

TESTING AND QUALITY CONTROL LABORATORY

RURAL WORKS DEPARTMENT, SIWAN-1

Email ID:- aerwdtqclabsiwan1@gmail.com

Format - "A" (For Roads / Approach Roads)

1. Name of Scheme - RRSMP (GEN)
2. Name of Road - SAHLAUR SE DAKSHIN TOLA (BUDDHI CHAPRA)
3. Name of Circle - SIWAN
4. Name of Division - SIWAN-01
5. Length Of Road - 3.185 Km
6. Date of Inspection - 22/12/2025
- Block - PACHRUKHI
Actual Length - 3.185 Km
Chainage/ Location - 0.025 Km, 0.750 Km, 1.250 Km, 2.250 Km, 2.400 Km, 2.850 Km

SL No.	Parameters	Remarks
1.	<u>Attention to Quality</u>	
I	Field Laboratory established with all necessary equipment (Attach Geo tagged Photographs)	YES
II	QC Register Part - 1 & Part - 2 Maintained and mandatory test conducted as per provisions	YES
III	Mention the name of tests conducted & their findings related to the following materials	—
(a)	Cement / Concrete	—
(b)	Sand	—
(c)	Stone	—
(d)	Steel	—
	Awarded Grade :-	
2.	<u>Geometrics</u>	
I	Chainage (m)	25m, 750m, 1250m, 2250m, 2400m, 2850m
II	Roadway Width (m)	6m
III	Carriageway Width (m)	3.75m, 3.75m, 3.75m, 3.75m, 3.75m
IV	Carriageway Camber (%)	2.1%, 3.50%, 3.50%, 2.00%, 2.00%, 3.50%
V	Shoulder Width (m)	ON GOING
VI	Shoulder Camber (%)	ON GOING
VII	Side Slope (V:H)	ON GOING
VIII	Super Elevation (%) / Widening (m)	—
	Awarded Grade :-	Satisfactory

3.	<u>Earth Work and Sub Grade</u>	N/A
I	Chainage (m)	—
II	Soil Identification / Classification	—
III	Degree of Compaction (%)	—
	Awarded Grade :-	—
4.	<u>Sub-Base</u>	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 :-	—
5.	<u>Base Coarse-Water Bound Macadam (WMM/WBM)</u>	N/A
I	Chainage (m)	—
II	Thickness of each layer of WMM/WBM (mm)	—
III	Plasticity of Crushable Aggregate	—
IV	Volume of filler material (%)	—
V	Gradation of Coarse Aggregate	—
	Awarded Grade :-	—
6.	<u>Bituminous Base Coarse (BM)</u>	N/A
I	Chainage (m)	—
II	% of Bitumen Content	—
III	Thickness of Bituminous layer	—
IV	Grading of Coarse Aggregate	—
	Awarded Grade :-	—

7.	<u>Bituminous Layer-Premix Carpet (PMC)/MSS/SDBC</u>	SDBC
I	Chainage (m)	750m, 1250m, 2850m
II	% of Bituminous Content	4.42%, 4.45%, 4.57%
III	Thickness of Bituminous layer	25mm
IV	Grading of Coarse Aggregate	Gr-II
V	Quality of wearing surface (Attach the test report of IRI)	—
	Awarded Grade :-	Satisfactory
8.	<u>Dry lean Cement Concrete</u>	N/A
I	Chainage (m)	—
II	Thickness (mm)	—
III	Compressive Strength of CC in Concrete Pavement / Concrete Block	—
	Awarded Grade :-	—
9.	<u>CC/PCC/Panel Concrete Pavements</u>	PCC
I	Chainage (m)	25m, 2250m, 2400m
II	Thickness of pavement (mm)	150mm, 150mm, 150mm
III	Width of the pavement (m)	3.75m, 3.75m, 3.75m
IV	Compressive Strength of CC in Concrete Pavement / Concrete Block <u>Cylinder</u>	27.93, 27.55, 27.80 N/mm ²
V	Quality of workmanship joints & Edges etc.	Satisfactory
VI	Quality of wearing surface (Attach the test report of IRI)	—
	Awarded Grade :-	Satisfactory
10.	<u>Shoulders</u>	ON GOING
I	Chainage (m)	—
II	Width of shoulder (m)	—
III	Quality of material for shoulders	—

IV	Degree of Compaction (%) (Attach the test report)	—
	Awarded Grade :-	—
11.	<u>Cross Drainage Works</u>	N/A
I	Chainage (m)	—
II	Type 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 pipe, Wing Walls, Cushion over hume pipe, Vent Clearance etc.	—
V	Parapet Walls	—
	Awarded Grade :-	—
12.	<u>Side Drain & Catch Water Drain</u>	N/A
I	Chainage (m)	—
II	General quality of side drain / Catch Water Drains & their integration with CD Structures	—
	Awarded Grade :-	—
13.	<u>Road Furniture & Road Markings</u>	ON GOING
I	Main information Board (As per Norms)	Satisfactory
II	Citizen Information/ Maintenance Board (As per Norms)	Satisfactory
III	Kilometer post / 200 m Stone / Precautionary / Mandatory Sign Boards	ON GOING
IV	Road Marking	ON GOING
	Awarded Grade :-	Satisfactory


