

Office of The Executive Engineer IIIrd Const. Division (E/M) U.P. Jal Nigam, Faizabad

Completion plan of BHARATHUWA

T.W. at

Distt. SULTANPUR

Name of Yozana/T.W. No. & Location

Detail of Strata

(Not to Scale)

Detail of Lowring

2.44 SURFACE CLAY
0.16m CLAY + KANKAR
V. FINE SAND
15.10m
CLAY + KANKAR
30.48m
FINE TO MEDIUM SAND + SANDSTONE
36.58
CLAY
42.07m
FINE SAND + KANKAR
49.00m
50.30m CLAY + KANKAR
V. FINE SAND
53.66m
CLAY + KANKAR
80.79m
CAVING CLAY
86.89
CLAY + KANKAR

5.94	0.15m ALL
5.93	
6.00	
5.95	
5.94	
0.94	30.55m ✓
4.50	34.55m
0.25	34.80m
4.77	(39.57m) 39.57m
5.92	2.00 47.69m
6.00	LOGGING REPORT.
2.40	30m - 35m
4.50	55.00 39m - 48m
5.85	4.50 55m - 61m
3.45	60.39 69m - 71m
6.00m	69.69m
5.95	70.49m
0	76.44m

1. Size of drilling depth 67.5m - 0 - 40m
55m - 40 - 103.50m
2. Drilling by depth Rig R.C. 600/27
3. Drilling started on 9.10.10
4. Drilling completed on 20.10.10
5. Date of lowring 22.10.10
6. Total housing pipe 300m - 30.70m
7. Total plain pipe 150m - 20.42m
8. Total slotted pipe 300m - 4.00m
150m - 13.22m
9. Size of assembly lowered 300mm x 150mm
10. size of drilling 67.5mm x 55mm
11. Static water level 7.75mb
12. Size of reducer 300mm x 150mm
13. Sounding after lowring 76.59m 76.59

103.50m.

Junior Engineer
III Conts. Divi (E/M)
U.P. Jal Nigam Faizabad

(SANTOSH KUMAR)
Asisstant Engineer
III Conts. Divi (E/M)
U.P. Jal Nigam Faizabad

(A.K. Saxena)
Executive Engineer
III Conts. Divi (E/M)
U.P. Jal Nigam Faizabad



GRAM :- JAL NIGAM

Phone:- 0522 – 2220173, 2220272

UTTAR PRADESH JAL NIGAM

Ref :-

Dated :- 20/10/10

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Bharithua
2. District:- Sultanpur
3. Dt. Of logging:- 20.10.10
4. Drilled depth(as reported):- 99.00 m bgl
5. Logged depth:- 85.00 m bgl
6. Logger no.:- 6095
7. Based on the geophysical log interpretation following granular zones may be deciphered, particularly with respect to salinity of the formation water.

[illegible]

S. Sabar
(Sabar)

Senior ~~Geophysicist~~

C.C.

1. Manager (Ground Water), U.P. Jal Nigam, Lucknow.
2. ~~E.E., III & IV (E/P), U.P. Jal Nigam, Lucknow~~ for information and necessary action.

[Signature]
Physicist

Senior, ~~Geophysicist~~

OFFICE OF THE EXECUTIVE ENGINEER, IIIRD CONSTRUCTION KHAND (E/M), U.P. JAL NIGAM, FAIZABAD

TEST REPORT OF T.W DEVELOPMENT BY 250 P.S.I. COMPRESSOR

1	Name of T.W.	: BHARTHUA	5	Discharge measured by 90° V'-notch Tank	
2	Name of Scheme	: XII FIN. AYO	6	Static Water Level	: 82.5 M
3	Name of District	: SULTANPUR.	7	Sounding Before Development	: 70.25 M
4	Date of Test.	: 25.02.11	8	Sounding After Development	: 75.90 M

Sl. No.	Air line lowered in Mtr.	Pressure in Kg/cm ²		Depression		Discharge through 90° 'V'-notch		Sand contents in P.P.M							Remark	
		Starting	Running	In kg/cm ²	In mtr.	In cms/inch	In L.P.M.	Starting	After							
									5Min	10Min	15Min	20Min	25Min	30Min		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1.	57.90 M	4.20 kg/cm ²	3.50 kg/cm ²	0.70 kg/cm ²	7.00 M	18.75/7 1/2 cm / inch	1346 LPM	8000	2500	1600	1300	900	700	400		

Note - Recommended for development by O.P. Unit

Test Conducted by


(P.K. Srivastav)
Junior Engineer


(Santosh Kumar)
Assistant Engineer

Seen


(A.K. Saxena)
Executive Engineer

(11)

OFFICE OF THE EXECUTIVE ENGINEER, IRRD CONSTRUCTION KHAND (F.M), U.P. JAL NIGAM FAIZABAD
YIELD TEST REPORT OF T.W BY 3 CU SEC O.P. UNIT

1. Name of T.W/Scheme- Bhanthua T.W
2. Name of Dist- Sultanpur
3. Size of Tube-well- 300mm x 150mm
4. Column Assembly Lowered- 21 m
5. Static water level- 7.65 m

6. Taste of water- Sweet
7. Air line lowered- 21 m
8. Sounding of Tubewell - 11:35m
9. Date of Testing- 18-3-11

S.NO	Discharge through 90° -V Notch tank		S.W.L in meters	R.W.L in meters	Depression in meters	Sand contents in P.P.M.									Remarks
						Inches	L.P.M.	Starting	5 Min.	10 Min.	15 Min.	20 Min.	25 Min.	30 Min.	
1.	7 $\frac{1}{4}$ "	1244	7.65	12.75	5.10	400	200	200	200	200	200	100	50		
2.	7"	1142	7.65	12.35	4.70	300	100	50	75	75	75	0	0		
3.	6 $\frac{3}{4}$ "	1035	7.65	12.10	4.45	100	0	0	0	0	0	0	0		

Note- Recommended Discharge/100 LPM at 4.45m Depression.

Test Conducted by

Ram Lalit
(Ram Lalit)
Junior Engineer
3rd const. division
(E.M) Faizabad

Santosh Kumar
(Santosh Kumar)
Asst. Engineer
3rd const division
(E/AD) Faizabad

Seen
(A.K. Savana)
Executive Engineer