



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

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Job No : 84/2024-2025(Sand).  
Name of Clint : GE (Army) Rangpur.  
Ref ltr no : EinC/111 of 2024-2025/09/E-6 Dt.14 May'2025  
Project Name : Provision of 1x10000 Gallon capacity Water Reservoir.  
Sample Specimen : Local 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	0.52	0.13	0.13		
# 8	4.42	1.11	1.24		
#16	15.08	3.77	5.01		
# 30	36.42	9.11	14.11		
# 50	264.13	66.03	80.14		FM= 1.99
#100	71.16	17.79	97.93		
# 200	8.08	2.02	..		
#Pan	0.16	0.04	...		
			Σ= 198.56		

**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