

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 Deputy Director (Engineering),
LDA, Lahore.

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

Rehabilitation and Improvement of Roads and Streets Through Provision of Asphalt, PCC and Drainage in Sirach, Johalky, Haveli Sapan Wali Sharif Park, Atu Asal, Khano Harani, Mehdi Pur, Basti Usman Shah, Haveli Kalu Wali and Thah Diyal Singh Village and Adjoining Abadies, NA-123, Lahore

Dear Sir,

It is with reference to your letter No. DD(ENGG)/LDA/195 dated 20-08-2025.

Please find below the results for the test conducted on the aggregate sample provided to this laboratory on 27-08-2025 through your representative.

Sodium Sulphate Soundness (ASTM C-88)

Sieve Size	Weight of Fraction Before Test. (gm)	Weight of Fraction After Test. (gm)	Percentage Passing Designated Sieve After Test.	Weighted Percentage Loss.
1/2" + 3/8"	1003.4	980.1	2.32	0.80
Total = 0.80%				

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.:-----

Date:-----

The Deputy Director (Engineering),
LDA, Lahore.

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

Rehabilitation and Improvement of Roads and Streets Through Provision of Asphalt, PCC and Drainage in Azad Town, Paras Raam, Galwerah, Nabi Bakash, Ladehky Bular Village and Construction of Janazgah and Boundary Wall at Galwerah Village and Adjoining Abadies, NA-123, Lahore

Dear Sir,

It is with reference to your letter No. DD(ENGG)/LDA/194 dated 20-08-2025.

Please find below the results for the test conducted on the aggregate sample provided to this laboratory on 27-08-2025 through your representative.

Sodium Sulphate Soundness (ASTM C-88)

Sieve Size	Weight of Fraction Before Test. (gm)	Weight of Fraction After Test. (gm)	Percentage Passing Designated Sieve After Test.	Weighted Percentage Loss.
1/2" + 3/8"	1002.4	991.9	1.05	0.87
Total = 0.87%				

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

Best Regards,

Director
Transportation Engineering Laboratory

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