

**OFFICE OF THE ASSISTANT ENGINEER
TESTING AND QUALITY CONTROL DIVISION
FORBESGANJ**

Letter no. 13.....

Date 24/09/2025

(For Road/Approach Roads)

1. Name of Scheme :- MMGSY (NDB) AWSESH
2. Name of Road :- madhura uttar ward No-15 yogen Chainage/Location :- 0/150 K.M
-dra YADAV to Kala nand YADAV to la
3. Name of Circle :- kishanganj
4. Name of Division :- Forbesganj Block :- Nitapatgaj
5. Length of Road (Sanctioned) :- 0.900 K.M Actual Length :- 0.900 K.M
6. Date of Inspection :- 23/09/25

Sl. No	Parameters	Remarks
1	Attention to Quality	
I.	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs).	N/A
II.	QC Register Part-1 & Part-2 maintained and mandatory test conduct as per provisions.	N/A
III.	Mention the name of tests conducted & their findings related to the following material.	N/A
(a)	Cement/concrete	N/A
(b)	Sand	N/A
(c)	Stone	N/A
(d)	Steel	N/A
	Awarded Grade	N/A

2	Geometrics	
I.	Chainage (m)	150
II.	Roadway width (m)	6.00

III.	Carriageway width (m)	3.75
IV.	Carriageway camber (%)	3.50
V.	Shoulder width (m)	1.120
VI.	Shoulder camber (%)	3.00
VII.	Side slope (V:H)	2:1
VII	Super elevation (%) / widening (m)	—
I.		
	Awarded Grade	S
3	Earth work and subgrade	
I.	Chainage (m)	150
II.	Soil identification/classification	Sandy Soil
III.	Degree of compaction (%)	—
	Awarded Grade	S
4	Sub-Base	
I.	Chainage (m)	150
II.	Thickness of the layer (mm)	200
III.	Gradation of Sub-base material	S
IV.	Plasticity of Sub-base material	S
V.	Compaction of Sub-base layer (%)	100.00
	Awarded Grade	S
5	Base Coarse-Water Bound Macadam (WMM/WBM)	
I.	Chainage (m)	150
II.	Thickness of each layer of WBM/WMM (mm)	75
III.	Plasticity of Crushable Aggregate	S
IV.	Volume of filler material (%)	21%
V.	Gradation of Coarse Aggregate	S
	Awarded Grade	S
6	Bituminous Base Coarse (BM)	NA
I.	Chainage (m)	
II.	Percentage of Bitumen Content	
III.	Thickness of Bituminous layer	

IV.	Grading of Coarse Aggregate	NA
	Awarded Grade	
7	Bituminous layer-premix Carpet (PMC)/MSS/SDBC	
I.	Chainage (m)	
II.	Percentage of Bitumen Content	
III.	Thickness of Bituminous layer	
IV.	Grading of Coarse Aggregate	
V.	Quality of wearing surface (Attach the test report of IRI)	
	Awarded Grade	
8	Dry lean Cement Concrete	
I.	Chainage (m)	
II.	Thickness (mm)	
III.	Compressive Strength of CC in Concrete Pavement/Concrete Block	
	Awarded Grade	
9	CC/PQC/Panel Concrete Pavements	
I.	Chainage (m)	
II.	Thickness of the pavement (mm)	
III.	Width of the pavement (m)	
IV.	Compressive Strength of CC in Concrete Pavement/Concrete Block	
V.	Quality of workmanship joints & edge etc.	
VI.	Quality of wearing surface (Attached the test report of IRI)	
	Awarded Grade	NA
10	Shoulders	
I.	Chainage (m)	
II.	Width of the shoulder (m)	
III.	Quality of material for Shoulders	
IV.	Degree of Compaction (%) (Attached the test report)	
	Awarded Grade	NA
11	Cross Drainage Works	
I.	Chainage (m)	

