

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BAMANPURA ULAI KIEDA, BLOCK- GANJDUNDWARA,  
DISTT- KASGANJ  
UNDER  
JAL JIVAN MISSION

**Introduction :**

A Deep bore hole was drilled 130 mtrs. depth. and Logged depth ~~130~~ mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Kasganj.

On the request of M/S PNC-SPML-JV, Kasganj. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 06.Mar. 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 = 15.17 ~~Ohms.~~

Drilling Water Resistivity = 16.50 ~~Ohms.~~

Approx Water Level = 6 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Clay kankar	
3.	10 - 35	25	Medium sand	Medium
4.	35 - 43	8	Clay kankar	
<del>5.</del>	43 - 50*	7	Medium sand	Medium
6.	50 - 57	7	Clay kankar	
<del>7.</del>	57 - 67*	10	Medium sand	Medium
8.	67 - 73	6	Clay kankar	
<del>9.</del>	73 - 85*	12	Fine to medium sand	Medium
10.	85 - 96	11	Clay kankar	
<del>11.</del>	96 - 105*	9	Fine to medium sand	Medium
12.	105 - 120	15	Clay kankar	
13.	120 - 130	10	Sandy Clay	

Sr No 7-59-65 (6m)

Ground Water Survey Consultancy  
Agra



- Logging performed as per SWSM guidelines.

- Groundwater quality interpreted by firm as