



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 : 23/2025-2026 (Sand).
Name of Clint : GE (Navy) Patuakhali.
Ref ltr no : EinC/40 of 2024-2025/10/E-6 Dt.07 Aug'2025
Project Name : Construction of 1 x Combined Engineering Weekshop
Sample Specimen : Sylhet Sand.
Dt of sample collection : 10 Aug'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	2.58	0.65	0.65		
# 8	6.96	1.74	2.39		
#16	42.28	10.57	12.96		
# 30	184.8	46.20	59.16		
# 50	135.46	33.87	93.02		FM= 2.68
#100	26.45	6.61	99.63		
# 200	1.45	0.36	..		
#Pan	0	0.00	...		
			Σ= 267.79		

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



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Job No : 22/2024-2025(Sand).
Name of Clint : GE (Navy) Patuakhali.
Ref ltr no : EinC/40 of 2024-2025/10/E-6 Dt.07 Aug'2025
Project Name : Construction of 1 x Combined Engineering Weekshop
Sample Specimen : Local Sand
Dt of sample collection : 10 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	0.00	0.00		
#16	0.48	0.12	0.12		
# 30	10.88	2.72	2.84		
# 50	265.7	66.43	69.27		FM= 1.69
#100	110.08	27.52	96.79		
# 200	11.25	2.81	..		
#Pan	1.28	0.32	...		
			Σ= 169.01		

Cautions :

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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):

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Laboratory Technician

Test Performed By

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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