

**OFFICE OF THE ASSISTANT ENGINEER  
R.W.D , TESTING AND QUALITY CONTROL LABORATORY  
GOGRI**

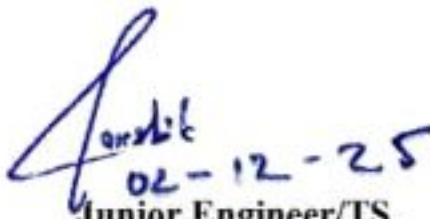
DATE: 2/12/2025

**(For Road/Approach Roads)**

<b>Name of Road :-</b>	<b>PWD ROAD SHER DINA CHAKLA ROAD</b>		
<b>Name of Scheme :-</b>	MMGSUY SC		
<b>Name of Circle :-</b>	SAHARSA		
<b>Name of Division :-</b>	GOGRI	<b>Block :-</b>	GOGRI
<b>Length of Road (Sanctioned) :-</b>	1.65km		
<b>Actual Length :-</b>	1.575km		
<b>Date of Inspection :-</b>	2/12/2025		
<b>Sl.</b>	<b>Parameters</b>		<b>Remarks</b>
<b>1</b>	<b>Attention to Quality</b>		
I.	Field laboratory established with all necessary equipment (Attach Geo tagged Photographs).		YES
II.	QC Register Part-1 & Part-2 maintained and mandatory test conduct as per provisions.		YES
III.	Mention the name of tests conducted & their findings related to the following material.		NIL
(a)	Cement/concrete		NIL
(b)	Sand		NIL
(c)	Stone		NIL
(d)	Steel		NIL
	Awarded Grade		S
<b>2</b>	<b>Geometrics</b>		
I.	Chainage (m)		20
II.	Roadway width (m)		5.8
III.	Carriageway width (m)		3.75
IV.	Carriageway camber (%)		2.5
V.	Shoulder width (m)		1
VI.	Shoulder camber (%)		
VII.	Side slope (V:H)		
VIII	Super elevation (%)/widening (m)		N/A
	Awarded Grade		S
<b>3</b>	<b>Earth work and subgrade</b>		NIL
I.	Chainage (m)		NIL
II.	Soil identification/classification		NIL
III.	Degree of compaction (%)		NIL
	Awarded Grade		NIL

<b>4</b>	<b>Sub-Base</b>	N/A
I.	Chainage (m)	
II.	Thickness of the layer (mm)	
III.	Gradation of Sub-base material	
IV.	Plasticity of Sub-base material	
V.	Compaction of Sub-base layer (%)	
	Awarded Grade	
<b>5</b>	<b>Base Coarse-Water Bound Macadam (WMM/WBM)</b>	
I.	Chainage (m)	1285
II.	Thickness of each layer of WBM/WMM (mm)	75
III.	Plasticity of Crushable Aggregate	
IV.	Volume of filler material (%)	
V.	Gradation of Coarse Aggregate	permissible
	Awarded Grade	S
<b>6</b>	<b>Bituminous Base Coarse (BM)</b>	
I.	Chainage (m)	950
II.	Percentage of Bitumen Content	3.54
III.	Thickness of Bituminous layer	50
IV.	Grading of Coarse Aggregate	S
	Awarded Grade	S
<b>7</b>	<b>Bituminous layer-premix Carpet (PMC)/MSS/SDBC</b>	
I.	Chainage (m)	545
II.	Percentage of Bitumen Content	5.21
III.	Thickness of Bituminous layer	25
IV.	Grading of Coarse Aggregate	S
V.	Quality of wearing surface (Attach the test report of IRI)	GOOD
	Awarded Grade	S
<b>8</b>	<b>Dry lean Cement Concrete</b>	N/A
I.	Chainage (m)	N/A
II.	Thickness (mm)	N/A
III.	Compressive Strength of CC in Concrete Pavement/Concrete Block	N/A
	Awarded Grade	N/A
<b>9</b>	<b>CC/PQC/Panel Concrete Pavements</b>	
I.	Chainage (m)	310
II.	Thickness of the pavement (mm)	125
III.	Width of the pavement (m)	3.76m
IV.	Compressive Strength of CC in Concrete Pavement/Concrete Block	31.59
V.	Quality of workmanship joints & edge etc.	S
VI.	Quality of wearing surface (Attached the test report of IRI)	GOOD
	Awarded Grade	S

