



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

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Job No : 19/2025-2026 (Sand).
Name of Clint : GE (Navy) South, Chattogram.
Ref ltr no : CEN/90 of 2024-2025/07/E-6 Dt.27 July'2025
Project Name : Construction of CW & MC Multipurpose Building.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 04 Aug'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	1.44	0.36	0.36		
# 8	16.96	4.24	4.60		
#16	90.64	22.66	27.26		
# 30	149.85	37.46	64.72		
# 50	95.5	23.88	88.60		FM= 2.83
#100	35.64	8.91	97.51		
# 200	8.31	2.08	..		
#Pan	1.32	0.33	...		
			Σ= 283.05		

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



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Job No : 19/2024-2025(Sand).
Name of Clint : GE (Navy) South, Chattogram.
Ref ltr no : CEN/90 of 2024-2025/07/E-6 Dt.27 July'2025
Project Name : Construction of CW & MC Multipurpose Building.
Sample Specimen : Local Sand
Dt of sample collection : 04 Aug'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Matarial Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	0	0.00	0.00		
# 8	2.91	0.73	0.73		
#16	33.85	8.46	9.19		
# 30	83.4	20.85	30.04		
# 50	158.14	39.54	69.58		FM= 2.05
#100	105.11	26.28	95.85		
# 200	13.87	3.47	..		
#Pan	2.35	0.59	...		
			Σ= 205.39		

Cautions :

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- 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):

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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