

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

**Test Report No.:** WRD/Q.C./F.6-4/ Sand -T: 4934 /Lab/ 311 /2019-20

**Dated:** 29/ 11/ 2019.

**Laboratory:** Bicholim

**Aggr -T- 9466, 9467**

**Sub Div:** V (QC)/WRD/Bicholim

**Sub:** Construction of Pilgao – Narve Distributory of LBMC of TIP from ch. 4.825km to ch. 8670 m at village Pilgao and Narve in Bicholim Taluka(Balance Work)

**Ref to requisition No:** SDII/WDVIII/WRD/F. 160/2019-20/133 Dated: 19/11/2019.

**Qty. Received:** 1 bags each **Date of Receipt:** 19/11/2019 **Tested on:** 25 & 26/11/2019 **Ref to Specification:** CPWD 2002, Vol. I & IS:4031-4-1988

**Sample:** Sand ,20mm, **O.S. No. :** 2775, 2778 & 2779 /SS **Lab. Sample No.:** 6940 TO 6942 **Tested by:** Mrs. S. B. Naik Shirodkar.JE.  
12.50mm 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.	<b>Sand:</b> (L.S.No.6940)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 3.20% : - 4.40% : - 3.26 : - I		
<b>REMARK:</b> The observed results are within the permissible limits of the Coarse sand.					
2.	<b>20 mm Size Aggregate:</b>	Particle size distribution:	It is single sized aggregate of 20 mm nominal size.	(Qty. rep. – -- m <sup>3</sup> )	
3.	<b>12.50 mm Size Aggregate:</b>	Particle size distribution:	It is not single sized aggregate of 12.50 mm nominal size.	(Qty. rep. – -- m <sup>3</sup> )	
<b>REMARK:</b> After blending 20 mm aggregate with 12.50 mm aggregates at the ratio of <b>1:2</b> by weight; it is satisfying the required criteria for graded aggregate of 20 mm nominal size.					

- Copy to:
1. The Assistant Engineer, SDII, WDVIII, 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**