

National Highway Authority of India							
Name of Work							
Name of Client							
Name of Consultant							
Name of Contractor							
SPECIFIC GRAVITY AND WATER ABSORPTION TEST							
IS 2386 - PART III							
Date of Sampling				Date of Testing			
Sample No.				Source of Material			
Type of Material				Sample At			
S No.	Description			Trial 1	Trial 2	Trial 3	
1	Weight of Sample in Water	W1(gms)		645	65	5367	
2	Weight of SSD Sample	W2(gms)					
3	Weight of Oven Dry Sample	W3(gms)					
4	Bulk Specific Gravity	$=W3/(W2-W1)$					
5	Apparent Specific Gravity	$=W3/(W3-W1)$					
6	Water Absorption (%)	$= 100 \times (W2-W3)/W3$					
7	Average Bulk Specific Gravity						
8	Average Apparent Specific Gravity						
7	Average Water Absorption %						
Remarks:							
Tested by			Checked by			Random sample checked	
			Authority's Engineer			Client	
Tested by			Checked by			Random sample checked	