

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GOPALPUR BHOOTPURA, BLOCK- SASNI, DISTT- HATHRAS
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 100 mtrs. depth, and Logged depth ~~95~~ mtrs. at above site. Was drilled by M/s Braj Gopal Construction, Hathras

On the request of M/s Braj Gopal Construction, Hathras a Geophysical well Logging in the above bore hole using IGIS Well Logger on 20. Jan. 2023.

Logging Parameters - Self potential, short normal (N-16), Long Normal (N-64), Lateral Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

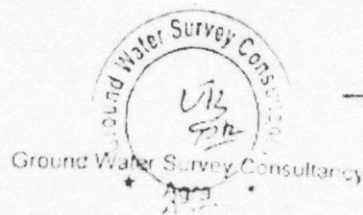
Mud Resistivity = ~~15.74~~ Ohms.

Drilling Water Resistivity = ~~16.68~~ Ohms.

Approx Water Level = 30 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 30	25	Dry Sand & Kankar	
3.	30 - 40	10	Fine to Medium sand	Medium
4.	40 - 44	4	Clay Kankar	
5.	44 - 50*	6	Fine to Medium sand	Medium
6.	50 - 54	4	Clay Kankar	
7.	54 - 62*	8	Fine to Medium sand	Medium
8.	62 - 67	5	Clay Kankar	
9.	67 - 73*	6	Medium sand	Medium
10.	73 - 95	22	Clay kankar	

S_o No 7-54-61
(7m)



- Logging performed as per
SWSM guideline
- Groundwater quality
interpreted by form as
per their logger
calibration

GSh
21/1/23

PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Hathras

Block:- SASNI

Name of Scheme:- LADPAPUR BHADIPURA

Tube Well No:-

Rig No./Type:- DC

Size of Bore:- 500mm

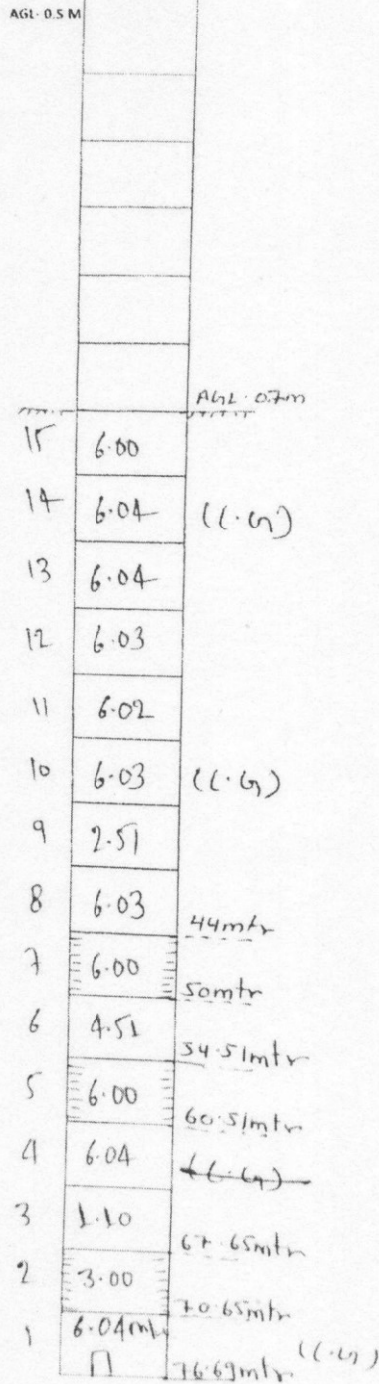
Under- Jal Jivan Mission

Assembly Size:- 200mm

Spring Level:- 30mb

ASSEMBLY

ASSEMBLY DETAILS



AS PER DPR

Slotted Pipe MM MTR

Screen Pipe 200 MM 1.5 MTR

Plain Pipe 200 MM 62.37 MTR

Housing Pipe MM MTR

DPR Lowering Depth 30 MTR

Lowering Depth (AGL) 76.69 - 0.7 MTR 77.39mtr

Required LPM 190

Logging Date 20-01-2023

Lowering Date 24-01-2023

[Signature]
24/01/23
BGCCPL REPRESENTATIVE

[Signature]
24/01/23
TPI REPRESENTATIVE

JAL NIGAM REPRESENTATIVE