

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

Test Report No.: WRD/Q.C./F.6-4/ Sand -T: 4933 /Lab/ 310 /2019-20

Dated: 29/ 11/ 2019.

Laboratory: Bicholim

Aggr -T- 9464, 9465

Sub Div: V (QC)/WRD/Bicholim

Sub: Construction of 10 cm thick PCC lining including filter media from ch. 6.00km to ch. 7.50 km in Nandoda village of Bicholim Taluka

Ref to requisition No: SDII/WDVIII/WRD/F. 167/2019-20/131 Dated: 19/11/2019.

Qty. Received: 1 bags each **Date of Receipt:** 19/11/2019 **Tested on:** 22, 23 & 25/11/2019 **Ref to Specification:** CPWD 2002, Vol. I & IS:4031-4-1988

Sample: Sand ,20mm, **O.S. No. :** 2774, 2776 & 2777 /SS **Lab. Sample No.:** 6937 TO 6939 **Tested by:** Mrs. S. B. Naik Shirodkar.JE.
12.50mm size aggrt,

R E P O R T 01 OF 01

Sr. No.	Description of sample	Tested for	Results	Max. /Min. value permissible	Remarks
1.	Sand: (L.S.No.6937)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 3.00% : - 3.40% : - 3.292 : - I		
REMARK: The observed results are within the permissible limits of the Coarse sand.					
2.	20 mm Size Aggregate:	Particle size distribution:	It is single sized aggregate of 20 mm nominal size.	(Qty. rep. – -- m ³)	
3.	12.50 mm Size Aggregate:	Particle size distribution:	It is not single sized aggregate of 12.50 mm nominal size.	(Qty. rep. – -- m ³)	
REMARK: After blending 20 mm aggregate with 12.50 mm aggregates at the ratio of 1:2 by weight; it is satisfying the required criteria for graded aggregate of 20 mm nominal size.					

- Copy to:
1. The Assistant Engineer, SDII, WDVIII, Tivim, Bardez – Goa
 2. Copy Submitted to The Superintending Engineer, CPO, WRD, Porvorim – Goa for kind information.
 3. Copy Submitted to The Executive Engineer, W.D.VIII, WRD, , Karaswada Bardez – Goa .
 4. Q.C. Lab file
 5. Bill File.

Junior Engineer

Assistant Engineer