



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

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Job No : 87/2024-2025(Sand).  
Name of Clint : GE (Army) Rangpur.  
Ref ltr no : EinC/112 of 2024-2025/09/E-6 Dt.14 May'2025  
Project Name : Construction of 1x Gate with Sentry Box.  
Sample Specimen Sylhet Sand  
Dt of sample collection :17 May'2025  
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	0.73	0.18	0.18		
# 8	12.23	3.06	3.24		
#16	210.98	52.75	55.99		
# 30	98.36	24.59	80.58		
# 50	53.36	13.34	93.92		FM= 3.33
#100	19.24	4.81	98.73		
# 200	4.02	1.01	..		
#Pan	0.45	0.11	...		
			Σ= 332.62		

**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