



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

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Job No : 17/2025-2026 (Sand).
Name of Clint : AGE (Navy) Kaptai.
Ref ltr no : CEN/22 of 2023-2024/29/E-6 Dt.29 July'2025
Project Name : Construction of (6 x 2=12) Followers Qtr.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 31 July'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	4.53	1.13	1.13		
# 8	19.59	4.90	6.03		
#16	89.59	22.40	28.43		
# 30	195.45	48.86	77.29		
# 50	85.6	21.40	98.69		FM= 3.12
#100	5.1	1.28	99.97		
# 200	0.59	0.15	..		
#Pan	0.2	0.05	...		
			Σ= 311.54		

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):

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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