



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 : 43/2025-2026 (Sand).
Name of Clint : GE (Army) Savar.
Ref ltr no : EinC/23 of 2024-2025/25/E-6 Dt.07 Sep'2025
Project Name : Construction of Boundary Wall.
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	1.92	0.48	0.48		
# 8	31.32	7.83	8.31		
#16	81.81	20.45	28.76		
# 30	119.27	29.82	58.58		
# 50	131.89	32.97	91.55		FM= 2.87
#100	32.5	8.13	99.68		
# 200	0.69	0.17	..		
#Pan	0.23	0.06	...		
			Σ= 287.36		

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 : 43/-2025(Sand).
Name of Clint : GE (Army) Savar.
Ref ltr no : EinC/23 of 2024-2025/25/E-6 Dt.07 Sep'2025
Project Name : Construction of Boundary Wall.
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	0	0.00	0.00		
#16	0.44	0.11	0.11		
# 30	6.36	1.59	1.70		
# 50	300.4	75.10	76.80		FM= 1.74
#100	74.4	18.60	95.40		
# 200	16.9	4.23	..		
#Pan	1.37	0.34	...		
			Σ= 174.01		

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):

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