



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

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Job No : 28/2025-2026 (Sand).
Name of Clint : GE (Navy) Khulna.
Ref ltr no : CEN/91 of 2024-2025/12/E-6 Dt.18 Aug'2025
Project Name : Construction of MT Pool.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 21 Aug'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	1.45	0.36	0.36		
# 8	15.49	3.87	4.24		
#16	67.94	16.99	21.22		
# 30	215.32	53.83	75.05		
# 50	91.19	22.80	97.85		FM= 2.99
#100	7.85	1.96	99.81		
# 200	0.5	0.13	..		
#Pan	0.15	0.04	...		
			Σ= 298.53		

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