

# Transportation Engineering Laboratory (TEL)

Department of Civil Engineering (CED)

UNIVERSITY OF ENGINEERING & TECHNOLOGY (UET)

LAHORE – 54890 (PAKISTAN)



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Ref.:-----

Date:-----

Engr. M. Tausif  
Project Manager - Civil,  
Zubair Grain Products Pvt. Ltd., Sahiwal.

Subject: **Testing of Fine Aggregate** (Sakhi Sarwar Sand)

Dear Sir,

It is with reference to your letter No. Nil dated 25-08-2025.

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

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

Sieve Size	1/2"	3/8"	#4	#8	#16	#30	#50	#100	#200
%age Passing	100	98.75	95.35	90.29	79.41	63.51	27.22	5.81	1.09

## 2. Specific Gravity & Water Absorption (ASTM C-128)

Specific Gravity (OD)	2.63
Specific Gravity (SSD)	2.65
Apparent Specific Gravity	2.68
Water Absorption (%)	0.76

## 3. Unit Weight (Loose & Rodded); (ASTM C 29/C 29M)

Loose Unit Weight (g/cm <sup>3</sup> )	1.58
Rodded Unit Weight (g/cm <sup>3</sup> )	1.68

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

Best Regards,

Director  
Transportation Engineering Laboratory

### Note:

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