



CE 331 : Aggregates Lab

Name

Date

Session

Data Collection

DRUW	Bucket + Glass Plate [kg]	
	Bucket + Glass Plate + Water [kg]	
	Bucket + Glass Plate + Aggr [kg]	
	Water [kg]	
	Aggregates [kg]	

G and ABS	Dry Aggregate (M_{OD}) [g]	
	Saturated, Surface Dry Aggr (M_{SSD}) [g]	
	Buoyant Aggregate (M_{inW}) [g]	

Particle Size Distribution / Sieve Analysis - FM						
Sieve Size [mm]	Sieve Size [#]	Mass of Sieve [g]	Mass of Sieve + Aggregate [g]	Mass of Aggregate [g]	Mass Retained [%]	Cumulative Retained [%]
4.75	4					
2.36	8					
1.18	16					
0.6	30					
0.3	50					
0.15	100					
Pan	Pan					

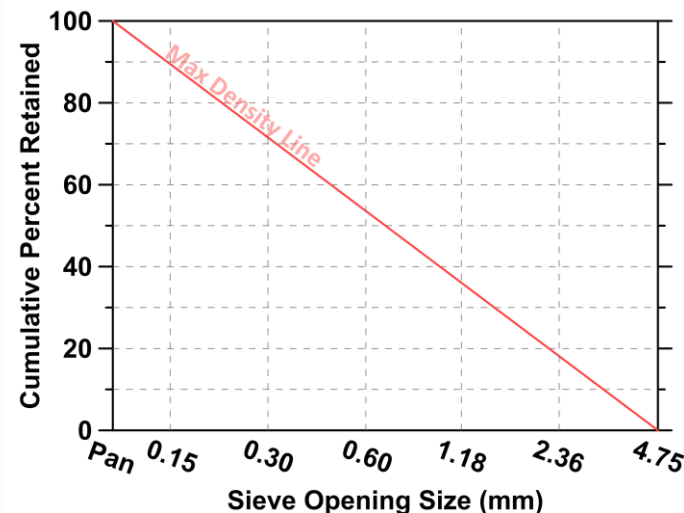
Sum:

Results

	Unit	Value
DRUW		
G_{DRUW}		
G_{SB}		
G_{SSD}		
G_{SA}		
ABS		

	Unit	Value
Fineness Modulus		
Type of PSD		

Plot Cumulative Retained vs Sieve Size



Main steps of Hand Calculation