		ľ	National Highv	way Authority of India			
Name of W	ork (
Name of Cl	ient						
Name of Cons	sultant						
Name of Cont	ractor						
			A	IV TEST			
			AS PER	IS 2386 Part IV			
Date of Sam	pling	1/1/2000		Date of Test	ing	1/1/2000	
Sample N	0.			Source of Mat	terial		
Type of Mat	terial	10mm		Sample A	t		
S No.			Description				
S 140.			Description		I	II	III
1	Wt. Of C	ylindrical measu	ıre (W1) gms		0	0	0
2	Wt. Of C	ylindrical measu	ıre+Sample (W	(2) gms	0	0	0
3	Wt. Of sa	mple placed in	cylindrical meas	sure (W2-W1) gms	0	0	0
4	Wt. Of C	rushed material	d passing IS sie	eve 2.36 mm (W3) gms	0	0	0
5	Aggregate	e impact value =	= 100*W3/(W2	2 - W1)(%)	0	0	0
6	Aggregate	e impact value(%	%)		0		
Remarks:							
Tested by			Checked by		Randomsa	mple checked	
Authority's Enginee	er		Client				
Tested by			Checked by			Random sample checked	

		N. C. LIEL	A 41 '4 CT P							
		National High	way Authority of India							
Name of V										
Name of C	Client									
Name of Co	nsultant									
Name of Co	ntractor									
		A	IV TEST							
AS PER IS 2386 Part IV										
Date of Sa	mpling	1/1/2000	Date of Test	ing	1/1/2000					
Sample	No.		Source of Ma	terial						
Type of M	aterial	20mm	Sample A	t						
CN		D 14			Test No.					
S No.		Description		I	II	Ш				
1	Wt. Of C	ylindrical measure (W1) gms		0	0	0				
2	Wt. Of C	ylindrical measure+Sample (W	72) gms	0	0	0				
3	Wt. Of sa	mple placed in cylindrical mea	sure (W2-W1) gms	0	0	0				
4	Wt. Of C	rushed materiald passing IS sic	eve 2.36 mm (W3) gms	0	0	0				
5	Aggregate	e impact value = $100*W3/(W2)$	2 - W1)(%)	0	0	0				
6	Aggregate	e impact value(%)		0						
Remarks:										
ŗ	Fested by		Checked by			Random sample checked				
Authority's Engin	eer	Client	Client							
Tested by		Checked by			Random sar	mple checked				

		Nation	al Highway Authority o	f India							
Name of	f Work										
Name of	Client										
Name of C	onsultant										
Name of C	ontractor										
		FLAKINESS AND E	LONGATION INDICE	CS (IS 2386, PART 1)							
Date of S	ampling	1/1/2000		Date of Testing	1/1/2000						
Sample	e No.			Source of Material							
Type of M	/Iaterial			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	В	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 Weig	ght(gms)	0	0	0	0						
Flakiness	s Index	(C/A)x100		0%							
Elongatio	n Index	(D/B)x100		0%							
Combined FI &	& EI Indices	(C/A)x100 + (D/B)x100		0%							
Remarks:											
	Tested	by	Chec	cked by	Random sample checked						
			Authority's Engineer		Client						

-		Nati	onal Highway Authority	v of India			
Name of Work		1 16662	onar Ingiliary Tuttioni	y or man			
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			0		
IS SIEVE	Wt. Of Retained(gms)		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	0		0		0	
Sam	ole No-2	Total Weigh	t(gms)	Į.	0		
IS SIEVE	Wt. Of Retained(gms)		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	ı	0	
0	0	0		0		0	
Samp	ole No-3	Total Weigh	t(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	0		0		0	
Remarks:							
Tes	ted by		Checked by		Rand	om sample checked	
	•	2				_	
Authority's Engineer		Client					
Tested by		Checked by	r		Random sample	checked	

		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)	Cumulat	ive 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

