



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 : 09/2025-2026 (Sand).
Name of Clint : GE (Air) Jashore.
Ref ltr no : CE Air/167 of 2024-2025/07/E-6 Dt.15 July'2025
Project Name : Construction of water reservoir.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 16 July'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	6.98	1.75	1.75		
# 8	23.55	5.89	7.63		
#16	94.02	23.51	31.14		
# 30	183.5	45.88	77.01		
# 50	71.69	17.92	94.94		FM= 3.12
#100	18.17	4.54	99.48		
# 200	2.05	0.51	..		
#Pan	0	0.00	...		
			Σ= 311.94		

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 : 09/2024-2025(Sand).
Name of Clint : GE (Air) Jashore.
Ref ltr no : CE Air/167 of 2024-2025/07/E-6 Dt.15 July'2025
Project Name : Construction of water reservoir.
Sample Specimen : Local Sand
Dt of sample collection : 16 July'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	4.44	1.11	1.11		
#16	15.16	3.79	4.90		
# 30	38.42	9.61	14.51		
# 50	262.22	65.56	80.06		FM= 1.98
#100	70.29	17.57	97.63		
# 200	8.26	2.07	..		
#Pan	1.17	0.29	...		
			Σ= 198.21		

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