

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BAKRAI BHAINS RAS, BLOCK- PATTYALI
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 18.Oct. 2022.

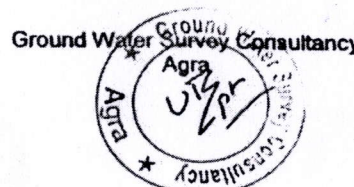
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major equifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 17.46 Ohms.

Drilling Water Resistivity = 19.07 Ohms.

Approx Water Level = 8 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 25	20	Medium sand	Good
3.	25 - 36	11	Clay kankar	
4.	36 - 55*	19	Medium sand	Good
5.	55 - 81	26	Clay kankar	
6.	81 - 95*	14	Fine to Medium sand	Good
7.	95 - 110	15	Clay kankar	



- Logging performed as per SWM guidelines.
- Groundwater quality interpreted by firm as per their logger calibration.

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