

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

Test Report No.: WRD/Q.C./F.6-4/ Aggr -T- 9628 TO 9631 /Lab/ 49 /2020-21
Sand –T: 5028 .

Dated: 11/ 06 / 2020.

Laboratory: Bicholim

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

Sub: Construction of Pilgao – Narve Distributory of LBMC of TIP from Ch. 8.670 km to ch. 10.725 km in Pilgoa and Narve Village in Bicholim Taluka
(Balance work)

Ref to requisition No: /SDII/WDVIII/WRD/F. 160-1/2020-21/21 Dated: 01/06/2020.

Qty. Received: 1 bags each **Date of Receipt:** 03/06/2020 **Tested on:** 05,06 & 07/06/2020 **Ref to Specification:** CPWD 2009, Vol. I & IS:4031-4-1968

Sample: Sand ,20mm, **O.S. No.** 3789 TO 3791 & 3821 /SS **Lab. Sample No.:** 9061 To 9065 **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: (L.S. No. 9061 & 9063)	Particle size distribution:	It is single sized aggregate of 20 mm nominal size.	(Qty. rep. – --- m ³)	
2.	12.5 mm Size Aggregate: (L.S. No. 9062 & 9064)	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.	Sand: (L.S.No.9065)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 4.00% : - 4.25% : - 2.54 : - III		
REMARK: The observed results are within the permissible limits of the coarse sand.					

Copy to: 1. The Assistant Engineer, SDII, WDVIII,WRD, Tivim, 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