



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

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Job No : 51/2025-2026 (Sand).
Name of Clint : GE (Navy) Khulna.
Ref ltr no : CEN/235 of 2024-2025/03/E-6 Dt.25 Sep'2025
Project Name : Construction of 1 x 56 'B' Type & 'C' Type Officer's Qtr.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 29 Sep'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	1.99	0.50	0.50		
# 8	7.54	1.89	2.38		
#16	52.03	13.01	15.39		
# 30	182.06	45.52	60.91		
# 50	146.05	36.51	97.42		FM= 2.77
#100	10.39	2.60	100.02		
# 200	0	0.00	..		
#Pan	0	0.00	...		
			Σ= 276.61		

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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Name of Clint : GE (Navy) Khulna.
Ref ltr no : CEN/235 of 2024-2025/03/E-6 Dt.25 Sep'2025
Project Name : Construction of 1 x 56 'B' Type & 'C' Type Officer's Qtr.
Sample Specimen : Local Sand
Dt of sample collection : 29 Sep'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	2.88	0.72	0.72		
#16	22.51	5.63	6.35		
# 30	55.09	13.77	20.12		
# 50	204.97	51.24	71.36		FM= 1.94
#100	97.95	24.49	95.85		
# 200	15.35	3.84	..		
#Pan	1.01	0.25	...		
			Σ= 194.40		

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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):

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Laboratory Technician

Test Performed By

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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