

REPORT ON GEOPHYSICAL WELL LOGGING

AT- *Umesh*
Dhantoriya, 21/02/2025
GRAM PANCHAYAT- ~~NOTRA~~, BLOCK- KASGANJ, 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 in the above bore hole using IGIS Well Logger on 12.Feb.2025.

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 = 16.28 Ohms.

Drilling Water Resistivity = 17.08 Ohms.

Approx Water Level = 3 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 7	2	Fine sand	
3.	7 - 13	6	Clay kankar	
4.	13 - 17	4	Medium sand	Medium
5.	17 - 23	6	Clay kankar	
6.	23 - 31*	8	Medium sand	Medium
7.	31 - 48	17	Clay kankar	
8.	48 - 63*	15	Medium sand	Medium
9.	63 - 92	29	Clay kankar	
10.	92 - 104*	12	Fine to med sand & kankar	Medium
11.	104 - 110	6	Clay kankar	

Ground Water Survey Consultancy

