

# 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 ARE PCP Package-V,  
MMP/AiD Consultants,  
Khanewal.

Subject: **Testing of Fine Aggregate (Sand)**  
Comprehensive Sewerage System in Khanewal City Under Punjab Cities Program (PCP)

Contractor: M/s Al-Shan Construction Company, Multan

Dear Sir,

It is with reference to your letter No. PCP/KWL-183/2025 dated 27-02-2025.

Please find below the results for the tests conducted on the sand sample provided to this laboratory through your representative.

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

Sieve Size	#4	#8	#16	#30	#50	#100	#200
%age Passing	100	99.44	99.02	98.70	96.79	12.83	2.30

## 2. Fineness Modulus (ASTM C-142)

Fineness Modulus (%)	0.93
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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.
4. The party shall assume full responsibility for the ethical use of the results in the test reports and the TEL-UET shall be held free from any and all claims which may result from the use of such data by client or others.
5. This test report shall not be reproduced wholly or in parts unless negotiated.

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Ref.:-----

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Engr. Ghulam Rasool  
Resident Engineer,  
NESPAK,  
MCL Nishtar Zone, Lahore.

Subject: **Testing of Fine Aggregate (Sand)**  
Rehabilitation/Improvement of Streets (P.C.C), Sewerage, Drainage at Village  
Theht & Gowala Colony Block A, B, C, D, UC-241 Nishtar Zone MCL

Dear Sir,

It is with reference to your letter No. 4084/103/LDP/NZ/04/134 dated 16-01-2025.

Please find below the results for the tests conducted on the sand sample provided to this laboratory on 28-02-2025 through your representative.

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

Sieve Size	#4	#8	#16	#30	#50	#100	#200
%age Passing	100	99.48	98.81	98.46	96.23	12.92	2.15

## 2. Percentage of Fines (ASTM D-1140) Wet Sieving

Silt and Clay (%)	4.58
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## 3. Fineness Modulus (ASTM C-142)

Fineness Modulus (%)	0.94
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If you have further query, please do not hesitate to contact the undersigned.

Best Regards,

Director  
Transportation Engineering Laboratory

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