75um)		7.5	04-10

% Crushed	95% Min
La Abrasion Loss	50% Max

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

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