



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

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Copy no : 01

Job No : 47/2025-2026 (Sand).
Name of Clint : GE (Army) South,Dhaka.
Ref ltr no : Einc/138 of 2024-2025/09/E-6 Dt.08 Sep'2025
Project Name : Construction of 1x DGFI office Bldg.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 09 Sep'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Matarial Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	5.34	1.34	1.34		
# 8	23.47	5.87	7.20		
#16	74.81	18.70	25.91		
# 30	122.99	30.75	56.65		
# 50	123.55	30.89	87.54		FM= 2.76
#100	40.69	10.17	97.71		
# 200	6.94	1.74	..		
#Pan	1.42	0.36	...		
			Σ= 276.35		

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



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Job No : 47/-2025(Sand).
Name of Clint : GE (Army) South,Dhaka.
Ref ltr no : Einc/138 of 2024-2025/09/E-6 Dt.08 Sep'2025
Project Name : Construction of 1x DGFI office Bldg.
Sample Specimen : Local Sand
Dt of sample collection : 09 Sep'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	4.21	1.05	1.05		
# 30	72.91	18.23	19.28		
# 50	147.45	36.86	56.14		FM= 1.73
#100	161.21	40.30	96.45		
# 200	13	3.25	..		
#Pan	0.93	0.23	...		
			Σ= 172.92		

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.
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- 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