

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KHARPHARA, BLOCK- SAHAWAR, DISTT- KASGANJ UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 122 mtrs. depth. and Logged depth ~~122~~ 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 19.July. 2022.

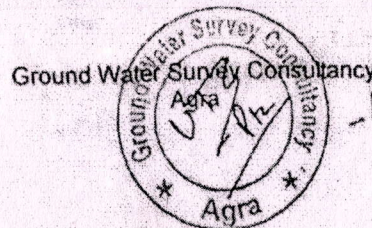
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major equifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 28.57 Ohms.

Drilling Water Resistivity = 23.40 Ohms.

Approx Water Level = 9 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Sandy clay	
3.	15 - 22	7	Fine sand	
4.	22 - 26	4	Clay kankar	
5.	26 - 34	8	Medium sand	Good
6.	34 - 45	11	Clay kankar	
7.	45 - 67*	22	Medium sand	Good
8.	67 - 75	8	Clay kankar	
9.	75 - 85	10	Kankar	
10.	85 - 91	6	Clay kankar	
11.	91 - 103*	12	Medium sand	Good
12.	103 - 110	7	Clay kankar	
13.	110 - 115*	5	Medium sand	Good
14.	115 - 122	7	Clay kankar	



- All zones are intermixed with thin bands of kankar.
- Logging performed as per SWSM guidelines.
- Groundwater quality intercorrelated firm as per their loggers call.

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