

MECHANICAL ANALYSIS REPORT

COLLECTION DATE:

September 11, 2006

SOURCE:

Clinton Quarry MDOT Pit # 81-21 ODOT P/S

SAMPLE ID:

2NS FINE AGGREGATE

LOCATION SAMPLE COLLECTED:

Loadut

| SIEVE | INDIVIDUAL % RETAINED | CUMULATIVE % PASSING | MI 2NS SPEC % PASSING | ODOT 703.02 SPEC % PASSING |
|-----------------|--------------------------|-------------------------|--------------------------|-------------------------------|
| 3" (75mm) | 0.0 | 100 | | |
| 2-1/2" (62.5mm) | 0.0 | 100 | | |
| 2" (50mm) | 0.0 | 100 | | |
| 1 1/2"(37.5mm) | 0.0 | 100 | | |
| 1" (25mm) | 0.0 | 100 | | |
| 3/4" (19mm) | 0.0 | 100 | | |
| 1/2" (12.5mm) | 0.0 | 100 | | |
| 3/8"(9.5mm) | 0.0 | 100 | 100 | 100 |
| No. 4 (4.75mm) | 4.0 | 96 | 95-100 | 95-100 |
| No. 8 (2.36mm) | 13.5 | 83 | 65-95 | 70-100 |
| No. 16 (1.18mm) | 18.9 | 64 | 35-75 | 38-80 |
| No. 30 (600um) | 18.7 | 45 | 20-55 | 18-60 |
| No. 50 (300um) | 21.3 | 24 | 10-30 | 5-30 |
| No. 100 (150um) | 16.4 | 7 | 0-10 | 1-10 |
| P-200 | | 1.4 | 0-3 | 0-5 |

FM

2.82

Test Methods ASTM C-136, AASHTO T248, AASHTO T27, MTM-108, MTM-109

MOISTURE %

3.5

2NS Fine Aggregate