

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

**Test Report No.:** WRD/Q.C./F.6-4/ Sand –T:5258 /Lab/337/2021-22   **Dated:-** 21 / 03 /2022.   **Laboratory:** Bicholim  
**Sub Div:** V (QC)/WRD/Bicholim Goa.

**Sub:-** Flood mitigation measures and construction of flood water pumping station at Mala, Panaji – Goa.(QC Programme).

**Ref to requisition No:-** Sample collected by QC from site on 17/03/2022   **Dated:** 17/03/2022.

**Qty. Received:** 1 bags each   **Date of Receipt:-**17/03/2022   **Tested on:-** 19 & 21/03/2022   **Ref to Specification:** CPWD 2009, Vol. I&IS:4031-4-1968

**Sample:** Sand   **O.S. N:-** 196/R.K.   **Lab. Sample No.:** 3371   **Tested by:** Mrs. R.R.Kadam A.E.

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

<b>Sr. No.</b>	<b>Description of sample</b>	<b>Tested for</b>	<b>Results</b>	<b>Max. /Min. value permissible</b>	<b>Remarks</b>
1.	<b>Crushed Sand:</b> (L.S.No.3371)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 14.60% : - 14.28% : - 2.69% : - II	<b>( Limit of Deleterious material is 15.00% for crushed sand)</b>	

**REMARK:**The observed results are within the permissible limits for crushed sand (Fine Aggregate) vide table 2 of IS 383: 2016(Clause 5.2.1).

- Copy to: 1. The Assistant Engineer, SDII, 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**