

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 473 to478,483to485,529,549to554 / Lab / **203** / 2020 - 21 Dated:- 19/ 01 / 2021 Laboratory : Bicholim - Goa.  
,566 to 571, 602 to 607,616 to 618, 626 to 628,655 to 657& 668 to 670 Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work : Improvement to the R.B.M.C. of T.I.P. by providing 100mm thick RCC Lining from Ch.0.00 kms to Ch.6.020 kms excluding Hassapur aqueduct and Kalna aqueduct between chainage 4.165 to 4.227 and 4.772 to 5.117 kms at village Ankane-Hassapur and Hali in Pernem Taluka**

Ref. to Requisition No.: F.353/SDI/WDVII/WRD/2020-21/188 dt. 18/12/2020.

Qty. Recived. : 40 Sets of cube Date of Receipt:- 21 / 12 / 2020. Tested on: - 29/12/2020 To 14 /01/2021 Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 3 : 6 & 1:1.5:3, O.S No.4513to4515,4520 to4522, 4527 to 4529,4579,4596 to 4601, 4608 to4613,4640 to 4645, 4649 to4651,4660 to 4662,4683 to 4685 & 4696 to4698 : /SS. Lab. Sample No.: 9757 TO 9796 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 01/12/2020, P.C.C. For Ch-5.117 to Ch-5.200 km. (P67)	28 <sup>th</sup> day compressive strength	126.85	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	19.30	Qty represents - 60.00 Cum. For three sets of cubes.
			117.79	Kg/Cm <sup>2</sup>			
			113.26	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>119.30</b>			
2	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 01/12/2020, P.C.C. For Ch-5.117 to Ch-5.200 km. (P67)	28 <sup>th</sup> day compressive strength	124.59	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	12.51	----- do -----
			101.94	Kg/Cm <sup>2</sup>			
			111.00	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>112.51</b>			
3	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 01/12/2020, P.C.C. For Ch-5.117 to Ch-5.200 km. (P67)	28 <sup>th</sup> day compressive strength	115.53	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	16.28	----- do -----
			111.00	Kg/Cm <sup>2</sup>			
			122.32	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>116.28</b>			
4	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 02/12/2020, P.C.C. For Ch-5.200 to Ch-5.290 km. (P68)	28 <sup>th</sup> day compressive strength	124.59	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	20.06	Qty represents - 60.00 Cum. For three sets of cubes.
			122.32	Kg/Cm <sup>2</sup>			
			113.26	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>120.06</b>			

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5	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 02/12/2020, P.C.C. For Ch-5.200 to Ch-5.290 km. (P68)	28 <sup>th</sup> day compressive strength	117.79	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	14.02	Qty represents - 60.00 Cum. For three sets of cubes.
			115.53	Kg/Cm <sup>2</sup>			
			108.73	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>114.02</b>	<b>Kg/Cm<sup>2</sup></b>			
6	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 02/12/2020, P.C.C. For Ch-5.200 to Ch-5.290 km. (P68)	28 <sup>th</sup> day compressive strength	113.26	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	18.55	----- do -----
			117.79	Kg/Cm <sup>2</sup>			
			124.59	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>118.55</b>	<b>Kg/Cm<sup>2</sup></b>			
7	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 03/12/2020, P.C.C. For Ch-5.290 to Ch-5.380 km. (P69)	28 <sup>th</sup> day compressive strength	126.85	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	18.55	Qty represents - 60.00 Cum. For three sets of cubes.
			111.00	Kg/Cm <sup>2</sup>			
			117.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>118.55</b>	<b>Kg/Cm<sup>2</sup></b>			
8	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 03/12/2020, P.C.C. For Ch-5.290 to Ch-5.380 km. (P69)	28 <sup>th</sup> day compressive strength	126.85	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	19.30	----- do -----
			106.47	Kg/Cm <sup>2</sup>			
			124.59	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>119.30</b>	<b>Kg/Cm<sup>2</sup></b>			
9	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 03/12/2020, P.C.C. For Ch-5.290 to Ch-5.380 km. (P69)	28 <sup>th</sup> day compressive strength	115.53	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	20.06	----- do -----
			126.85	Kg/Cm <sup>2</sup>			
			117.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>120.06</b>	<b>Kg/Cm<sup>2</sup></b>			
10	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 09/12/2020, R.C.C. for Ch-5.117 to Ch-6.020 km. (P70)	28 <sup>th</sup> day compressive strength	294.48	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	10.84	Qty represents - 20.00 Cum.
			305.81	Kg/Cm <sup>2</sup>			
			280.89	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>293.73</b>	<b>Kg/Cm<sup>2</sup></b>			
11	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 10/12/2020, P.C.C. For Ch-5.380 to Ch-5.480 km. (P71)	28 <sup>th</sup> day compressive strength	113.26	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	13.26	Qty represents - 65.00 Cum. For three sets of cubes.
			111.00	Kg/Cm <sup>2</sup>			
			115.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>113.26</b>	<b>Kg/Cm<sup>2</sup></b>			

