

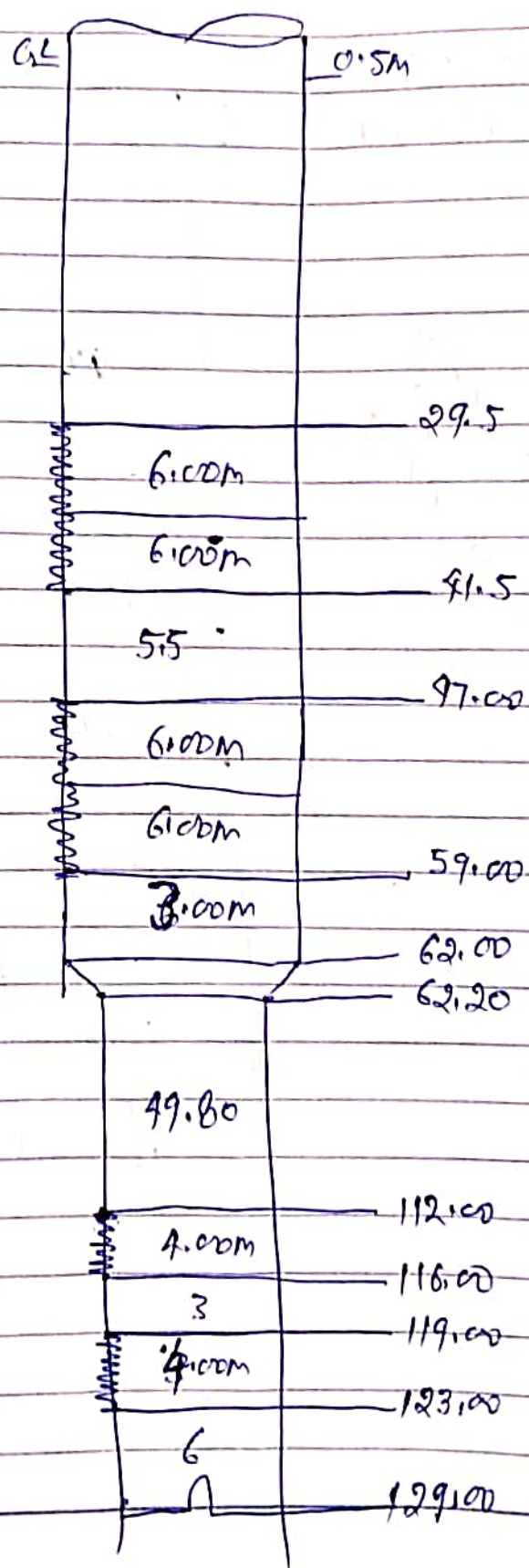
M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Date = 05/09/23  
2023

Proposed Assembly Chart

Saraya Tsilochon / Tarwa

Discharge = 900 LPM  
Size = 300 x 150 mm  
Slotted = 36 m





# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 403 - S/ AX- 2023

Date 03.04.2023

## Geophysical Borehole Logging Report

Name of the site : Saray Trilochan, Block - Tarwa

District : Azamgarh

Date : 03.04.2023

Depth logged : 165.0 mbgl

Depth drilled : 190.0 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	29.0--42.0	13.0	
2	46.0--60.0	14.0	Good (1,2,5,6)
3	70.0--75.0	5.0	Moderate (3)
4	87.0--91.0	4.0	Moderate to
5	112.0--116.0	4.0	marginal (4)
6	118.0--123.0	5.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 130.0 mbgl till depth logged. Sl. No. 2 is highly kankar intermixed.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

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

Discharge 900 LPM  
Head 49 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
<b>1</b>	<b>DC/RC Drilling including Hiring Transportalon, Erection, Dismantling with Loading and unloading of Rig and associated T&amp;P complete in all respect including required all material labour &amp; T&amp;P etc.</b>									<b>As per RFP.</b>
1.1	DC/RC Drilling up to 100Mtr.									
1.1.1	600 MMØ					60	2,796.21	Rmt	1,67,772.38	
1.1.2	450 MMØ					40	2,448.06	Rmt	97,922.59	
1.2	DC/RC Drilling from 101 MT. To 200 Mtr.Deep									
1.2.1	450 MMØ					100	2,766.85	Rmt	2,76,685.02	
1.2.2	Development / Flushing of tubewell						2,887.82	Hrs	-	
1.3	DC/RC Drilling from 201 MT. To 300 Mtr.Deep									
1.3.1	450 MMØ						3,150.13	Rmt	-	
1.4	Tube Well Assembly									
	MISERW plain pipe As per IS 4270								-	
1.4.1	300 MMØ					54	3,973.24	Rmt	2,14,555.07	
1.4.2	150 MMØ					90	1,991.60	Rmt	1,79,244.00	
	MISERW Pipe slotted pipe as per IS 8110									
1.4.3	300 MMØ					0	5,683.48	Rmt	-	
1.4.4	150 MMØ					36	3,067.06	Rmt	1,10,414.30	
1.5	MS fittings such as clamp, bail plug, reducer, well cap, girder & support structure									
	MS Ring-									
1.5.1	300 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	1,264.67	No.	27,822.65	
	MS Bail plug As per IS 2800									
1.5.3	150 mm Ø M.S. Bail Plug					1	1,717.76	No.	1,717.76	