



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 316 - L / AX - 2023

Date 16.03.2023

## Geophysical Borehole Logging Report

Name of the site : Lalmau, Block – Tarwa  
District : Azamgarh  
Date : 16.03.2023  
Depth logged : 80.0 mbgl  
Depth drilled : 100.0 mbgl – as reported  
Logger used : UPTRON make  
Presence : Representative of M/S Hetvi Construction LLP, 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--32.0	7.0	Good all
2	47.0--57.0	10.0	
3	69.0--79.0	10.0	

Note. All zones are intermixed with kankar.

for Aqua Xplore

CC;

M/S Hetvi Construction LLP, Azamgarh

**ESTIMATE FOR  
LALMAU GRAM PANCHAYAT WATER SUPPLY SCHEME  
UNDER - JJM**

**BLOCK- TARWAN, DISTRICT- AZAMGARH**

Estimate of Cost of Tube well construction

Sl No.	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount	Remarks
	Discharge 690 LPM Head 42 M Drilling Depth of Tube well 200 M Lowering of Tube well 180 M Size of Tube well 300 x 150 mm									
1	DC/RC Drilling including Hiring Transporation, 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 RTP.
1.1	DC/RC Drilling up to 100Mtr.									
1.1.1	500 MMØ					60	2,796.21	Rent	1,67,772.38	
1.1.2	450 MMØ					40	2,448.06	Rent	97,922.59	
1.2	DC/RC Drilling from 101 MT. To 200 Mtr. Deep									
1.2.1	450 MMØ					100	2,766.85	Rent	2,76,685.02	219016.50
1.2.2	Development, Fishing of tubewell						2,887.82	Hrs	-	
1.3	DC/RC Drilling from 201 MT. To 300 Mtr. Deep									
1.3.1	450 MMØ						3,150.13	Rent	-	
1.4	Tube Well Assembly									
	MSERW plain pipe As per IS 4270									
1.4.1	300 MMØ					54	3,973.24	Rent	2,14,555.07	
1.4.2	150 MMØ					102	1,991.60	Rent	2,03,143.20	
	MSERW Pipe domed pipe as per IS 8110									
1.4.3	300 MMØ					9	5,683.48	Rent	-	
1.4.4	150 MMØ					24	1,067.06	Rent	25,609.54	
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	

Bisch - 6901PM

Sitz - 300x150 mm

SP - 24 m

Lalmaq als scheng ~~form~~

Di. \_\_\_\_\_

Pa. \_\_\_\_\_