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12	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 10/12/2020, P.C.C. For Ch-5.380 to Ch-5.480 km. (P71)	28 <sup>th</sup> day compressive strength	90.61	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	11.00	Qty represents - 65.00 Cum. For three sets of cubes.
			117.79	Kg/Cm <sup>2</sup>			
			124.59	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>111.00</b>	<b>Kg/Cm<sup>2</sup></b>			
13	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 10/12/2020, P.C.C. For Ch-5.380 to Ch-5.480 km. (P71)	28 <sup>th</sup> day compressive strength	122.32	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	12.51	----- do -----
			99.67	Kg/Cm <sup>2</sup>			
			115.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>112.51</b>	<b>Kg/Cm<sup>2</sup></b>			
14	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 10/12/2020, R.C.C.for Ch-5.117 to Ch-5.170 mts. (P72)	28 <sup>th</sup> day compressive strength	292.22	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	3.72	Qty represents - 65.00 Cum. For three sets of cubes.
			249.18	Kg/Cm <sup>2</sup>			
			283.16	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>274.85</b>	<b>Kg/Cm<sup>2</sup></b>			
15	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 10/12/2020, R.C.C.for Ch-5.117 to Ch-5.170 mts. (P72)	28 <sup>th</sup> day compressive strength	271.83	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	6.85	----- do -----
			283.16	Kg/Cm <sup>2</sup>			
			294.48	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>283.16</b>	<b>Kg/Cm<sup>2</sup></b>			
16	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 10/12/2020, R.C.C.for Ch-5.117 to Ch-5.170 mts. (P72)	28 <sup>th</sup> day compressive strength	289.95	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	7.42	----- do -----
			308.08	Kg/Cm <sup>2</sup>			
			255.97	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>284.67</b>	<b>Kg/Cm<sup>2</sup></b>			
17	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 11/12/2020, P.C.C. For Ch-5.480 to Ch-5.600 km. (P73)	28 <sup>th</sup> day compressive strength	122.32	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	12.51	Qty represents - 65.00 Cum. For three sets of cubes.
			113.26	Kg/Cm <sup>2</sup>			
			101.94	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>112.51</b>	<b>Kg/Cm<sup>2</sup></b>			
18	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 11/12/2020, P.C.C. For Ch-5.480 to Ch-5.600 km. (P73)	28 <sup>th</sup> day compressive strength	111.00	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	11.75	----- do -----
			124.59	Kg/Cm <sup>2</sup>			
			99.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>111.75</b>	<b>Kg/Cm<sup>2</sup></b>			

