

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

Test Report No.: WRD/Q.C./F.6-4/ Aggr -T- 9695, 9696 /Lab/ 163 /2020-21
Sand –T: 5066 .

Dated: 14/ 12/ 2020. **Laboratory:** Bicholim
Sub Div: V (QC)/WRD/Bicholim

Sub: Installation of AWS and ARG at Goa.

Ref to requisition No: F.113 /SDI/WDIII/ WRD/2020-21/108 Dated: 08/12/2020.

Qty. Received: 1 bags each **Date of Receipt:** 08/12/2020 **Tested on:** 09 & 10/12/2020 **Ref to Specification:** CPWD 2009, Vol. I & IS:4031-4-1968

Sample: Aggr. Size 20.00, 12.50 mm, **O.S. No. :** 4373, 4374 & 4394/SS **Lab. Sample No.:** 9715 TO 9717 **Tested by:** Mrs. S. B. Naik Shirodkar. JE
Sand

R E P O R T 01 OF 01

Sr. No.	Description of sample	Tested for	Results	Max. /Min. value permissible	Remarks
1.	20 mm Size Aggregate:	Particle size distribution:	It is single sized aggregate of 20 mm nominal size.	(Qty. rep. – -- m ³)	
2.	12.5 mm Size Aggregate:	Particle size distribution:	It is not single sized aggregate of 12.5 mm nominal size.	(Qty. rep. – -- m ³)	
REMARK: After blending 20 mm aggregate with 12.5 mm aggregates at the ratio of 1:2 by weight; it is satisfying the required criteria for graded aggregate of 20 mm nominal size.					
3.	Sand: (L.S.No.9717)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 5.00% : - 5.43 % : - 2.24 : - III		
REMARK: The observed results are within the permissible limits of the coarse sand.					

Copy to:

1. The Assistant Engineer, SDI, WDIII, Bicholim – Goa.
2. Copy Submitted to The Superintending Engineer, CPO, WRD, Porvorim – Goa for kind information.
3. Copy Submitted to The Executive Engineer, W.D.III, WRD, Ponda – Goa.
4. Q.C. Lab file
5. Bill File.

Junior Engineer

Assistant Engineer