



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

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Job No : 99/2024-2025(Sand).  
Name of Clint : GE (Navy) Khulna.  
Ref Itr no : EinC/174 of 2023-2024/39/E-6 Dt.01 Jun'2025  
Project Name : Construction of 1 x Main security gate, 2 x Annex security gate.  
Sample Specimen : Sylhet sand  
Dt of sample collection : 02 Jun'2025  
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	4.69	1.17	1.17		
# 8	15.51	3.88	5.05		
#16	45.77	11.44	16.49		
# 30	148.43	37.11	53.60		
# 50	135.36	33.84	87.44		FM= 2.62
#100	44.28	11.07	98.51		
# 200	5.8	1.45			
#Pan	0	0.00	...		
			Σ= 262.27		

**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 be 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):**

1

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