GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DFEPARTMENT

Test Report No.: WRD/Q.C./F.6-4/Aggr-T- 9859,9860 /Lab/74/2021-22 **Dated: 18/ 05/2021.** **Laboratory:** Bicholim
Sand –T: 5162. **Sub Div: V (QC)/WRD/Bicholim Goa.**

Sub: Providing barbed wire fencing from ch.33.600km to ch.33.730 km along LBMC of TIP at village Bastora of Bardez Taluka.
Ref to requisition No:SD I/WDVIII/WRD/WF.60/21-22/23 Dated: 12/05/2021.
Qty. Received: 1 bags each **Date of Receipt**: 13/05/2021 **Tested on**: 15,16 & 17/03/2021 **Ref to Specification:** CPWD 2009, Vol. I&IS:4031-4-1968
Sample: Sand,20mm, 12.5mm size aggrt. **O.S. No.:**6213,6214,6223 /SS **Lab. Sample No**.: 1538 To 1540 **Tested by**: Mrs. S. B. Naik Shirodkar.JE.

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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 1:1 by weight; it is satisfying therequired criteria for graded aggregate of 20 mm nominal size.		
3.	**Sand:** (L.S.No.1540)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 4.60% : - 5.43% : - 2.26 : - III		
	To be used for: Concrete 1:2:4	**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**