

Date = 11/06/23

Proposed Assembly Chart. Airta Bajung / Tawua

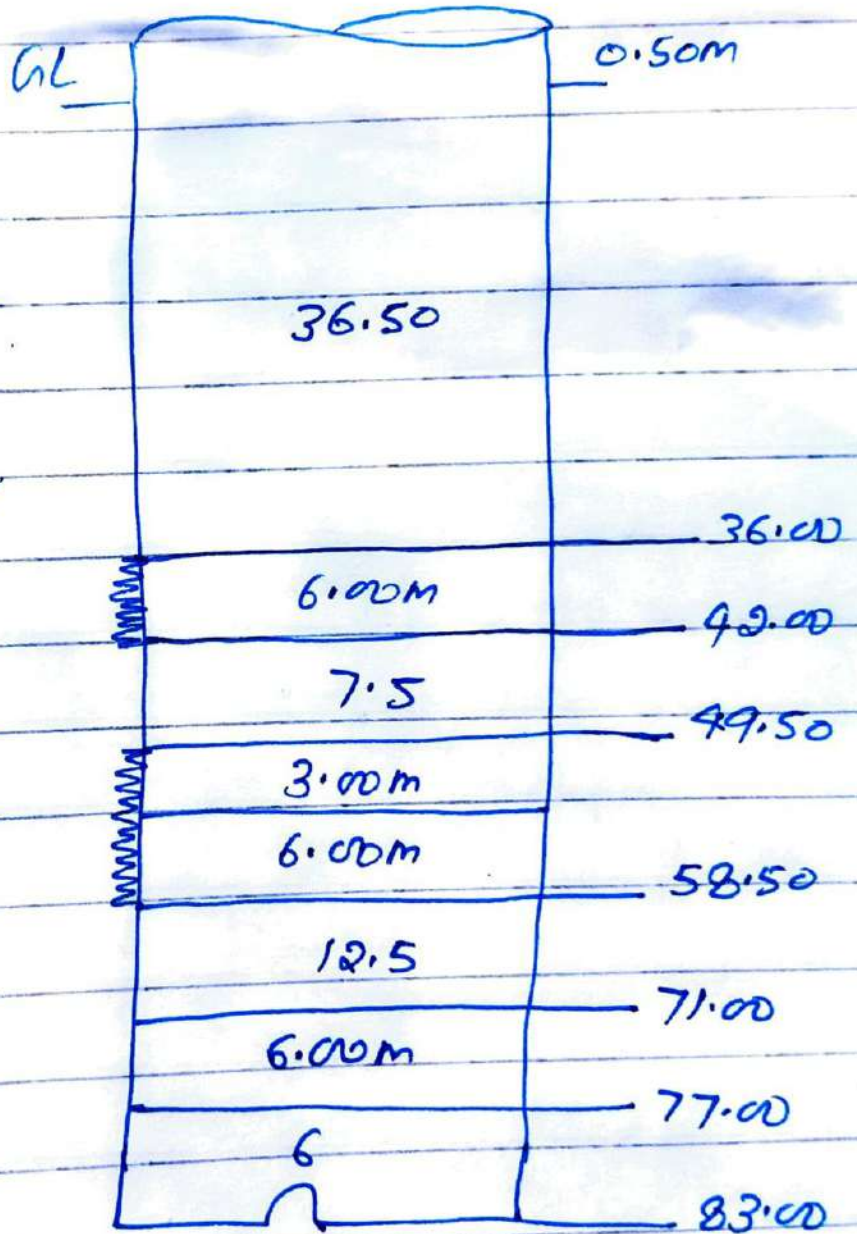
As per DPR:

Discharge = 1170 LPM

Slotted = 36M

Size = 300 X 150 mmφ

Assembly Size
300 X 300 mmφ





Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref 610 -A/ AX- 2023

Date 10.06.2023

Geophysical Borehole Logging Report

Name of the site : Airabujurg, Block – Tarwa

District : Azamgarh

Date : 10.06.2023

Depth logged : 184.0 mbgl

Depth drilled : 200.0 mbgl – as reported

Logger used : Robertson 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—30.0	8.0	Good all
2	36.0—42.0	6.0	
3	50.0—58.0	8.0	
4	72.0—76.0	4.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 86.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

State Water Sanitation Mission (SWSM)
ESTIMATE FOR
AIRA BUJURG & HASANPUR GROUP OF PANCHAYAT'S WATER SUPPLY SCHEME
UNDER - JJM
BLOCK-TARWAN, DISTRICT-AZAMGARH
Estimate of Cost of Tubewell construction

Discharge: 1170 LPM
 Head: 51 M
 Drilling Depth of Tube well: 200 M
 Lowering of Tube well: 140 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	DCWC Drilling including lifting 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	DCWC Drilling up to 100Mtr.					60	2,796.21	Rent	1,67,772.38	
1.1.1	300 MMØ					40	3,448.06	Rent	97,922.59	
1.1.2	450 MMØ									
1.2	DCWC Drilling from 101 MT. To 200 Mtr. Deep					100	2,766.85	Rent	2,76,685.02	
1.2.1	450 MMØ						2,887.82	Hrs	-	
1.3	DCWC Drilling from 201 MT. To 300 Mtr. Deep									
1.3.1	450 MMØ						3,150.13	Rent	-	
1.4	Tube Well Assembly									
	MSE/RW plain pipe As per IS 4278									
1.4.1	300 MMØ					54	3,972.24	Rent	2,14,555.07	
1.4.2	150 MMØ					90	1,991.60	Rent	1,79,244.00	
	MSE/RW Pipe slotted pipe as per IS 8110									
1.4.3	300 MMØ					0	5,683.48	Rent	-	
1.4.4	150 MMØ					36	3,067.08	Rent	1,10,414.30	
1.5	MS Gings such as clamp, ball plug, reticor, well cap, gleser & support structure									
	MS Ring:									
1.5.1	300 mm Ø MS Ring made by 173 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. MS ball Plug					1	1,717.76	No.	1,717.76	