



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

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

Job No : 507/2022-2023(Con).  
Name of Clint : GE (Army) Jalalabad.  
Ref ltr no : EinC/139 of 2020-2021/24/E-6 Dt.25 Dec'2022.  
Name of the project : Construction of Retaining Wall & Culvert.  
Status of sample : Retaining Wall.  
Dt of sample collection : 28 Dec'2022  
Test Standard : ASTM/BS

Sample Specimen: Ht 200mm(8") Dia 100 mm(4")  
Type of Aggregate : Stone.  
Brand &Type of Cement : Akij Opc.  
Proportion of Mixture : 1:1.5:3  
Desired Design Strength : 3500 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	23 Dec'2022 (28 days)	20 Jan'2023	12.17	61642.52	5065	Average of Sample 2 & 3  5784	Combined Failure
2			12.17	71900.67	5908		
3			12.17	68880.86	5660		

**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

Note:[1 Mpa=145 psi, 1kg/cm2=14.223]