



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

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Job No : 46/2024-2025(Sand).
Name of Client : GE (Navy) Khulna.
Ref ltr no : EinC/02 of 2023-2024/35/E-6 Dt.05 Jan'2025
Project Name : Construction of 1 x Swimming Complex with Survival Training facilities.
Sample Specimen : Sylhet Sand
Dt of sample collection : 06 Jan'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	8.45	2.11	2.11		
# 8	27.78	6.95	9.06		
#16	100.75	25.19	34.25		
# 30	140.15	35.04	69.28		
# 50	74.79	18.70	87.98		FM= 3.01
#100	40.02	10.01	97.99		
# 200	6.9	1.73	..		
#Pan	1.09	0.27	...		
			$\Sigma = 300.66$		

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