



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 407 - J / AX - 2023

Date 07.04.2023

## Geophysical Borehole Logging Report

Name of the site : Jameerpur, Block – Tarwa

District : Azamgarh

Date : 07.04.2023

Depth logged : 180.0 mbgl

Depth drilled : 190.0 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	25.0–40.0	15.0	Good (1,2)
2	50.0–57.0	7.0	
3	87.0–97.0	10.0	Moderate to
4	105.0–120.0	15.0	marginal (3,4)

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 123.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

**ESTIMATE FOR  
JAMERPUR URF BOORHANPUR & BHAGWANPUR GROUP OF PANCHAYAT'S WATER SUPPLY SCHEME  
UNDER - JJM  
BLOCK- TARWAN, DISTRICT- AZAMGARH  
Estimate of Cost of Tubewell construction**

Sl.No.	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount	Remarks
	Discharge 880 LPM Head 49 M Drilling Depth of Tube well 200 M Lowering of Tube well 180 M Size of Tube well 300 x 150 mm									
<b>1</b>	<b>DC/RC Drilling including Hiring Transportation, Erection, Dismantling with Loading and unloading of Rig and associated T&amp;P complete in all respect including required all material labour &amp; T&amp;P etc.</b>									As per RFP
1.1	DC/RC Drilling up to 100Mtr.									
1.1.1	600 MMØ					60	2,796.21	Rmt	1,67,772.38	
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					100	2,766.85	Rmt	2,76,685.02	
1.2.1	450 MMØ						2,887.82	Hrs	-	
1.2.2	Development / Flushing of tubewell									
1.3	DC/RC Drilling from 201 MT. To 300 Mtr.Deep									
1.3.1	450 MMØ						3,150.13	Rmt	-	
1.4	Tube Well Assembly									
	MISERW plain pipe As per IS 4270									
1.4.1	300 MMØ					54	3,973.24	Rmt	2,14,555.07	
1.4.2	150 MMØ					90	1,991.60	Rmt	1,79,244.00	
	MISERW Pipe slotted pipe as per IS 8110									
1.4.3	300 MMØ					0	5,683.48	Rmt	-	
1.4.4	150 MMØ					36	3,067.06	Rmt	1,10,414.30	
1.5	MS fittings such as clamps, bail plug, reducer, well cap, girder & support structure									
	MS Ring-									
1.5.1	300 mm O.MS Ring made by 175 mm x 16 mm Flat					10	2,061.31	No.	20,613.06	
1.5.2	150 mm O.MS Ring made by 150 mm x 12 mm Flat					22	1,264.67	No.	27,822.65	
	MS Bail plug As per IS 2800									
1.5.3	150 mm Ø M.S. Bail Plug					1	1,717.76	No.	1,717.76	

2018

G.P. - Jameerapur.

Block - Tarwa.

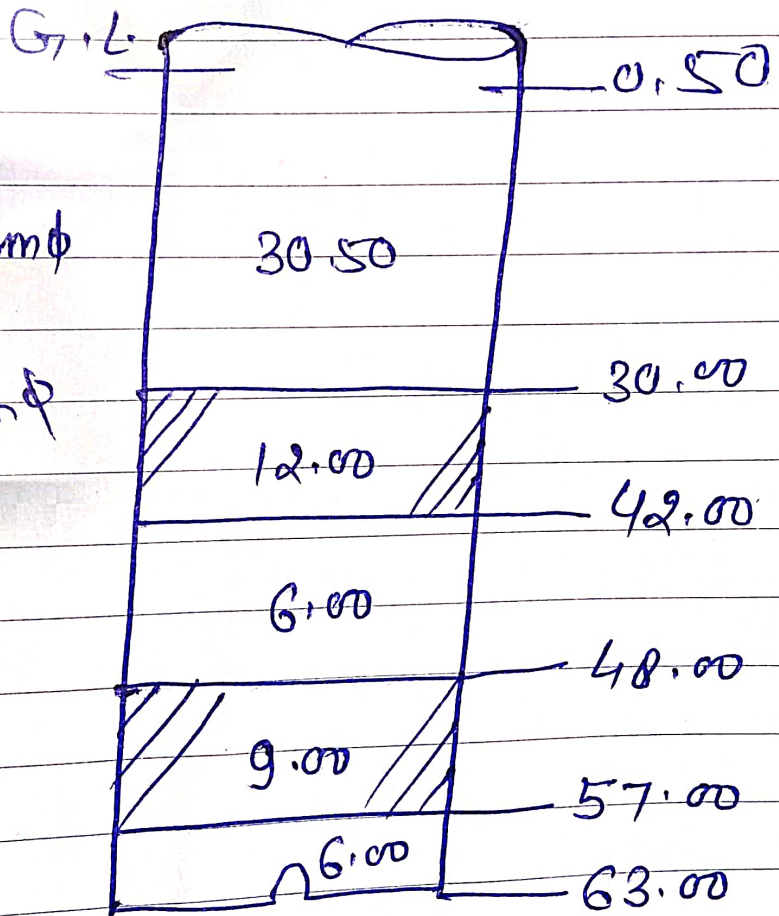
DA

Dis - 880 LPM

Size - (300 x 150) mm  $\phi$

SP - 36M

Ass' - (300 x 300) mm  $\phi$



SA

DAY 17