



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

Page No: 63

Copy no : 01

Job No : 55/2025-2026 (Sand).
Name of Clint : AGE (Army) Bhatiary.
Ref ltr no : EinC/08 of 2025-2026/07/E-6 Dt.07 Oct'2025
Project Name : Construction of 1 x 50 Bedded Hospital.
Sample Specimen : Local Sand.
Dt of sample collection : 08 Oct'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	0.61	0.15	0.15		
#16	5.53	1.38	1.54		
# 30	19	4.75	6.29		
# 50	187.41	46.85	53.14		FM= 1.55
#100	161.81	40.45	93.59		
# 200	22.56	5.64	..		
#Pan	2.61	0.65	...		
			Σ= 154.70		

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):

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