



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

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

Job No : 307/2022-2023(Con).

Name of Clint : GE (Navy) Dhaka.

Ref ltr no : 2000/Test/117/E-2 Dt.30 Oct'2022.

Name of the project : Construction of RCC Road, Retaining Wall & Gate.

Status of sample : Foundation slab.

Dt of sample collection : 02 Nov'2022

Test Standard : ASTM/BS

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

Type of Aggregate : Stone

Brand &Type of Cement : Scan Bulk Opc.

Proportion of Mixture : 1:1.5:3 (Readymix)

Desired Design Strength : 2100 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	27 Oct'2022 (7 days)	03 Nov' 2022	12.17	82517.23	6780	Average of Sample 2 & 3 7338	Combined Failure
2			12.17	87237.16	7168		
3			12.17	91367.10	7508		

**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 The strength of this concrete is higher than the normal concrete.

Laboratory Technician

Test Performed By

Vetted By

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

Instrument Calibration :  $Y = 0.972 * X - 10.18$  KN

