



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

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Job No : 55/2024-2025 (Sand).
Name of Clint : GE (Navy) South, Chattogram.
Ref ltr no : CEN/203 of 2022-2023/22/E-6 Dt.16 Feb'2025
Project Name : Construction of Administrative Building with pile.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 18 Feb'2025

Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	3.82	0.96	0.96		
# 8	36.99	9.25	10.20		
#16	156.19	39.05	49.25		
# 30	130	32.50	81.75		
# 50	58.51	14.63	96.38		FM= 3.38
#100	13.42	3.36	99.73		
# 200	1.02	0.26	..		
#Pan	0.3	0.08	...		
			Σ= 338.27		

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 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