

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

**Test Report No.:** WRD/Q.C./F.6-4/ Sand –T: 5254/Lab/317/2021-22   **Dated:** 28/ 02 /2022.   **Laboratory:** Bicholim  
**Sub Div:** V (QC)/WRD/Bicholim Goa.

**Sub:-** Development and Repair of Bunds, Fish tanks and Water channel of Estuarine Fish farm at Ela-Old Goa in Tiswadi Taluka.

**Ref to requisition No:-** SDIV/WDI/WRD/F.38/21-22/718   **Dated :-** 22/02/2022

**Qty. Received:** 1 bags each   **Date of Receipt:** 25/02/2022   **Tested on:** 26,27 & 28/02/2022   **Ref to Specification:** CPWD 2009, Vol. I&IS:4031-4-1968

**Sample:**Sand   **O.S. N:-** 7768/SS   **Lab. Sample No.:** 3103   **Tested by:** Mrs. S.B. Naik Shirodkar. J.E.

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

Sr. No.	Description of sample	Tested for	Results	Max. /Min. value permissible	Remarks
1.	<b>Crushed Sand:</b> (L.S.No.3103)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 14.20% : - 13.51% : - 3.19% : - I	( <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, 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.

**Junior Engineer**

**Assistant Engineer**