



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

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Copy no : 01

Job No : 42/2025-2026 (Sand).
Name of Clint : GE (Army) Savar.
Ref ltr no : EinC/22 of 2024-2025/23/E-6 Dt.07 Sep'2025
Project Name : Construction of Sentry box & Gate.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 08 Sep'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	14.7	3.68	3.68		
# 8	29.42	7.36	11.03		
#16	67.73	16.93	27.96		
# 30	138.25	34.56	62.53		
# 50	120.42	30.11	92.63		FM= 2.96
#100	23.42	5.86	98.49		
# 200	3.66	0.92	..		
#Pan	2.00	0.50	...		
			Σ= 296.31		

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 : 42/-2025(Sand).
Name of Clint : GE (Army) Savar.
Ref ltr no : EinC/22 of 2024-2025/23/E-6 Dt.07 Sep'2025
Project Name : Construction of Sentry box & Gate.
Sample Specimen : Local Sand
Dt of sample collection : 08 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	2.3	0.58	0.58		
#16	12.72	3.18	3.76		
# 30	45.64	11.41	15.17		
# 50	224.82	56.21	71.37		FM= 1.90
#100	109.11	27.28	98.65		
# 200	5.05	1.26	..		
#Pan	0.24	0.06	...		
			Σ= 189.51		

Cautions :

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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

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