



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

Page No: 54

Copy no : 02

Job No : 49/-2025(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 : Local 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	0	0.00	0.00		
# 8	0.26	0.07	0.07		
#16	1.1	0.28	0.34		
# 30	20.25	5.06	5.40		
# 50	287.92	71.98	77.38		FM= 1.75
#100	58.29	14.57	91.96		
# 200	29.84	7.46	..		
#Pan	2.25	0.56	...		
			Σ= 175.15		

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):

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