



### TEST REPORT BY COMPRESSOR

Date of Test 30-06-2015 Static W/L 6.00M Taste of Water NORMAL

Discharge by V. Notch		Sand Contents						Remarks
In Inch.	In LPM	Start	5 Min.	10 Min.	15 Min.	30 Min.	60 Min.	
8 1/2"	1815	10500	7500	5000	4000	2200	1300	Yellow fine
9"	2088	13000	9400	5000	5000	2500	1700	observed continuity available per grave to going

J. E. A. E. C/S E. E.

### YIELD TEST REPORT

L. No. 1493 / 11-8/157 Dt. 13-07-15  
 S.W.L. 6.00M Taste of Water SWEET Date of Test 10-07-2015

V Notch / Orifice Reading	Discharge In L. P. M.	R. W. L. In Mts.	Depression In Mts.	SAND CONTENTS					
				Starting	5 Min.	10 Min.	15 Min.	20 Min.	30 Min.
12	1608	9.64	3.64	20	10	Cl.	Cl.	Cl.	Cl.
15	1961	10.45	4.45	30	10	Cl.	Cl.	Cl.	Cl.
20	2081	10.72	4.72	70	50	30	20	Tr.	Cl.
30	2535	11.74	5.74	100	80	60	40	20	Tr.
35	2744	12.21	6.21	150	120	100	80	50	20

Recommended 1800 LPM discharge at 4.45 mts. depression. J. E. A. E. C/S E. E.

### WATER SAMPLE TEST RESULTS

AGENCY  
 C120 MLD WATER TREATMENT  
 LAB, PRATAP VIHAR, GHAZIABAD. REF :- L.No. / / DATED

1. TURBIDITY..... NTU..... <u>2.5</u>	10. MAGNESIUM (as mg) mgl. .... <u>11.6</u>
2. PH..... <u>8.43</u>	11. IRON (as Fe) mgl. .... <u>0.2</u>
3. TOTAL DISSOLVED SOLIDS mgl. .... <u>210</u>	12. RESIDUAL CHLORINE mgl. Nil
4. TOTAL HARDNESS (as ca co3) mgl. .... <u>144</u>	
5. CHLORIDES (as CL) mgl. .... <u>15</u>	
6. SULPHATES (as So4) mgl. .... <u>19</u>	
7. FLUORIDES (as F) mgl..... <u>0.2</u>	
8. NITRATES (as No3) mgl..... <u>3</u>	
9. CALCIUM (as Ca) mgl..... <u>38.4</u>	

Draught's Signature J. E. A. E. Executive Engineer