



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

Job No : 229/2020-2021(Sand).  
Name of Client : AGE (Army)Halishahar.  
Ref Itr No : CEA/308 of 2020-2021/05/E-6 Dt. 29 Mar'2021.  
Project Name : CEA/308 of 2020-2021  
Sample Specimen : Sylhet sand.  
Date of Sample Collection : Thursday, 01 April, 2021

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Sieve Size	Wt of Material Retained (gms)	Percentage Material Retained (rounded)	Cumulative % Retained	% Finer	Remarks
#4	37.6	9.4	9.4		
#8	146.6	36.65	46.05		
#16	92.2	23.05	69.1		
#30	44.9	11.23	80.33		
#50	42.53	10.63	90.96		FM = 3.94
#100	28.88	7.22	98.18		
#200	5.89	1.47	....		
Pan	1.08	0.27	....		
			$\Sigma = 394.01$		

**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. The result is found high considering the properties of coarse sand FM 2.5. It seems to be a mixture of some small size pre-gravels or stone chips.
- 2.

Laboratory Technichian

Test Performed By

Vetted By

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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