



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

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Job No : 31/2025-2026 (Sand).
Name of Clint : AGE (Army) Rajendrapur.
Ref ltr no : CEA/437 of 2024-2025/17/E-6 Dt.31 Aug'2025
Project Name : Construction of 1 x Composite Workshop.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 02 Sep'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	4.8	1.20	1.20		
# 8	30.7	7.68	8.88		
#16	79.58	19.90	28.77		
# 30	128.72	32.18	60.95		
# 50	92.02	23.01	83.96		FM= 2.79
#100	43.66	10.92	94.87		
# 200	20.48	5.12	..		
#Pan	0	0.00	...		
			Σ= 278.62		

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 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

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