

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

Test Report No.: WRD/Q.C./F.6-4/Aggr-T-9426, 9427 /Lab/ 281 /2019-20
Sand –T: 4912

Dated: 14/ 10/2019.**Laboratory:** Bicholim
Sub Diy: V (QC)/WRD/Bicholim Goa.

Sub: Repair to the breached portion of RBMC of TIP at Ch. 13.900 kms at village Kasarvernem in Pernem Taluka..

Ref to requisition No: SDI/WDVII/WRD/F. 356/2019-20/161 Dated: 05/10/2019.

Qty. Received: 1 bags each **Date of Receipt:** 05/10/2019 **Tested on:** 09 &10/10/2019 **Ref to Specification:** CPWD 2002, Vol. I&IS:4031-4-1988

Sample:Sand,20mm, **O.S. No.**1115,1116 & 1117 /AF **Lab. Sample No.:** 6819 To 6821 **Tested by:** Mr. Anil R. Fadte, 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. – 40.00 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. – 40.00 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.6821)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 4.20% : - 5.43% : - 2.59 : - III		

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

To be used for – For foundation and Lining work, PCC 1:3:6 & RCC 1:1.5:3.

- Copy to: 1. The Assistant Engineer, SDI, 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