

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

**Test Report No.:** WRD/Q.C./ F.6-4 /Aggr-T-157,158 /Lab/59/2022-23    **Dated:** 02 / 05 /2022.    **Laboratory:** Bicholim – Goa.  
**Sand –T:-5289.**    **Sub Div:** V(QC)/W.D.VIII/Bicholim Goa.

**Sub:** Construction of Kamurlim Tail Minor and its Network Kamurlim Branch of LBMC of TIP at Village Kamurlim in Bardez Taluka.

**Ref to requisition No.:** SDI/WDVIII/WRD/WF.29/2022-23/12    **Dated:** 27/04/2022.

**Qty. Received:** 1 bags each    **Date of Receipt:** 29/04/2022    **Tested on:-** 29 & 30/04/2022    **Ref to Specification:** CPWD 2009, Vol. I&IS:4031-4-1968

**Sample:** Sand, 20mm,    **O.S. No.** 8417, 8418 & 8442/S.S.    **Lab. Sample No.:** 4066 to 4068    **Tested by:** Mrs. S. B. Naik Shirodkar J.E.  
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	Remark
1.	<b><u>20 mm Size Aggregate:</u></b>	Particle size distribution:	It is single sized aggregate of 20 mm nominal size.	(Qty. rep. – --m <sup>3</sup> )	
2.	<b><u>12.5 mm Size Aggregate:</u></b>	Particle size distribution:	It is not single sized aggregate of 12.5 mm nominal size.	(Qty. rep. – -- m <sup>3</sup> )	
<b><u>REMARK:</u> After blending 20 mm aggregate with 12.5 mm aggregates at the ratio of <u>1:1</u> by weight; it is satisfying the required criteria for graded aggregate of 20 mm nominal size.</b>					
3.	<b><u>Coarse Sand:</u></b> (L.S.No.4068)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 5.80% : - 5.55% : - 2.58% : - II		
<b><u>REMARK:</u> The observed results are within the permissible limits of the Coarse sand.</b>					

Copy to: 1. The Assistant Engineer, SDI, WDVIII, WRD, Karaswada, Bardez - Goa.  
2. Copy Submitted to The Superintending Engineer, CPO, WRD, Sinchai Bhavan Porvorim-Goa for kind Information  
3. Copy Submitted to The Executive Engineer, WDVIII, WRD, Karaswada, Bardez – Goa  
4. Q.C. Lab file    5. Bill File.

**Junior Engineer**

**Assistant Engineer**