

**OFFICE OF THE ASSISTANT ENGINEER
TESTING AND QUALITY CONTROL LABORATORY,
R.W.D JEHANABAD (BIHAR)**

Name of the Road--NH.110 TO SS COLLEGE

Package No./Agreement No-RRSMP/24-25/JHD-01

Name of s Sub Division- JEHANABAD

Date of testing-----02-09-2025-----

Location...CH-1105M..... Name of Agency- Mrityunjay Kumar

Thickness of Layer- 125MM

confirm

SIEVE ANALYSIS FOR GRADATION OF WMM.....

Weight of sample Taken					59240 gm		
Sl. NO.	I.S. Sieve Size/ Designation mm	Wt. of sample retained in(gm)	Percentage of Weight retained(%)	cumulative of wt retaired (%)	Percentage of Weihtg passing	Permissible value	Remarks
1	2	3	4	5	6	7	8
1	53MM	0	0.00	0.00	100.00	100	Acceptable
2	45MM	978	1.65	1.65	98.35	95-100	
3	22.4MM	27509	46.44	48.09	51.91	60-80	
4	11.2MM	8600	14.52	62.60	37.40	40-60	
5	4.75MM	5393	9.10	71.71	28.29	25-40	
6	2.36MM	8490	14.33	86.04	13.96	15-30	
7	.600MM	4220	7.12	93.16	6.84	8-22	
8	.075MM	4050	6.84	100.00	0.00	0-8	
9	PAN						

Location...CH-2100M.....

Weight of sample Taken					48815 gm		
Sl. NO.	I.S. Sieve Size/ Designation mm	Wt. of sample retained in(gm)	Percentage of Weight retained(%)	cumulative of wt retaired (%)	Percentage of Weihtg passing	Permissible value	Remarks
1	53MM	0	0.00	0.00	100.00	100	Acceptable
2	45MM	216	0.44	0.44	99.56	95-100	
3	22.4MM	17417	35.68	36.12	63.88	60-80	
4	11.2MM	9153	18.75	54.87	45.13	40-60	
5	4.75MM	9189	18.82	73.70	26.30	25-40	
6	2.36MM	4641	9.51	83.20	16.80	15-30	
7	.600MM	4210	8.62	91.83	8.17	8-22	
8	.075MM	4020	8.24	100.00	0.00	0-8	
9	PAN						

P 10/09/25
Testested by Technical
Supervisor

Abhishek K
10/09/25
Testested by Technical
Supervisor

10/09/25
Assistant Engineer
Testing, and Quality control Labratory
RWD Jehanabad