

**QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT**

Test Report No.: WRD/Q.C./F.6-3/Soil. T- 1507 to 1510 /Lab/**169**/2021-22 Dated: 05 /08/2021.

Laboratory: Bicholim

Sub Division: V (QC)/WRD/Bicholim

Sub.: Urgent reinstatement of the breached canal portion including improvement and strengthening works for RBMC of TIP at chainage 12.500 kms at Village Kasarvornem in Pernem Taluka.

Ref to requisition No.: F.366/SDI/WDVII/WRD/2021-22/62 dt:-21/06/2021

Oty. Received: ½ bag Soil. **Date of Receipt:** 02/07/2021 **Tested on:** 30,31/07/2021 & 03,04/08/2021 **Ref to IS/CPWD Specification:** IS: 2720, Part VII, 1980

Sample of: Soil **O.S. No.** 6881,6882,6886,6887/SS **Lab. Sample No.:** 2047 & 2048. **Tested by:** Mrs. Shirodkar ,J.E

REPORT 01 OF 1

Sr. No.	Description of sample	Tested for	Results	Max./Min. value permissible	Remarks
1.	Soil: (L.S.No. 2047-S 1)	I) Proctor values			
		a) M.D.D. (from graph)		:- 1.837/cc	
		b) O.M.C. (from graph)		:- 16.20%	
		II) Sieve Analysis			
		a) Silt and Clay by Sieve Analysis	:-	31.20%	
		b) Fine Sand	:-	10.80%	
		c) Medium Sand	:-	31.80%	
		d) Coarse Sand	:-	10.60 %	
		e) Gravel	:-	15.60%	

Junior Engineer

Assistant Engineer

REPORT 02 OF 02

Sr. No.	Description of sample	Tested for	Results	Max./Min. value permissible	Remarks
2.	Soil: (L.S.No. 2048-S 2)	I) <u>Proctor values</u>			
		a) M.D.D. (from graph)		:- 1.796/cc	
		b) O.M.C. (from graph)		:- 14.50%	
		II) <u>Sieve Analysis</u>			
		a) Silt and Clay by Sieve Analysis	:-	25.00%	
		b) Fine Sand	:-	6.60%	
		c) Medium Sand	:-	21.40%	
		d) Coarse Sand	:-	12.60 %	
		e) Gravel	:-	34.40%	

- Copy to: 1. The Assistant Engineer, SDI, WDVII, WRD, Dhargal-Pernem – Goa.
2. Copy Submitted to The Superintending Engineer, CPO, WRD, Porvorim – Goa for kind information.
3. Copy Submitted to The Executive Engineer, W.D.VII, WRD, Dhargal-Pernem – Goa.
4. Q.C. Lab file 5. Bill File.

Junior Engineer

Assistant Engineer