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19	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 11/12/2020, P.C.C. For Ch-5.480 to Ch-5.600 km. (P73)	28 <sup>th</sup> day compressive strength	115.53	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	15.53	Qty represents - 65.00 Cum. For three sets of cubes.
			108.73	Kg/Cm <sup>2</sup>			
			122.32	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>115.53</b>	<b>Kg/Cm<sup>2</sup></b>			
20	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 11/12/2020, R.C.C.for Ch-5.170 to Ch-5.220 mts. (P74)	28 <sup>th</sup> day compressive strength	299.01	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	9.70	Qty represents - 65.00 Cum. For three sets of cubes.
			308.08	Kg/Cm <sup>2</sup>			
			265.04	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>290.71</b>	<b>Kg/Cm<sup>2</sup></b>			
21	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 11/12/2020, R.C.C.for Ch-5.170 to Ch-5.220 mts. (P74)	28 <sup>th</sup> day compressive strength	310.34	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	11.70	----- do -----
			294.48	Kg/Cm <sup>2</sup>			
			283.16	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>295.99</b>	<b>Kg/Cm<sup>2</sup></b>			
22	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 11/12/2020, R.C.C.for Ch-5.170 to Ch-5.220 mts. (P74)	28 <sup>th</sup> day compressive strength	301.28	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	10.27	----- do -----
			289.95	Kg/Cm <sup>2</sup>			
			285.42	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>292.22</b>	<b>Kg/Cm<sup>2</sup></b>			
23	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 13/12/2020, P.C.C. For Ch-5.600 to Ch-5.700 km. (P75)	28 <sup>th</sup> day compressive strength	108.73	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	11.00	Qty represents - 65.00 Cum. For three sets of cubes.
			111.00	Kg/Cm <sup>2</sup>			
			113.26	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>111.00</b>	<b>Kg/Cm<sup>2</sup></b>			
24	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 13/12/2020, P.C.C. For Ch-5.600 to Ch-5.700 km. (P75)	28 <sup>th</sup> day compressive strength	126.85	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	14.02	----- do -----
			111.00	Kg/Cm <sup>2</sup>			
			104.20	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>114.02</b>	<b>Kg/Cm<sup>2</sup></b>			
25	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 13/12/2020, P.C.C. For Ch-5.600 to Ch-5.700 km. (P75)	28 <sup>th</sup> day compressive strength	122.32	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	20.06	----- do -----
			129.12	Kg/Cm <sup>2</sup>			
			108.73	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>120.06</b>	<b>Kg/Cm<sup>2</sup></b>			

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26	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 13/12/2020, R.C.C.for Ch-5.220 to Ch-5.270 mts. (P76)	28 <sup>th</sup> day compressive strength	283.16	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	5.71	Qty represents - 65.00 Cum. For three sets of cubes.
			262.77	Kg/Cm <sup>2</sup>			
			294.48	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>280.14</b>	<b>Kg/Cm<sup>2</sup></b>			
27	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 13/12/2020, R.C.C.for Ch-5.220 to Ch-5.270 mts. (P76)	28 <sup>th</sup> day compressive strength	276.36	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	7.71	----- do -----
			308.08	Kg/Cm <sup>2</sup>			
			271.83	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>285.42</b>	<b>Kg/Cm<sup>2</sup></b>			
28	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 13/12/2020, R.C.C.for Ch-5.220 to Ch-5.270 mts. (P76)	28 <sup>th</sup> day compressive strength	283.16	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	3.43	----- do -----
			260.51	Kg/Cm <sup>2</sup>			
			278.63	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>274.10</b>	<b>Kg/Cm<sup>2</sup></b>			
29	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 14/12/2020, R.C.C.for Ch-5.270 to Ch-5.320 mts. (P77)	28 <sup>th</sup> day compressive strength	260.51	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	7.99	Qty represents - 65.00 Cum. For three sets of cubes.
			292.22	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>286.18</b>	<b>Kg/Cm<sup>2</sup></b>			
30	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 14/12/2020, R.C.C.for Ch-5.270 to Ch-5.320 mts. (P77)	28 <sup>th</sup> day compressive strength	283.16	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	4.29	----- do -----
			267.30	Kg/Cm <sup>2</sup>			
			278.63	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>276.36</b>	<b>Kg/Cm<sup>2</sup></b>			
31	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 14/12/2020, R.C.C.for Ch-5.270 to Ch-5.320 mts. (P77)	28 <sup>th</sup> day compressive strength	283.16	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	6.00	----- do -----
			271.83	Kg/Cm <sup>2</sup>			
			287.69	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>280.89</b>	<b>Kg/Cm<sup>2</sup></b>			
32	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 15/12/2020, P.C.C. For Ch-5.700 to Ch-5.800 km. (P78)	28 <sup>th</sup> day compressive strength	126.85	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	20.81	Qty represents - 65.00 Cum. For three sets of cubes.
			115.53	Kg/Cm <sup>2</sup>			
			120.06	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>120.81</b>	<b>Kg/Cm<sup>2</sup></b>			
33	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 15/12/2020, P.C.C. For Ch-5.700 to Ch-5.800 km. (P78)	28 <sup>th</sup> day compressive strength	113.26	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	16.28	----- do -----
			124.59	Kg/Cm <sup>2</sup>			
			111.00	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>116.28</b>	<b>Kg/Cm<sup>2</sup></b>			

