

National Highway Authority of India							
Name of Work							
Name of Client							
Name of Consultant							
Name of Contractor							
FLAKINESS AND ELONGATION INDICES (IS 2386, PART 1)							
Date of Sampling		1/1/2000			Date of Testing		1/1/2000
Sample No.					Source of Material		
Type of Material					Sample At		
Sieve Size in(mm)		Weight Retained (gm)	Weight of Aggregate Retained on Gauge(gm)	Weight of Agg. Passing Thickness Gauge (gm)	Weight of Agg. Retained on Length Gauge after retaining on Thickness Gauge(gm)		
Passing	Retained	A	B	C	D		
0	0	0	0	0	0		
0	0	0	0	0	0		
0	0	0	0	0	0		
0	0	0	0	0	0		
0	0	0	0	0	0		
0	0	0	0	0	0		
0	0	0	0	0	0		
0	0	0	0	0	0		
0	0	0	0	0	0		
Total Weight(gms)							
Flakiness Index		(C/A)x100			%		
Elongation Index = (D/B)x100 = %							
Combined FI & EI Indexes = (C/A)x100 + (D/B)x100 = %							
Remarks:							
Tested by			Checked by			Random sample checked	

	Authority's Engineer	Client
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SPECIFIC GRAVITY AND WATER ABSORPTION TEST							
IS 2386 - PART III							
Date of Sampling		1/1/2000		Date of Testing		1/1/2000	
Sample No.				Source of Material			
Type of Material		10mm		Sample At			
S No.	Description			Trial 1	Trial 2	Trial 3	
1	Weight of Sample in Water	W1(gms)		0	0	0	
2	Weight of SSD Sample	W2(gms)		0	0	0	
3	Weight of Oven Dry Sample	W3(gms)		0	0	0	
4	Bulk Specific Gravity	$=W3/(W2-W1)$		0	0	0	
5	Apparent Specific Gravity	$=W3/(W3-W1)$		0	0	0	
6	Water Absorption (%)	$= 100 \times (W2-W3)/W3$		0	0	0	
7	Average Bulk Specific Gravity			0			
8	Average Apparent Specific Gravity			0			
7	Average Water Absorption %			0			
Remarks:							
Tested by		Checked by			Random sample checked		
		Authority's Engineer			Client		
Tested by		Checked by			Random sample checked		

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SPECIFIC GRAVITY AND WATER ABSORPTION TEST							
IS 2386 - PART III							
Date of Sampling		1/1/2000		Date of Testing		1/1/2000	
Sample No.				Source of Material			
Type of Material		20mm		Sample At			
S No.	Description			Trial 1	Trial 2	Trial 3	
1	Weight of Sample in Water	W1(gms)		0	0	0	
2	Weight of SSD Sample	W2(gms)		0	0	0	
3	Weight of Oven Dry Sample	W3(gms)		0	0	0	
4	Bulk Specific Gravity	$=W3/(W2-W1)$		0	0	0	
5	Apparent Specific Gravity	$=W3/(W3-W1)$		0	0	0	
6	Water Absorption (%)	$= 100 \times (W2-W3)/W3$		0	0	0	
7	Average Bulk Specific Gravity			0			
8	Average Apparent Specific Gravity			0			
7	Average Water Absorption %			0			
Remarks:							
Tested by		Checked by			Random sample checked		
		Authority's Engineer			Client		
Tested by		Checked by			Random sample checked		

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SPECIFIC GRAVITY AND WATER ABSORPTION TEST									
IS 2386 - PART III									
Date of Sampling		1/1/2000		Date of Testing		1/1/2000			
Sample No.				Source of Material					
Type of Material		40mm		Sample At					
S No.	Description			Trial 1		Trial 2		Trial 3	
1	Weight of Sample in Water		W1(gms)	0		0		0	
2	Weight of SSD Sample		W2(gms)	0		0		0	
3	Weight of Oven Dry Sample		W3(gms)	0		0		0	
4	Bulk Specific Gravity		$=W3/(W2-W1)$	0		0		0	
5	Apparent Specific Gravity		$=W3/(W3-W1)$	0		0		0	
6	Water Absorption (%)		$= 100 \times (W2-W3)/W3$	0		0		0	
7	Average Bulk Specific Gravity			0					
8	Average Apparent Specific Gravity			0					
7	Average Water Absorption %			0					
Remarks:									
Tested by			Checked by			Random sample checked			
			Authority's Engineer			Client			
Tested by			Checked by			Random sample checked			

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SPECIFIC GRAVITY AND WATER ABSORPTION TEST									
IS 2386 - PART III									
Date of Sampling		1/1/2000		Date of Testing		1/1/2000			
Sample No.				Source of Material					
Type of Material		Stone Dust		Sample At					
S No.	Description			Trial 1		Trial 2		Trial 3	
1	Weight of Sample in Water		W1(gms)	0		0		0	
2	Weight of SSD Sample		W2(gms)	0		0		0	
3	Weight of Oven Dry Sample		W3(gms)	0		0		0	
4	Bulk Specific Gravity		$=W3/(W2-W1)$	0		0		0	
5	Apparent Specific Gravity		$=W3/(W3-W1)$	0		0		0	
6	Water Absorption (%)		$= 100 \times (W2-W3)/W3$	0		0		0	
7	Average Bulk Specific Gravity			0					
8	Average Apparent Specific Gravity			0					
7	Average Water Absorption %			0					
Remarks:									
Tested by			Checked by			Random sample checked			
			Authority's Engineer			Client			
Tested by			Checked by			Random sample checked			