

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

**Test Report No.:** WRD/Q.C./F.6-4/ Laterite Stone –T: 0451/Lab/338/2021-22   **Dated:** 24/ 03 /2022.   **Laboratory:** Bicholim  
**Sub Div:** V (QC)/WRD/Bicholim Goa.

**Sub:-** Rejuvenation of St. Inez nallah – Improvement to Hydrodynamic, Water Quality and Stabilization of banks a project under Smart City Mission.

**Ref to requisition No:-** SDIV/WDI/WRD/F.38/21-22/784   **Dated :-** 15/03/2022

**Qty. Received:** 1 bags each   **Date of Receipt:** 17/03/2022   **Tested on:** 21 to 23/03/2022   **Ref to Specification:** CPWD 2009, Vol. I&IS:4031-4-1968

**Sample:** Laterite Stone   **O.S. N:-** 219/R.K.   **Lab. Sample No.:** 3341   **Tested by:** Mrs. R.R.Kadam A.E.

**R E P O R T 01 OF 01**

Sr. No.	Description of sample	Tested for	Results	Max. /Min. value permissible	Remarks
1.	<u>Laterite stone</u>	A) Compressive strength test: -	i) 38.50 Kg /cm <sup>2</sup> ii) 41.65 Kg /cm <sup>2</sup> iii) 38.50 Kg /cm <sup>2</sup> Avg. <b>39.55</b> Kg/cm <sup>2</sup>	<b>35.00kg/cm<sup>2</sup></b>	
		<b>Remark:</b> - The average Compressive strength achieved is <b>13.00%More</b> than the specified value of <b>35.00 Kg/cm<sup>2</sup></b> .			
		B) Water Absorption Test.	i) 9.89 % ii) 11.11 % iii) 9.28 % Avg. <b>10.09 %</b>	<b>12 .00 %</b>	
		<b>Remark:</b> The average water absorption is <b>10.09 %,less than</b> the maximum permissible limit of <b>12.00%</b> .			

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

**Assistant Engineer**