



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 405 - P / AX - 2023

Date 05.04.2023

Geophysical Borehole Logging Report

Name of the site : Pithaurpur, Block – Tarwa

District : Azamgarh

Date : 05.04.2023

Depth logged : 165.0 mbgl

Depth drilled : 190.0 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—42.0	17.0	Good
2	50.0—60.0	10.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 65.0 mbgl till depth logged. Sl. No. 2 is highly kankar intermixed.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

PITTAHAURPUR & KASBA PEHLWANPUR GROUP OF PANCHAYAT'S WATER SUPPLY SCHEME
UNDER - JJM
BLOCK- TARWAN, DISTRICT- AZAMGARH
Estimate of Cost of Tubewell construction

Discharge 680 LPM
Head 49 M
Drilling Depth of Tube well 200 M
Lowering of Tube well 180 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	DC/RC Drilling including Hiring Transportaion, 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	DC/RC Drilling up to 100Mtr.									
1.1.1	600 MMO					60	2,796.21	Rmt	1,67,772.38	
1.1.2	450 MMO					40	2,448.06	Rmt	97,922.59	
1.2	DC/RC Drilling from 101 MT. To 200 Mtr.Deep									
1.2.1	450 MMO					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 MMO						3,150.13	Rmt	-	
1.4	Tube Well Assembly									
	MISERW plain pipe As per IS 4270									
1.4.1	300 MMO					54	3,973.24	Rmt	2,14,555.07	
1.4.2	150 MMO					102	1,991.60	Rmt	2,03,143.20	
	MISERW Pipe slotted pipe as per IS 8110									
1.4.3	300 MMO					0	5,683.48	Rmt	-	
1.4.4	150 MMO					24	3,067.06	Rmt	73,609.54	
1.5	MS fittings such as clamp, bail 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					22	1,264.67	No.	27,822.65	
	MS Bail plug As per IS 2800									
1.5.3	150 mm Ø M.S. Bail Plug					1	1,717.76	No.	1,717.76	

GP- Pithampur
Block - Zatewa

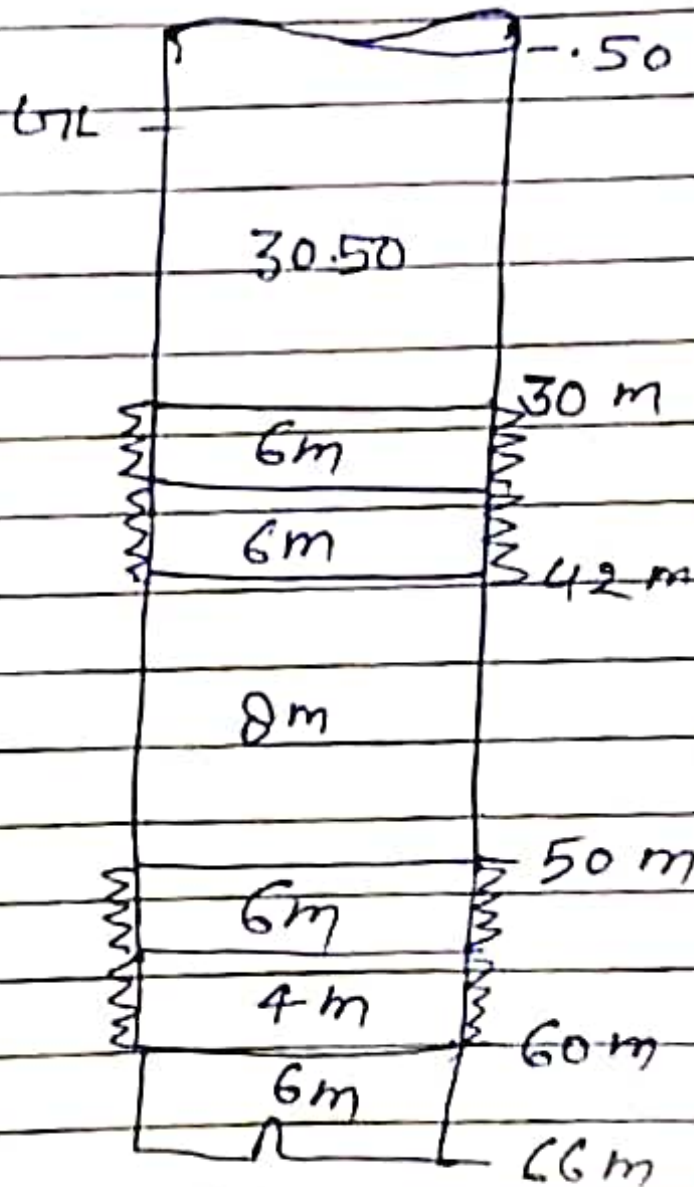
According to DPR

LPM-680

Size $\rightarrow 300 \times 150$

SP $\rightarrow 24$

Depth $\rightarrow 200$ m by ϕ



~~Proposed Assembly
Size~~