<b>10</b>	<b>Shoulders</b>	
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	
<b>11</b>	<b>Cross Drainage Works</b>	
I.	Chainage (m)	
II.	Types of CD Structure	
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	
<b>12</b>	<b>Side Drain and Catch Water Drain</b>	
I.	Chainage (m)	
II.	General quality of side Drain/Catch Water Drains and their integration with CD Structure	
	Awarded Grade	
<b>13</b>	<b>Road Furniture and Markings</b>	
I.	Main Informatory Board (As per Norms)	YES
II.	Citizen Informatory Board/Maintenance Board (As per Norms)	YES
III.	Kilometer post/200 m Stone/Precautionary/Mandatory Sign Boards	S
IV.	Road Marking	in progress
	Awarded Grade	S

  
 02-12-25  
 Junior Engineer/TS.  
 Testing And Quality control Laboratory  
 Gogri

  
 02-12-2025  
 Assistant Engineer  
 Testing And Quality control Laboratory  
 Gogri



**OFFICE OF THE ASSISTANT ENGINEER**  
**R.W.D. TESTING AND QUALITY CONTROL LABORATORY, GOGRI**  
 Camp - Executive Engineer, RWD Works Division - Gogri  
 Email - aelabgogri@gmail.com

**RESULT OF SUB BASE/BASE COURSE**

Test Report No:- TQCLG/2025/94	Block:- GOGRI	Date:	2/12/2025
Name of Road :-	PWD ROAD SHER DINA CHAKLA ROAD	Scheme:-	MMGSUY SC
Name of Agency :-	SHRI KISHORE KUMAR SINGH	Paackage no-	MMGSUY/23-24GOGRI/03
Sample Collected by :-	Er.Rishabh Rakshit (T.S)	Chainage -	1285m,1155m

SL no	Aggregate impact value(AIV)				Water Apsorption		
	Wt. of sample before impact (gm)	Wt of sample after impact(gm)	Loss in wt.(gm)	A.I.V	Wt of saturated surface dry sample(g)	Wt of oven dried sample(g)	Water Absorption (%)
1	343	282.24	60.76	17.71%	505.50	499.50	1.20
2	341	280.38	60.62	17.78%	505.20	498.50	1.34
3	340	279.45	60.55	17.81%	505.60	500.00	1.12
Mean Value	17.77%				1.22		

**GRADATION ANALYSIS( W.B.M- III )**

Weight of sample taken(gram):- 25000

SL NO	I.S. Sieve size/ Designation	Wt. of sample retained (Grm)	% of weight retained	Cumulative % of wt. retained	% of weight passing	Required value in %	Remarks
1	63 mm	0	0	0	100	100%	Permissible
2	53 mm	1250	5	5	95	95-100	
3	45 mm	4550	18.2	23.2	76.8	65-90	
4	22.4 mm	17150	68.6	91.8	8.2	0-10	
5	11.2 mm	1350	5.4	97.2	2.8	0-5	

<p>Note:-The test result relate only to the items tested under the Specified Condition</p> <p>Copy To:- E.E. RWD Work Division Gogri</p>	<p style="text-align: center;"><i>[Signature]</i> 02-11-24</p> <p style="text-align: center;">Junior Engineer/TS. Quality control Laboratory . Gogri</p>	<p style="text-align: center;"><i>[Signature]</i> 02-12-2025</p> <p style="text-align: center;">Asistant Engineer Quality control Laboratory . Gogri</p>
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**GOGRI**

Camp - Executive Engineer, R.W.D. Works Division - GOGRI

**Binder Content Test (Extraction Method) of BM**

Test Report no = TQCLG/2025/93	Block - GOGRI	Date:- 02/12/2025
Road Name:	PWD ROAD SHER-DINA CHAKLA ROAD	
Name of Agency:	SHRI KISHOR KUMAR SINGH	
CH No:	950m	Package no : MMGSUY/23-24GOGRI/03

