



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES (MES)

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TEST RESULT FOR FINENESS MODULUS(F.M.) OF SAND.

Job No : 82 (D)/2025-2026 (Sand).
Name of Clint : AGE (Air) Cox's Bazar.
Ref ltr no : CE Air/234 of 2024-2025/06/E-6 Dt.23 Oct'2025
Project Name : Construction of RCC Travers.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 26 Oct'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	4.19	1.05	1.05		
#16	51.89	12.97	14.02		
# 30	212.51	53.13	67.15		
# 50	111.17	27.79	94.94		FM= 2.76
#100	17.55	4.39	99.33		
# 200	2	0.50	..		
#Pan	0.58	0.15	...		
			Σ= 276.48		

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):

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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