



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

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Job No : 103/2024-2025 (Sand).
Name of Clint : GE (Navy) North Chattogram.
Ref ltr no : CEN/234 of 2022-2023/38/E-6 Dt.19 Jan'2025
Project Name : Construction of Baoundary Wall.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 26 Jan'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Matarial Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	3.18	0.80	0.80		
# 8	26.94	6.74	7.53		
#16	118	29.50	37.03		
# 30	174.5	43.63	80.66		
# 50	60.18	15.05	95.70		FM= 3.21
#100	14.37	3.59	99.29		
# 200	1.99	0.50	..		
#Pan	0	0.00	...		
			Σ= 321.00		

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 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



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Job No : 103/2024-2025(Sand).
Name of Client : GE (Navy) North Chattogram.
Ref ltr no : CEN/234 of 2022-2023/38/E-6 Dt.19 Jan'2025
Project Name : Construction of Baoundary Wall.
Sample Specimen : Local Sand
Dt of sample collection : 26 Jan'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	2.01	0.50	0.50		
#16	3.84	0.96	1.46		
# 30	8.96	2.24	3.70		
# 50	190.97	47.74	51.45		FM= 1.52
#100	174.31	43.58	95.02		
# 200	25.4	6.35	..		
#Pan	0.95	0.24	...		
			Σ= 152.14		

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 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