

Date - 11/05/23

No.

Date

Proposed Assembly Chart

As per DAR. Bela / Tarwa

Discharge = 420 LPM

Size = 200 x 150 mm ϕ

Slotted = 18m

Assembly Size
200 x 200 mm ϕ





Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref 510 - B / AX - 2023

Date 10.05.2023

Geophysical Borehole Logging Report

Name of the site : Bela, Block – Tarwa

District : Azamgarh

Date : 10.05.2023

Depth logged : 170.0 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	20.0–25.0	5.0	Good all
2	30.0–37.0	7.0	
3	41.0–49.0	8.0	
4	55.0–62.0	7.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 65.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

ESTIMATE FOR
BELA GRAM PANCHAYAT WATER SUPPLY SCHEME
UNDER - JJI
BLOCK-TARWAN, DISTRICT- AZAMGARH
Estimate of Cost of Tubewell construction

Discharge 420 LPM
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 I & P complete in all respect including required all material labour & T & P etc.									As per RFP.
1.1	DC/RC Drilling up to 100Mtr.									
1.1.1	450 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 Mtr. To 200 Mtr. Deep									
1.2.1	450 MMØ									
1.2.2	Deslagging - Frisking of tubewell					90 100	2,766.85	Rmt	2,49,016.50	2,49,016.50
1.2	DC/RC Drilling from 201 Mtr. To 300 Mtr. Deep									
1.2.1	450 MMØ									
1.2.2	Deslagging - Frisking of tubewell									
1.2	DC/RC Drilling from 301 Mtr. To 300 Mtr. Deep									
1.3.1	450 MMØ									
1.4	Tube Well Assembly									
	MSERW plate pipe As per IS 4270									
1.4.1	500 MMØ									
1.4.2	150 MMØ					54	2,539.29	Rmt	1,37,121.66	
	MSERW Pipe slotted pipe as per IS 8110									
1.4.3	200 MMØ					108	1,991.60	Rmt	2,15,092.80	
1.4.4	150 MMØ					0	3,817.70	Rmt	-	
1.5	M/S Brings such as clamp, ball plug, reducer, well cap, girder & support structure					18	3,087.06	Rmt	55,207.15	
	M/S Ring-									
1.5.1	200 mm Ø M/S. Ring made by 150 mm x 12 mm Flat					10	1,503.29	No.	15,032.80	
1.5.2	150 mm Ø M/S. Ring made by 150 mm x 12 mm Flat					22	1,284.67	No.	27,832.65	
	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	