



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

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Job No : 81/2024-2025 (Sand).
Name of Clint : GE (Army) Bogura.
Ref ltr no : CEA/357 of 2022-2023/32/E-6 Dt.12 May'2025.
Project Name : Construction of 1 x SMBK Complex.
Sample Specimen : Domar Sand.
Dt of sample collection : 17 May '2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	3.4	0.85	0.85		
# 8	10.5	2.63	3.48		
#16	87.62	21.91	25.38		
# 30	179.99	45.00	70.38		
# 50	91.76	22.94	93.32		FM= 2.92
#100	22.6	5.65	98.97		
# 200	2.96	0.74	..		
#Pan	0.95	0.24	...		
			Σ= 292.37		

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