



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

Page No: 89

Copy no : 01

Job No : 58/2024-2025 (Sand).
Name of Clint : GE (Army) BBS.
Ref ltr no : CEA/253 of 2022-2023/82/E-6 Dt.06 Mar'2025
Project Name : Construction of protection work for protecting river erosion.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 06 Mar'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Matarial Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	8.84	2.21	2.21		
# 8	37.58	9.40	11.61		
#16	101.03	25.26	36.86		
# 30	173.75	43.44	80.30		
# 50	71.53	17.88	98.18		FM= 3.29
#100	6.55	1.64	99.82		
# 200	0.38	0.10	..		
#Pan	0	0.00	...		
			Σ= 328.98		

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):

1

Laboratory Technician

Test Performed By

Vetted By

Permissable 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



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

Page No: 90

Copy no : 02

Job No : 58/2024-2025(Sand).
Name of Client : GE (Army) BBS.
Ref ltr no : CEA/253 of 2022-2023/82/E-6 Dt.06 Mar'2025
Project Name : Construction of protection work for protecting river erosion.
Sample Specimen : Local Sand
Dt of sample collection : 06 Mar'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	1.48	0.37	0.37		
#16	2.19	0.55	0.92		
# 30	20.99	5.25	6.17		
# 50	281	70.25	76.42		FM= 1.83
#100	89.1	22.28	98.69		
# 200	3.7	0.93	..		
#Pan	0.9	0.23	...		
			Σ= 182.56		

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