



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 : 12/2025-2026 (Sand).
Name of Clint : GE (Air) Kurmitola.
Ref ltr no : 6412/09/E-6 Dt.24 July'2025
Project Name : Construction of Airmen BK.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 24 July'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	8.41	2.10	2.10		
# 8	20.15	5.04	7.14		
#16	92.35	23.09	30.23		
# 30	205.19	51.30	81.53		
# 50	66.64	16.66	98.19		FM= 3.19
#100	6.84	1.71	99.90		
# 200	0.37	0.09	..		
#Pan	0	0.00	...		
			Σ= 319.08		

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 : 12/2024-2025(Sand).
Name of Clint : GE (Air) Kurmitola.
Ref Itr no : 6412/09/E-6 Dt.24 July'2025
Project Name : Construction of Airmen BK.
Sample Specimen : Local Sand
Dt of sample collection : 24 July'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	0.27	0.07	0.07		
#16	0.31	0.08	0.15		
# 30	16.82	4.21	4.35		
# 50	184.49	46.12	50.47		FM= 1.50
#100	176.93	44.23	94.71		
# 200	18.6	4.65	..		
#Pan	2.38	0.60	...		
			Σ= 149.74		

Cautions :

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- 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