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34	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 15/12/2020, P.C.C. For Ch-5.700 to Ch-5.800 km. (P78)	28 <sup>th</sup> day compressive strength	111.00	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	11.00	Qty represents - 65.00 Cum. For three sets of cubes.
			113.26	Kg/Cm <sup>2</sup>			
			108.73	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>111.00</b>	<b>Kg/Cm<sup>2</sup></b>			
35	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 16/12/2020, R.C.C.for Ch-5.320 to Ch-5.370 mts. (P79)	28 <sup>th</sup> day compressive strength	289.95	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	13.12	Qty represents - 60.00 Cum. For three sets of cubes.
			310.34	Kg/Cm <sup>2</sup>			
			299.01	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>299.77</b>	<b>Kg/Cm<sup>2</sup></b>			
36	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 16/12/2020, R.C.C.for Ch-5.320 to Ch-5.370 mts. (P79)	28 <sup>th</sup> day compressive strength	278.63	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	6.85	----- do -----
			283.16	Kg/Cm <sup>2</sup>			
			287.69	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>283.16</b>	<b>Kg/Cm<sup>2</sup></b>			
37	Cement concrete cube of mix <b>1 : 1.5 : 3</b> , cast on 16/12/2020, R.C.C.for Ch-5.320 to Ch-5.370 mts. (P79)	28 <sup>th</sup> day compressive strength	283.16	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	6.57	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			271.83	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>282.40</b>	<b>Kg/Cm<sup>2</sup></b>			
38	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 17/12/2020, P.C.C. For Ch-5.800 to Ch-5.900 km. (P80)	28 <sup>th</sup> day compressive strength	124.59	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	29.12	Qty represents - 65.00 Cum. For three sets of cubes.
			126.85	Kg/Cm <sup>2</sup>			
			135.92	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>129.12</b>	<b>Kg/Cm<sup>2</sup></b>			
39	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 17/12/2020, P.C.C. For Ch-5.800 to Ch-5.900 km. (P80)	28 <sup>th</sup> day compressive strength	129.12	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	27.61	----- do -----
			135.92	Kg/Cm <sup>2</sup>			
			117.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>127.61</b>	<b>Kg/Cm<sup>2</sup></b>			
40	Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 17/12/2020, P.C.C. For Ch-5.800 to Ch-5.900 km. (P80)	28 <sup>th</sup> day compressive strength	126.85	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	20.81	----- do -----
			120.06	Kg/Cm <sup>2</sup>			
			115.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>120.81</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SDI , WD VII, WRD, Dhargal, Pernem - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.

3. Copy submitted to The Executive Engineer ,WD VII ,WRD, Dhargal, Pernem - Goa.

4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer