



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

Page No: 37

Copy no : 01

Job No : 21/2025-2026 (Sand).
Name of Clint : GE (Army) Sylhet.
Ref ltr no : CEA/341 of 2024-2025/09/E-6 Dt.04 Aug'2025
Project Name : Construction of 1 x 104 OR's Family Qtr.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 07 Aug'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	1.55	0.39	0.39		
# 8	43.68	10.92	11.31		
#16	133.88	33.47	44.78		
# 30	149.73	37.43	82.21		
# 50	60.83	15.21	97.42		FM= 3.36
#100	9.11	2.28	99.70		
# 200	0.79	0.20	..		
#Pan	0	0.00	...		
			Σ= 335.80		

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 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

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



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

Page No: 36

Copy no : 02

Job No : 20/2024-2025(Sand).
Name of Clint : GE (Army) Sylhet.
Ref ltr no : CEA/341 of 2024-2025/09/E-6 Dt.04 Aug'2025
Project Name : Construction of 1 x 104 OR's Family Qtr.
Sample Specimen : Local Sand
Dt of sample collection : 07 Aug'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	0.59	0.15	0.15		
#16	7.44	1.86	2.01		
# 30	81.21	20.30	22.31		
# 50	235.22	58.81	81.12		FM= 2.04
#100	69.89	17.47	98.59		
# 200	4.29	1.07	..		
#Pan	0	0.00	...		
			Σ= 204.17		

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 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

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