

Date = 11/05/23

No.

Date

Proposed Assembly Chart

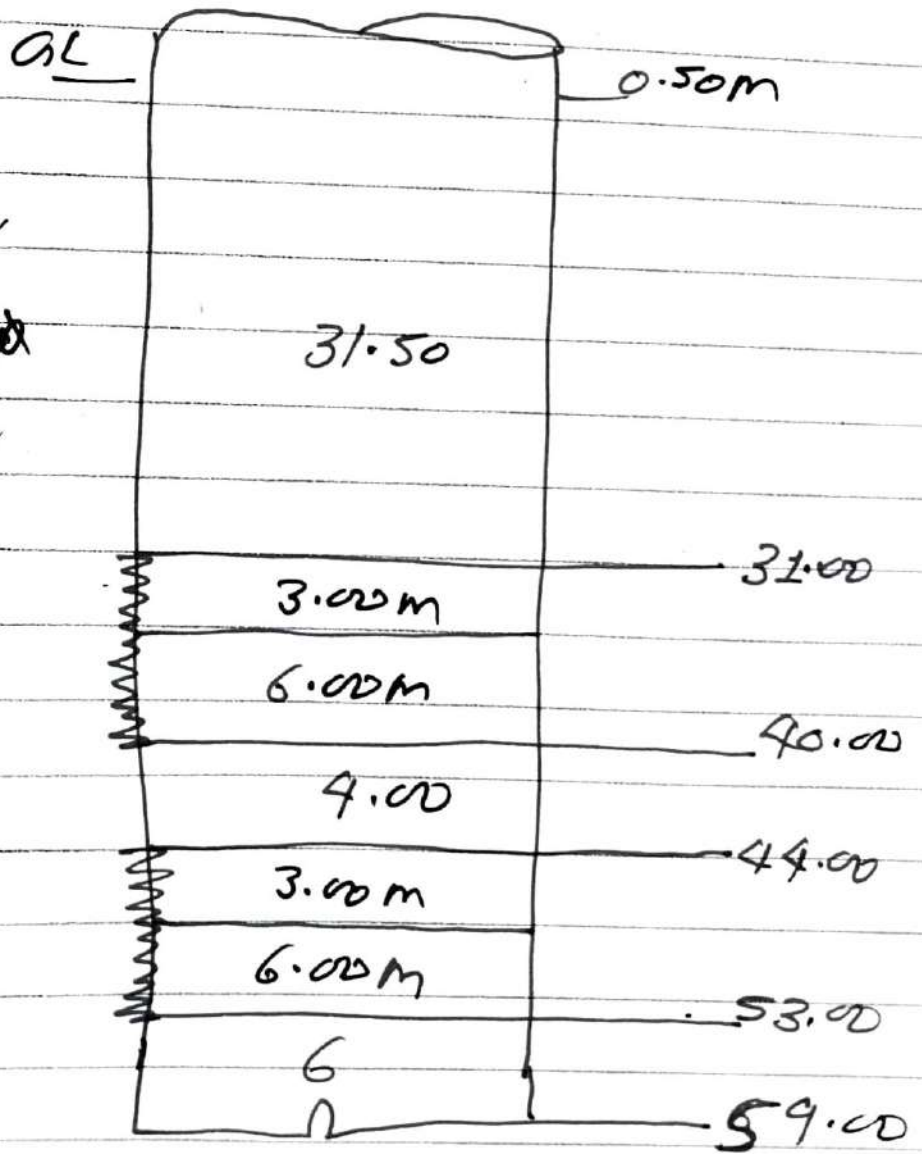
As per DPR Duriyapur Newada / Tarwa

Discharge = 620 LPM

Size = 300 x 150 mm ϕ

Spaced = 24m

Assembly Size
300 x 300 mm ϕ





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 510 - DN / AX - 2023

Date 10.05.2023

Geophysical Borehole Logging Report

Name of the site : Dariyapur Newada Rbr, Block – Tarwa

District : Azamgarh

Date : 10.05.2023

Depth logged : 125.0 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	20.0–25.0	5.0	Marginal all
2	27.0–32.0	5.0	
3	34.0–40.0	6.0	
4	46.0–53.0	7.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 55.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

**ESTIMATE FOR
DARIYAPUR NEVADA & CHILUPUR GROUP OF PANCHAYAT'S WATER SUPPLY SCHEME
UNDER - JIM
BLOCK- TARWAN, DISTRICT- AZAMGARH
Estimate of Cost of Tubewell construction**

Discharge 620 LPM
Head 44 M
Drilling Depth of Tube well 200 M
Lowering of Tube well 180 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	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 180Mtr.									
1.1.1	600 MMSD					60	2,796.21	Rmt	1,67,772.38	
1.1.2	450 MMSD					40	2,448.06	Rmt	97,922.59	
1.2	DCRC Drilling from 181 MT. To 200 Mtr. Deep									
1.2.1	450 MMSD									
1.2.2	Development / Finishing of tubewell					175-180	2,766.85	Rmt	2,76,685.02	2,97,016.10
1.3	DCRC Drilling from 201 MT. To 300 Mtr. Deep									
1.3.1	450 MMSD									
1.4	Tube Well Assembly									
	MSERW plain pipe As per IS 4270									
1.4.1	300 MMSD					54	3,973.24	Rmt	2,14,555.07	
1.4.2	150 MMSD					102	1,971.60	Rmt	2,03,143.20	
	MSERW Pipe slotted pipe as per IS 8110									
1.4.3	300 MMSD					0	5,683.48	Rmt	-	
1.4.4	150 MMSD					24	3,067.05	Rmt	73,609.54	
1.5	MS fittings such as clamp, ball 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	2,051.31	No.	20,513.66	
1.5.2	150 mm O MS. Ring made by 100 mm x 12 mm Flat					22	1,264.67	No.	27,822.65	
	MS Ball plug As per IS 2900									
1.5.3	150 mm O MS. Ball Plug					1	1,717.76	No.	1,717.76	