



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

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Job No : 10/2025-2026 (Sand).
Name of Clint : GE (Navy) North, Chattogram.
Ref ltr no : CEN/215 of 2024-2025/08/E-6 Dt.16 July'2025
Project Name : Construction of 1 x 52 'C' Type Officer's Qtr.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 17 July'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	6.26	1.57	1.57		
# 8	36.8	9.20	10.77		
#16	99.88	24.97	35.74		
# 30	156.84	39.21	74.95		
# 50	86.99	21.75	96.69		FM= 3.19
#100	11.45	2.86	99.56		
# 200	1.7	0.43	..		
#Pan	0.42	0.11	...		
			Σ= 319.26		

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