

Date - 05/05/23

Proposed Assembly Chart

As per DPR

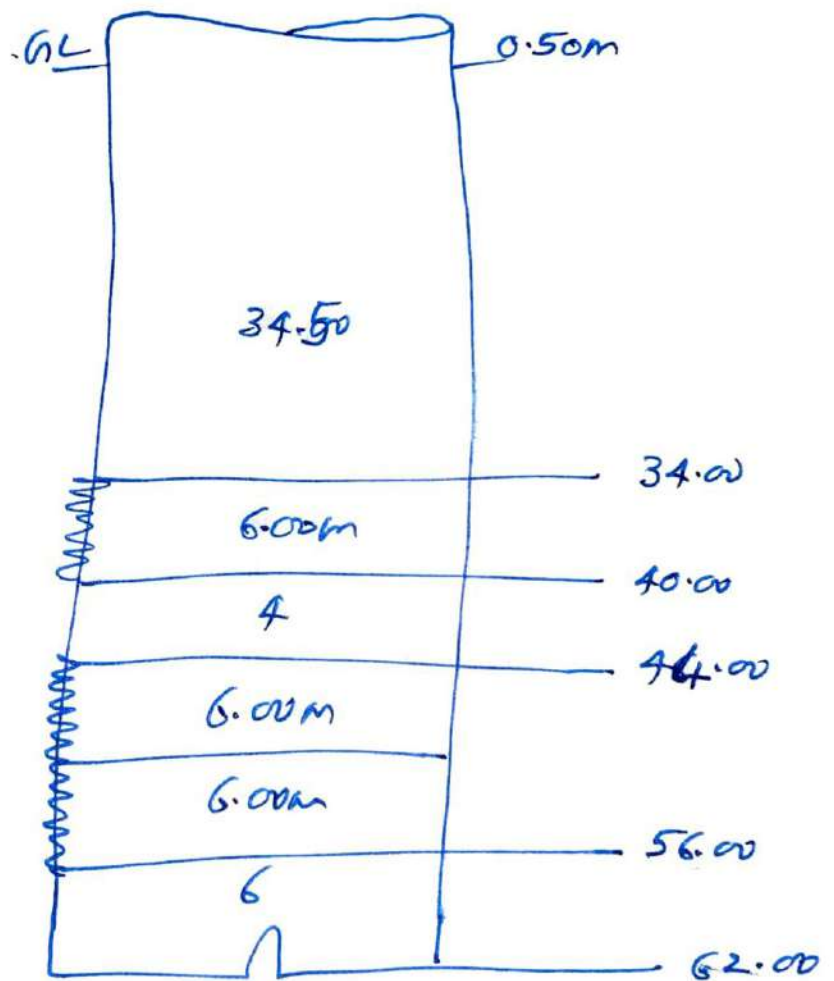
Madhopur Dharang / Lalganj

Discharge = 680 LPM

Size = 300 X 150 mm ϕ

Slatted = 24 m

Assembly Size
300 X 300 mm ϕ





Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 503 - M / AX - 2023

Date 03.05.2023

Geophysical Borehole Logging Report

Name of the site : Madhopur Dharang, Block – Lalganj
District : Azamgarh
Date : 03.05.2023
Depth logged : 195.0 mbgl
Depth drilled : 197.0 mbgl – as reported
Logger used : Robertson 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	26.0---30.0	4.0	Good (1,2,3)
2	34.0---40.0	6.0	
3	46.0---56.0	10.0	
4	64.0---68.0	4.0	Moderate to
5	70.0---75.0	5.0	marginal (4 & 5)

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 80.0 mbgl till depth logged. Sl.No. 1 is fine sand.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

ESTIMATE FOR
MADHOPUR DHARANG GRAM PANCHAYAT WATER SUPPLY SCHEME
UNDER - JJM
BLOCK- LALGANI, DISTRICT- AZAMGARH
Estimate of Cost of Tubewell construction

Discharge 680 LPM
Head 42 M
Drilling Depth of Tube well 275 M
Lowering of Tube well 250 M
Size of Tube well 300 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 assisted T&P complete in all respect including required all material labour & T&P etc.									As per BPP.
1.1	DCRC Drilling up to 100Mtr.									
1.1.1	600 MMD					60	2,796.21	Rmt	1,67,772.38	
1.1.2	450 MMD					40	2,448.06	Rmt	97,922.59	
1.2	DCRC Drilling from 101 MT. To 200 Mtr.Deep									
1.2.1	450 MMD					100	2,766.85	Rmt	2,76,685.02	
1.2.2	Development / Finishing of tubewell						2,867.82	Hrs	-	
1.3	DCRC Drilling from 201 MT. To 300 Mtr.Deep									
1.3.1	450 MMD					60	3,150.13	Rmt	1,89,007.80	
1.4	Tube Well Assembly									
	MSERW plain pipe As per IS 4270									
1.4.1	300 MMD					54	3,973.24	Rmt	2,14,555.07	
1.4.2	150 MMD					172	1,991.60	Rmt	3,42,555.20	
	MSERW Pipe slotted pipe as per IS 8110									
1.4.3	300 MMD					0	5,883.48	Rmt	-	
1.4.4	150 MMD					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	300 mm O MS. Ring made by 175 mm x 16 mm Flat					10	2,061.31	No.	20,613.06	
1.5.2	150 mm O MS. Ring made by 150 mm x 12 mm Flat					34	1,264.67	No.	42,998.64	
	MS Ball plug As per IS 2800									
1.5.3	150 mm O M.S. Ball Plug					1	1,717.76	No.	1,717.76	