

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JASHRATHPUR, BLOCK- JAITHRA, DISTT- ETAH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth ~~106~~ mtrs. at above site. Was drilled by M/s Kalpataru Power Transmission limited, Etah.

On the request of M/s Kalpataru Power Transmission limited, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 13.June.2023.

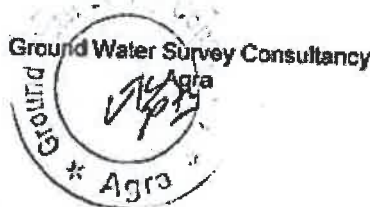
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = ~~16.52~~ Ohms.

Drilling Water Resistivity = ~~17.60~~ Ohms.

Approx Water Level = 14 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Fine sand	
3.	10 - 20	10	Clay kankar	
4.	20 - 25	5	Fine sand	
5.	25 - 35	10	Clay kankar	Medium
6.	35 - 51*	16	Medium sand	
7.	51 - 62	11	Clay kankar	Medium
8.	65.62 - 83*	21.18	Medium sand	
9.	83 - 106	23	Clay kankar	Medium



- Logging performed as per
SWSM guidelines.
Ground water quality
interpreted by firm
as per their logger
calibrations.

G.S.R.
14/06/23