

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

No. WRD / WD XI / SDIII / TECH/ W.F.34-Oct-2023/2023-24/276

dated: 20/12/2023

Name of the Work: Improvement to traditional Irrigation tank at Ambegan in Sy.No. 135 V.P. Panchwadi in Shiroda Constituency.

Sample Sent by: Assistant Engineer , SD IV, WD XI , WRD , Ponda- Goa.

Letter No: WRD /WD XI/SD IV/W.F.434/511/2023-24.

Dated:- 15-12-2023

Received on: 15-12-2023

Date of Testing 18-12-2023

**REPORT**

Sr No.	Type of Sample	Tested for	Result	Permissible value	REMARKS
F. 34/01/2023	Coarse Sand	FM Silt & Clay Grading	2.926 3.20% Zone- III	2.3 to 3.1 Upto 5% I to III Zone	
F. 34/02/2023	Metal Sand	FM Silt & Clay Grading	3.098 4.80% Zone II	2.3 to 3.1 Upto 5% I to III Zone	
F. 34/03/2023	Aggregate-20 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	To get the 20mm graded aggregate nominal size blend 20mm & 12.5 mm metal in 1:1 proportion.
F. 34/04/2023	Aggregate- 12.5 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	

Junior Engineer

Assistant Engineer

- Copy submitted to
- 1) Assistant Engineer, SD IV, WD XIV, WRD, Quepem- Goa.
  - 2) The Executive Engineer, Works Division XI, WRD, Rawanfond- Goa.
  - 3) The Surveyor of Works, Quality Control, C.P.O., Water Resources Dept., Sinchai Bhavan, Alto Porvorim-Goa.
  - 4) Office File.