

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

Test Report No.: WRD/Q.C./F.6-4/ Aggr -T- 9452, 9453 /Lab/ 300 /2019-20

Dated: 16/ 11/ 2019.

Laboratory: Bicholim

Sand –T: 4926

Sub Div: V (QC)/WRD/Bicholim

Sub: - Improvement to the Rest House at TIP Complex, Karaswada Bardez Goa.

Ref to requisition No: SDIII/WDVIII/WRD/WF. 62/2019-20/183 Dated: 14/11/2019.

Qty. Received: 1 bags each **Date of Receipt:** 15/11/2019 **Tested on:** 15/11/2019 & 16/11/2019 **Ref to Specification:** CPWD 2002, Vol. I & IS:4031-4-1988

Sample: Sand ,20mm, **O.S. No. :** 2751 to 2753 /SS **Lab. Sample No.:** 6876 TO 6878 **Tested by:** Mrs. S. B. Naik Shirodkar.JE.
10.0mm 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. – 08.00 m ³)	
2.	10.0 mm Size Aggregate:	Particle size distribution:	It is not single sized aggregate of 10.0 mm nominal size.	(Qty. rep. – 08.00 m ³)	
REMARK: After blending 20 mm aggregate with 10.0 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.6878)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 3.40% : - 4.34 % : - 2.08 : - III		
REMARK: The observed results are within the permissible limits of the coarse sand.					

- Copy to:
1. The Assistant Engineer, SDIII, WDVIII, WRD, Karaswada 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