



MATERIAL TESTING LABORATORY
MILITARY ENGINEER SERVICES (MES)

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

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Job No : 117(D)/2025-2026 (Sand).
Name of Clint : GE (Navy) Khulna.
Ref ltr no : 6000/Test/40/E-6 Dt.06 Nov'2025
Project Name : Construction of 7 story building including residential facilities, main gate and MT pool.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 09 Nov'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	2.42	0.61	0.61		
# 8	19.03	4.76	5.36		
#16	89.36	22.34	27.70		
# 30	187.83	46.96	74.66		
# 50	86.52	21.63	96.29		FM= 3.04
#100	13.88	3.47	99.76		
# 200	0.93	0.23	..		
#Pan	0	0.00	...		
			Σ= 304.38		

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