

# Transportation Engineering Laboratory (TEL)

Department of Civil Engineering (CED)

UNIVERSITY OF ENGINEERING & TECHNOLOGY (UET)

LAHORE – 54890 (PAKISTAN)



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Ref.:-----

Date:-----

The Sub Divisional Officer,  
Highway Sub Division,  
Bhowana.

Subject: **Laboratory Tests on Aggregate and Bitumen**  
Construction of Road from Taqi Shah Farm to Khumharana Wala (Thhta  
Muhammad Shah) in Tehsil Bhowana, District Chiniot (Length = 0.40 km)

Dear Sir,

It is with reference to your letter No. 670/B dated 08-07-2024.  
Please find below the results for the tests conducted on the aggregate and bitumen provided  
to this laboratory on 08-08-2024 through your representative.

## **Aggregate**

### **Sieve Analysis (ASTM C-136)**

<b>Sieve Size</b>	1 ½"	1"	¾"	½"	3/8"	#4
<b>%age Passing</b>	100	74.72	47.41	37.71	22.59	10.79

## **Bitumen**

### **Penetration (ASTM D-5)**

<b>Result</b>
60 Units

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

Best Regards,

Director  
Transportation Engineering Laboratory

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