

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

No. WRD / WD XI / SDIII / TECH / WF. 49 -Oct-2024 /239 / 2024-25.

dated: 18/12/2024

Name of the Work: Construction of open type bandhara at Bandli Betki in V.P. Borim of Shiroda Constituency.

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

Letter No: WRD/ WD XI/ SD IV/W.F.536/482/2024-25.

Dated:- 16-12-2024

Received on: 16-12-2024

Date of Testing 18-12-2024

**REPORT**

Sample No.	Type of Sample	Tested for	Result	Permissible value	REMARKS
F. 49/01/2024	Coarse Sand	FM Silt & Clay Grading	2.874 1.90% Zone III	2.3 to 3.1 Upto 5% I to III Zone	
F. 49/02/2024	Metal Sand (Washed)	FM Silt & Clay Grading	3.093 3.60% Zone II	2.3 to 3.1 Upto 5% I to III Zone	
F. 49/03/2024	Aggregate-20 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	To get the 20mm graded aggregate nominal size blend
F. 49/04/2024	Aggregate- 12.5 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	20mm & 12.5 mm metal in 1:1 proportion.

Junior Engineer

Assistant Engineer

Copy submitted to 1) Assistant Engineer, SD IV, WD XI, WRD, Ponda- 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.