

REPORT ON GEOPHYSICAL WELL LOGGING AT

**GRAM PANCHAYAT-PIKHXUNI, BLOCK- SIDHPURA
DISTT- KASGANJ
UNDER
JAL JIVAN MISSION**

Introduction :

A Deep bore hole was drilled 115 mtrs. depth. and Logged depth ~~112~~ 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 02.Sep. 2022.

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:-

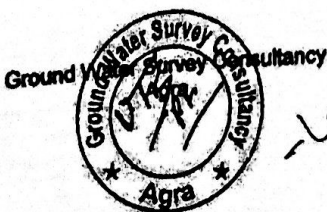
Mud Resistivity = 15.78 Ohms.

Drilling Water Resistivity = 16.87 Ohms.

Approx Water Level = 8 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
			Surface soil	
1.	0 - 5	5	Clay kankar	
2.	5 - 10	5	Medium sand	Medium
3.	10 - 31	21	Clay kankar	
4.	31 - 40	9	Medium sand	Medium
5.	40 - 43	3	Kankar	
6.	43 - 52	9	Clay kankar	
7.	52 - 55	3	Med. to Coarse sand	Medium
8.	55 - 88*	33	Clay kankar	
9.	88 - 96	8	Medium sand & Kankar	Medium
10.	96 - 106*	10	Clay kankar	
11.	106 - 112	6		

- 5% No of have thin lands of Kankar intermit



- Logging performed by per SWS in guidelines - Ground water quality into treated by their calibration.

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