



**MATERIAL TESTING LABORATORY**  
**MILITARY ENGINEER SERVICES (MES)**  
**TEST RESULT FOR FINENESS MODULUS(F.M.) OF SAND.**

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Job No : 94/2024-2025(Sand).  
Name of Clint : GE (Navy) South Chattogram.  
Ref Itr no : CEN/49 of 2024-2025/04/E-6 Dt.22 May'2025  
Project Name : Construction of Road.  
Sample Specimen : Sylhet sand.  
Dt of sample collection : 28 May'2025  
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	2.45	0.61	0.61		
# 8	25.55	6.39	7.00		
#16	96.3	24.08	31.08		
# 30	185.25	46.31	77.39		
# 50	58.15	14.54	91.93		FM= 3.06
#100	25.1	6.28	98.20		
# 200	6.5	1.63			
#Pan	0.55	0.14	...		
			Σ= 306.20		

**Cautions :**

- 1 Samples as supplied to the laboratory have been tested. The laboratory authority does not bear any responsibility as to the representative character of the sample to be tested.
- 2 It is recommended that samples are sent in a sealed cover/packet/container under signature of the competent authority
- 3 In order to avoid fraudulent fabrication of the test result, it is recommended that test reports should be collected by duly authorized person and not by the contractor/supplier.

**Observation on Specimen(if any):**

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Laboratory Technician

Test Performed By

Vetted By

**Permissible Value:**

- 1.For Sylhet/Domar sand minimum FM will be = 2.50
- 2.For Local sand minimum FM will be = 1.5
- 3.For Vitty sand minimum FM will be = 0.80