FINE AGGREGATE SPECIFIC GRAVITY WORKSHEET

North Dakota Department of Transportation, Materials and Research

SFN 2199 (1-2022)

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

Weight of oven dry sample.	grams (A)
Weight of saturated surface dry sample in air.	grams (S)
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

$$\frac{A}{B + S - C} = \frac{\quad}{+\quad -} = \frac{\quad}{0} =$$

Apparent Specific Gravity

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

Absorption

$$\frac{S - A}{A} \times 100 = \frac{\quad}{\quad -} \times 100 = \frac{0}{\quad} \times 100 = \quad \%$$

Concrete Aggregate

Bulk Specific Gravity (saturated surface dry).

$$\frac{S}{B + S - C} = \frac{\quad}{+\quad -} = \frac{\quad}{\quad} =$$

ND T-84 Tested By	Tech ID

Lab Supervisor Signature	Date