

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

Test Report No.: WRD/Q.C./F.6-4/ Aggr -T- 9729, 9730 /Lab/ 208 /2020-21
Sand –T: 5088.

Dated: 25/ 01 / 2021.

Laboratory: Bicholim

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

Sub: Renovation to the Existing open irrigation channel fro Siya temple to Konat farm at Surla in Bicholim Taluka.

Ref to requisition No: F.228/WRD/WDVI/SDI/439/20-21 Dated: 13/01/2021.

Qty. Received: 1 bags each **Date of Receipt:** 15/01/2021 **Tested on:** 19 & 20/01/2021 **Ref to Specification:** CPWD 2009, Vol. I & IS:4031-4-1968

Sample: Sand ,20mm, **O.S. No.** 4737,4738 & 4747 /SS **Lab. Sample No.:** 124 to 126 **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:	Particle size distribution:	It is single sized aggregate of 20 mm nominal size.	(Qty. rep. – -- m ³)	
2.	12.5 mm Size Aggregate:	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.126)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 4.80% : - 4.76% : - 2.54 : - II		
To be used for – ---- . REMARK: The observed results are within the permissible limits of the coarse sand.					

Copy to: 1. The Assistant Engineer, SDI, W.D.VI,WRD, Bicholim – Goa.

2. Copy Submitted to The Superintending Engineer, CPO, WRD, Porvorim – Goa for kind information.

3. Copy Submitted to The Executive Engineer, W.D.VI,WRD, Bicholim – Goa.

4. Q.C. Lab file 5. Bill File.

Junior Engineer

Assistant Engineer