



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

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Job No : 02/2025-2026 (Sand).
Name of Clint : GE (Army) Rangpur.
Ref ltr no : EinC/279 of 2021-2022/47/E-6 Dt.30 Jun'2025
Project Name : Construction of Drain & Box Culvert.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 02 July'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	1.45	0.36	0.36		
# 8	1.5	0.38	0.74		
#16	67.93	16.98	17.72		
# 30	215.32	53.83	71.55		
# 50	104.2	26.05	97.60		FM= 2.88
#100	7.84	1.96	99.56		
# 200	0.5	0.13	..		
#Pan	0.15	0.04	...		
			Σ= 287.53		

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