

# 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:-----

Mr. Muhammad Hassan Khan  
Resident Engineer,  
NESPAK.

Subject: **Testing of Aggregate (Granular Sub-base)**  
Construction of Road from Raja Bola to Ahlu Jhugian

Dear Sir,

It is with reference to your letter No. 3772/103/MHK/RAJA BOLA/15 dated 01-11-2024. Please find below the results for the tests conducted on the aggregate sample provided to this laboratory on 09-04-2025 through your representative.

## 1. Sieve Analysis (ASTM C-136)

Sieve Size	2"	1 ½"	1"	¾"	½"	3/8"	#4
%age Passing	100	99.00	80.08	59.18	44.01	34.83	27.39

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

Grading Used	Los Angeles Abrasion Value (%)
A	28.40

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.
3. While TEL-UET agrees to take every reasonable precaution to ensure validity of its test results, it assumes no liability thereof beyond the amount of the fee charged for the analysis or test.
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Ref.:-----

Date:-----

Mr. Faheem Ahmed  
ARE,  
Package-I (PCP) Daska.

Subject: **Testing of Sub-base Material**

1. Rehabilitation of 02 Nos Roads Pasrur Road and Jamkey Road Including Drainage Work & Installation of Street Lights in Daska City
2. Rehabilitation and Improvement of 03 Nos Roads Bank Road, Wazirabad Road and College Road in Daska City

Dear Sir,

It is with reference to your letter No. DSK/REH/RIR/13/2025 dated 10-04-2025.

Please find below the results for the tests conducted on the aggregate sample provided to this laboratory on 22-04-2025 through your representative.

## 1. Sieve Analysis (ASTM C-136)

Sieve Size	2"	1 1/2"	1"	3/4"	1/2"	3/8"	#4
%age Passing	100	98.69	79.06	57.05	40.01	30.79	25.31

## 2. Specific Gravity & Water Absorption (ASTM C-127)

Specific Gravity (oven dried condition)	2.68
Specific Gravity (saturated surface dry condition)	2.71
Apparent Specific Gravity	2.77
Water Absorption (%)	1.23

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

Grading Used	Los Angeles Abrasion Value (%)
A	26.80

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

Best Regards,

Director  
Transportation Engineering Laboratory

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