

WEST VIRGINIA DIVISION OF HIGHWAYS

WORKSHEET FOR CALCULATING BULK SPECIFIC GRAVITY AND ABSORPTION OF COARSE AGGREGATE

Source _____
 Type _____
 Tested by _____
 Date _____

COARSE AGGREGATE (RECORD WEIGHTS TO THE NEAREST 0.1 GRAMS)

A = Weight of oven-dry sample in air _____

B = Weight of saturated-surface-dry sample in air _____

C = Weight of saturated sample in water _____

Bulk Specific Gravity (Oven-dry Basis) = $\frac{A}{B - C}$ = _____

Apparent Specific Gravity = $\frac{A}{A - C}$ = _____

Absorption, percent = $\frac{B - A}{A} \times 100$ = _____

*Note: Report the following values to the nearest thousandth (0.001):
 Bulk and Apparent Specific Gravities
 Report % Absorption to the nearest hundredth (0.01)*