

**GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT**

Test Report No.: WRD/Q.C./F.6-9/Laterite-T- 432 & 433 Lab/**270** /2019-20/

Dated: 26/08 /2019

Laboratory: Bicholim –Goa.
Sub Div: V (QC)/WRD/Bicholim

Sub: Construction of Compound wall for WRD Complex at Dhargal in Pernem Taluka.

Ref to requisition No: SD IV/ WDVII / WRD/ F351/19-20/ **79** Dated: 20/08/2019

Qty. Received: 2 sets (laterite cube)

Date of Receipt: 20/08/2019

Tested on: 21 & 22//08/2019

Ref to Specification: GSR 1980

Sample: Laterite Stone

O.S. No. : 1078 & 1079/AF

Lab. Sample No.:6741 & 6742

Tested by: Mr. Anil R. Fadte, J.E.

REPORT

Sr. No.	Description of sample	Tested for	Results	Max./Min. value permissible	Remarks
1.	Laterite stone (L.S .No.6741)	A) Compressive strength test: -	i) 41.67 Kg/cm ² ii) 38.71 Kg/cm ² iii) <u>33.30 Kg/cm²</u> Avg. 37.89 Kg/cm²		Remark: - The average Compressive strength is 51.56% more than the specified value of 25 Kg/cm ² .
		B) Water Absorption Test.	i) 10.37 % ii) 9.17 % iii) <u>10.86 %</u> Avg. 10.13%		Remark: The average water absorption is 10.13% which is less than the specified value of 12% specified value
2.	Laterite stone (L.S. No. 6742)	A) Compressive strength test: -	i) 41.62 Kg/cm ² ii) 47.62 Kg/cm ² iii) <u>43.01 Kg/cm²</u> Avg. 76.32 Kg/cm²		Remark: - The average Compressive strength is 76.32% more than the specified value of 25 Kg/cm ² .
		B) Water Absorption Test.	i) 8.69 % ii) 8.23 % iii) <u>10.38 %</u> Avg. 9.10%		Remark: The average water absorption is 9.10% which is less than the specified value of 12% specified value.

Copy to: 1. The Assistant Engineer, S. D. IV, WD VII, WRD , Dhargal– Goa.

2. Submitted to The Superintending Engineer, CPO, WRD, Porvorim – Goa for kind information.

3. Submitted to The Executive Engineer, W.D. VII, WRD, Dhargal – Goa

4. Q.C. Lab file

5. Bill File

Junior Engineer

Assistant Engineer