



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

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Job No : 44/2025-2026 (Sand).
Name of Clint : GE (Army) Savar.
Ref ltr no : EinC/24 of 2024-2025/29/E-6 Dt.07 Sep'2025
Project Name : Construction of Sub-Station Building.
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	6.2	1.55	1.55		
# 8	36.2	9.05	10.60		
#16	107.64	26.91	37.51		
# 30	143.93	35.98	73.49		
# 50	83.37	20.84	94.34		FM= 3.16
#100	18.42	4.61	98.94		
# 200	2.43	0.61	..		
#Pan	1.27	0.32	...		
			Σ= 316.43		

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):

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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