

MECHANICAL ANALYSIS REPORT

COLLECTION DATE:

September 8, 2006

SOURCE:

Tecumseh MDOT Pit 46-051/ ODOT 04159-01

SAMPLE ID:

MASON SAND

LOCATION SAMPLE COLLECTED:

Production PM

SIEVE	INDIVIDUAL % RETAINED	CUMULATIVE % PASSING	MI 2MS SPEC % PASSING	ODOT 703.03 SPEC
				% PASSING
3" (75mm)				
2-1/2" (62.5mm)				
2" (50mm)				
1 1/2"(37.5mm)				
1" (25mm)				
3/4" (19mm)				
1/2" (12.5mm)				
3/8"(9.5mm)				
No. 4 (4.75mm)	0.0	100	100	100
No. 8 (2.36mm)	0.2	100	95-100	95-100
No. 16 (1.18mm)	3.3	96		
No. 30 (600um)	18.9	78		
No. 50 (300um)	39.2	38	15-40	10-40
No. 100 (150um)	35.5	3	0-10	0-15
No.200 (lbw)		0.0	0-3	0-5

FM

1.85

Test Methods ASTM C-137, AASHTO T248, AASHTO T27, MTM-108, MTM-109