



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

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Job No : 102/2024-2025 (Sand).
Name of Clint : GE (Navy) North Chattogram.
Ref ltr no : CEN/174 of 2022-2023/38/E-6 Dt.22 Jan'2025
Project Name : Construction of RCC Road & Drain.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 26 Jan'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	1.15	0.29	0.29		
# 8	16.01	4.00	4.29		
#16	68.92	17.23	21.52		
# 30	214.11	53.53	75.05		
# 50	91	22.75	97.80		FM= 2.99
#100	7.84	1.96	99.76		
# 200	0.4	0.10	..		
#Pan	0	0.00	...		
			Σ= 298.70		

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 : 102/2024-2025(Sand).
Name of Clint : GE (Navy) North Chattogram.
Ref ltr no : CEN/174 of 2022-2023/38/E-6 Dt.22 Jan'2025
Project Name : Construction of RCC Road & Drain.
Sample Specimen : Local Sand
Dt of sample collection : 26 Jan'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	0.91	0.23	0.23		
#16	0.67	0.17	0.40		
# 30	9.98	2.50	2.89		
# 50	231.7	57.93	60.82		FM= 1.60
#100	138.61	34.65	95.47		
# 200	16.08	4.02	..		
#Pan	2.08	0.52	...		
			Σ= 159.80		

Cautions :

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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