

**QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT**

Test Report No.: WRD/Q.C./F.6-3/Soil. T:- 1514,1515 & 1516 /Lab/**277**/2021-22 Dated: 02/ 02 /2022.
Cement. T:- 1323

Laboratory: Bicholim
Sub Division: V (QC)/WRD/Bicholim

Sub.: Strengthening to the bund "Corlim Khazan (Mayem Khazan)" at Corlim in Tiswadi Taluka.

Ref to requisition No.: 3-Tech/F.4(Tis)/04/SCD/D.Agr/2021-22/887 dt:-17/01/2022

Qty. Received: ½ bag Soil. **Date of Receipt:** 17/01/2022 **Tested on:** 22,23 & 24/01/2022 **Ref to IS/CPWD Specification:** IS: 2720, Part IV,V, 1985,4031,1968

Sample of: Soil,Cement **O.S. No. :** 7449,7450,7464 & 7440/SS **Lab. Sample No.:** 2760 & 2761 **Tested by:** Mrs. S.B. Naik Shirodkar J.E.

R E P O R T 01 OF 1

Sr. No.	Description of sample	Tested for	Results	Max./Min. value permissible	Remarks
1.	Soil: (L.S.No.2760)	I) Plasticity Index.	Liquid Limit :- 33.21 % Plastic Limit :- 28.23 % Plasticity Index :- 4.98 %	----	----
		II. Sieve Analysis	a) Silt and Clay by Sieve Analysis :- 35.00% b) Fine Sand :- 1.80% c) Medium Sand :- 21.60% d) Coarse Sand :- 11.00% e) Gravel :- 30.60%		
2.	Cement: J.K.Cement, bearing IS:269 Ordinary Portland cement, Manuf. date: W-52, M-01, Year-2021 CM/L =0003401033 Qty. rep. –.	i)Fineness of Cement ii) Consistency of cement iii) Initial Setting Time iv) Final Setting Time	: 1.29% : 32.00% : 165 minutes : 315 minutes	----- (It should not be more than 10%) (It should be in the neighborhood of 35%) ---- (It should not be less than 30 minutes) -- (It should not be more than 600 minutes)	
	To be used for –	REMARK: The observed results are within the permissible limit for Ordinary Portland			

Copy to: 1. The Assistant Engineer, o/o The Executive Engineer, Soil Conservation Division, Directorate of Agriculture, Krishi Bhavan, Tonca Caranzalem - Goa.
2. Q.C. Lab file 3. Bill File.

Junior Engineer

Assistant Engineer