

REGIONAL LABORATORY

R.W.D, MUZAFFARPUR

PHYSICAL & GRADATION TEST OF W.B.M. Gr: III

Name of Work:- Barri Road to Malti under M.M.G.SY under Nampur Block.

Name of Division:- R.W.D Works Division Purnia Date of Collection/ Recelpt. 10.09.20

Name of Agency:- Rajan Kumar Date of Test:- 11.09.2020

Agreement No:- 84/SBD/2019-20 Package No:- M.M.G.SY

Ref:- (PIU) A.E, R.W.D, Works Sub Div Nampur LT No:- P/Enclosure/DT 03.08.20

PHYSICAL TEST

SL.NO	A.I.V		WATER ABSORPTION		REMARKS
	TEST VALUE %	REQUIRED LIMIT %	TEST VALUE %	REQUIRED LIMIT %	
1.	20.88%	40%	0.817%	3%	Permissible.

GRADATION TEST

SL.NO	Sieve No. mm	Weight Retained (KG)	% Wt. of Retained	Cumulative % Retained	% of passing (KG)	Required limit %	Remarks
		CH - 60 M.					
		Wt. of Sample - 18.428 kg.					
		Wt. of Screening - 3.870 "					
		Wt. of Stone Metal - 14.558 kg.					
	63	NIL	NIL	NIL	100	100	Permissible.
	53	0.759	5.21	5.21	94.79	95-100	
	45	4.012	27.56	32.77	67.23	65-90	
	22.4	8.320	57.15	89.92	10.08	0-10	
	11.2	1.407	9.66	99.58	0.42	0-5	

Memo No:- 1033 Date:- 11-9-20

Copy to:- E.E, R.W.D, Works Div Purnia

21/09/20
L.A

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A.E

21/09/20
E.E

Executive Engineer
Rural Works Department
Regional Laboratory
Muzaffarpur

REGIONAL LABORATORY
R.W.D, MUZAFFARPUR

GRADATION TEST OF..... GSB Gr. I.....

Name of works:- Barri Road to Matti under MMGSY under Nampur Block.

Name of Division:- R.W.D, Works Division. Pupri. Date of Collection... 10.09.20

Name of Agency :- Ranjan Kumar. Date of Test... 11.09.2020

Agreement No :- 84/SBD/2019-20 Package No:- MMGSY

Ref:- (PIU) A.E, R.W.D, Works Sub Div. Nampur LT. No:- 0/Enclosure/Dt. 03.08.20

SL. No.	Sieve No. mm	Weight Retained (KG)	% Wt. of Retained	Cumulative % Retained	% of passing	Required Limit %	Remarks
1	2	3	4	5	6	7	8
			<u>CH - 60 M.</u>				
			<u>Wt. of Sample - 25.210 Kg.</u>				
	75	NIL	NIL	NIL	100	100	
	26.5	7.745	30.72	30.72	69.28	55-75	
	4.75	10.079	39.98	70.70	29.30	10-30	
	0.075	7.206	28.58	99.28	0.72	< 10	Permissible.

Memo No:- 1033 Date:- 11.9.20

Copy forwarded to - Executive Engineer
R.W.D, Works Division ... Pupri.

21/09/20
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E.E
R.W.D

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