

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

Test Report No.: WRD/Q.C./F.6-4/ Aggr -T- 9536, 9537 /Lab/ 398 /2019-20
Sand –T: 4972 .

Dated: 22/ 01 / 2020.

Laboratory: Bicholim

Sub Div: V (QC)/WRD/Bicholim Goa.

Sub: Construction of outlets and field channels of R Minor – 7 at ch. 7.930 km of SDC of LBMC of TIP at Village Sarvan, in Bicholim Taluka.

Ref to requisition No: SDVI/WDVIII/WRD/F. 256/2019-20/140 Dated: 18/01/2020.

Qty. Received: 1 bags each **Date of Receipt:** 18/01/2020 **Tested on:** 21 & 22/01/2020 **Ref to Specification:** CPWD 2009, Vol. I & IS:4031-4-1968

Sample: Sand ,20mm, **O.S. No.** 3091,3092 & 3095 /SS **Lab. Sample No.:** 7652 To 7654 **Tested by:** Mrs. S. B. Naik Shirodkar.JE.
12.5mm 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.	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.	Coarse Sand: (L.S.No.7654)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 2.20% : - 3.40% : - 2.25 : - III		

REMARK: The observed results are within the permissible limits of the coarse sand.

Copy to: 1. The Assistant Engineer, SDVI, WDVIII,WRD, 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.VIII, WRD, Karaswada, Bardez – Goa.

4. Q.C. Lab file

5. Bill File.

Junior Engineer

Assistant Engineer