

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

Test Report No.: WRD/Q.C./F.6-4/Aggr-T- 233,234/Lab/231/2022-23 **Dated:-05/01/2023.**

Laboratory: Bicholim

Sand –T:- 5334.

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

Sub:- Providing approach road cum Ramp to the canal section at chainage 0.900 kms, 3.700 kms, and 5.5 kms on RBMC of TIP to rescue wild animals accidentally falling in canal at village Hassapur and Hali in Pernem Taluka.

Ref to requisition No:- SDI/WDVII/WRD/F.16/2022-23/135 **Dated :-** 21/12/2022

Qty. Received: 1 bags each **Date of Receipt:-** 03/01/2023 **Tested on:-** 03 & 05/01/2023. **Ref to Specification:** CPWD 2009, Vol. I&IS:4031-4-1968

Sample: Sand, 20mm, **O.S. NO:-** 9632,9633,9657/SS **Lab. Sample No.:-** 5641 to 5643 **Tested by:-** Mrs. S. B. Naik Shirodkar J.E.

12.5mm size Aggr, Sand.

R E P O R T 01 OF 01

Sr. No.	Description of sample	Tested for	Results	Max. /Min. value permissible	Remarks
1.	20.00 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 the required criteria for graded aggregate of 20 mm nominal size.					
3.	Coarse Sand: (L.S.No.5643)	i) Silt & Clay by S.A. method ii) Silt by sedimentation iii) Fineness Modulus iv) Grading Zone	: - 5.80% : - 4.76% : - 2.84% : - I		
REMARK: The observed results are within the permissible limits of the Coarse sand.					

Copy to:1. The Assistant Engineer, SDI, WDVII, WRD, Dhargal, Pernem– Goa.

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

3. Copy Submitted to The Executive Engineer, WDVII, WRD, Dhargal, Pernem– Goa.

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

Junior Engineer

Assistant Engineer