II.	Types of CD Structure	NA
III.	Quality of material, such as concrete (cube test), stone/brick masonry, Hume pipe including size etc.	
IV.	Quality of workmanship, such as positioning of Hume pipes, wing walls, cushion over hume pipes, vent clearance etc.	
V.	Parapet Walls	
	Awarded Grade	
12	Side Drain and Catch Water Drain	
I.	Chainage (m)	
II.	General quality of side Drain/Catch Water Drains and their integration with CD Structure	
	Awarded Grade	
13	Road Furniture and Markings	
I.	Main Informatory Board (As per Norms)	
II.	Citizen Informatory Board/Maintenance Board (As per Norms)	
III.	Kilometer post/200 m Stone/Precautionary/Mandatory Sign Boards	
IV.	Road Marking	NA
	Awarded Grade	S

Note :- * Attach Test Report.
* Attach Relevant Photographs.

Ram
23/09/2025
T.S

Vikas Kumar
23/09/2025
T.S

[Signature]
23/09/25
Assistant Engineer
T&QC DIVISION
Forbesganj

**OFFICE OF THE ASISTANT ENGINEER
TESTING AND QUALITY CONTROL DIVISION
FORBESGANJ**

Letter no..13.....

Date 24/09/2025

RESULT OF PHYSICAL TEST FOR GRADATION OF COARSE AGGREGATE

7. Name of road...Madhura Uhar Ward No-15, Yogen Division...Forbesganj
-ra yadar to kaland yadar to 19.....
8. Package/Agreement No. 57 SBD / MMGY 2024-25 Circle...Kishanganj
9. Nature of sample.....
10. Sample collected by...Vikash Kumar (T.S).....Agency...Runway Info com
11. Date of sample collection 23.9.25..... P.H. Ltd.
12. Location.....0/150 km..... Date of test...23.9.25

SL no	Aggregate impact value(AIV)		Flakiness index		Water absorption		Remarks
	Test value	Required value (max)	Test value	Required value (max)	Test value	Required value (max)	
		40%		30%		3%	

SIEVE ANALYSIS FOR GRADATION(W.B.M-III).....

Weight of sample taken....385.60:00

SL no	I.S. Sieve size/ Designation	Wt. of sample retained	% of weight retained	Cumulative % of wt. retained	% of weight passing	Required value in %	Remarks
	63 mm	00	00	00	100	100%	
	53 mm	1950	5.06	5.06	94.94	95-100 %	
	45 mm	10350	26.84	31.90	68.10	65-90 %	
	22.4 mm	22200	57.57	89.47	10.53	0-10 %	
	11.2 mm	4060	10.53	100.00	0.00	0-5 %	

Ram
23/09/2025
T.S

Vikash Kumar
23/09/2025
T.S


23/9/25
Assistant engineer
Testing And Quality control Division
Forbesganj



**OFFICE OF THE ASSISTANT ENGINEER
TESTING AND QUALITY CONTROL DIVISION
FORBESGANJ**

Letter no. 13.....

Date 21/09/2025

RESULT OF PHYSICAL TEST FOR GRADATION OF COARSE AGGREGATE

1. Name of road Madhura ubar Ward No 15 Division Forbesganj
Vogendra yadav to Kalanand yadav tala
2. Package/Agreement No. 575.BD/MMAJY 2024-25 Circle Kishanganj
3. Nature of sample.....
4. Sample collected by Vikash Kumar (T.S) Agency Runway Infra com
Pvt. Ltd.
5. Date of sample collection 23/9/25 Date of test 23/9/25
6. Location 0/150 km

SL no	Aggregate impact value(AIV)		Flakiness index		Water absorption		Remarks
	Test value	Required value (max)	Test value	Required value (max)	Test value	Required value (max)	
		40%		30%		3%	

SIEVE ANALYSIS FOR GRADATION (G.S.B-I).....

