



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

Job No : 197/2018-2019(Sand)
Name of Client : GE(Army) Cumilla.
Ref Itr No : CEA/197 of 2017-2018/20/E-4 Dt.02 April'2019
Project Name : CEA/197 of 2017-2018
Sample Specimen : Local sand.
Date of Sample Collection : Wednesday, 03 April, 2019

Copy No : 02

| Sieve Size | Wt of Material Retained (gms) | Percentage Material Retained (rounded) | Cumulative % Retained | % Finer | Remarks |
|------------|-------------------------------|--|-----------------------|---------|-----------|
| #4 | 0 | 0 | 0 | | |
| #8 | 0.3 | 0.08 | 0.08 | | |
| #16 | 4.82 | 1.21 | 1.28 | | |
| #30 | 76.24 | 19.06 | 20.34 | | |
| #50 | 124.35 | 31.09 | 51.43 | | FM = 1.64 |
| #100 | 156.19 | 39.05 | 90.48 | | |
| #200 | 26.09 | 6.52 | | | |
| Pan | 11.41 | 2.85 | | | |
| | | | $\Sigma = 163.6$ | | |

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 samples to be tested.
2. It is recommended that the samples are sent in a secured and sealed cover/packet/container under signature of the competent authority.
3. In order to avoid fraudulent fabrication of the test results, it is recommended that all test reports should be collected by duly authorized person and not by the contractor/supplier.

Observation on Specimen(if any):

- 1.
- 2.

Laboratory Technician

Test Performed By

Vetted By

This is a computer generated copy
No signature is required

Permissible Value:

1. For Sylhet/Domar Sand minimum FM will be = 2.50
2. For Local Sand minimum FM will be = 1.50
3. For Vitty Sand minimum FM will be = 0.80