

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BARI BAGBS (SULTANPUR), BLOCK- GANJDUNDWARA,
DISTT- KASGANJ
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth ~~110~~ 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 07.Jan. 2023.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major equifer 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 = ~~16.86~~ Ohms.

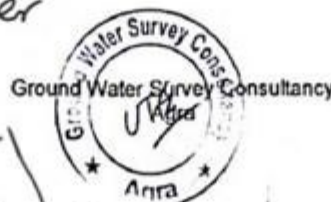
Drilling Water Resistivity = ~~17.07~~ Ohms.

Approx Water Level = 2 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Clay	
3.	8 - 10	2	Fine sand	
4.	10 - 15	5	Clay kankar	
5.	15 - 35	20	Medium sand	Medium
6.	35 - 45	10	Clay kankar	
7.	45 - 54*	9	Medium sand	Medium
8.	54 - 57	3	Clay kankar	
9.	57 - 64*	7	Fine to Medium sand	Medium
10.	64 - 80	16	Clay kankar	
11.	80 - 84*	4	Fine to Medium sand	Medium
12.	84 - 89	5	Clay kankar	
13.	89 - 100*	11	Fine to Medium sand	Medium
14.	100 - 110	10	Clay kankar	

Logging performed as per
SWSM guidelines.

Groundwater quality
interpreted by firms as
per their logger
calibration



G.Ch
7/1/23