



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

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Copy no : 01

Job No : 08/2025-2026 (Sand).
Name of Clint : GE (Air) Chattogram.
Ref ltr no : CEA(Air)/235 of 2024-2025/08/E-6 Dt.14 July'2025
Project Name : Repair/Maint works of Bldg No: 205 Raised platform.
Sample Specimen : Sylhet Sand.
Dt of sample collection : 15 July'2025
Test Standard : ASTM/BS

| Sieve Size | Wt of Material Retained(gms) | Percentage Material Retained(Round) | Cumulative % Retained | %Finer | Remarks |
|------------|------------------------------|-------------------------------------|-----------------------|--------|----------|
| # 4 | 3.75 | 0.94 | 0.94 | | |
| # 8 | 17.53 | 4.38 | 5.32 | | |
| #16 | 70.52 | 17.63 | 22.95 | | |
| # 30 | 140.16 | 35.04 | 57.99 | | |
| # 50 | 103.65 | 25.91 | 83.90 | | FM= 2.67 |
| #100 | 47.57 | 11.89 | 95.80 | | |
| # 200 | 15.1 | 3.78 | .. | | |
| #Pan | 0.9 | 0.23 | ... | | |
| | | | Σ= 266.90 | | |

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):

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



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Copy no : 02

Job No : 07/2024-2025(Sand).
Name of Clint : GE (Air) Chattogram.
Ref ltr no : CEA(Air)/235 of 2024-2025/08/E-6 Dt.14 July'2025
Project Name : Repair/Maint works of Bldg No: 205 Raised platform.
Sample Specimen : Local Sand
Dt of sample collection : 15 July'2025
Test Standard : ASTM/BS

| Sieve Size | Wt of Material Retained(gms) | Percentage Material Retained(Round) | Cumulative % Retained | %Finer | Remarks |
|------------|------------------------------|-------------------------------------|-----------------------|--------|----------|
| # 4 | 1.78 | 0.45 | 0.45 | | |
| # 8 | 3.14 | 0.79 | 1.23 | | |
| #16 | 5.35 | 1.34 | 2.57 | | |
| # 30 | 30.99 | 7.75 | 10.32 | | |
| # 50 | 271.37 | 67.84 | 78.16 | | FM= 1.90 |
| #100 | 77.63 | 19.41 | 97.57 | | |
| # 200 | 7.27 | 1.82 | .. | | |
| #Pan | 2.35 | 0.59 | ... | | |
| | | | Σ= 190.28 | | |

Cautions :

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- 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):

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