



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

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Job No : 61/2024-2025 (Sand).
Name of Clint : AGE (Air) Air HQ (U).
Ref Itr no : CE Air/204 of 2022-2023/31/E-6 Dt.06 Mar'2025
Project Name : Construction of Boundary Wall.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 09 Mar'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	3.17	0.79	0.79		
# 8	23.79	5.95	6.74		
#16	121.35	30.34	37.08		
# 30	159.4	39.85	76.93		
# 50	79	19.75	96.68		FM= 3.17
#100	8.48	2.12	98.80		
# 200	3.48	0.87	..		
#Pan	0	0.00	...		
			$\Sigma=$ 317.01		

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 : 61/2024-2025(Sand).
Name of Clint : AGE (Air) Air HQ (U).
Ref Itr no : CE Air/204 of 2022-2023/31/E-6 Dt.06 Mar'2025
Project Name : Construction of Boundary Wall.
Sample Specimen : Local Sand
Dt of sample collection : 09 Mar'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	5.59	1.40	1.40		
# 30	18.8	4.70	6.10		
# 50	269.02	67.26	73.35		FM= 1.76
#100	89.02	22.26	95.61		
# 200	11	2.75	..		
#Pan	4.7	1.18	...		
			$\Sigma=$ 176.46		

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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

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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