



REPORT OF TEST

AGGREGATE WEAR INDEX  
PETROGRAPHIC DETERMINATION

FILE 300

|                                |                |
|--------------------------------|----------------|
| Control Section Identification |                |
| Job No.                        |                |
| Laboratory No.                 | 07A-10101*     |
| Date                           | March 13, 2007 |

Report on Sample of HOT MIX ASPHALT AGGREGATE (2NS)

|                    |                                             |                      |                        |
|--------------------|---------------------------------------------|----------------------|------------------------|
| Date Sampled       | Not Statcd                                  | Date Received        |                        |
| Source of Material | TECUMSEH ASI #46-051                        |                      |                        |
| Sampled From       |                                             | Quantity Represented |                        |
| Submitted By       | JEREMIAH HOFFER - STANLEY MINERAL RESOURCES |                      |                        |
| Intended Use       | Bituminous Mixtures                         | Specification        | 2NS 2003 Std Spec Supp |

TEST RESULTS

COMPOSITION OF SAMPLE

| ROCK TYPE           | PERCENT | WEAR TRACK<br>AWI | CALCULATED<br>AWI |
|---------------------|---------|-------------------|-------------------|
| IGNEOUS/METAMORPHIC | 35.8    | 370               | 132.5             |
| SEDIMENTARY         |         |                   |                   |
| Carbonates          | 52.2    | 250               | 130.5             |
| Sandstone           | 0.1     | 490               | 0.5               |
| Siltstone           |         | 475               |                   |
| Shale               | 9.9     | 335               | 33.2              |
| Clay Ironstone      |         | 275               |                   |
| Chert               | 2.0     | 345               | 6.9               |
| Crag                |         | 435               |                   |

|                                  |       |
|----------------------------------|-------|
| Weighted Sample AWI .....        | 303.6 |
| Uncrushed Particles,% .....      | 90    |
| AWI Reduction Based on Uncrushed |       |
| Reduction in Percent .....       | 23.4  |
| Adjusted AWI .....               | 232.6 |

REMARKS: \*

\*FOR INFORMATION ONLY

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Geologist