

## MECHANICAL ANALYSIS REPORT

COLLECTION DATE:

July 18, 2006

SOURCE:

Moscow Quarry

MDOT #30-073

ODOT P/S04126-01

SAMPLE ID:

6A Drainage Stone

LOCATION SAMPLE COLLECTED:

Production

| SIEVE              | INDIVIDUAL<br>% RETAINED | CUMULATIVE<br>% PASSING | MDOT 6A SPEC<br>% PASSING |
|--------------------|--------------------------|-------------------------|---------------------------|
| 3" (75mm)          |                          |                         |                           |
| 2-1/2" (62.5mm)    |                          |                         |                           |
| 2" (50mm)          |                          |                         |                           |
| 1 1/2" (37.5mm)    | 0.0                      | <b>100</b>              | <b>100</b>                |
| 1" (25mm)          | 0.0                      | <b>100</b>              | <b>95-100</b>             |
| 3/4" (19mm)        | 4.9                      | 95                      |                           |
| 1/2" (12.5mm)      | 43.9                     | <b>51</b>               | <b>30-60</b>              |
| 3/8" (9.5mm)       | 39.9                     | 11                      |                           |
| No. 4 (4.75mm)     | 10.2                     | <b>1</b>                | <b>0-8</b>                |
| No. 8 (2.36mm)     | 0.2                      | 1                       |                           |
| No. 16 (1.18mm)    |                          |                         |                           |
| No. 30 (600um)     |                          |                         |                           |
| No. 50 (300um)     |                          |                         |                           |
| No. 100 (150um)    |                          |                         |                           |
| No. 200 LBW (75um) |                          | <b>0.5</b>              | <b>0-0.8</b>              |

Test Methods MTM 109-97, MTM 108-99

6A Coarse Graded Aggregate