



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

Page No: 65

Copy no : 01

Job No : 57/2025-2026 (Sand).
Name of Clint : GE (Air) Chattogram.
Ref ltr no : CE Air/279 of 2024-2025/05/E-6 Dt.22 Oct'2025
Project Name : Construction of 1 x Hanger for 6 x AW-139 Helicopter.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 23 Oct'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	4.22	1.06	1.06		
# 8	36.25	9.06	10.12		
#16	157.24	39.31	49.43		
# 30	140.77	35.19	84.62		
# 50	54.47	13.62	98.24		FM= 3.43
#100	5.14	1.29	99.52		
# 200	1.82	0.46	..		
#Pan	0	0.00	...		
			Σ= 342.98		

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