

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 Assistant Director (Technical-I),
Anti-Corruption Establishment,
Multan Region, Multan.

Subject: **Testing of Asphalt Concrete Cores and Chunk** (Enquiry No. 1813/25)

Dear Sir,

It is with reference to your letter No. ACE. MR-(1813)/25/4716 dated 30-07-2025.
Please find below the results for the tests conducted on asphalt concrete cores and a chunk
provided to this laboratory through your representative.

BULK SPECIFIC GRAVITY OF COMPACTED ASPHALT (ASTM D2726):

Core	Mean Thickness (cm)	Mean Diameter (cm)	Bulk Specific Gravity
1 (RD 19+00) Left	5.480	10.000	2.410
2 (RD 19+00) Center	5.800	10.000	2.420
3 (RD 19+00) Right	5.410	10.000	2.410

BITUMEN EXTRACTION TEST: (Chunk)

RD 15+00

<i>Bitumen Extraction Value (ASTM D-2172)</i>							4.21%		
<i>Gradation Analysis</i>									
<i>Sieve No.</i>	1"	¾"	½"	3/8"	#4	#8	#50	#200	
<i>% Passing</i>	100	95.01	68.01	56.02	40.02	25.02	9.02	4.03	

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

Best Regards,

Director
Transportation Engineering Laboratory

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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Date:-----

Mr. Syed Mubashar Hassan Naqvi
Resident Engineer,
NESPAK,
Ravi Zone.

Subject: **Testing of Granular Sub-base Material**
Rehabilitation/Improvement of Street Pavement, Sewerage/Drainage, Patch Work in
Different Areas
UC 11, 12 to 14 to 23 & 25, Ravi Zone MCL

Dear Sir,

It is with reference to your letter No. 4084/103/LDP/Ravi/04/668 dated 05-08-2025.
Please find below the results of tests conducted on the sample of aggregate provided to this
laboratory on 25-08-2025 through your representative.

1. Sieve Analysis (ASTM C-136)

Sieve Size	1 1/2"	1"	3/4"	1/2"	3/8"	#4
%age Passing	100	76.69	51.53	30.26	20.55	13.19

2. Los Angeles Abrasion Value Test (ASTM C-131/535)

Grading Used	Los Angeles Abrasion Value (%)
A	28.29

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Director
Transportation Engineering Laboratory

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Ref.-----

Date:-----

Engr. Sheikh Maqbool Hassan
Resident Engineer,
NESPAK,
MCL Nishtar Zone, Lahore.

Subject: **Testing of Asphalt Concrete Cores (Asphalt Wearing Course)**
Construction of Metalled Road from Manak Road to Behria Road to
WAPDA Society Road, Allama Iqbal Zone

Dear Sir,

It is with reference to your letter No. RE/4084/04 MH/597 dated 21-08-2025.
Please find below the results for the tests conducted on asphalt concrete cores provided to
this laboratory on 25-08-2025 through your representative.

BULK SPECIFIC GRAVITY OF COMPACTED ASPHALT (ASTM D2726):

Core	Mean Thickness (cm)	Mean Diameter (cm)	Bulk Specific Gravity
L6	4.810	9.400	2.460
L7	5.410	9.400	2.470
R3	5.650	9.400	2.460

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Best Regards,

Director
Transportation Engineering Laboratory

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