

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

Test Report No.: WRD/Q.C. / F.6-4 /Aggr-T- 219,220/Lab/210/2022-23 **Dated:** 14/12/2022. **Laboratory:** Bicholim-Goa
Sand –T: 5325 **Sub Div:** V (QC)/W.D.VIII/Bicholim Goa.

Sub: Construction of outlets OL 9A and 9B of Tail Minor II (1650 to 2500 m) of B/1 distributory of RBMC of TIP at Ibrampur in V.P Ibrampur in Pernem taluka.

Ref to requisition No.: SDIII/WDVII/WRD/F.197/2022-23/87 **Dated:** 07/12/2022.

Qty. Received: 1 bags each **Date of Receipt:** 09/12/2022 **Tested on:** 12 & 13/12/2022. **Ref to Specification:** CPWD 2009, Vol. I&IS: 4031-4-1968

Sample: Sand, 20mm, **O.S. No.** 9548, 9549,9560/SS. **Lab. Sample No.:** 5469 To 5471 **Tested by:** Mrs. S.B. Naik Shirodkar J.E.
12.50mm size Aggr, Sand.

R E P O R T 01 OF 01

Sr. No.	Description of sample	Tested for	Results	Max. /Min. value permissible	Remark
1.	20 mm Size Aggregate:	Particle size distribution:	It is single sized aggregate of 20 mm nominal size.	(Qty. rep. –45.00m ³)	
2.	12.50 mm Size Aggregate:	Particle size distribution:	It is not single sized aggregate of 12.50 mm nominal size.	(Qty. rep. –45.00m ³)	
REMARK: After blending 20 mm aggregate with 12.50 mm aggregates at the ratio of 1:1 by weight; it is Satisfying the required criteria for graded aggregate of 20 mm nominal size.					
3.	Coarse sand: (L.S.No.5471)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 4.80 % : - 5.55 % : - 2.258 % : - III		

To be used for PCC 1:2:4 – **REMARK: The observed results are within the permissible limits of the Coarse sand.**

- Copy to:
1. The Assistant Engineer, SDIII, WDVII,WRD, Dhargal-Pernem-Goa.
 2. Copy Submitted to The Superintending Engineer, CPO, WRD,Sinchai Bhavan Porvorim-Goa for kind Information
 3. Copy Submitted to The Executive Engineer, WDVII, WRD, Dhargal-Pernem-Goa
 4. Q.C. Lab file 5. Bill File.

Junior Engineer

Assistant Engineer