

**GOVERNMENT OF GOA**  
**WATER RESOURCES DEPARTMENT**  
**S.D.III., Works Div. XI, QUALITY CONTROL LABORATORY**  
**Gogol - Margao - Goa.**

No. WRD / WD XI / SDIII / F.59/W.F. 79/2021 /227 / 2021-22 . dated: 19/01/2022

Name of the Work: Urgent flood protection measures to Agricultural property in Sy.No. 89 D/S of Bimbol bandhara caused by high floods in river Khandepar on 23-07-2021 in V.P. Collem Dharbandora Taluka.

Sample Sent by: Assistant Engineer , SD III , WD XII , WRD , Dharbandora - Goa.

Letter No: WRD / WD XII/b SD III/ F.1/2021-22/145.

Dated:- 4/1/2022

Received on: 17-01-2022

Date of Testing: 19-01-2022

**REPORT**

Sample No.	Type of Sample	Tested for	Result	Permissible value	REMARKS
F.79/01/2021	Coarse Sand	FM Silt & Clay Grading	2.570 1.40% Zone II	2.3 to 3.1 Upto 5% I to III Zone	
F.79/02/2021	Metal Sand	FM Silt & Clay Grading	2.996 2.00% Zone II	2.3 to 3.1 Upto 5% I to III Zone	
F.79/03/2021	Aggregate-20 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	To get the 20mm graded aggregate nominal size blend 20mm & 10 mm metal in 1:1 proportion.
F.79/04/2021	Aggregate- 10 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	

Junior Engineer

Assistant Engineer

Copy submitted to

- 1) Assistant Engineer, SD III, WD XII , WRD Dharbandora- Goa.
- 2) The Executive Engineer, Works Division XI, WRD, Rawanfond- Goa.
- 3) Executive Engineer, WD XII, WRD, Gogol- Margao-Goa.
- 4) Office File.