

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

Test Report No.: WRD/Q.C./F.6-4/ Aggr -T- 9657, 9658 /Lab/ 124 /2020-21
Sand –T: 5041.

Dated: 26/ 10 / 2020.

Laboratory: Bicholim

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

Sub: providing barbed wire fencing from ch. 33.420 km to 33.590 along LBMC of TIP at village Bastora of Bardez Taluka.

Ref to requisition No: /SDI/WDVIII/WRD/W.F. 52/2020-21/118 Dated: 22/10/2020.

Qty. Received: 1 bags each **Date of Receipt:** 23/10/2020 **Tested on:** 23 & 24/10/2020 **Ref to Specification:** CPWD 2009, Vol. I & IS:4031-4-1968

Sample: Sand ,20mm, **O.S. No.** 4165,4166 & 4168 /SS **Lab. Sample No.:** 9459 To 9461 **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.9461)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 4.80% : - 5.43% : - 2.21 : - III		
To be used for – 1:2:4 concrete work.		REMARK: 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