FINE AGGREGATE SPECIFIC GRAVITY WORKSHEET

North Dakota Department of Transportation, Materials & Research
SFN 2199 (Rev.01-2009)

Pit Location	Laboratory Number
Owner	Project
Sampled From	PCN
Submitted By	Date Received

Weight of oven dry sample.	grams (A)
Weight of saturated surface dry sample in air.	500.0 grams
Weight of flask, cover plate, and water to top of flask.	grams (B)
Weight of flask, cover plate, sample, and water to top of flask.	grams (C)

Bulk Specific Gravity

$$\frac{A}{B + 500 - C} = \frac{\qquad}{\qquad + 500 -} = \frac{\qquad}{\qquad} = \frac{\qquad}{\qquad}$$

Apparent Specific Gravity

$$\frac{A}{B + A - C} = \frac{\qquad}{\qquad + \qquad -} = \frac{\qquad}{\qquad} = \frac{\qquad}{\qquad}$$

Absorption

$$\frac{500 - A}{A} \times 100 = \frac{500 - \qquad}{\qquad} \times 100 = \frac{\qquad}{\qquad} \times 100 = \frac{\qquad}{\qquad}\ \%$$

Test T-84 Tested By: _____

Concrete Aggregate

Bulk Specific Gravity (saturated surface dry).

$$\frac{500}{B + 500 - C} = \frac{500}{\qquad + 500 -} = \frac{\qquad}{\qquad} = \frac{\qquad}{\qquad}$$

Test T-84 Tested By: _____