

Date = 05/07/23

### Proposed Assembly Chart

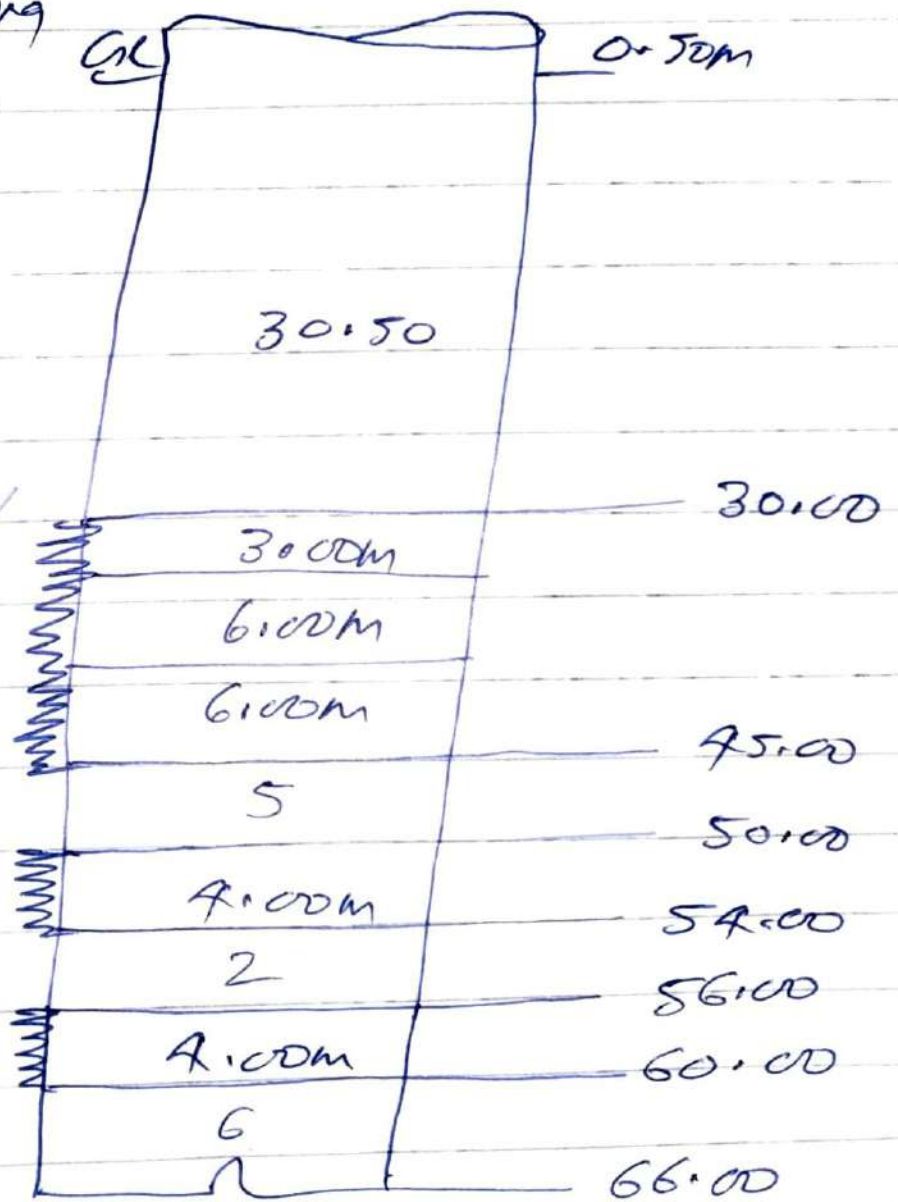
As per DPR Bharpur Pichhawan / Tarapur

Discharge = 910 LPM

Size = 300 x 150 mm

Slotted = 36 m

Assembly Size  
300 x 300 mm





# Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow – 226001

Mob. 9918202546 / 9889323322, Email-aquaxploreko@gmail.com

Advisor- Dr. R. A. Yadav, ex- Manager(Groundwater), U. P. Jal Nigam

Ref 705 - BP / AX - 2023

Date 05.07.2023

## Geophysical Borehole Logging Report

Name of the site : Bharpur Pichhavar, Block – Tarwa

District : Azamgarh

Date : 05.07.2023

Depth logged : 130.0 mbgl

Depth drilled : 200.0 mbgl – as reported

Logger used : UPTRON make

Presence : Representative of M/S GAJA-SGIPL(JV), Azamgarh

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water;

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	15.0–20.0	5.0	Good all
2	30.0–45.0	15.0	
3	50.0–54.0	4.0	
4	56.0–60.0	4.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 63.0 mbgl till depth logged.  
Sl. No. 3 is fine sand.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

State Water Sanitation Mission (SWSM)

**ESTIMATE FOR  
BHARPUR PICHHWAR & DANDAWAL GROUP OF PANCHAYAT'S WATER SUPPLY SCHEME  
UNDER -JJM  
BLOCK- TARWAN, DISTRICT- AZAMGARH  
Estimate of Cost of Tubewell construction**

Discharge 910 LPM  
Head 56 M  
Drilling Depth of Tube well 200 M  
Lowering of Tube well 180 M  
Size of Tube well 300 x 150 mm

Sl No.	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount	Remarks
1	DC/RC Drilling including Hiring Transportation, Erection, Dismantling with Loading and unloading of Rig and associated T&P complete in all respect including required all material labour & T&P etc.									As per BPP.
1.1	DC/RC Drilling up to 100Mtr.									
1.1.1	600 MMD					60	2,796.21	Rmt	1,67,772.38	
1.1.2	450 MMD					40	2,448.06	Rmt	97,922.59	
1.2	DC/RC Drilling from 101 MT. To 200 Mtr. Deep									
1.2.1	450 MMD					100	2,766.85	Rmt	2,76,685.02	
1.2.2	Development / Flushing of tubewell						2,887.82	Has	-	
1.3	DC/RC Drilling from 201 MT. To 300 Mtr. Deep									
1.3.1	450 MMD						3,150.13	Rmt	-	
1.4	Tube Well Assembly									
	MISERW plain pipe As per IS 4270									
1.4.1	300 MMD					54	3,972.24	Rmt	2,14,555.07	
1.4.2	150 MMD					90	1,991.60	Rmt	1,79,244.00	
	MISERW Pipe slotted pipe as per IS 8110									
1.4.3	300 MMD					0	5,683.48	Rmt	-	
1.4.4	150 MMD					36	3,057.06	Rmt	1,10,414.30	
1.5	MS Fittings such as clamp, ball plug, reducer, well cap, girder & support structure									
	MS Ring-									
1.5.1	300 mm Ø MS Ring made by 175 mm x 16 mm Flat					10	2,061.31	No.	20,613.06	
1.5.2	150 mm Ø MS Ring made by 150 mm x 12 mm Flat					22	1,264.67	No.	27,822.65	
	MS Ball plug As per IS 2800									
1.5.3	150 mm Ø M.S. Ball Plug					1	1,717.76	No.	1,717.76	