

3- Lalaji

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GHABRA, BLOCK- GANJDUNDWARA, DISTT- KASGANJ
UNDER
JAL JIVAN MISSION

Copy
Signed

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 31.July.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 = 15.63 Ohms.

Drilling Water Resistivity = 16.87 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 - 12	7	Fine to Medium sand	
3.	12 - 16	4	Clay kankar	
4.	16 - 35	19	Medium sand	Medium
5.	35 - 45	10	Clay kankar	
6.	45 - 53*	8	Fine to Medium sand	Medium
7.	53 - 57	4	Clay kankar	
8.	57 - 62*	5	Fine to Medium sand	Medium
9.	62 - 110	48	Clay kankar	