



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

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Job No : 100/2024-2025(Sand).
Name of Clint : GE (Navy) Khulna.
Ref Itr no : EinC/366 of 2022-2023/41/E-6 Dt.01 Jun'2025
Project Name : Construction of 1 x BNS Mongla Main Guard Room.
Sample Specimen : Sylhet sand
Dt of sample collection : 02 Jun'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	1.88	0.47	0.47		
# 8	21.49	5.37	5.84		
#16	85.61	21.40	27.25		
# 30	143.24	35.81	63.06		
# 50	110.56	27.64	90.70		FM= 2.86
#100	30.87	7.72	98.41		
# 200	5.98	1.50			
#Pan	0	0.00	...		
			Σ= 285.72		

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