



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

Page No: 54

Copy no : 01

Job No : 46/2025-2026 (Sand).
Name of Clint : GE (Air) Chattogram.
Ref ltr no : CE Air/235 of 2024-2025/28/E-6 Dt.08 Sep'2025
Project Name : Repair/Maint works of Bldg No -205 raised platform.
Sample Specimen : Local Sand.
Dt of sample collection : 09 Sep'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	0	0.00	0.00		
# 8	2.61	0.65	0.65		
#16	13.87	3.47	4.12		
# 30	41.42	10.36	14.48		
# 50	162.19	40.55	55.02		FM= 1.71
#100	165.46	41.37	96.39		
# 200	10.5	2.63	..		
#Pan	3.81	0.95	...		
			Σ= 170.66		

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):

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