



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

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Job No : 13/2025-2026 (Sand).
Name of Clint : AGE (Air) PKP.
Ref ltr no : Einc/81 of 2023-2024/30/E-4 Dt.23 July'2025
Project Name : Construction of Pump house & water reservoir.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 28 July'2025
Test Standard : ASTM/BS

Sieve Size	Wt of Material Retained(gms)	Percentage Material Retained(Round)	Cumulative % Retained	%Finer	Remarks
# 4	4.26	1.07	1.07		
# 8	38.8	9.70	10.77		
#16	98.88	24.72	35.49		
# 30	157.84	39.46	74.95		
# 50	85.99	21.50	96.44		FM= 3.18
#100	12.44	3.11	99.55		
# 200	1.5	0.38	..		
#Pan	0.5	0.13	...		
			Σ= 318.26		

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