



**MATERIAL TESTING LABORATORY**  
**MILITARY ENGINEER SERVICES(MES)**

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**TEST RESULT FOR COMPRESSIVE STRENGTH OF CONCRETE CYLINDER/CUBE**

Job No : 579/2024-2025 (Con).

Name of Client : GE (Navy) Khulna.

Ref ltr no : EinC/174 of 2023-2024/26/E-6 Dt.09 Apr'2025.

Name of the project : Construction of 1 X Main Security gate, 2 x Annex security gate.

Status of sample : Pile cap.

Dt of sample collection: 10 Apr'2025

Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")

Type of Aggregate : Stone

Brand & Type of Cement : Elephant Opc.

Proportion of Mixture : 1:2.894:2.698 (Admixture).

Desired Design Strength : 4000 Psi.

Ser no.	Date of casting and (Age in days)	Date of Test	Specimen Area Sq inch	Maximum Load (Lbs)	Crushing Strength (Psi)	Average Crushing Strength (Psi)	Remarks
1	28 Mar'2025 (28 days)	25 Apr'2025	12.17	54191.78	4453	Average of Sample 1, 2 & 3  4652	Combined Failure
2			12.17	58681.09	4822		
3			12.17	56961.30	4680		

**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):**

1

Laboratory Technician

Test Performed By

Vetted By

Note:[1 Mpa=145 psi, 1kg/cm<sup>2</sup>=14.223 Psi]