

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

Test Report No.: WRD/Q.C./F.6-4/Laterite -T- 0444 /Lab/ **110**/ 2021-22 **Dated:** 14/ 06/2021. **Laboratory:** Bicholim
Sub Div: V (QC)/WRD/Bicholim Goa.

Sub: Desilting of Rivulets/Poi,Agriculture fields and reconstruction of existing sluice in Savat Khazan and Kharat Khazan fields at Shirgao in Bicholim Taluka.
Sub Est.III:-Reconstruction of sluice(Navi Manas) in Kharat Khazan at Shirigao village in Bicholim Taluka.

Ref to requisition No:- F.36/SDIII/WDVI/WRD/2021-22/42 **Dated:** 29/05/2021.

Qty. Received: 1Nos **Date of Receipt:** 29/05/2021 **Tested on:** 05& 06/07/2021 **Ref to Specification:** CPWD 2009, GSR 1980.

Sample: Laterite Stone **O.S. No.** 6376/SS **Lab. Sample No.:** 1654 **Tested by:** Mrs. Shirodkar.JE.

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Sr. No.	Description of sample	Tested for	Results	Max. /Min. value permissible	Remarks
1.	<u>Laterite stone</u>	A) Compressive strength test: -	i) 65.69 Kg /cm ² ii) 49.83 Kg /cm ² iii) 67.95 Kg /cm ² Avg. 61.15 Kg/cm ²	35.00kg/cm²	Remark: - The average Compressive strength achieved is 74.71 % More than the specified value of 35 Kg/cm² .
		B) Water Absorption Test.	i) 10.56 % ii) 11.00 % iii) 10.60 % Avg. 10.72 %	12.00 %	Remark: The average water absorption is 10.72 % , less than the maximum permissible limit of 12% .

- Copy to: 1. The Assistant Engineer, SDIII, WDVI, WRD, Mulgao – Goa.
2. Copy Submitted to The Superintending Engineer, CPO, WRD, Porvorim – Goa for kind information.
3. Copy Submitted to The Executive Engineer, W.D. VI, WRD, Bicholim – Goa.
4. Q.C. Lab file 5. Bill File.

Junior Engineer

Assistant Engineer