		Nati	onal Highway Authority	of India					
Name of Work									
Name of Client									
Name of Consultant									
Name of Contractor									
			Individual Gradation						
Date of Sampling			Date of						
Sample No.			Source of						
Type of Material			Sampl	le At					
	ole No-1	Total Weigh			0				
IS SIEVE	Wt. Of Retained(gms)	Cumulative Weight Retained		Cumulative %		Cumulative % Passing			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
0	0	1	7	0		0			
0	0	1		0		0			
0	0	1		0		0			
Samp	ole No-2	Total Weigh		0					
IS SIEVE	Wt. Of Retained(gms)	Cumulat	ive Weight Retained	Cumulative %	Retained	Cumulative % Passing			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
1	0	1		0		0			
Sam	ole No-3	Total Weigh	t(gms)	0	•				
IS SIEVE	Wt. Of Retained(gms)	_	ive Weight Retained	Cumulative %	Retained	Cumulative % Passing			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
0	0	1		0		0			
Remarks:									
Tes	ted by		Checked by		Random sample checked				
Authority's Engineer		Client							
Tested by		Checked by	,		Random sample checked				

-	National Highway Authority of India									
Name of Work		1 (444)	onai ingiiway i tatiloite	y of fixau						
Name of Client										
Name of Consultant										
Name of Contractor										
Traine or contractor			Individual Gradatio	n						
Date of Sampling			Date of							
Sample No.			Source of							
Type of Material			Samp	le At						
	ole No-1	Total Weigh	otal Weight(gms)							
IS SIEVE	Wt. Of Retained(gms)	Cumulative Weight Retained		Cumulative %	Retained	Cumulative % Passing				
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				
Samp	ole No-2	Total Weigh	nt(gms)		0					
IS SIEVE	Wt. Of Retained(gms)	Cumulat	ive Weight Retained	Cumulative %	Retained	Cumulative % Passing				
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				
Samp	ple No-3	Total Weigh								
IS SIEVE	Wt. Of Retained(gms)	Cumulat	ive Weight Retained	Cumulative %	Retained	Cumulative % Passing				
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				
Remarks:										
Tes	ted by		Checked by	Random sample checked						
	•					-				
Authority's Engineer		Client								
Tested by		Checked by	7		Random sample checked					

-	National Highway Authority of India									
Name of Work		1 (444)	onai ingiiway i tatiloite	y of fixau						
Name of Client										
Name of Consultant										
Name of Contractor										
Traine or contractor			Individual Gradatio	n						
Date of Sampling			Date of							
Sample No.			Source of							
Type of Material			Samp	le At						
	ole No-1	Total Weigh	otal Weight(gms)							
IS SIEVE	Wt. Of Retained(gms)	Cumulative Weight Retained		Cumulative %	Retained	Cumulative % Passing				
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				
Samp	ole No-2	Total Weigh	nt(gms)		0					
IS SIEVE	Wt. Of Retained(gms)	Cumulat	ive Weight Retained	Cumulative %	Retained	Cumulative % Passing				
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				
Samp	ple No-3	Total Weigh								
IS SIEVE	Wt. Of Retained(gms)	Cumulat	ive Weight Retained	Cumulative %	Retained	Cumulative % Passing				
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				
Remarks:										
Tes	ted by		Checked by	Random sample checked						
	•					-				
Authority's Engineer		Client								
Tested by		Checked by	7		Random sample checked					

Name of	Work											
Name of 0	Client											
Name of Co	nsultant											
Name of Co	ntractor											
						WMN	1					
					AS PE	R IS 23	86 Part	IV				
	Aver	age of Indi	vidual % Pa	assing	%	Taken	for des	ign				ICATION AS PER ORTH
IS SIEVE	40 MM	20 10 MM MM		Dust	40 MM 20 MM 10 MM Dust			10	Combined % Passing	MID LIMIT	Lower	High
					0	0	0	0				
0	0	0	0	0	0	0	0	0	0	100	100	100
0	0	0	0	0	0	0	0	0	0	97.5	95	100
0	0	0	0	0	0	0	0	0	0	70	60	80
0	0	0	0	0	0	0	0	0	0	50	40	60
0	0	0	0	0	0	0	0	0	0	32.5	25	40
0	0	0	0	0	0	0	0	0	0	22.5	15	30
0	0	0	0	0	0	0	0	0	0	15	8	22
0	0	0	0	0	0	0	0	0	0	2.5	0	5
Remarks:												
	To	ested by			C	hecked	by		Ran	dom sample c	hecked	

Authority's Engineer		Client	
Tested by	Chec	cked by	Random sample checked

	National Highway Authority of India											
Name	of Work											
Name (	of Client											
Name of	Consultant											
Name of	Contractor											
		WMM COMBIEND	O GRADATION			Date:						
40mm: 0	20mm: 0	10mm: 0	Stone Dust:	Total Weight	0							
IS SIEVE	Wt. Of Retained		Cumulative % Retained	Cumulative % Passing	MID LIMIT	SPECIFICATION LIMIT AS PER MORTH						
	(g-13)					Lower	Higher					
0	0	0	0	0	100.00	100.00	100.00					
0	0	0	0	0	97.50	95	100					
0	0	0	0	0	70.00	60	80					
0	0	0	0	0	50.00	40	60					
0	0	0	0	0	32.50	25	40					
0	0	0	0	0	22.50	15	30					
0	0	0	0	0	15.00	8	22					
0	0	0	0	0	2.50	0	5					
Remarks:												
	Tested by		Check	Rand	Random sample checked							

