



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

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Job No : 29/2025-2026 (Sand).
Name of Clint : GE (Air) Tejgaon.
Ref ltr no : CE Air/197 of 2024-2025/27/E-6 Dt.24 Aug'2025
Project Name : Construction of Base HQ.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 25 Aug'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Matarial Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	4.5	1.13	1.13		
# 8	36.81	9.20	10.33		
#16	112.81	28.20	38.53		
# 30	114.3	28.58	67.11		
# 50	81.2	20.30	87.41		FM= 3.02
#100	38.96	9.74	97.15		
# 200	7.65	1.91	..		
#Pan	3.09	0.77	...		
			Σ= 301.64		

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 oder 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

Permissable 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