

**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 / / 2019-20. dated:

Name of the Work: Construction of retaining wall to the storm water nallah in Sy No 189/1 at Sadovim ward  
in Verna village panchayat in Nuvem Constituency.

Sample Sent by: Assistant Engineer, SD I, WD II, WRD, Rawanfond -Goa

Letter No: WRD/SD I/ WD II/F.Esst/225/2019-20.

Dated:- 20-09-2019

Received on: 20-09-2019

Date of Testing: 24-09-2019

**REPORT**

Sample No.	Type of Sample	Tested for	Result	Permissible value	REMARKS
4623/19	Coarse Sand	FM Silt & Clay Grading	2.847 1.80% II	2.3 to 3.1 Upto 5% I to III Zone	
4624/19	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.
4625/19	Aggregate- 10 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	

**Joaquim Antao**  
**Junior Engineer**

**Rameshwar Savant**  
**Assistant Engineer**

Copy submitted to

- 1) Assistant Engineer, SD I, WD II, WRD, Rawanfond-Goa.
- 2) The Executive Engineer, Works Division XI, WRD, Rawanfond- Goa.
- 3) Executive Engineer, WD II, WRD, Rawanfond-Goa.
- 4) Office File.

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**Gogol - Margao - Goa.**

No. WRD / WD XI / SDIII / F.59 / / 2019-20. dated:

Name of the Work: Construction of protection wall for the nallah in Sy No 17/10 an improvement of pond at Mottiwado of V.P.Majorda-Utorda-Calata in Nuvem Constituency.

Sample Sent by: Assistant Engineer, SD I, WD II, WRD, Rawanfond -Goa

Letter No: WRD/SD I/ WD II/F.Esst/241/2019-20.

Dated:- 27-09-2019

Received on: 28-09-2019

Date of Testing: 30-09-2019

**REPORT**

Sample No.	Type of Sample	Tested for	Result	Permissible value	REMARKS
4627/19	Coarse Sand	FM Silt & Clay Grading	2.876 1.80% II	2.3 to 3.1 Upto 5% I to III Zone	
4628/19	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.
4629/19	Aggregate- 10 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	

**Joaquim Antao**  
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**Assistant Engineer**

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**Gogol - Margao - Goa.**

No. WRD / WD XI / SDIII / F.59 / / 2019-20. dated:

Name of the Work: Improvement and lining of M.I.Tank at Chapoli in Canacona Taluka.

Sample Sent by: Assistant Engineer, SD II, WD XI, WRD, Canacona -Goa

Letter No: WRD / WD XI / SD II / F.81/146/2019-20.

Dated:- 30-09-2019

Received on: 30-09-2019

Date of Testing: 10-10-2019

**REPORT**

Sample No.	Type of Sample	Tested for	Result	Permissible value	REMARKS
4629/19	Coarse Sand	FM Silt & Clay Grading	2.85 1.80% II	2.3 to 3.1 Upto 5% I to III Zone	
4630/19	Coarse Sand	FM Silt & Clay Grading	2.004 1.40% IV	< 2.3 Upto 5% Zone IV	
4631/19	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.
4632/19	Aggregate- 10 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	

Joaquim Antao  
Junior Engineer

Pravin.C. Parsekar  
Assistant Engineer

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- 1) Assistant Engineer, SD II, WD XI, WRD, Canacona-Goa.
  - 2) The Executive Engineer, Works Division XI, WRD, Rawanfond- Goa.
  - 3) Executive Engineer, WD XI, WRD, Rawanfond-Goa.
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**S.D.III., Works Div. XI, QUALITY CONTROL LABORATORY**  
**Gogol - Margao - Goa.**

No. WRD / WD XI / SDIII / F.59 / WF.04 / / 2019-20. dated:

Name of the Work: Urgent repairs to retaining wall of SIP Main Canal at CH:18.95 Kms Ambaulim village.

Sample Sent by: Assistant Engineer, SD III, WD XIV, WRD, Cuncolim -Goa

Letter No: WRD / WD XIV / SD III /F.03/120/2019-20.

Dated:- 15-10-2019

Received on: 17-10-2019

Date of Testing: 22-10-2019

**REPORT**

Sample No.	Type of Sample	Tested for	Result	Permissible value	REMARKS
4633/19	Coarse Sand	FM Silt & Clay Grading	2.718 2.00% II	2.3 to 3.1 Upto 5% I to III Zone	
4634/19	Aggregate-20 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	To get the 20mm graded aggregate nominal size blend
4635/19	Aggregate- 10 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	20mm & 10 mm metal in 1:1 proportion.

Joaquim Antao  
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Pravin.C. Parsekar  
Assistant Engineer

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- 3) Executive Engineer, WD XIV, WRD, Rawanfond Navelim-Goa.
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**Gogol - Margao - Goa.**

No. WRD / WD XI / SDIII / F.59 / WF.07 / / 2019-20. dated:

Name of the Work: Construction of Open type Bandhara cum Foot bridge at Ambe across Khandepar river jn V.P.Dharbandora  
in Sanvordem Constituency

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

Letter No: WRD / WD XII / SD III /WF.07/128/2019-20.

Dated:- 13-11-2019

Received on: 15-11-2019

Date of Testing: 18-11-2019

**REPORT**

Sample No.	Type of Sample	Tested for	Result	Permissible value	REMARKS
4644/19	Coarse Sand	FM Silt & Clay Grading	2.718 2.00% II	2.3 to 3.1 Upto 5% I to III Zone	
4645/19	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.
4646/19	Aggregate- 10 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	

Joaquim Antao  
Junior Engineer

Pravin.C. Parsekar  
Assistant Engineer

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- 3) Executive Engineer, WD XII, WRD, Gogol Margao-Goa.
- 4) Office File.

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**Gogol - Margao - Goa.**

No. WRD / WD XI / SDIII / F.59 / WF.09/ / 2019-20. dated:

Name of the Work: Extension of protection work for drainage (storm water) at downstream side of the Masjid at Rumdawada in Mormugao Constituency.

Sample Sent by: Assistant Engineer, SD II, WD II, WRD, Gogol-Margao,Salcete-Goa

Letter No: WRD/SD II/ WD II/F.03/177/2019-20.

Dated:- 15-11-2019

Received on: 18-11-2019

Date of Testing: 20-11-2019

**REPORT**

Sample No.	Type of Sample	Tested for	Result	Permissible value	REMARKS
4653/19	Coarse Sand	FM Silt & Clay Grading	2.368 2.00% III	2.3 to 3.1 Upto 5% I to III Zone	
4655/19	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.
4656/19	Aggregate- 10 mm	Grading		As per IS-383-1970 (Re-affirmed in 1990)	

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Junior Engineer

Pravin.C. Parsekar  
Assistant Engineer

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No. WRD / WD XI / SDIII / F.59 / WF.09/ / 2019-20. dated:

Name of the Work: Extension of protection work for drainage (storm water) at downstream side of the Masjid at Rumdawada in Mormugao Constituency.

Sample Sent by: Assistant Engineer, SD II, WD II, WRD, Gogol-Margao,Salcete-Goa

Letter No: WRD/SD II/ WD II/F.03/177/2019-20.

Dated:- 15-11-2019

Received on: 18-11-2019

Date of Testing: 20-11-2019

**REPORT**

Sample No.	Type of Sample	Tested for	Result	Permissible value	REMARKS
4653/19	Metal Sand	FM Silt & Clay Grading		2.3 to 3.1 Upto 5% I to III Zone	

Joaquim Antao  
Junior Engineer

Pravin.C. Parsekar  
Assistant Engineer

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