



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

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Job No : 51/2024-2025 (Sand).
Name of Clint : GE (Army) Barishal.
Ref Itr no : CEA/400 of 2022-2023/08/E-6 Dt.26 Jan'2025
Project Name : Construction of 3x Ammo store.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 29 Jan'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	6.41	1.60	1.60		
# 8	24.91	6.23	7.83		
#16	78.39	19.60	27.43		
# 30	160.2	40.05	67.48		
# 50	100.42	25.11	92.58		FM= 2.95
#100	22.89	5.72	98.31		
# 200	4.14	1.04	..		
#Pan	1.77	0.44	...		
			Σ= 295.23		

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