

REGIONAL LABORATORY
R.W.D, MUZAFFARPUR

GRADATION TEST OF GSB Gr. I

Name of works: Construction of Road from REO Road Murliya to Gofa Tola under Surband Block under MMGSY.

Name of Division: R.W.D, Works Division Pupri Date of Collection: 18.08.2020

Name of Agency: Sanjeev Kumar Date of Test: 20.08.2020

Agreement No: 23/SBD/2020-21 Package No: MMGSY

Ref:-(PIU) A.E, R.W.D, Works Sub Div. Surband LT. No: 0/Enclosure/Dt.05.07.2020

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 - 100 M.</u>					
		<u>Wt. of Sample - 24.260 Kg.</u>					
	<u>75</u>	<u>NIL</u>	<u>NIL</u>	<u>NIL</u>	<u>100</u>	<u>100</u>	<u>Permissible.</u>
	<u>26.5</u>	<u>8.498</u>	<u>35.03</u>	<u>35.03</u>	<u>64.97</u>	<u>55-75</u>	
	<u>4.75</u>	<u>9.432</u>	<u>38.88</u>	<u>73.91</u>	<u>26.09</u>	<u>10-30</u>	
	<u>0.075</u>	<u>6.030</u>	<u>24.86</u>	<u>98.77</u>	<u>1.23</u>	<u>0-10</u>	

Memo No: 954 Date: 20/08/2020

Copy forwarded to - Executive Engineer

R.W.D, Works Division Pupri

20/08/20
LA

20/08/20
A.E

20/08/20
E.E
R.W.D

REGIONAL LABORATORY

MUZAFFARPUR

कायपालक अभियन्ता

ग्रामीण कार्य विभाग
क्षेत्रीय प्रयोगशाला, मुजफ्फरपुर

REGIONAL LABORATORY

R.W.D, MUZAFFARPUR

PHYSICAL & GRADATION TEST OF W.B.M. Gr: IIIName of Work: Construction of Road from RED Road Murliya to Gofa Tola under Sursand Block under MMGSY.Name of Division: R.W.D Works Division Pupri Date of Collection/ Receipt: 18.08.2020Name of Agency: Sanjeev Kumar Date of Test: 20.08.2020Agreement No: 23/SBD/2020-21 Package No: MMGSYRef: (PIU) A.E, R.W.D, Works Sub Div Sursand LT No: 0/Enclosure/DT 05.07.2020

PHYSICAL TEST

SL.NO	A.I.V		WATER ABSORPTION		REMARKS
	TEST VALUE %	REQUIRED LIMIT %	TEST VALUE %	REQUIRED LIMIT %	
1.	21.09 %	40 %	0.801 %	3 %	Permissible.

GRADATION TEST

SL.NO	Sieve No. mm	Weight Retained (KG)	% Wt. of Retained	Cumulative % Retained	% of passing (KG)	Required limit %	Remarks
		CH. — 100 M.					
		Wt. of Sample — 32.080 kg.					
		Wt. of Screening — 6.737 "					
		Wt. of Stone Metal = 25.343 kg.					
	63	NIL	NIL	NIL	100	100	
	53	1.369	5.40	5.40	94.60	95-100	
	45	6.209	24.50	29.90	70.10	65-90	
	22.4	15.254	60.19	90.09	9.91	0-10	
	11.2	2.211	8.72	98.81	1.19	0-5	Permissible.

Memo No: 954 Date: 20/08/2020Copy to: E.E, R.W.D, Works Div Pupri

21/8/20
20/08/20
L.A

20/8/20
A.E

20/8/20
E.E
कार्यपालक अधिकारी
ग्रामीण कार्य विभाग
क्षेत्रीय प्रयोगशाला, मुजफ्फरपुर