



WORKSHEET FOR SIEVE ANALYSIS OF FINE AND COARSE AGGREGATE AASHTO T 11 AND AASHTO T 27

Project

Source

Where sampled

Quantity represented

Sample of

Lot No.

Sample No.

Sampled by

Date

Tested by

Date

SIEVE SIZE	MASS RETAINED			COMBINED			TV or Range
	+ No. 4 (4.75 mm) Wash	- No. 4 (4.75 mm) Wash	- No. 4 (4.75 mm) Calculated	Mass Retained	Mass Passing	% Passing	
1-inch (25.0 mm)							
3/4-inch (19.0 mm)							
1/2-inch (12.5 mm)							
3/8-inch (9.5 mm)							
No. 4 (4.75 mm)							
No. 8 (2.36 mm)							
No. 10 (2.00 mm)							
No. 16 (1.18 mm)							
No. 30 (600 µm)							
No. 40 (425 µm)							
No. 50 (300 µm)							
No. 80 (180 µm)							
No. 100 (150 µm)							
No. 200 (75 µm)							
Pan							Difference $\leq 0.3\%$ is Allowed
Wash							
Total							

	+ No. 4 (4.75 mm) Moisture	- No. 4 (4.75 mm) Moisture
Pan No.		
Orig. mass		
Final mass		
Loss		
% Loss		

Total wet mass, + No. 4 (4.75 mm)	
Total dry (corrected), + No. 4 (4.75 mm)	
Total wet mass - No. 4, (4.75 mm)	
Total dry (corrected), - No. 4 (4.75 mm)	
Total dry sample mass	

	+ No. 4 (4.75 mm) Wash	- No. 4 (4.75 mm) Wash
Orig. mass		
Dry mass		
Final mass		
Loss		
% Loss		

- No. 4 (4.75mm) Wash Test Factor:

$$\frac{\text{Total Dry Wt. - 4.75 mm}}{\text{Dry Wt. - 4.75 mm Wash}} = \frac{\quad}{\quad} =$$