



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

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Job No : 61/2025-2026 (Sand).
Name of Clint : GE (Army) Barishal.
Ref Itr no : CEA/02 of 2025-2026/10/E-6 Dt.15 Dec'2025.
Project Name : Construction of fresh Food storage Chiller room and cold storage.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 17 Dec'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retainned(gms)	Percentage Matarial Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	3.78	0.95	0.95		
# 8	18.5	4.63	5.57		
#16	69.52	17.38	22.95		
# 30	142.16	35.54	58.49		
# 50	102.47	25.62	84.11		FM= 2.68
#100	47.58	11.90	96.00		
# 200	15.98	4.00	..		
#Pan	0.00	0.00	...		
			$\Sigma= 268.07$		

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

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