



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

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Job No : 49/2025-2026 (Sand).
Name of Clint : GE (Air) Tejgaon.
Ref ltr no : CE Air/250 of 2024-2025/12/E-6 Dt.14 Sep'2025
Project Name : Construction of 1 x 5000 gallon water reservoir & Pump house.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 15 Sep'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	2	0.50	0.50		
# 8	6.42	1.61	2.11		
#16	97.46	24.37	26.47		
# 30	165.4	41.35	67.82		
# 50	102.33	25.58	93.40		FM= 2.90
#100	23.55	5.89	99.29		
# 200	1.4	0.35	..		
#Pan	0.70	0.18	...		
			Σ= 289.59		

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