



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 : 15/2025-2026 (Sand).
Name of Clint : AGE (Navy) Kaptai.
Ref ltr no : CEN/26 of 2022-2023/34/E-6 Dt.29 July'2025
Project Name : Construction of Road/Hardstanding.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 31 July'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	5.55	1.39	1.39		
# 8	26.57	6.64	8.03		
#16	75.19	18.80	26.83		
# 30	157.18	39.30	66.12		
# 50	109.57	27.39	93.52		FM= 2.95
#100	22.93	5.73	99.25		
# 200	2.99	0.75	..		
#Pan	0	0.00	...		
			Σ= 295.13		

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 : 15/2024-2025(Sand).
Name of Clint : AGE (Navy) Kaptai.
Ref ltr no : CEN/26 of 2022-2023/34/E-6 Dt.29 July'2025
Project Name : Construction of Road/Hardstanding.
Sample Specimen : Local Sand
Dt of sample collection : 31 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	0.00	0.00		
#16	0.38	0.10	0.10		
# 30	4.62	1.16	1.25		
# 50	242.37	60.59	61.84		FM= 1.59
#100	134.2	33.55	95.39		
# 200	17.02	4.26	..		
#Pan	1.38	0.35	...		
			Σ= 158.58		

Cautions :

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- 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