

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

**Test Report No.:** WRD/Q.C./F.6-4/ Aggr -T- 9526, 9527 /Lab/ 383 /2019-20  
**Sand –T: 4967**

**Dated:** 14/ 01 / 2020.

**Laboratory:** Bicholim

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

**Sub:** Provide barbed wire fencing from Ch. 24.08 km to Ch. 24.35 km of LBMC of TIP at Village Colvale in Bardez Taluka.

**Ref to requisition No:** SDI/WDVIII/WRD/W.F. 41/2019-20/171 Dated: 06/01/2020.

**Qty. Received:** 1 bags each **Date of Receipt:** 07/01/2020 **Tested on:** 08 & 09/01/2020 **Ref to Specification:** CPWD 2009, Vol. I & IS:4031-4-1968

**Sample:** Sand ,20mm, **O.S. No.** 2975, 2976 & 2993 /SS  
12.5mm size aggrt,

**Lab. Sample No.:** 7537 To 7539

**Tested by:** Mrs. S. B. Naik Shirodkar.JE.

**R E P O R T 01 OF 01**

Sr. No.	Description of sample	Tested for	Results	Max. /Min. value permissible	Remarks
1.	<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> )	
2.	<b>12.5 mm Size Aggregate:</b>	Particle size distribution:	It is not single sized aggregate of 12.5 mm nominal size.	(Qty. rep. –m <sup>3</sup> )	
<b>REMARK:</b> After blending 20 mm aggregate with 12.5 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.					
3.	<b>Sand:</b> (L.S.No.7539)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 3.20% : - 4.54% : - 2.37 : - III		
To be used for – Lining work (PCC 1:2:4)		<b>REMARK:</b> The observed results are within the permissible limits of the coarse sand.			

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