

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

Test Report No.: WRD/Q.C./F.6-4/Aggr-T-9456, 9457 /Lab/ 307 /2019-20
Sand –T: 4929.

Dated: 25/ 11/2019.

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

Sub: Supplying of Raw water to Mopa Airport by Pumping water from ch. 17.300 km of RBMC of TIP at Nagzar Village of Pernem Taluka.

Ref to requisition No: SDIV/WDVII/WRD/F. 132/2019-20/146 Dated: 14/11/2019.

Qty. Received: 1 bags each **Date of Receipt:** 19/11/2019 **Tested on:** 20 & 21/11/2019 **Ref to Specification:** CPWD 2002, Vol. I&IS:4031-4-1988

Sample: Sand,20mm, **O.S. No.** 2763, 2764 & 2765 /SS **Lab. Sample No.:** 6887 To 6889 **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. – 45.00 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. – 45.00 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.6889)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 3.40% : - 4.34% : - 2.55 : - II		

To be used for – RCC 1:1.5:3 **REMARK:** The observed results are within the permissible limits of the coarse sand.

- Copy to:
1. The Assistant Engineer, SDIV, WDVII,WRD, Dhargal, Pernem – Goa.
 2. Copy Submitted to The Superintending Engineer, CPO, WRD, Porvorim – Goa for kind information.
 3. Copy Submitted to The Executive Engineer, W.D.VII, WRD, Dhargal,Pernem – Goa.
 4. Q.C. Lab file
 5. Bill File.

Junior Engineer

Assistant Engineer