

Proposed Assembly Chart

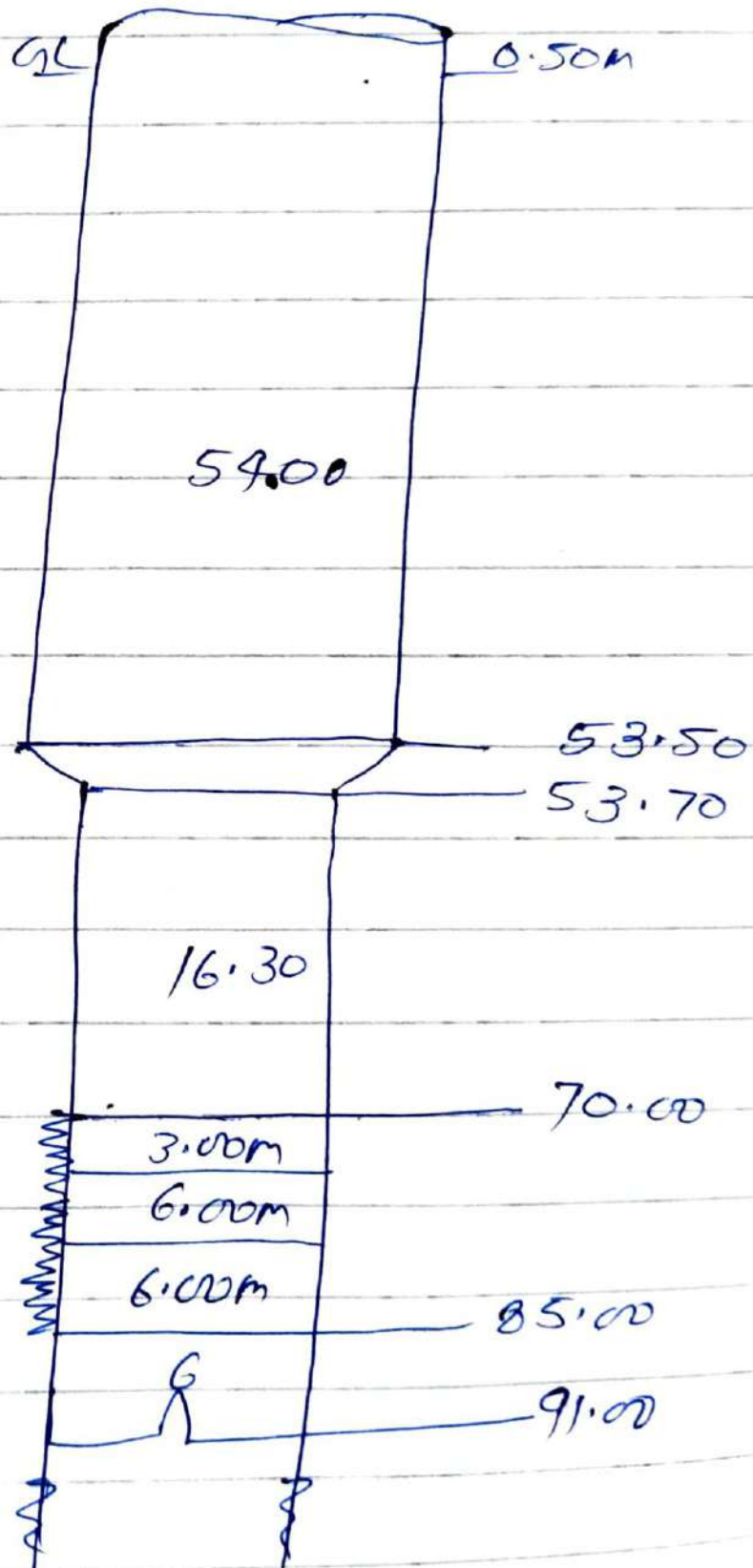
As per DPR. Mokalpur / Tarapur

Discharge = 540 LPM

Size = 200 x 150 mm ϕ

Slotted = 24m

Assembly Size
200 x 150 mm ϕ





Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 519 -MT / AX- 2023

Date 19.05.2023

Geophysical Borehole Logging Report

Name of the site : Mokalpur, Block – Tarwa

District : Azamgarh

Date : 19.05.2023

Depth logged : 152.0 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	25.0–35.0	10.0	Good (1,3)
2	50.0–58.0	8.0	Moderate (2)
3	70.0–85.0	15.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 92.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

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

Discharge 580 LPN
Head 45 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	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 XFP
1.1	DC/RC Drilling up to 100Mtr.									
1.1.1	500 MMØ					60	2,709.57	Rmt	1,62,574.31	
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	200 MMØ					54	2,519.29	Rmt	1,37,121.66	
1.4.2	150 MMØ					102	1,991.60	Rmt	2,03,143.20	
	MISERW Pipe slotted pipe as per IS 8110									
1.4.3	200 MMØ					8	3,817.70	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	200 mm Ø MS Ring made by 150 mm x 12 mm Flat					10	1,593.28	No.	15,932.80	
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 M.S. Ball Plug					1	1,717.76	No.	1,717.76	