

Date - 26/06/23

Proposed Assembly Chart
Rastipur / Torwar

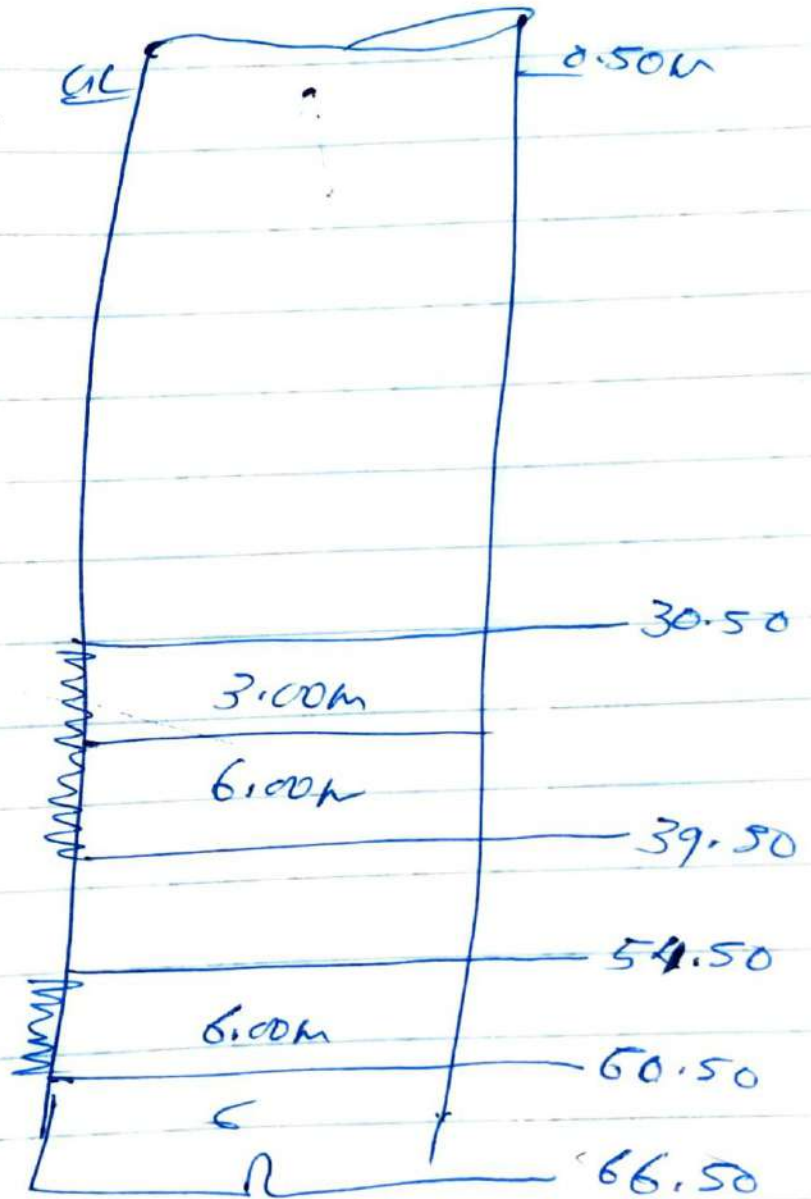
As per DPR

Discharge = 690 LPM

Size = 300 X 150 mm

Slotted = 29 m

~~Assembly done
300 X 300 mm~~





Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref 624 - R/ AX- 2023

Date 24.06.2023

Geophysical Borehole Logging Report

Name of the site : Rastipur, Block – Tarwa

District : Azamgarh

Date : 24.06.2023

Depth logged : 190.0 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--40.0	15.0	Good
2	55.0--60.0	5.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 66.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

**RASTIPUR GRAM PANCHAYAT WATER SUPPLY SCHEME
UNDER - JJM
BLOCK- TARWAN, DISTRICT- AZAMGARH
Estimate of Cost of Tubewell construction**

Discharge 690 LPM
Head 47 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	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 RTP.
1.1	DC/RC Drilling up to 100Mtr.					60	2,796.21	Rmt	1,67,772.38		
1.1.1	600 MMØ					40	2,448.06	Rmt	97,922.59		
1.1.2	450 MMØ										
1.2	DC/RC Drilling from 101 MT. To 200 Mtr.Deep										
1.2.1	450 MMØ										
1.2.2	Development - Flushing of tubewell										
1.3	DC/RC Drilling from 201 MT. To 300 Mtr.Deep										
1.3.1	450 MMØ										
1.4	Tube Well Assembly										
	MSERW plain pipe As per IS 4270										
1.4.1	200 MMØ					54	3,973.24	Rmt	2,14,555.07		
1.4.2	150 MMØ					102	1,991.60	Rmt	2,03,143.20		
	MSERW Pipe slotted pipe as per IS 8110										
1.4.3	100 MMØ					0	5,683.48	Rmt	-		
1.4.4	150 MMØ					24	3,067.06	Rmt	73,609.54		
1.5	MS fittings such as clamp, ball plug, reducer, well cap, girder & support structure										
	MS Ring										
1.5.1	100 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	1,294.67	No.	27,822.68		
	MS Ball plug As per IS 2300										
1.5.3	150 mm Ø M.S. Ball Plug					1	1,217.76	No.	1,217.76		

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