

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KAKULI, BLOCK- NAWABGANJ,
DISTT- FARRUKHABAD
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth ~~130~~ mtrs. at above site. Was drilled by M/s G.V.P.R. Engineering Ltd., Hyderabad.

On the request of M/s G.V.P.R. Engineering Ltd., Hyderabad. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 09.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:-

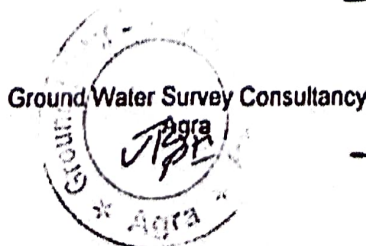
Mud Resistivity = ~~16.51~~ Ohms.

Drilling Water Resistivity = ~~17.19~~ Ohms.

Approx Water Level = 16 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 18	13	Dry sand	
3.	18 - 25	7	Fine sand	Medium
4.	25 - 60	35	Clay kankar	
5.	60 - 70	10	Kankar	
6.	70 - 84	14	Clay kankar	
7.	84 - 105*	21	Medium sand	Medium
8.	105 - 115	10	Clay kankar	
9.	115 - 121*	6	Fine to medium sand	Medium
10.	121 - 130	9	Clay kankar	

GSh
12/08/23



- Logging performed as per SWSM guidelines.
- Groundwater quality interpreted by firm as per their logger calibration.