



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 : 26/2025-2026 (Sand).
Name of Clint : GE (Navy) Dhaka.
Ref ltr no : CEN/138 of 2024-2025/09/E-6 Dt.12 Aug'2025
Project Name : Construction of Ward Room.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 17 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	14.9	3.73	3.73		
#16	70.06	17.52	21.24		
# 30	177.44	44.36	65.60		
# 50	116.38	29.10	94.70		FM= 2.85
#100	19.63	4.91	99.60		
# 200	1.27	0.32	..		
#Pan	0.26	0.07	...		
			Σ= 284.86		

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 : 26/2024-2025(Sand).
Name of Clint : GE (Navy) Dhaka.
Ref ltr no : CEN/138 of 2024-2025/09/E-6 Dt.12 Aug'2025
Project Name : Construction of Ward Room.
Sample Specimen : Local Sand
Dt of sample collection : 17 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	2.97	0.74	0.74		
#16	15.6	3.90	4.64		
# 30	101.9	25.48	30.12		
# 50	140.83	35.21	65.33		FM= 1.95
#100	114.18	28.55	93.87		
# 200	22.19	5.55	..		
#Pan	2.24	0.56	...		
			Σ= 194.70		

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