

Date - 27/04/23

No.

Date

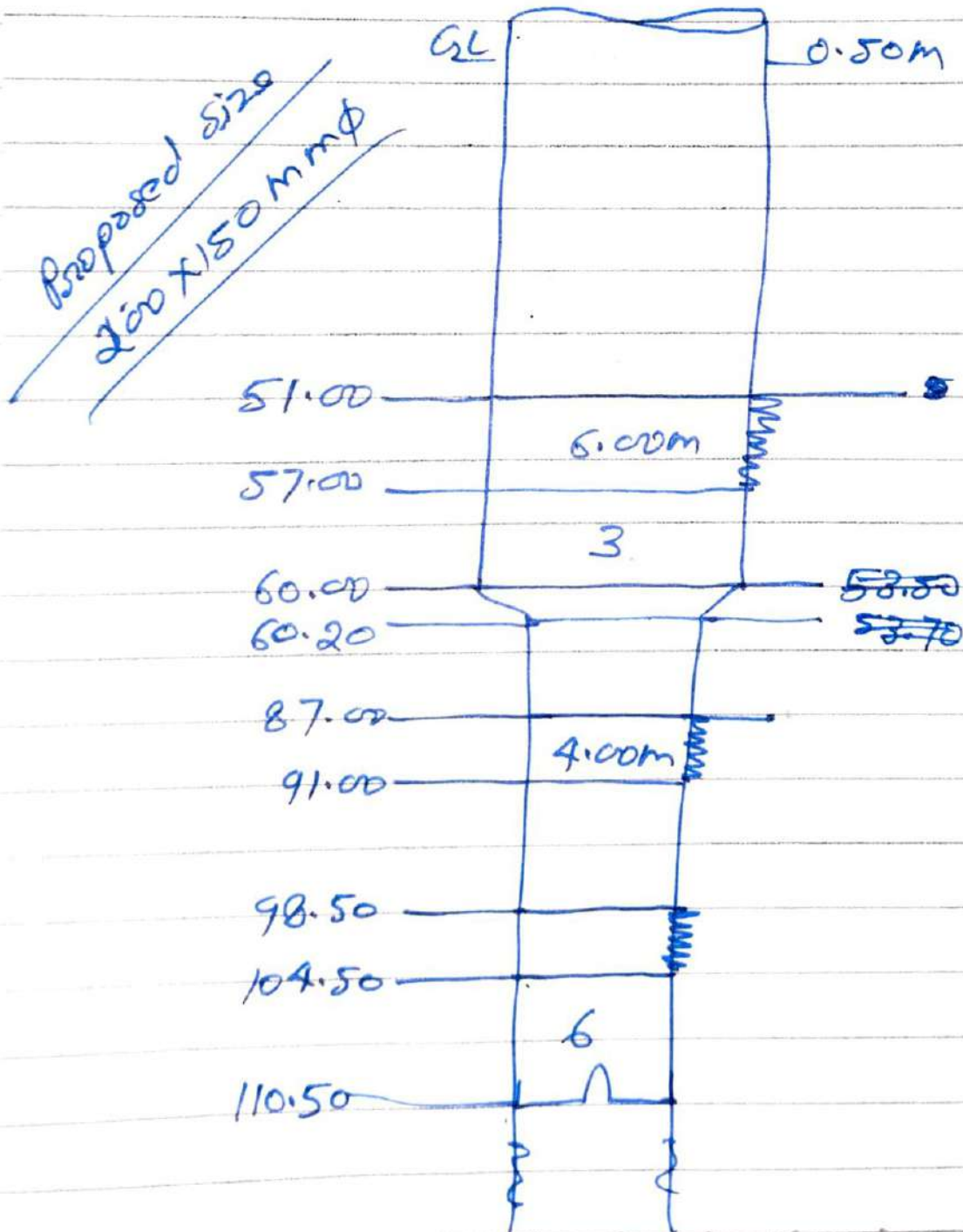
Proposed Assembly chart

Chaubah / Tarwq

Discharge = 430 LPM

Size = 200 x 150 mm ϕ

Slotted = 18 m





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 426 - C/ AX - 2023

Date 26.04.2023

Geophysical Borehole Logging Report

Name of the site : Chaubah, Block – Tarwa

District : Azamgarh

Date : 26.04.2023

Depth logged : 150.0 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	50.0–57.0	7.0	
3	87.0–91.0	4.0	
4	98.0–105.0	7.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 110.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

ESTIMATE FOR
 CHAUWAH GRAM PANCHAYAT WATER SUPPLY SCHEME
 UNDER - JIM
 BLOCK- TARWAN, DISTRICT- AZAMGARH
 Estimate of Cost of Tubewell construction

Discharge 430 LPM
 Head 43 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	HD	Qty	Rate	Unit	Amount	Remarks
1	DCRC 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	DCRC Drilling up to 100Mtr.					60	2,709.57	Rm	1,62,574.31	
1.1.1	500 MMØ					40	2,448.06	Rm	97,922.59	
1.1.2	450 MMØ									
1.2	DCRC Drilling from 101 MT. To 200 Mtr. Deep					96 100	2,766.85	Rm	2,76,685.02	2490/6.50
1.2.1	450 MMØ									
1.2.2	Development - Flushing of tubewell						2,887.32	Hrs	-	
1.3	Tube Well Assembly									
	MSERW plain pipe As per IS 4270					54	2,539.29	Rm	1,37,121.66	
1.3.1	200 MMØ					108	1,991.60	Rm	2,15,092.80	
1.3.2	150 MMØ									
	MSERW Pipe slotted pipe as per IS 8110					8	3,817.70	Rm	-	
1.3.3	200 MMØ					18	3,067.06	Rm	55,207.15	
1.3.4	150 MMØ									
1.4	MS fittings such as clamp, ball plug, reducer, well cap, girder & support structure									
	MS Ring-					10	1,593.28	No.	15,932.80	
1.4.1	200 mm Ø MS Ring made by 150 mm x 12 mm Flat					22	1,264.67	No.	27,822.68	
1.4.2	150 mm Ø MS Ring made by 150 mm x 12 mm Flat									
	MS Ball plug As per IS 2800					1	1,717.76	No.	1,717.76	
1.4.3	150 mm Ø MS Ball Plug									