Authority's Engineer		Client	
Tested by	Checked by		Random sample checked

	National Highway Authority of India										
Name	of Work										
Name	of Client										
Name of	Consultant										
Name of	Contractor										
		SPECIFIC G	RAVITY AN	D WATER	ABSORPTION TES	ST					
IS 2386 - PART III											
Date of	Sampling	1/1/2000		Da	te of Testing	1/1/2000					
Sam	ple No.			Sou	re of Material						
Type of	Material	10mm			Sample At						
S No.		Descript			Trial 1	Trial 2	Trial 3				
1	Weight of Sar	eight of Sample in Water			0	0	0				
2	Weight of SS	D Sample	W2(gms)		0	0	0				
3	Weight of Ov	en Dry Sample	W3(gms)		0	0	0				
4	Bulk Specific	Gravity	=W3/(W2-W1)		0	0	0				
5	Apparent Spe	ecific Gravity	=W3/(W3-W1)		0	0	0				
6	Water Absorp	ption (%)	= 100 x (W	/2-W3)/W3	0	0	0				
7	Average Bulk	Specific Gravity	7	0							
8	Average App	arent Specific G	ravity		0						
7	Average Wat	er Absorption %	1		0						
Remarks:	Remarks:										
	Tested by			Checke	ed by	Random sa	mple checked				
			Authority's	Engineer		Client	Client				
Tested by			Checked by	y		Random san	Random sample checked				

	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	1/1/2000		Da	te of Testing	1/1/2000					
Sam	ple No.			Sour	rce of Material						
Type of	f Material	20mm			Sample At						
S No.		Descripti			Trial 1	Trial 2	Trial 3				
1	Weight of Sar	mple in Water	W1(gms)		0	0	0				
2	Weight of SS	D Sample	W2(gms)		0	0	0				
3	Weight of Ov	en Dry Sample	W3(gms)		0	0	0				
4	Bulk Specific	Gravity	=W3/(W2-W1)		0	0	0				
5	Apparent Spe	ecific Gravity	=W3/(W3-W1)		0	0	0				
6	Water Absorp	ption (%)	= 100 x (W	/2-W3)/W3	0	0	0				
7	Average Bulk	Specific Gravity	7	0							
8	Average App	arent Specific G	ravity		0						
7	Average Wat	er Absorption %			0						
Remarks:	Remarks:										
	Tested by			Checke	ed by	Random sa	Random sample checked				
			Authority's	Engineer		Client	Client				
Tested by			Checked by	y		Random san	Random sample checked				

	National Highway Authority of India										
Name	of Work										
Name	of Client										
Name of	Consultant										
Name of	Contractor										
		SPECIFIC G	RAVITY AN	D WATER	ABSORPTION TES	ST					
IS 2386 - PART III											
Date of	Sampling	1/1/2000		Da	te of Testing	1/1/2000					
Sam	ple No.			Sou	re of Material						
Type of	Material	40mm			Sample At						
S No.		Descript			Trial 1	Trial 2	Trial 3				
1	Weight of Sar	Veight of Sample in Water			0	0	0				
2	Weight of SS	D Sample	W2(gms)		0	0	0				
3	Weight of Ov	en Dry Sample	W3(gms)		0	0	0				
4	Bulk Specific	Gravity	=W3/(W2-W1)		0	0	0				
5	Apparent Spe	ecific Gravity	=W3/(W3-W1)		0	0	0				
6	Water Absorp	ption (%)	= 100  x (W2-W3)/W3		0	0	0				
7	Average Bulk	Specific Gravity	7	0							
8	Average App	arent Specific G	ravity		0						
7	Average Wat	er Absorption %	)		0						
Remarks:	Remarks:										
	Tested by			Checke	ed by	Random sa	mple checked				
			Authority's	Engineer		Client	Client				
Tested by			Checked by	y		Random san	Random sample checked				

		N	Vational Highw	way Authorit	y of India			
Name	of Work							
Name	of Client							
Name of	Name of Consultant							
Name of	Contractor							
		SPECIFIC G	RAVITY AN	D WATER A	ABSORPTION TES	ST		
			IS 238	86 - PART II	П			
Date of	f Sampling	1/1/2000		Da	ate of Testing	1/1/2000		
Sam	ple No.			Sou	rce of Material			
Type of	f Material	Stone Dust			Sample At			
S No.		Description			Trial 1	Trial 2	Trial 3	
1	Weight of Sar	mple in Water	W1(gms)		0	0	0	
2	Weight of SS	D Sample	W2(gms)		0	0	0	
3	Weight of Ov	en Dry Sample	W3(gms)		0	0	0	
4	Bulk Specific	Gravity	=W3/(W2-W1)		0	0	0	
5	Apparent Spe	ecific Gravity	=W3/(W3-W1)		0	0	0	
6	Water Absorp	ption (%)	= 100  x (W2-W3)/W3		0	0	0	
7	Average Bulk	Specific Gravity	7		0			
8	Average App	arent Specific G	ravity		0			
7	Average Wat	er Absorption %	1		0			
Remarks:								
	Tested by			Checke	ed by	Random sa	Random sample checked	
			Authority's Engineer			Client	Client	
Tested by			Checked by Random sample checked					