

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- UKHRA, BLOCK- MOHAMMADABAD
DISTT- FARRUKHABAD
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 200 mtrs. depth. and Logged depth 185 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 26.Nov.2022.

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:-

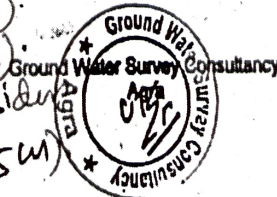
Mud Resistivity = 12.99 Ohms.

Drilling Water Resistivity = 14.73 Ohms.

Approx Water Level = 21 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 21	16	Dry sand	
3.	21 - 26	5	Clay	
4.	26 - 42	16	Medium sand	Medium
5.	42 - 75	33	Clay kankar	
6.	75 - 85*	10	Fine sand	Medium
7.	85 - 90	5	Clay kankar	
8.	90 - 115*	25	Medium sand & kankar	Medium
9.	115 - 152	37	Clay kankar	
10.	152 - 165*	13	Sand & kankar	Medium
11.	165 - 180	15	Clay kankar	
12.	180 - 182	2	Fine sand	
13.	182 - 185	3	Clay kankar	

- Sr No 8 may consider as 95-102 (7m) and 111-115 (4m)
- Sr No 10 may consider as 160-165 (5m)



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

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