



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 : 38/2025-2026 (Sand).
Name of Clint : GE (Air) Tejgaon.
Ref ltr no : CE Air/187 of 2024-2025/32/E-6 Dt.02 Sep'2025
Project Name : Construction of Multipurpose Complex.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 04 Sep'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	5.05	1.26	1.26		
# 8	26.57	6.64	7.91		
#16	75.19	18.80	26.70		
# 30	157.14	39.29	65.99		
# 50	109.57	27.39	93.38		FM= 2.94
#100	22.93	5.73	99.11		
# 200	1.47	0.37	..		
#Pan	1.98	0.50	...		
			Σ= 294.35		

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 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 : 38/2024-2025(Sand).
Name of Clint : GE (Air) Tejgaon.
Ref ltr no : CE Air/187 of 2024-2025/32/E-6 Dt.02 Sep'2025
Project Name : Construction of Multipurpose Complex.
Sample Specimen : Local Sand
Dt of sample collection : 04 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	4.53	1.13	1.13		
# 30	60.41	15.10	16.24		
# 50	249.82	62.46	78.69		FM= 1.94
#100	75.06	18.77	97.46		
# 200	7	1.75	..		
#Pan	3.13	0.78	...		
			Σ= 193.51		

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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

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