

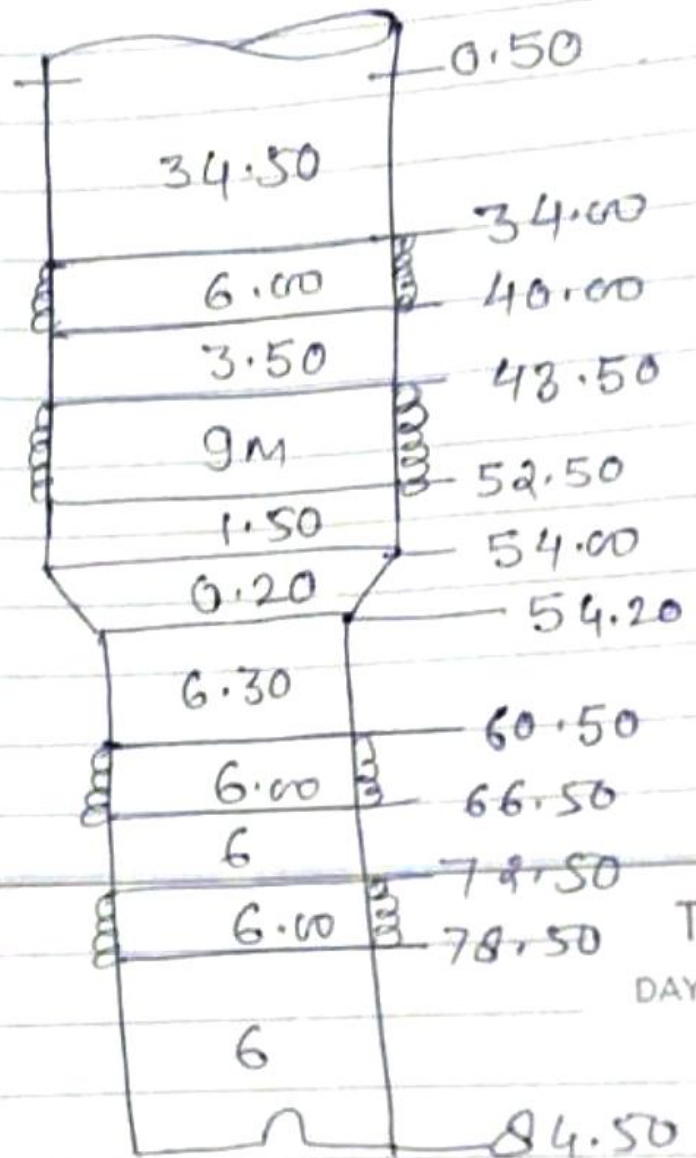
G.P. - Kapsetha.  
Block - Lalgarh

Acc. to DPR

LPM - 780

Size - (300x150)mm $\phi$

SP. - 30M.





# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 405 -KL / AX - 2023

Date 05.04.2023

## Geophysical Borehole Logging Report

Name of the site : Kapsetha, Block – Lalganj

District : Azamgarh

Date : 05.04.2023

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	25.0–32.0	7.0	Good all
2	35.0–40.0	5.0	
3	43.0–53.0	10.0	
4	60.0–67.0	7.0	
5	72.0–79.0	7.0	

Note. All zones are highly intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 83.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

State Water Sanitation Mission (SWSM)

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

Discharge 780 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	H/D	Qty	Rate	Unit	Amount	Remarks
1	DC/RC 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 REP.
1.1	DC/RC Drilling up to 100Mtr.									
1.1.1	600 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	DC/RC Drilling from 101 MT. To 200 Mtr.Deep									
1.2.1	450 MMØ					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 MMØ					75	3,150.13	Rmt	2,36,260.02	
1.4	Tube Well Assembly									
	MSERW plain pipe As per IS 4270									
1.4.1	300 MMØ					54	3,973.24	Rmt	2,14,555.07	
1.4.2	150 MMØ					166	1,991.60	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	3,067.06	Rmt	92,011.92	
1.5	MS fittings such as clamp, bail plug, reducer, well cap, girder & support structure									
	MS Ring-									
						10	2,061.31	No.	20,613.06	
1.5.1	300 mm Ø MS. Ring made by 175 mm x 16 mm Flat					34	1,264.67	No.	42,998.64	
1.5.2	150 mm Ø MS. Ring made by 150 mm x 12 mm Flat									
	M.S. Bail plug As per IS 2800									
1.5.3	150 mm Ø M.S. Bail Plug					1	1,717.76	No.	1,717.76	