

Date = 01/08/23

Proposed Assembly Chart

As per DPK

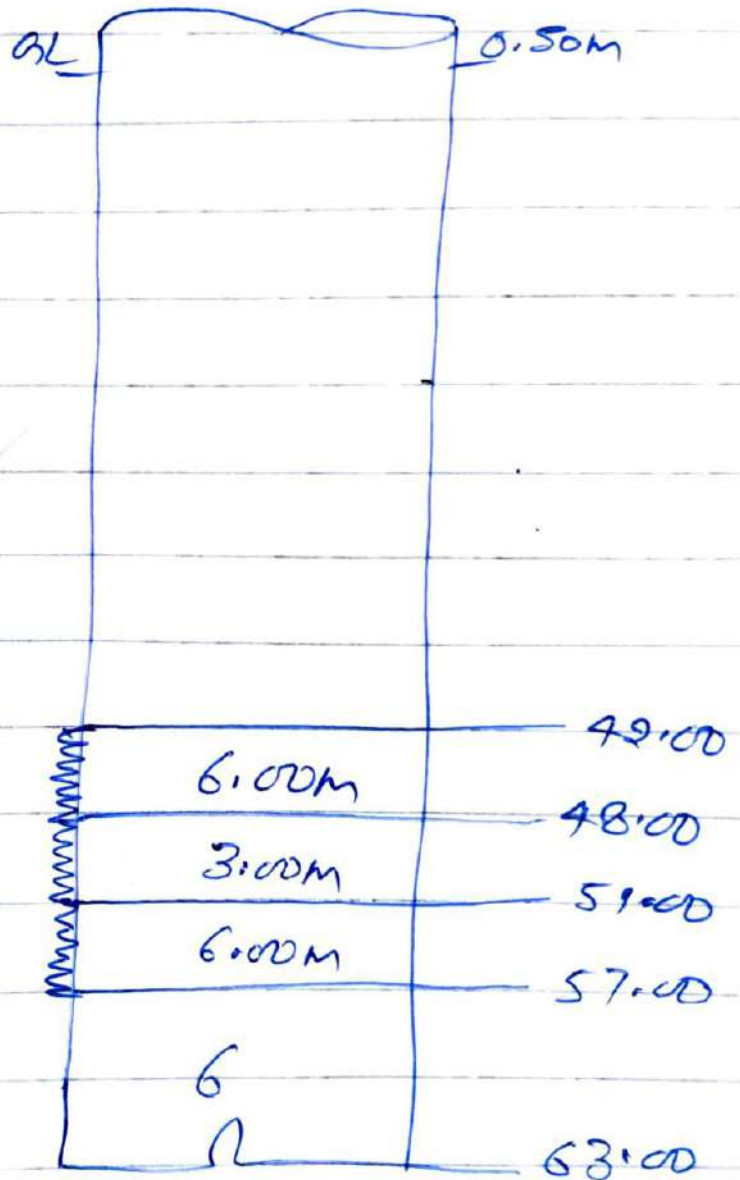
Malnapur / Lalgaonj

Discharge = 830 LPM

Size = 300 x 150 mm²

Slotted = 30 m

~~Assembly Size
300 x 300 mm ϕ~~





Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 731 - ML / AX - 2023

Date 31.07.2023

Geophysical Borehole Logging Report

Name of the site : Molnapur Rebore-2, Block – Lalganj

District : Azamgarh

Date : 31.07.2023

Depth logged : 197.0 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	15.0–20.0	5.0	Good (1 to 4)
2	26.0–30.0	4.0	
3	42.0–48.0	6.0	
4	51.0–57.0	6.0	
5	68.0–72.0	4.0	Moderate (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.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

State Water Sanitation Mission (SWSM)

ESTIMATE FOR
MOLNAPUR & USARAULI GROUP OF PANCHAYAT'S WATER SUPPLY SCHEME
UNDER - JJM
BLOCK- LALGANJ, DISTRICT- AZAMGARH
Estimate of Cost of Tubewell construction

Discharge 830 LPM
Head 47 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	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 100Mtr.									
1.1.1	500 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	DCRC Drilling from 101 Mtr. To 200 Mtr. Deep									
1.2.1	450 MMØ					100	2,766.83	Rmt	2,76,685.02	
1.2.2	Development / Finishing of tubewell						2,887.82	Hrs	-	
1.3	DCRC Drilling from 201 Mtr. To 300 Mtr. Deep									
1.3.1	450 MMØ					75	3,150.13	Rmt	2,36,260.02	
1.4	Tube Well Assembly									
	MSERW plain pipe As per IS 4170									
1.4.1	300 MMØ					54	3,973.24	Rmt	2,14,855.07	
1.4.2	150 MMØ					166	1,991.69	Rmt	3,30,605.60	
	MSERW Pipe slotted pipe as per IS 8110									
1.4.3	300 MMØ					0	5,683.48	Rmt	-	
1.4.4	150 MMØ					30	3,067.99	Rmt	92,011.92	
1.5	M/S fittings such as clamp, ball plug, reducer, well cap, girder & support structure									
	M/S Ring-									
1.5.1	300 mm Ø M/S Ring made by 175 mm x 16 mm Flat					10	2,061.31	No.	20,613.06	
1.5.2	150 mm Ø M/S Ring made by 150 mm x 12 mm Flat					34	1,264.67	No.	42,998.64	
	M/S Ball plug As per IS 2800									
1.5.3	150 mm Ø M/S Ball Plug					1	1,717.76	No.	1,717.76	