

Date = 27/04/23

Proposed Assy Size

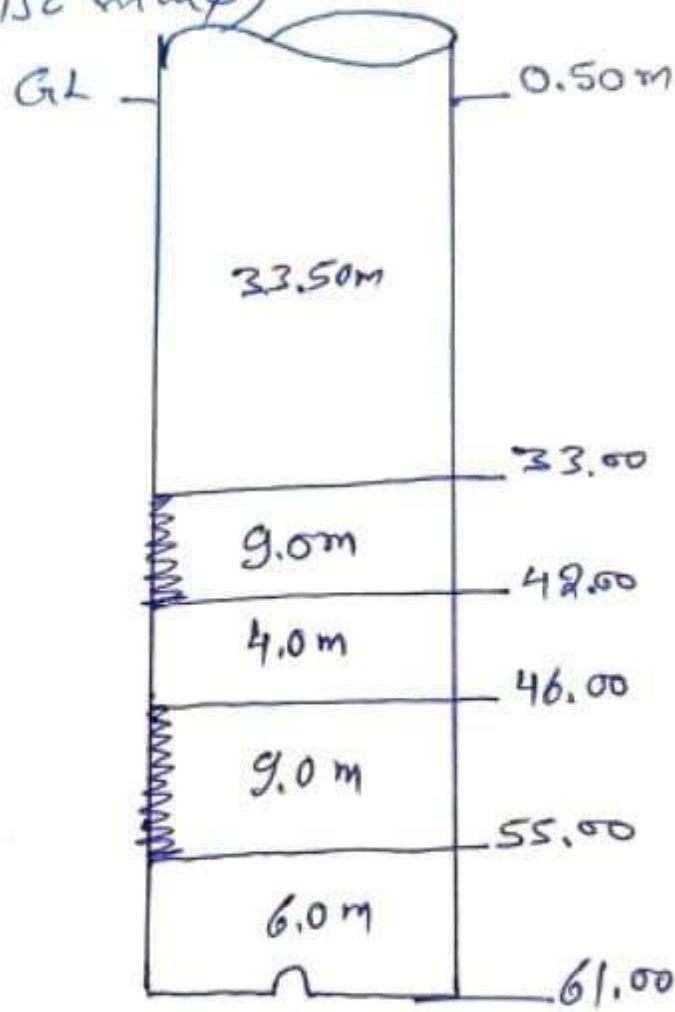
Ayehtra / Lalganj

Discharge = 760 LPM

Size = 300 x 150 mm ϕ

Slotted = 30 m (150 mm ϕ)

Assembly Size
300 x 300 mm ϕ





Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref 426 - A / AX - 2023

Date 26.04.2023

Geophysical Borehole Logging Report

Name of the site : Agehta, Block – Lalganj

District : Azamgarh

Date : 26.04.2023

Depth logged : 180.0 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	25.0–32.0	7.0	Good all
2	48.0–55.0	7.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 60.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

**SIKROURA & AGEHTA GROUP OF PANCHAYAT'S WATER SUPPLY SCHEME
UNDER - JJM
BLOCK-LALGANI, DISTRICT- AZAMGARH
Estimate of Cost of Tubewell construction**

Discharge 760 LPM
Head 44 M
Drilling Depth of Tube well 275 M
Lowering of Tube well 250 M
Size of Tube well 300 x 150 mm

Sl No.	Item of work	No.	L	B	ILD	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 RFP
1.1	DC/RC Drilling up to 100Mtr.					60	2,796.21	Rate	1,67,772.38	
1.1.1	600 MMØ					40	2,418.06	Rate	97,022.50	
1.1.2	450 MMØ									
1.2	DC/RC Drilling from 101 ME. To 200 Mtr.Depth					100	2,766.85	Rate	2,76,685.02	
1.2.1	600 MMØ						2,897.82	Hrs	-	
1.2.2	Development / Flushing of tubewell									
1.3	DC/RC Drilling from 201 ME. To 300 Mtr.Depth					20-95	3,110.13	Rate	2,36,260.02	
1.3.1	450 MMØ									
1.4	Tube Well Assembly									
	MSERW plain pipe As per IS 4270					54	3,073.24	Rate	2,14,555.67	
1.4.1	300 MMØ					166	1,991.60	Rate	3,30,605.60	
1.4.2	150 MMØ									
	MSERW Pipe slotted pipe as per IS 8119					0	5,683.48	Rate	-	
1.4.3	300 MMØ					30	3,097.06	Rate	92,011.92	
1.4.4	150 MMØ									
1.5	MIS fittings such as clamp, ball plug, reducer, well cap, glands & support structure									
	20K Ring					10	2,051.31	No	20,513.06	
1.5.1	700 mm Ø MS Ring made by 175 mm x 16 mm Flat					34	1,254.67	No	42,998.64	
1.5.2	150 mm Ø MS Ring made by 130 mm x 12 mm Flat									
	MS Ball plug As per IS 2800					1	1,717.76	No	1,717.76	
1.5.3	150 mm Ø M.S. Ball Plug									