

Date - 18/05/23

No.

Date

Proposed Assembly Chart

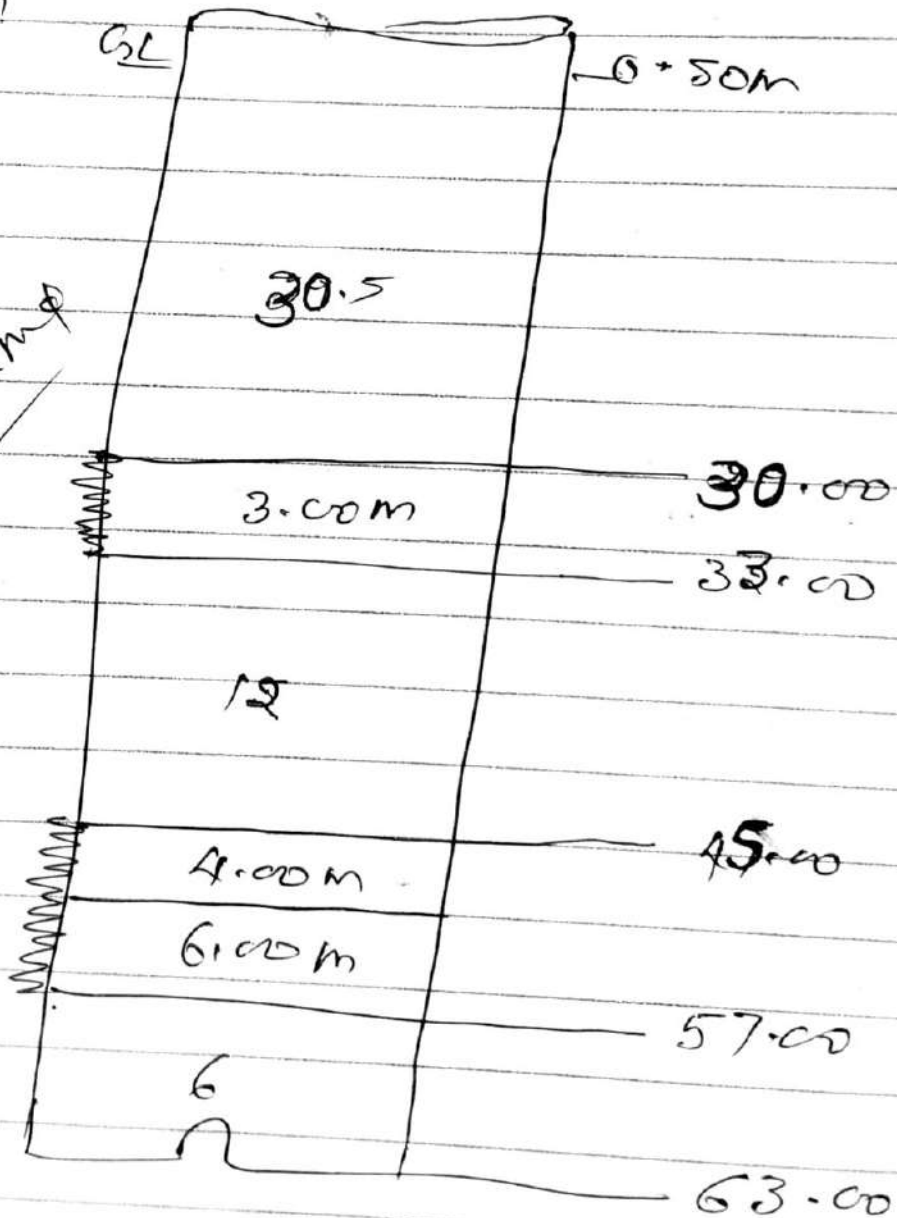
As per DPR. Bhitri / Tarwa

Discharge = 450 LPM

Size = 200 x 150 mm ϕ

Slotted = 18 m

~~Assy Size~~
• 200 x 200 mm ϕ





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 516 -BT / AX - 2023

Date 16.05.2023

Geophysical Borehole Logging Report

Name of the site : Bhiti, Block - Tarwa

District : Azamgarh

Date : 16.05.2023

Depth logged : 170.0 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	22.0---32.0	10.0	Good (1 & 2)
2	47.0---57.0	10.0	
3	60.0---65.0	5.0	
4	70.0---80.0	10.0	Moderate (3 & 4)

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 85.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

**ESTIMATE FOR
BHITI GRAM PANCHAYAT WATER SUPPLY SCHEME
UNDER - JJM
BLOCK- TARWAN, DISTRICT- AZAMGARH
Estimate of Cost of Tubewell construction**

Discharge 450 LPM
Head 50 M
Drilling Depth of Tube well 200 M
Lowering of Tube well 180 M
Size of Tube well 200 x 150 mm

Sl No.	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount	Remarks
1	DC/RC Drilling including Hiring Transportaion, 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 RFP.
1.1	DC/RC Drilling up to 100Mtr.									
1.1.1	500 MMØ					60	2,709.57	Rmt	1,62,574.31	
1.1.2	450 MMØ					40	2,448.06	Rmt	97,922.59	
1.2	DC/RC Drilling from 101 MT. To 200 Mtr.Deep									
1.2.1	450 MMØ									
1.2.2	Development / Flushing of tubewell					90-100	2,766.85	Rmt	2,76,685.02	249016.50
1.3	DC/RC Drilling from 201 MT. To 300 Mtr.Deep						2,887.82	Hrs	-	
1.3.1	450 MMØ									
1.4	Tube Well Assembly						3,150.13	Rmt	-	
	MSERW plain pipe As per IS 4270									
1.4.1	200 MMØ					54	2,539.29	Rmt	1,37,121.66	
1.4.2	150 MMØ					108	1,991.60	Rmt	2,15,092.80	
	MSERW Pipe slotted pipe as per IS 8110									
1.4.3	200 MMØ					0	3,817.70	Rmt	-	
1.4.4	150 MMØ					18	3,067.06	Rmt	55,207.15	
1.5	MS fittings such as clamp, ball plug, reducer, well cap, girder & support structure									
	MS Ring-									
1.5.1	200 mm Ø MS. Ring made by 150 mm x 12 mm Flat					10	1,593.28	No.	15,932.80	
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	