-		Nati	onal Highway Authority	v of India			
Name of Work		1 16662	onar Ingiliary Tuttioni	y or man			
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			0		
IS SIEVE	Wt. Of Retained(gms)		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	0		0		0	
Sam	ole No-2	Total Weigh	t(gms)	Į.	0		
IS SIEVE	Wt. Of Retained(gms)		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	ı	0	
0	0	0		0		0	
Samp	ole No-3	Total Weigh	t(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	0		0		0	
Remarks:							
Tes	ted by		Checked by		Rand	om sample checked	
	•	2				_	
Authority's Engineer		Client					
Tested by		Checked by	r		Random sample	checked	

-		Nati	onal Highway Authority	v of India			
Name of Work		1 16662	onar Ingiliary Tuttioni	y or man			
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			0		
IS SIEVE	Wt. Of Retained(gms)		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	0		0		0	
Sam	ole No-2	Total Weigh	t(gms)	Į.	0		
IS SIEVE	Wt. Of Retained(gms)		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	ı	0	
0	0	0		0		0	
Samp	ole No-3	Total Weigh	t(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	0		0		0	
Remarks:							
Tes	ted by		Checked by		Rand	om sample checked	
	•	2				_	
Authority's Engineer		Client					
Tested by		Checked by	r		Random sample	checked	

]	Nation	al High	way	Authority of India			
Name of V	Work											
Name of C	Client											
Name Consult												
Name Contrac												
								WN	1 M			
AS PER IS 2386 Part IV												
	Aver	rage of Individual %						ign				ION LIMIT AS IORTH
IS SIEVE	40 MM	20 MM	10 MM	Dust	40 MM 20 MM 10 MM Dust		10	Combined % Passing	MID LIMIT	Lower	Higher	
	IVIIVI	IVIIVI	IVIIVI		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:												
	Tested by Checked by Random sample checked											
Authority's E	Engineer					Client	:					
Tested by					Chec	ked by		Ran	dom sample checke	ed		

	National Highway Authority of India										
Nam	ne of Work										
Nam	e of Client										
Name o	of Consultant										
Name o	of Contractor										
		WMM COMBIEND	GRADATION			Date:					
40mm; 0	20mm; 0	10mm: 0	Stone Dust: 0	Total Wei	ght	0					
IS SIEVE	Wt. Of	Cumulative Weight	Cumulative %	Cumulative % Passing	MID LIMIT		ION LIMIT AS IORTH				
	Retained (gms)	Retained	Retained Retained		LIMIT	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 b	y	Check	ed by		Random sample	checked				
Authority's I	Engineer			Client							
Tested by			Checked by		Randoms	ample checked					

		N	ational High	way Authori	ty of India				
Name	of Work								
Name	of Client								
Name of	Consultant								
Name of	Contractor								
		SPECIFIC G	RAVITY AN	D WATER	ABSORPTION TES	ST			
			IS 238	86 - PART I	П				
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.	No. Descript				Trial 1	Trial 2	Trial 3		
1	Weight of Sar	Weight 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 %	1		0				
Remarks:									
	Tested by			Checke	ed by	Random sa	Random sample checked		
			Authority's	Authority's Engineer			Client		
Tested by			Checked by	у		Random san	Random sample checked		

		N	ational High	way Authori	ty 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.	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 %			0							
Remarks:												
	Tested by	ed by	Random sa	mple checked								
			Authority's	Authority's Engineer			Client					
Tested by			Checked by	y		Random sample checked						

		N	ational High	way Authori	ty of India					
Name	of Work									
Name	of Client									
Name of	Consultant									
Name of	Contractor									
		ST								
			IS 238	86 - PART I	П					
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.		tion		Trial 1	Trial 2	Trial 3				
1	Weight of Sar	Weight 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	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	nple 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	Date of Testing		1/1/2000	
Sample No.		Sou		re of Material				
Type of Material		Stone Dust		Sample At				
S No.	Descrip		otion		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 x (W2-W3)/W3		0	0	0	
7	Average Bulk	Specific Gravity	0					
8	Average App	arent Specific G	ravity 0					
7	Average Water	er Absorption %	0					
Remarks:								
Tested by			Checked by			Random sample checked		
			Authority's Engineer			Client		
Tested by			Checked by			Random sample checked		