



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

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Job No : 39/2025-2026 (Sand).
Name of Clint : GE (Air) Tejgaon.
Ref ltr no : CE Air/170 of 2024-2025/36/E-6 Dt.03 Sep'2025
Project Name : Construction of Medical Squadron.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 07 Sep'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	6.31	1.58	1.58		
# 8	35.3	8.83	10.40		
#16	108.55	27.14	37.54		
# 30	154.6	38.65	76.19		
# 50	77.4	19.35	95.54		FM= 3.21
#100	18.3	4.58	100.12		
# 200	3.1	0.78	..		
#Pan	0	0.00	...		
			Σ= 321.37		

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