

Transportation Engineering Laboratory (TEL)

Department of Civil Engineering (CED)

UNIVERSITY OF ENGINEERING & TECHNOLOGY (UET)

LAHORE – 54890 (PAKISTAN)



Phone: 092-42-9929202 Cable: UNIVENGTECH Fax: 092-42-9922566

Ref.-----

Date:-----

The Sub Divisional Officer,
Highways Sub Division,
Sillanwali.

Subject: **Rehabilitation of Road from 85 Jhal to Sillanwali, Length = 28.00 km**
(Section 19.05 to 28.00 km, Length = 8.95 km) in District Sargodha

Dear Sir,

It is with reference to your letter No. 102/Sil dated 03-04-2025.

Please find below the results for the tests conducted on asphalt concrete cores (AWC) provided to this laboratory on 18-06-2025 through your representative.

BULK SPECIFIC GRAVITY OF COMPACTED ASPHALT (ASTM D2726):

Core	Mean Thickness (cm)	Mean Diameter (cm)	Bulk Specific Gravity
12	5.213	9.400	2.413
15	5.603	9.400	2.399
16	5.903	9.400	2.400

BITUMEN EXTRACTION TEST: (Cores 12+16, Mixed)

Bitumen Extraction Value (ASTM D-2172)	4.38%							
Gradation Analysis								
Sieve No.	1"	¾"	½"	3/8"	#4	#8	#50	#200
% Passing	100	100	88.99	67.98	41.98	29.99	8.98	3.99

If you have further query, please do not hesitate to contact the undersigned.

Best Regards,

Director
Transportation Engineering Laborato

Note:

1. This test report is based solely on the particular sample(s) supplied by the client and should not be reproduced in parts.
2. Sampling has not been performed by Transportation Engineering Laboratory (TEL), UET and TEL-UET does not accept the responsibility that the sample(s) supplied is/are truly representative sample(s) of any batch or stock or entire project.
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Ref.-----

Date:-----

The Divisional Forest Officer,
Lahore Forest Division,
Lahore.

Subject: **Testing of Asphalt Base Course for the Work
Construction of Carpet Road of Dargahi Gill Forest Park**

Dear Sir,

It is with reference to your letter No. 1635/AC dated 04-06-2025.

Please find below the results for the tests conducted on asphalt concrete cores and chunks (ABC) provided to this laboratory on 18-06-2025 through your representative.

BULK SPECIFIC GRAVITY OF COMPACTED ASPHALT (ASTM D2726):

Core	Mean Thickness (cm)	Mean Diameter (cm)	Bulk Specific Gravity
11	9.196	9.400	2.420
17	8.623	9.400	2.418
25	8.603	9.400	2.415

BITUMEN EXTRACTION TEST: (Chunks)

Sample No.	Bitumen Extraction Value (%)
1	4.51
2	4.52

If you have further query, please do not hesitate to contact the undersigned.

Best Regards,

Director
Transportation Engineering Laborato

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