

JAL NIGAM YANTRIK SHAKHA U. P. JAL NIGAM MEERUT

Completion Rion of KUCHESAR G.O.V. TW. NO.1

DISTRICT BULANDSHAHR

Type of Rig. m/c... R.C. 600/27

SIZE OF BORE 675/600 M.M.

Spring Water Level 10-67 Mts.

Depth B. GL Meter	Boring Chart with representation	Stratum	Executed Ass'mbly
01.			
10-65		HARD CLAY	
		MED. SAND	
33-55			
35-00		HARD CLAY	
42-70		MED. SAND	
47-25		CLAY KANKAR	
		MED. SAND	
60-95		MED. SAND & SAND STONE	
65-85			
71-75		HARD CLAY	
		SANDY CLAY	
99-10		HARD CLAY KANKAR	
107-00			

ABSTRACT

1. Drilling Started.....12:8:88.
2. Drilling Completed.....23:8:88.
3. Lowering on....26.8.27:8:88.
4. Drilling Depth..... 107.00M.
5. 350. Dia Housing Pipe.... 30.55M.
6. 200. Dia Blind Pipe..... 11:50 M.
7. 200. Dia Slotted Pipe..... 24:05 M.
8. Discharge by Compressor 1538 LPM.
9. Discharge by O. P. Unit 2250 LPM.
10. Remark if any —

As Executed

Sd/-
(Y.K. SHARMA)
I. E.

Sd/-
(M.C. GUPTA)
A. E.

Counter signed

Sd/-
(R.S. BHARATWAL)
E. E.

YIELD TEST REPORT BY COMPRESSOR

Date of Test 12-11-88 Static W/L 10-67 Taste of Water SWEET

Discharge by V. Notch	Sand Contents in PPM							Remarks
In inches	In Lpm	Start	2Min.	5Min	10Min	15Min	30 M.	
7 1/2"	1310	180	60	Tr.	cl	cl	cl	
8"	1538	220	80	Tr.	cl	cl	cl	

ORIFICE READING mm	Discharge in L.P.M.	SWL in Mts	RWL in Mts	Depression in Mts	SAND CONTENTS IN P.P.M.						Recommendations.
					Starting	2 MIN.	5 Min	10 Min	15 M	20 M	
6"	1475	10.67	14.17	3.50	40	cl	cl	cl	cl	cl	Recommended discharge 2250 LPM at 4.50 mts depression.
8"	1675	10.67	14.67	4.00	60	cl	cl	cl	cl	cl	
14"	2250	10.67	15.17	4.50	80	Tr.	cl	cl	cl	cl	
17"	2475	10.67	15.67	5.00	100	40	Tr.	cl	cl	cl	Recommended Pumping plant discharge 2050 Lpm
21"	2750	10.67	16.17	5.50	120	80	Tr.	cl	cl	cl	

Author

(AUTUBUDDIN)
J. E.

M. Gupta

(M.C. GUPTA)
A. E.

R. S. Bharatwal

(R.S. BHARATWAL)
E. E.

(AUTUBUDDIN)
J. E.

(M.C. GUPTA)
A. E.

(R.S. BHARATWAL)
E. E.

VERTICALITY TEST REPORT

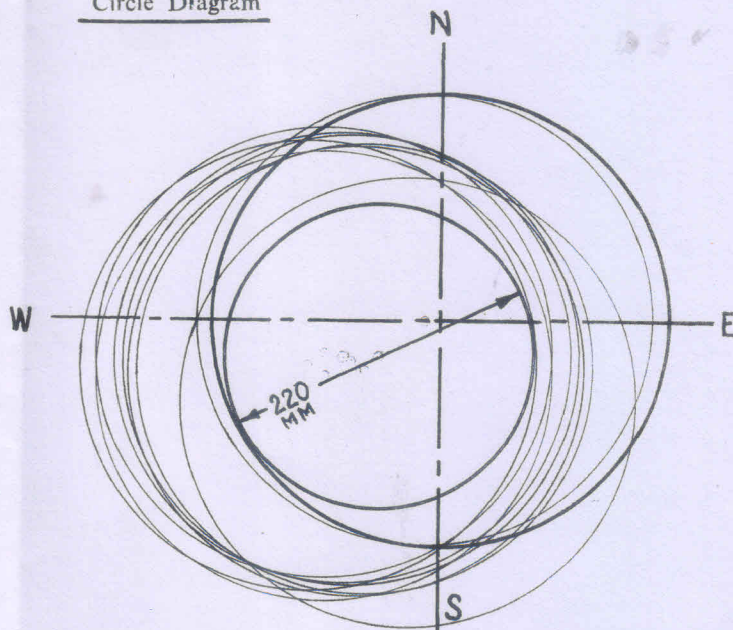
DIA of Disc..... 324 mm DIA of HOUSING..... 336 mm..... DATE OF TEST..... 2.12.88

Height of Suspension..... 3 m

Clearance.....

DEPTH of Disc	Observed Deviation				Actual Deviation			
BGL In	E	W	N	S	E	W	N	S
3	—	3	—	12	—	12	—	—
6	—	6	—	18	—	24	—	60
9	—	16	—	8	—	70	—	38
12	—	11	—	6	—	61	—	36
15	—	13	—	3	—	84	—	24
18	—	11	—	5	—	83	—	41
21	—	8	—	5	—	70	—	46
24	—	10	—	3	—	96	—	33
27	—	5	—	3	—	56	—	36
30	—	6	—	2	—	71	—	28
33	—	5	—	2	—	66	—	30

Circle Diagram



CLEAR SPACE 230 MM At UPTO 21 MTR.

220 " At 24 to 30 MTR.

CHEMICAL TEST REPORT

DATE OF TEST- 22.2.89

AGENCY- ROORKEE UNIVERSITY

	Mg/Lit	mg/Lit	mg/Lit	mg/Lit	
Colour	—	Hardness Temp.	34	Chlorides	16
Nitrates	—	Copper	—	Nitrites	—
pH	7.9	iron	—	Fluorides	—
Total Solids	260.0	Total Alkanity	—	Amonia	—
Dissolved Solids	8	Sulphates	—	C.O.D.	0.03
Fixed Solids	—	Calcui n	—		
Total Hardness(CaCo ₃)	191	Megnesium	—		
Permanent Hardness	157	Turbidity	1.0		

Remarks :- water is suitable with chlorination for drinking purposes

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Draughts Man

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