

No.

Date - 31/05/23

Date

# Proposed Assembly Chart RASOOLPUR JAGARATHI / LALGANJ

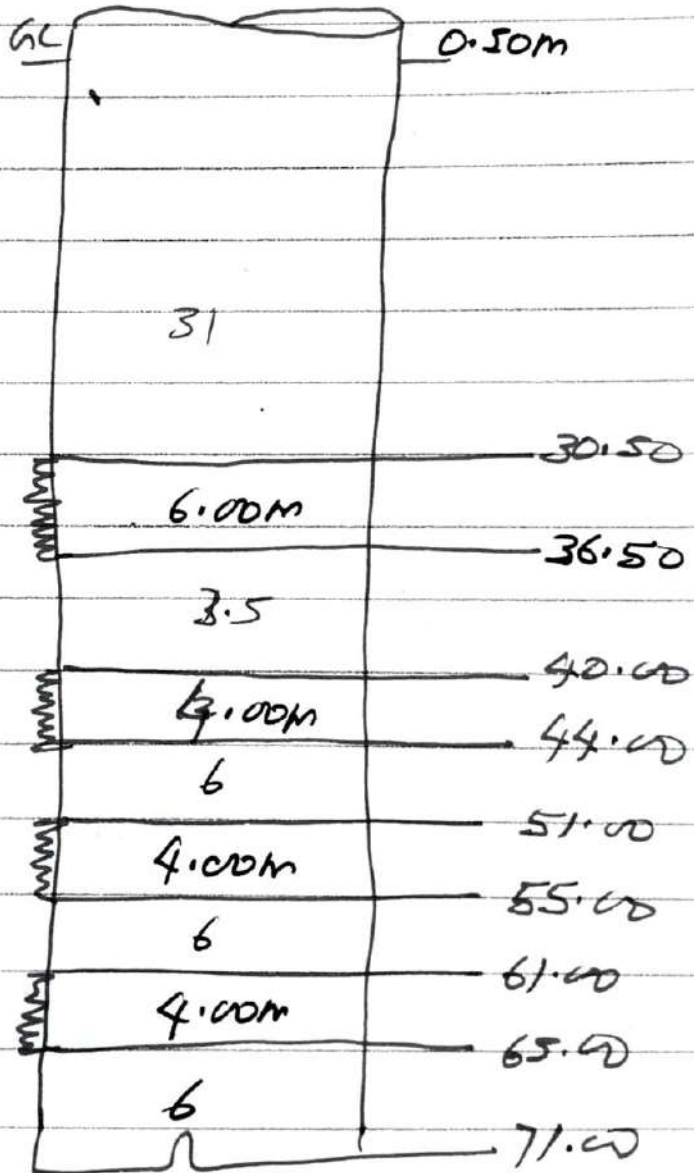
As per DPR 34

Discharge = 1280

Size =  $300 \times 150$

Slotted = 36 m (200mm  $\phi$ )

Asy Size  
 $300 \times 300$  mm  $\phi$





# Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref 530 - R/ AX- 2023

Date 30.05.2023

## Geophysical Borehole Logging Report

Name of the site : Rasoolpur Jagarathi, Block – Lalganj  
District : Azamgarh  
Date : 30.05.2023  
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	15.0–20.0	5.0	Good (1 to 6)
2	24.0–28.0	4.0	
3	30.0–37.0	7.0	
4	40.0–44.0	4.0	
5	51.0–55.0	4.0	
6	61.0–65.0	4.0	
7	69.0–73.0	4.0	Moderate (7,8)
8	77.0–81.0	4.0	

Note. All zones are fine sand intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 90.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

State Water Sanitation Mission (SWSM)

**ESTIMATE FOR  
MAY KHARAGPUR & RASOOLPUR JAYDRATHI JATI GROUP OF PANCHAYAT'S WATER SUPPLY SCHEME**  
UNDIGED - JDM  
BLOCK- LALGANJ, DISTRICT- AZAMGARH  
Estimate of Cost of Tubewell construction

Discharge 1200 LPM  
Head 51 M  
Drilling Depth of Tube well 275 M  
Lowering of Tube well 250 M  
Size of Tube well 300 x 200 mm

Sl No.	Item of work	No.	L	B	ILD	Qty	Rate	Unit	Amount	Remarks
1	DCRC Drilling including Hiring Transportation, Erection, dismantling with Loading and unloading of Rig and associated T&F complete in all respect including required all material labour & T&F etc.									As per RFP
1.1	DCRC Drilling up to 1000ft.									
1.1.1	DCRC Drilling					40	2,795.21	Rate	1,07,772.38	
1.1.2	DCRC Drilling					40	2,709.37	Rate	1,08,382.87	
1.2	DCRC Drilling from 101 MFT. To 200 Mtr Deep									
1.2.1	DCRC Drilling					100	3,025.74	Rate	3,02,574.84	
1.2.2	Development / Finishing of tubewell						2,897.82	Rate	-	
1.3	DCRC Drilling from 201 MFT. To 200 Mtr Deep									
1.3.1	DCRC Drilling					75	3,353.85	Rate	2,51,539.68	
1.4	Tube Well Assembly									
	MNSRW plain pipe As per IS-4279									
1.4.1	MNSRW					54	3,975.24	Rate	2,14,555.87	
1.4.2	MNSRW					160	2,530.29	Rate	4,06,286.40	
	MNSRW pipe standard pipe as per IS 8183									
1.4.3	MNSRW					9	5,685.48	Rate	-	
1.4.4	MNSRW									
	MNS fittings such as clamp, ball plug, reducer, well cap, girth at support structures					26	3,817.79	Rate	1,37,437.13	
1.5	MNS Pipe									
1.5.1	300 mm Ø MS. Ring made by 170 mm x 15 mm Flat					10	2,364.31	No.	23,643.88	
1.5.2	200 mm Ø MS. Ring made by 130 mm x 12 mm Flat					34	1,695.28	No.	54,171.52	
1.5.3	MS Ring plate As per IS 2000									
1.5.4	300 mm Ø MS. Ring Plate					1	2,361.31	No.	2,361.31	

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DM water supply OPR

State Water Sanitation Mission (SWSM)

Reduction

Sl No.	Item of work	No.	L	B	ILD	Qty	Rate	Unit	Amount	Remarks
1.5.4	300 x 200 pipe Reducer									