



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

Page No: 82

Copy no : 01

Job No : 52/2024-2025 (Sand).
Name of Clint : GE (Navy) Dhaka.
Ref ltr no : 6000/Naval CW & MC/41/E-6/ Dt.02 Feb'2025.
Project Name : Construction of CW & MC and Multipurpose complex.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 03 Feb'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	5.1	1.28	1.28		
# 8	15.35	3.84	5.11		
#16	69.54	17.39	22.50		
# 30	158.25	39.56	62.06		
# 50	122.35	30.59	92.65		FM= 2.83
#100	27.97	6.99	99.64		
# 200	1.13	0.28	..		
#Pan	0.31	0.08	...		
			Σ= 283.23		

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