

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

**Test Report No.:** WRD/Q.C./F.6-4/ Sand –T:- 5379/Lab/25/2023-24    **Dated:-**17/04/2023.

**Laboratory:** Bicholim-Goa

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

**Sub:-** Anti Sea Erosion wall from Crematorium to Sunset Point Shack Huddo at Gudem Dando in V.P. Marna-Siolim in Siolim Constituency.

**Ref to requisition No:-** WRD/MI/WDI/SDI/F.57/23-24/12.    **Dated :-** 13/04/2023

**Qty. Received:** 1 bags each    **Date of Receipt:-** 13/04/2023    **Tested on:-** 15,16 & 17/04/2023.    **Ref to Specification:** CPWD 2009, Vol. I&IS:4031-4-1968

**Sample:** Sand    **O.S. NO:-** 660/SS.    **Lab. Sample No :-** 6841    **Tested by:-** Mrs. R.R. Kadam A.E. & Mrs. S. B. Naik Shirodkar J.E.

**R E P O R T 01 OF 01**

| <b>Sr. No.</b> | <b>Description of sample</b>          | <b>Tested for</b>   | <b>Results</b>                                | <b>Max. /Min. value permissible</b>                               | <b>Remarks</b> |
|----------------|---------------------------------------|---|---|---|----------------|
| 1.             | <b>Crushed Sand:</b><br>(L.S.No.6841) | i) Silt & Clay by S.A. method<br>ii) Silt by sedimentation<br>iii) Fineness Modulus<br>iv) Grading Zone | :- 13.40 %<br>:- 13.04 %<br>:- 2.96 %<br>:- I | <b>(Limit of Deleterious material is 15.00% for crushed sand)</b> |                |

**REMARK:**The observed results are within the permissible limits for crushed sand (Fine Aggregate) vide table 2 of IS 383: 2016(Clause 5.2.1).

Copy to:1. The Assistant Engineer, SDI, WDI, WRD, Porvorim– Goa.

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

3. Copy Submitted to The Executive Engineer, WDI, WRD, Porvorim– Goa.

4. Q.C. Lab file    5. Bill File.

**Junior Engineer**

**Assistant Engineer**