Note:- * Attach Test Report
* Attach Relevant Photographs

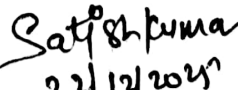
Susanj Kumar
22/12/2025
Technical Supervisor
Testing & Quality
Control Laboratory, R.W.D
Siwan-1

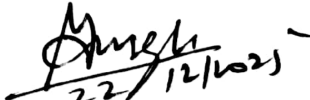
Pr Singh
22/12/2025
Assistant Engineer
Testing & Quality
Control Laboratory, R.W.D
Siwan-1



TESTING AND QUALITY CONTROL LABORATRY					
RURAL WORKS DEPARTMENT, SIWAN-I Email ID:- aerwdtqclabsiwan1@gmail.com					
CONCRETE CORE TEST RESULT (IS 516)					
NAME OF DIVISION:- R.W.D. WORKS DIVISION-SIWAN-01, BLOCK-PANCHRUKHI					
Name of Road-L031 SAHLAUR SE DAKSHIN TOLA (BUDHI CHHAPRA)					
ROAD LENGTH-3.185KM, BT-1.350 KM, CC-1.850KM					
Name of Agency-M/S VSDB PVT LTD,SAFFUDDIN AHMAD(JV)					
Date of test		22-12-2025			
		Date of Sample:-22-12-2025			
PERTICULARS	Chainage	0.025KM	2.250KM	2.400.KM	REMARK
1. Height of Core in mm		100.00	100.00	100.00	ACCEPTABLE
2.Weight of Core in Gm		1710.00	1715.00	1713.00	
3.Dia of Core in mm		95.00	95.00	95.00	
4.Density of Concrete gm/cc		2.414	2.421	2.418	
5.Correction factor		0.90	0.90	0.90	
6.Load In KN		221.00	218.00	220.00	
7.Area of Core mm-sqr		7088	7088	7088	
8.Compressive Strength of Cylinder N/mm-square		27.93	27.55	27.80	
9.Equivalant Cube Strength. N/mm-Sqr		34.91	34.44	34.75	
10.Required Compressive Strength.			35 N/mm-square		Yes


 22/12/2025
 TECHNICAL SUPERVISION
 TESTING AND QUALITY CONTROL
 LABORATRY
 RURAL WORKS DEPARTMENT, SIWAN-I


 22/12/2025
 T.S


 22/12/2025
 ASSISTANT ENGINEER
 TESTING AND QUALITY CONTROL
 LABORATRY
 RURAL WORKS DEPARTMENT, SIWAN-I

TESTING AND QUALITY CONTROL LABORATRY
RURAL WORKS +A1:F17DEPARTMENT, SIWAN-1
Email ID:- aerwdtqclabsiwan1@gmail.com

TEST RESULT FOR BITUMEN CONTENT OF SDBC/BM/MSS/PMC/SURFACE DRESSING

TEST FOR BITUMEN CONTENT OF :- SDBC

SCHEME: RRSMP(Gen)

NAME OF DIVISION:- R.W.D, WORKS DIVISION- SIWAN-01, BLOCK:-PANCHRUKHI

ROAD NAME :- SAHLAUR SE DAKSHIN TOLA (BUDHI CHHAPRA)

NAME OF Agency-M/S VSDB PVT LTD,SAFFUDDIN AHMAD(JV)

DATE OF TEST - 22- 12-2025
12-2025

DATE OF SAMPLE COLLECTION :-22-12-20

TEST FOR BITUMEN CONTENT

Sl no	Chainage	0.750KM	1.250KM	2.850KM	REMARK
1	Date Of Test	23-12-2025	23-12-2025	23-12-2025	ACCEPTABLE
2	Wt. Of Mix in gm (A)	520	512	525	
3	Wt. Of Cleared Chips in gm (B)	497	489	501	
4	Wt. Bitumen in gm (A-B)	23	23	24	
5	% Of Bitumen W.R to Mix (A-B)/A×100	4.42	4.49	4.57	

NOTE:-

Susej Kumar
22/12/2025

TECHINICAL SUPERVISON
TESTING AND QUALITY CONTROL
LABORATRY
RURAL WORKS DEPARTMENT,
SIWAN-1

Satish Kumar
22/12/2025
T.S

Angela
22/12/2025
ASSISTANT ENGINEER
TESTING AND QUALITY CONTROL
LABORATRY
RURAL WORKS DEPARTMENT,
SIWAN-1