Sl. No.	Description	Symbol	Unit	Observation 1	Observation 2	Observation 3	REMARKS
1	Weight of Sample before Extraction	W <sub>1</sub>	g	500.00	500	500	Satisfactory
2	Weight of Filter paper before Extraction	W <sub>2</sub>	g	13.00	13	13	
3	Weight of Mix after Extraction (Dry)	W <sub>3</sub>	g	480	479	482	
4	Weight of Filter paper after Extraction	W <sub>4</sub>	g	15.9	14.7	14.3	
5	Weight of filler Collected in Filter paper	W <sub>5</sub>	g	2.90	1.70	1.30	
6	Weight of Bitumen Extracted+Filter paper	W <sub>6</sub>	g	482.90	480.70	483.30	
7	Bitumen Content by Weight	R	%	3.42	3.86	3.34	
9	Average Bitumen Content	—	%	3.54			

Note :- The test result relate only to the items under the specified condition.

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Testing And Quality Control  
Laboratory, Baisi

Asistant Engineer  
Testing And Quality Control  
Laboratory, Baisi



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**Binder Content Test (Extraction Method) of SDBC**

Test Report no - TQCLG/2025/95	Block - GOGRI	Date:- 02/12/2025
Road Name:	PWD ROAD SHER-DINA CHAKLA ROAD	
Name of Agency:	SHRI KISHOR KUMAR SINGH	Chainage :- 545m
Agreement No:		Package no : MMGSUY/23-24GOGRI/03

Sl. No.	Description	Symbol	Unit	Observati on 1	Observati on 2	Observati on 3	REMARKS
1	Weight of Sample before Extraction	W <sub>1</sub>	g	500.00	500	500	Satisfactory
2	Weight of Filter paper before Extraction	W <sub>2</sub>	g	13.00	13	13	
3	Weight of Mix after Extraction (Dry)	W <sub>3</sub>	g	471.9	472.1	471.9	
4	Weight of Filter paper after Extraction	W <sub>4</sub>	g	15.9	14.7	14.3	
5	Weight of filler Collected in Filter paper	W <sub>5</sub>	g	2.90	1.70	1.30	
6	Weight of Bitumen Extracted+Filter paper	W <sub>6</sub>	g	474.80	473.80	473.20	
7	Bitumen Content by Weight	R	%	5.04	5.24	5.36	
9	Average Bitumen Content	—	%	5.21			

Note :- The test result relate only to the items under the specified condition.

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Laboratory, Baisi



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**Result of Crushing Strength of Concrete Cubes (150 mm)**

Test Report No:- TQCLG/2025/96		Date: 02/12/2025		BLOCK - Beldaur	
Name of Road :- PWD Road SHER DINA CHAKLA ROAD					
Name of Agency :- SRI KISHOR KUMAR SINGH					
Sample Prepared By - JE GOGRI					
ch no - 310m					
Paackage no :- MMGSUY/23-24GOGRI/03					
Scheme:- MMGSUY SC					

Description of Work	Proportion	Date of Sample Prepared & Casting	Date of Test	Age of concrete	Identification Mark	Weight of sample(kg)	Contact area of Cubes in Sq. mm.	Maximum Load in kN for Final Cracking	Average Load or Compressive Stress in N/sq mm	Average Compressive Stress in N/sq mm	Average Compressive Stress in N/sq mm required	Remarks
PCC	M30	04.11.2025	02.12.2025	28	A1	8.5	22500	714	31.73	31.59	35	Satisfactory
					A2	8.7	22500	715	31.78			
					A3	8.4	22500	703	31.24			
1	2	3	4	5	6	7	8	9	10	11	12	13

**Note :-** The test result relate only to the items tested under the Specified Condition

**Copy Submitted to :-**  
E.E. RWD Work Division Gogri

**TS**  
T&QC Laboratory  
Gogri

*[Signature]*  
02-12-25

**AE**  
T&QC Laboratory  
Gogri

*[Signature]*  
02-12-2025