



**WOOD RODGERS**  
DEVELOPING INNOVATIVE DESIGN SOLUTIONS

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**SPECIFIC GRAVITY AND  
ABSORPTION -  
COARSE AGGREGATE  
ASTM C127**

PROJECT NAME:	Aggregate Qualifications
CLIENT:	Joy Engineering
SOURCE:	Sloat Pit
DATE SAMPLED:	07/23/15
SAMPLED BY:	Client

PROJECT NO.	2892.040	LAB NO.	3112
MATERIAL:	3/8" Stone		
DATE TESTED:	07/24/15		
TESTED BY:	CE		
REVIEWED BY:	BTC		

Weight of saturated surface dry sample in air - gms	B	1565.8
Weight of saturated sample in water - gms	C	966.6
Weight of oven-dry sample in air - gms	A	1503.9
Bulk = $\frac{A}{B - C}$ Bulk SSD $\frac{B}{B - C}$ Apparent $\frac{A}{A - C}$		2.510 / 2.613 / 2.799
Absorption, percent	$\frac{B - A}{A} \times 100$	4.1

**Unit Weights**

Weight of Sample and Container			
Weight of Container			
Weight of Sample			
Volume of Container - cubic feet			
Unit Weight - pcf			
		Average Unit Weight - pcf	