

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

Test Report No.: WRD/Q.C./ F.6-4 /Aggr-T-163,164 /Lab/87/2022-23 **Dated:** 21 / 05 /2022. **Laboratory:** Bicholim – Goa.

Sand –T:-5290.

Sub Div: V(QC)/W.D.VIII/Bicholim Goa.

Sub: Construction of Kamurlim Minor -3 and It's outlets of OR 1, OL 1A,OL 1, OR 2, OL 2, OR 3 and OT of LBMC of TIP at Village Siolim and Oxel in Bardez Taluka.

Ref to requisition No.: -SDI/WDVIII/WRD/WF.31/2022-23/23 **Dated:** 13/05/2022.

Qty. Received: 1 bags each **Date of Receipt:** 16/05/2022 **Tested on:-** 18 & 19/05/2022 **Ref to Specification:** CPWD 2009, Vol. I&IS:4031-4-1968

Sample: Sand,20mm, **O.S. No.** 8522, 8523 & 8540/S.S. **Lab. Sample No.:** 4473 to 4475 **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.	20 mm Size Aggregate:	Particle size distribution:	It is single sized aggregate of 20 mm nominal size.	(Qty. rep. 40m ³)	
2.	12.5 mm Size Aggregate:	Particle size distribution:	It is not single sized aggregate of 12.5 mm nominal size.	(Qty. rep. 40m ³)	
REMARK: After blending 20 mm aggregate with 12.5 mm aggregates at the ratio of 1:1 by weight; it is satisfying therequired criteria for graded aggregate of 20 mm nominal size.					
3.	Coarse Sand: (L.S.No.4475)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 5.40% : - 5.128% : - 2.27% : - III		
REMARK: The observed results are within the permissible limits of the Coarse sand.					
Qty. rep. 40.00 m3.					

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