



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

Page No: 23

Copy no : 01

Job No : 14/2025-2026 (Sand).
Name of Clint : GE (Army) Savar.
Ref ltr no : CEA/267 of 2021-2022/38/E-6 Dt.28 July'2025
Project Name : Construction of Boundary Wall.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 29 July'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	4.22	1.06	1.06		
# 8	9.9	2.48	3.53		
#16	37.7	9.43	12.96		
# 30	170.3	42.58	55.53		
# 50	148.29	37.07	92.60		FM= 2.65
#100	25.95	6.49	99.09		
# 200	2.99	0.75	..		
#Pan	0.55	0.14	...		
			Σ= 264.76		

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



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

Page No: 24

Copy no : 02

Job No : 14/2024-2025(Sand).
Name of Clint : GE (Army) Savar.
Ref ltr no : CEA/267 of 2021-2022/38/E-6 Dt.28 July'2025
Project Name : Construction of Boundary Wall.
Sample Specimen : Local Sand
Dt of sample collection : 29 July'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	0.00	0.00		
#16	2.69	0.67	0.67		
# 30	8.27	2.07	2.74		
# 50	236.2	59.05	61.79		FM= 1.62
#100	140	35.00	96.79		
# 200	10.38	2.60	..		
#Pan	0	0.00	...		
			Σ= 161.99		

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