



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

Page No: 26

Copy no : 01

Job No : 36(D)/2025-2026 (Sand).
Name of Clint : GE (Army) Saidpur.
Ref ltr no : CEA/419 of 2024-2025/05/E-6 Dt.25 Sep'2025
Project Name : Construction of 1 x 8 'C' Type Officer's Qtr.
Sample Specimen : Domar Sand.
Dt of sample collection : 28 Sep'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	7.93	1.98	1.98		
# 8	28.13	7.03	9.02		
#16	96.24	24.06	33.08		
# 30	157.71	39.43	72.50		
# 50	87.59	21.90	94.40		FM= 3.10
#100	19.81	4.95	99.35		
# 200	2.32	0.58	..		
#Pan	0	0.00	...		
			Σ= 310.33		

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 : 36(D)/2025-2026 (Sand).
Name of Client : GE (Army) Saidpur.
Ref ltr no : CEA/419 of 2024-2025/05/E-6 Dt.25 Sep'2025
Project Name : Construction of 1 x 8 'C' Type Officer's Qtr.
Sample Specimen : Local Sand
Dt of sample collection : 28 Sep'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	0.00	0.00		
#16	2.16	0.54	0.54		
# 30	115.65	28.91	29.45		
# 50	218.7	54.68	84.13		FM= 2.14
#100	61.45	15.36	99.49		
# 200	1.14	0.29	..		
#Pan	0.65	0.16	...		
			Σ= 213.61		

Cautions :

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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
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- 3.For Vitty sand minimum FM will be = 0.80