



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

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Job No : 49/2024-2025(Sand).
Name of Clint : GE (Army) PMB.
Ref ltr no : EinC/220 of 2023-2024/08/E-6 Dt.22 Jan'2025
Project Name : Construction of Boundary wall/Retaining wall.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 23 Jan'2025
Test Standard : ASTM/BS

| Sieve Size | Wt of Material Retained(gms) | Percentage Material Retained(Round) | Cumulative % Retained | %Finer | Remarks |
|------------|------------------------------|-------------------------------------|-----------------------|--------|----------|
| # 4 | 1.85 | 0.46 | 0.46 | | |
| # 8 | 6.18 | 1.55 | 2.01 | | |
| #16 | 41.96 | 10.49 | 12.50 | | |
| # 30 | 184.9 | 46.23 | 58.72 | | |
| # 50 | 135.47 | 33.87 | 92.59 | | FM= 2.66 |
| #100 | 27.44 | 6.86 | 99.45 | | |
| # 200 | 2.01 | 0.50 | .. | | |
| #Pan | 0.43 | 0.11 | ... | | |
| | | | Σ= 265.73 | | |

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