



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

Page No: 92

Copy no : 01

Job No : 59/2024-2025 (Sand).
Name of Clint : AGE (Air) Air HQ (U).
Ref ltr no : CE Air/196 of 2022-2023/29/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	2.28	0.57	0.57		
# 8	27.95	6.99	7.56		
#16	118.38	29.60	37.15		
# 30	169.83	42.46	79.61		
# 50	62.08	15.52	95.13		FM= 3.19
#100	14.38	3.60	98.73		
# 200	3.01	0.75	..		
#Pan	1.12	0.28	...		
			Σ= 318.75		

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 : 59/2024-2025(Sand).
Name of Clint : AGE (Air) Air HQ (U).
Ref ltr no : CE Air/196 of 2022-2023/29/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	0.56	0.14	0.14		
# 30	7.69	1.92	2.06		
# 50	214.61	53.65	55.72		FM= 1.52
#100	153.94	38.49	94.20		
# 200	19.66	4.92	..		
#Pan	3.79	0.95	...		
			Σ= 152.12		

Cautions :

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- 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):

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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