



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

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Job No : 27/2025-2026 (Sand).
Name of Clint : AGE (Air) Shamsheernagar.
Ref ltr no : CE(Air)/206 of 2024-2025/05/E-6 Dt.03 Aug'2025
Project Name : Construction of 1 x Office Bulding.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 18 Aug'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	6.25	1.56	1.56		
# 8	36.79	9.20	10.76		
#16	98.99	24.75	35.51		
# 30	155.98	39.00	74.50		
# 50	86.8	21.70	96.20		FM= 3.18
#100	11.47	2.87	99.07		
# 200	2	0.50	..		
#Pan	0	0.00	...		
			Σ= 317.61		

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 : 27/2024-2025(Sand).
Name of Clint : AGE (Air) Shamsheernagar.
Ref ltr no : CE(Air)/206 of 2024-2025/05/E-6 Dt.03 Aug'2025
Project Name : Construction of 1 x Office Bulding.
Sample Specimen : Local Sand
Dt of sample collection : 18 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	0	0.00	0.00		
#16	0.45	0.11	0.11		
# 30	2.78	0.70	0.81		
# 50	213.94	53.49	54.29		FM= 1.50
#100	161	40.25	94.54		
# 200	16.95	4.24	..		
#Pan	4.82	1.21	...		
			Σ= 149.76		

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):

1

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