Weight of sample taken 72450.00

SL no	I.S. Sieve size/ Designation	Wt. of sample retained	% of weight retained	Cumulative % of wt. retained	% of weight passing	Required value in %	Remarks
	75 mm	00	00	00	100	100%	
	26.5 mm	23650	32.64	32.64	67.36	55-75 %	
	4.75 mm	26500	36.58	69.22	30.78	10-30 %	
	0.075 mm	22300	30.78	100	0.00	< 10 %	

Ram
23/09/2025
T.S

Vikash Kumar
23/09/2025
T.S

Assistant engineer
Testing And Quality control division
Forbesganj



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TESTING AND QUALITY CONTROL DIVISION
FORBESGANJ**

Letter no. 13.....

Date 24/09/2025

RESULT OF PHYSICAL TEST FOR GRADATION OF COARSE AGGREGATE

7. Name of road Madhura Uhar Road No. 15 Division Forbesganj
Agenda yadav to Kabanand yadav tele.
 8. Package/Agreement No. 57580/Mongay 2024-25 Circle Kishanganj
 9. Nature of sample.....
 10. Sample collected by Vikash Kumar (T.S.) Agency Rumayy Exfor com
Att. Ltd.
 11. Date of sample collection 23/9/25
 12. Location 0/600 Km Date of test 23/9/25

SL no	Aggregate impact value(AIV)		Flakiness index		Water absorption		Remarks
	Test value	Required value (max)	Test value	Required value (max)	Test value	Required value (max)	
		40%		30%		3%	

SIEVE ANALYSIS FOR GRADATION (W.B.M-III).....

Weight of sample taken 38100.00

SL no	I.S. Sieve size/ Designation	Wt. of sample retained	% of weight retained	Cumulative % of wt. retained	% of weight passing	Required value in %	Remarks
	63 mm	00	00	00	100	100%	
	53 mm	1745	4.58	4.58	95.42	95-100 %	
	45 mm	10130	26.59	31.17	68.83	65-90 %	
	22.4 mm	23200	60.89	92.06	7.94	0-10 %	
	11.2 mm	3025	7.94	100.00	0.00	0-5 %	

Ram
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T.S

Vikash Kumar
23/09/2025
T.S

23/9/25
 Assistant engineer
 Testing And Quality control Division
 Forbesganj



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TESTING AND QUALITY CONTROL DIVISION
FORBESGANJ**

Letter no. 13.....

Date 24/09/2025

RESULT OF PHYSICAL TEST FOR GRADATION OF COARSE AGGREGATE

1. Name of road Madhya Uhar Ward No. 15..... Division Forbesganj
- Yogendra Yadav to Kalanand Yadav Tola
2. Package/Agreement No. S.F.S.B.D. / MMGAY 2024: 2.1 Circle Kishanganj
3. Nature of sample.....
4. Sample collected by V. K. K. Kumar (T.S.) Agency Runway Infoq-com Pvt. Ltd
5. Date of sample collection 23/9/25
6. Location 0.600 Km..... Date of test 23/9/25

SL no	Aggregate impact value(AIV)		Flakiness index		Water absorption		Remarks
	Test value	Required value (max)	Test value	Required value (max)	Test value	Required value (max)	
		40%		30%		3%	

SIEVE ANALYSIS FOR GRADATION (G.S.B-I).....

Weight of sample taken... 40100.00

SL no	I.S. Sieve size/ Designation	Wt. of sample retained	% of weight retained	Cumulative % of wt. retained	% of weight passing	Required value in %	Remarks
	75 mm	00	00	00	100	100%	
	26.5 mm	13365	33.33	33.33	66.67	55-75 %	
	4.75 mm	14697	36.65	69.98	30.01	10-30 %	
	0.075 mm	12034	30.01	100.0	0.00	< 10 %	

Ram
23/09/2025
T.S

Vikash Kumar
23/09/2025
T.S

[Signature]
Assistant engineer
Testing And Quality control division
Forbesganj