



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

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Job No : 76/2024-2025 (Sand).
Name of Clint : GE (Army) Bogura.
Ref ltr no : CEA/377 of 2022-2023/64/E-6 Dt.05 May'2025.
Project Name : Construction of 1 x 10 'B' Type Officer's Qtr.
Sample Specimen : Domar Sand.
Dt of sample collection : 07 May '2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	5.54	1.39	1.39		
# 8	27.67	6.92	8.30		
#16	83.51	20.88	29.18		
# 30	83.51	20.88	50.06		
# 50	134.8	33.70	83.76		FM= 2.81
#100	100.08	25.02	108.78		
# 200	34.83	8.71	..		
#Pan	10.74	2.69	...		
	2.72	0.68	Σ= 281.46		

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