



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

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Job No : 82/2024-2025(Sand).
Name of Clint : GE (Army) Rangpur.
Ref ltr no : EinC/112 of 2024-2025/06/E-6 Dt.14 May'2025
Project Name : Construction of 1x Gate with Sentry Box.
Sample Specimen : Local Sand
Dt of sample collection :17 May'2025
Test Standard : ASTM/BS

| Sieve Size | Wt of Material Retained(gms) | Percentage Material Retained(Round) | Cumulative % Retained | %Finer | Remarks |
|------------|------------------------------|-------------------------------------|-----------------------|--------|----------|
| # 4 | 0.94 | 0.24 | 0.24 | | |
| # 8 | 3.28 | 0.82 | 1.06 | | |
| #16 | 18.28 | 4.57 | 5.63 | | |
| # 30 | 101.02 | 25.26 | 30.88 | | |
| # 50 | 190.66 | 47.67 | 78.55 | | FM= 2.15 |
| #100 | 81.65 | 20.41 | 98.96 | | |
| # 200 | 3.32 | 0.83 | .. | | |
| #Pan | 0.74 | 0.19 | ... | | |
| | | | Σ= 215.30 | | |

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